

# **CURRENT POPULATION SURVEY, FEBRUARY 1994: DISPLACED WORKERS**

## **TECHNICAL DOCUMENTATION CPS 94**

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### **NOTE**

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

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

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

## ATTACHMENT 1

### ABSTRACT

*Current Population Survey, February 1994: Displaced Workers [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], 1995.*

#### 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 14 years old and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Hispanic origin.

The displaced workers questions were asked of all persons age 20 years or older who lost a job involuntarily within the last five years based on operating decisions of a firm, plant, or business in which the worker was employed. Data are provided on reasons for job displacement, industry and occupation of the former job, group health insurance coverage, job tenure, and weekly earnings. Additional data refer to periods of unemployment as well as number of jobs held, use of unemployment benefits, whether residence was changed to seek work in another area, current health insurance coverage, and current weekly earnings.

#### Geographic Coverage:

State of residence is uniquely identified as well as census geographic division and region. The 113 largest metropolitan areas (CMSA's or MSA's), 89 selected MSA's, 66 selected PMSA's, and 30 central cities in multi-central city MSA's or PMSA's also are uniquely identified.<sup>1</sup> Within confidentiality restrictions, indicators are provided for MSA-PMSA/non-MSA-PMSA, central city/noncentral city, farm/nonfarm, and MSA/CMSA size.

#### Technical Description:

File Structure: Rectangular.

File Size: 156,246 logical records; 949 character logical record length.

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

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1. MSA's = Metropolitan Statistical Areas; CMSA's = Consolidated Metropolitan Statistical Areas; PMSA's = Primary Metropolitan Statistical Areas.

**Reference Materials:**

Current Population Survey, February 1994: Displaced Workers Technical Documentation. Documentation contains this abstract, including ordering information, an overview, definitions, a questionnaire facsimile, code lists, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

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

**File Availability:**

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## ATTACHMENT 2

### OVERVIEW

#### Current Population Survey

##### Introduction

The Current Population Survey (CPS) is the source of the official government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we obtain interviews from about 56,000 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 1980 census information. (A redesigned CPS sample based on the 1990 census will be phased-in starting April 1994 and completed as of July 1995). The first stage of the 1980 sample design created 1,973 geographic areas called primary sampling units (PSUs) in the entire United States. These 1,973 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 729 PSUs were selected for sample

containing 1,297 counties and independent cities. The second stage of the sample design selected housing units within these PSUs.

Approximately 70,000 housing units are assigned for interview each month, of which about 59,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 59,000 occupied housing units, approximately 5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 110,000 persons 15 years old and over, approximately 33,000 children 0-14 years old, and about 550 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*.

### **Geographic Limitations**

The CPS sample was selected so that specific reliability criteria were met nationally, for each of the 50 States, for the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. 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 (except the two sub-State areas mentioned above) 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 1980 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).
  - b. **Second-stage ratio estimate.** This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:
    - 1) 51 state controls of the civilian noninstitutional population 16 years of age and older
    - 2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories
    - 3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

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

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

Although total estimates of the population will equal published estimates, labor force estimates produced from a microdata file will not be directly comparable or identical with the published nonseasonally adjusted labor force data. The major reason for this is due to a final estimation procedure incorporated into the production of the published nonseasonally adjusted data. This procedure, known as a composite estimator, is a weighted average of two estimates for the current month for any particular item. The first estimate is

the two-stage ratio estimate that includes all the estimation steps given above. The second estimate consists of the composite estimate for the preceding month to which has been added an estimate of the change from the preceding month, based on that part of the sample which is common to the two months (about 75 percent). This procedure is primarily used to increase the reliability of estimates of month-to-month change, although other reliability gains are also realized. As noted above, the composite estimation procedure does not affect estimates of the total population.

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

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

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

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

## **ATTACHMENT 3**

### **OVERVIEW**

#### **February 1994 Displaced Workers Survey**

##### **General**

Census Bureau staff conducted the February 1994 Displaced Workers Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 57,000 households across the Nation. February was the first month in which a supplement was collected using a totally automated environment--both computer assisted personal interviewing and computer-assisted telephone interviewing. Attachment 10 contains the February 1994 Displaced Workers supplement questions asked of all applicable persons 20 years old or older.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the February 1994 Displaced Workers Survey follows.

##### **Data Collection**

The displaced workers questions were asked of all persons 20 years of age or older, as applicable. Item S33 determined whether an individual was displaced from a job in the previous 3 years, and, if so, they were asked the remainder of the supplemental questions, as appropriate.

If the respondent had lost or left more than one job in the past 3 years, the "reference job" would be the one the respondent held the longest over that period. Items S40 through S47b identify the industry and occupation of the job from which the worker was displaced. Items S52 through S89 collected the earnings information about the displaced job. Items S99 through S136 collected the information about the respondent's current job (if employed).

##### **Data Processing**

The data processing involved editing the February supplement data. This process is described below.

**Edits and Allocations.** The data processing involved a consistency edit of all supplement items. In addition, earnings for the current job were fully allocated by demographic characteristics.

The consistency edit ensured that the entries within an individual record followed the correct skip pattern. Items with missing entries were assigned values, if appropriate.

The values for each variable are defined in the supplement record layout (Attachment 9).

**Weighting.** There is no supplement weight associated with the February 1994 Displaced Workers supplement. Use the basic CPS weight for tallying the supplement items.

##### **February 1994 CPS/Displaced Workers Computer File**

**CPS Labor Force Data.** The February 1994 CPS file contains 156,246 records. Each record contains 949 characters. Attachment 9 contains the variable name, character size, location on record, universe, and the values of the variables.

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

## PRPERTYP

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

## HRINSTA

- 1 = Interview
- 2 = Type A Noninterview (These records represent households that were eligible for the February 1994 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 HRINSTA (2-4) the number of records can be determined.

The values of PRPERTYP are:

|                           | Unweighted Counts |
|---------------------------|-------------------|
| 1 = (Child)               | 32,642            |
| 2 = (Adult Civilian, 15+) | 107,849           |
| 3 = (Adult, Armed Forces) | 560               |

The values of HRINSTA are:

|                         |        |
|-------------------------|--------|
| 2 = Type A Noninterview | 4,023  |
| 3 = Type B Noninterview | 10,454 |
| 4 = Type C Noninterview | 718    |

## February 1994 Displaced Workers Supplement Data

The February 1994 supplement data for adults are located in records 815-949. (See Attachment 9).

## Tallying the February 1994 Displaced Workers Supplement File

The February 1994 supplement universe represented the full CPS sample comprised of all persons 20 years of age or over who had been displaced from a job in the past 3 years.

## Unweighted Counts

Attachment 15 is a tally listing of unweighted counts. Use these counts to ensure that the file is being properly accessed.

## ATTACHMENT 4

### GLOSSARY

#### Current Population Survey

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

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

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

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

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

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

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

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

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

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

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

Since the instrument enforces skip patterns and consistency between many items, the edits are left mainly with the job of allocating missing values. Also, since an interviewer is allowed to "back up" in the interview,

there may be "off-path" items filled in the unedited data. The edits also blank these off-path items if an edited version of the items exists.

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

**Employed**—(See Labor Force.)

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

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

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

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

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

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

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

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

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

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

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

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

**Household**—A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a

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

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

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

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

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

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

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

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

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

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

### *1. Employed*

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

## 2. *Unemployed*

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

### a. *Job Leavers*

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

### b. *Job Losers*

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

### c. *New Job Entrants*

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

### d. *Job Reentrants*

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

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

## 3. *Not in Labor Force*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Unemployed**—(See Labor Force.)

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

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

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

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

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

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

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

**Workers**—(See Labor Force--Employee.)

**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

### REVISIONS TO THE CURRENT POPULATION SURVEY (Effective January 1994)

Sharon R. Cohany, Anne E. Polivka, and Jennifer M. Rothgeb

A major redesign of the Current Population Survey (CPS) was implemented in January 1994. The primary aim of the redesign was to improve the quality of the data derived from the survey by introducing a new questionnaire and modernized data collection methods. This article discusses the major features of the new questionnaire and collection methods and compares the estimates derived under the former and new procedures.<sup>1</sup> The article also describes the introduction of new population controls based on the 1990 census adjusted for the estimated population undercount. (The effects of the redesign and other survey changes on the publication of data are discussed in the companion article, "Revisions in the Presentation of Data in Employment and Earnings," in this issue.)

#### Redesign of the Current Population Survey

##### Background

A monthly survey of some 60,000 households, the CPS is conducted by the Bureau of the Census for the Bureau of Labor Statistics. Since its inception in 1940, the CPS has been the primary source of information on the employed, the unemployed, and persons not in the labor force.

Prior to the recent redesign, the survey questionnaire had been virtually unchanged for nearly three decades. The last major revisions were made in 1967.<sup>2</sup> Since that time, problems with the questionnaire in measuring certain labor market concepts were identified. Also, the Nation's economy and society underwent major shifts. For instance, there has been tremendous growth in the number of service-sector jobs, while the number of factory jobs has declined sharply as a share of overall employment. Other changes include the more prominent role of women in the work force and the growing popularity of alternative

work schedules. These changes raised issues which were not being fully addressed with the old questionnaire. In addition, there had been major advances in survey research methods and data collection technology. Spurred by all of these developments, work by BLS and the Bureau of the Census began in the mid-1980's to redesign the CPS to better capture the dynamics of the contemporary labor market, while incorporating recent advances in data collection technology.

The redesign of the questionnaire had four main objectives: 1) To measure the official labor force concepts more precisely, 2) to expand the amount of data available, 3) to implement several definitional changes, and 4) to adopt a computer-assisted interviewing environment.

Beginning in 1988, BLS and the Bureau of the Census conducted a number of research projects to guide the development of a new CPS questionnaire. Alternative versions of the questionnaire were developed, based on both this research and recommendations made in 1979 by the National Commission on Employment and Unemployment Statistics, also known as the Levitan Commission.<sup>3</sup> The various questionnaire alternatives were tested in 1990 and 1991 in two phases, using centralized computer-assisted telephone interviewing (CATI) with a sample of households selected through random digit dialing (RDD) techniques. The results of both of these experimental phases were used in the development of the final revised questionnaire.

The new version was then tested extensively in a national sample survey, which ran parallel to the CPS from July 1992 to December 1993. This article compares data from this "parallel survey" with results from the official CPS using 1993 annual averages, in order to gauge the effects of the new questionnaire and computer-assisted data collection on the estimates.

Sharon R. Cohany is an economist in the Division of Labor Force Statistics and Anne E. Polivka is an economist in the Office of Research and Evaluation, Bureau of Labor Statistics. Jennifer M. Rothgeb is a social science statistician in the Center for Survey Methods Research, Bureau of the Census. The sections relating to the 1990 census-based population controls were co-authored by Shail J. Butani, Janice Lent, Edwin L. Robinson, and Michael E. Welch of the Statistical Methods Division, Bureau of Labor Statistics, and Frederick W. Hollman of the Population Division, Bureau of the Census.

<sup>1</sup> For additional information on the background of the CPS redesign, see "Questions and Answers on the Redesign of the Current Population Survey," available from BLS, and three articles published in the September 1993 *Monthly Labor Review* under the heading "Overhauling the Current Population Survey." A comprehensive bibliography is available from BLS upon request.

<sup>2</sup> See Robert L. Stein, "New Definitions for Employment and Unemployment," *Employment and Earnings*, February 1967.

<sup>3</sup> National Commission on Employment and Unemployment Statistics, *Counting the Labor Force*, 1979.

## Computerization

The new questionnaire was designed for a computer-assisted interview. In most cases, interviewers conduct the survey either in person at the respondent's home or by telephone from the interviewer's home, using laptop computers on which the questionnaire has been programmed. This mode of data collection is known as computer-assisted personal interviewing (CAPI). Interviewers ask the survey questions as they appear automatically on the screen of the laptop, and then type the responses directly into the computer. At the end of each day, interviewers transmit the data via modem to the computer at the Bureau of the Census headquarters. A portion of sample households (expected to reach about 20 percent later this year) is interviewed via CATI, from two centralized telephone centers (located in Hagerstown, Maryland and Tucson, Arizona) by interviewers who also use a computerized questionnaire.

Computer-assisted interviewing has important benefits, most notably:

**Consistency.** In a survey such as the CPS, consistency from interview to interview is essential for data quality. Automation facilitates the use of a relatively complex questionnaire, incorporating complicated skip patterns and standardized followup questions. Yet, certain questions are automatically tailored to the individual's situation to make them more understandable to the respondent.

**Editing.** The computerized questionnaire has several built-in editing features, including automatic checks for internal consistency and unlikely responses. In this way, some potential errors can be caught and corrected during the interview itself.

**Dependent interviewing.** An automated interview also permits dependent interviewing, that is, the use of information in the current interview that was obtained in a previous month's interview. Dependent interviewing reduces respondent and interviewer burden, while improving consistency of the data from one month to the next. The technique is being used to confirm the previously reported occupation and industry of a person's job and, for many people not in the labor force, to confirm their status as retired or disabled. If it is determined that there has been no change in the information which was supplied in the earlier interview, no further questions on the topic are asked. If, however, the information which was previously supplied has changed, the respondents are asked to provide the updated information. In a somewhat different form of dependent interviewing, persons' duration of unemployment is asked in the first month they are reported as unemployed, and this information is automatically updated by either 4 or 5 weeks if they remain unemployed in the subsequent month.

It should be noted that the new questionnaire was designed for computer-assisted interviewing. Given the

complexity of the skip patterns and the use of dependent interviewing, it would be nearly impossible to administer the new survey using a paper-and-pencil questionnaire. In fact, there is no operational paper version of the new questionnaire.

## Major Questionnaire Changes

### Enhanced accuracy

Unlike the 1967 revision, whose major purpose was to sharpen the definition of unemployment, the emphasis of the 1994 redesign was to improve the overall quality of labor market information through extensive question changes and the introduction of computers into the collection procedures. The redesign was also undertaken to obtain data on topics not previously or adequately covered.

While the labor force status of most people is straightforward, some are more difficult to classify correctly, especially if they are engaged in activities that are relatively informal or intermittent. Many of the changes to the questionnaire were made to deal with such cases. This was accomplished by rewording and adding questions to conform more precisely with the official definitions, making the questions easier to understand and answer, minimizing reliance on volunteered responses, revising response categories, and taking advantage of the benefits of an automated interview. Areas affected by these improvements include:

**Reference week.** Many questions refer to activities "last week," but in the former questionnaire the time period was never defined. Research found that fewer than 20 percent of respondents defined the reference week as it is meant in the survey, that is, from Sunday to Saturday of the week including the 12th day of the month. The new questionnaire provides respondents with the specific dates of the reference week.

**On layoff.** Persons on layoff are defined as those who are separated from a job to which they are awaiting recall. The old questionnaire, however, was not structured to consistently obtain information on the expectation of recall. This was a particular problem since, in common parlance, the term "layoff" has come to refer to a permanent termination rather than the temporary situation that BLS and the Census Bureau are trying to measure.

In order to measure layoffs more accurately, questions were added to determine if people reported to be on layoff did in fact have an expectation of recall—that is, had they been given a specific date to return to work or, at least, had they been given an indication that they would be recalled within the next 6 months. Also, a direct question about layoff replaced a long and cumbersome question about both layoff and absence from work.

**Jobsearch methods.** To be counted as unemployed, a person must have engaged in an active jobsearch during the 4

weeks prior to the survey, that is, must have taken some action that could result in a job offer. In addition to contacting employers directly, active jobsearch methods include answering want ads, sending out resumes, and contacting private or public employment agencies. On the other hand, passive methods, such as taking a class or simply reading the want ads, do not qualify as a jobsearch. To allow interviewers to better distinguish between active and passive methods, the response categories for jobsearch methods were expanded and reformatted. Also, the basic question on jobsearch methods was reworded and followup questions were added to encourage respondents to report all types of jobsearch activity.

**Hours at work.** Research showed that, when asked about their actual hours at work, some respondents provided their scheduled or usual hours instead. To improve the accuracy of these data, the series of questions on hours worked was reordered to incorporate a recall strategy, which asks for usual hours first, then about possible time taken off or extra hours worked during the reference week, and finally about hours actually worked.

**Reasons for working part time.** Persons who work part time (fewer than 35 hours a week) do so either voluntarily (that is, because of personal constraints or preferences) or involuntarily (that is, because of business-related reasons such as slack work or the lack of full-time opportunities). Because respondents typically are not familiar with this distinction, the question asking why those working part time were doing so was reworded to provide examples of the two types of reasons. More importantly, the measurement of working part time involuntarily (or for economic reasons) was modified to better reflect the concept. Starting in 1994, workers who are part time for economic reasons must want and be available for full-time work. Individuals who usually work part time for an economic reason are asked direct questions to determine if they meet these criteria; those usually working full time are assumed to meet them.

**Occupation and industry.** Research has shown that the former system of asking questions on occupation, industry, and class of worker independently each month led to an overreporting of month-to-month change. The accuracy of these data will benefit significantly from the use of dependent interviewing, with most respondents being asked to supply this information only in the initial interview. In subsequent months, they are asked merely to verify the information that had been reported earlier regarding their employer, occupation, and usual activities on the job. If no changes have taken place, no further questions are asked and the information is simply carried forward. If changes in the job situation have occurred, the series of questions that was asked in the previous month is asked again.

**Unpaid family workers.** The definition of employment includes persons who work without pay for at least 15 hours a week in a business or farm owned by a member of their immediate family. To better measure the extent of work in such businesses, the new questionnaire has a direct question on the presence of a business in the household. Persons in households with a business who are not otherwise employed are specifically asked if they worked in the business.

**Earnings.** With the former questionnaire, respondents were asked to report their earnings as a weekly amount, even though that may not have been the easiest way to recall or report their earnings. In the new version, respondents are asked to report earnings in the time frame which they find easiest, for example, hourly, weekly, biweekly, monthly, or annual. Weekly earnings are automatically calculated for persons who respond on a basis other than weekly. Also, individuals are asked a specific question to determine if they usually receive overtime pay, tips, or commissions. For minimum wage studies, all earners are asked if they are, in fact, paid at hourly rates.

#### **New data**

The questionnaire redesign also makes it possible to collect several types of data regularly for the first time, namely:

**Multiple jobholding.** Employed persons are now asked each month whether they had more than one job. This allows BLS to produce estimates of multiple jobholding on a monthly basis, rather than having to derive them through special, periodic supplements. The inclusion of the multiple jobholding question also enhances the accuracy of answers to the questions on hours worked, and it may help to reconcile employment estimates from the CPS with those from the Current Employment Statistics program, BLS' survey of nonfarm business establishments.

**Usual hours.** All employed persons are asked each month about the hours they usually work. Previously, information on usual hours was collected from just one-quarter of wage and salary workers each month.

#### **Definitional changes**

As part of the redesign, several labor force definitions were modified, specifically:

**Discouraged workers.** This was the most important definitional change implemented. The Levitan Commission had criticized the former definition, because it was based on a subjective desire for work and on somewhat arbitrary assumptions about an individual's availability to take a job. As a result of the redesign, two requirements were added: For persons to qualify as discouraged, they must have engaged in some jobsearch within the past year (or since they last worked if they worked within the past year), and they must be currently available to take a job. (Formerly, avail-

ability was inferred from responses to other questions; now there is a direct question.) Discouraged workers are now defined as *persons who want a job, are available to take a job, and who had looked for work within the past year but not within the prior 4 weeks because they believed their search would be futile*. Specifically, their main reason for not recently looking for work was one of the following: *Believes no work available in line of work or area; couldn't find any work; lacks necessary schooling, training, skills or experience; employers think too young or too old; or other types of discrimination*. Also, beginning in January 1994, questions on this subject are asked of the full CPS sample rather than being limited to a quarter of the sample, permitting estimates of the number of discouraged workers to be published monthly (rather than quarterly).

**Unemployment.** A relatively minor change was incorporated into the definition of unemployment. Under the former definition, persons who volunteered that they were waiting to start a job within 30 days (a very small group numerically) were classified as unemployed, whether or not they were actively looking for work. Under the new definition, people waiting to start a new job are no longer automatically counted as unemployed. Rather, they must have actively looked for a job within the last 4 weeks in order to be counted as unemployed. Otherwise, they will be classified as not in the labor force. Thus, beginning in January 1994, the unemployed are defined as persons 1) without jobs; 2) actively seeking work, or on layoff from a job and expecting recall (who need not be seeking work to qualify); and 3) currently available to take a job (including temporary illness).

**New entrants and reentrants.** Unemployed persons who were not working just before their jobsearch commenced are classified as either new entrants or reentrants (to the labor force). Prior to 1994, new entrants were defined as jobseekers who had never worked at a full-time job lasting 2 weeks or longer; reentrants were defined as jobseekers who had held a full-time job for at least 2 weeks and had then spent some time out of the labor force prior to their most recent period of jobsearch. These definitions have been modified to encompass any type of job, not just a full-time job of at least 2 weeks duration. Thus, new entrants are now defined as jobseekers who have never worked at all, and reentrants are jobseekers who have worked before, but not immediately prior to their jobsearch.

**Full-time and part-time workers.** The classification of full- and part-time workers is now based completely on their usual weekly hours worked. In the past, due to limitations in the questionnaire, persons who worked full time in the reference week were not asked about their usual hours. Rather, they were assumed to work full time on a usual

basis and classified as full-time workers. In the revised questionnaire, *all* workers are asked the number of hours they usually work, and are classified accordingly.

## The Parallel Survey

As mentioned above, the new computerized questionnaire was tested in a parallel survey, also known as the "CATI/CAPI Overlap." The parallel survey was administered to approximately 12,000 households per month for 18 months, from July 1992 to December 1993. The survey had several objectives, including testing the complex programming of the questionnaire, breaking in computerized data collection and transmission operations, and measuring differences in major labor force estimates between the old and new surveys. Since a lack of funding prevented the administration of the former questionnaire in a CAPI environment and since the new questionnaire's complexity prevented its administration on paper, the effects of computer-assisted data collection on the labor force estimates cannot be completely isolated from the effects of changes in question wording and sequence.

The parallel survey was a nationally representative survey, in which all of the largest metropolitan areas were included and the remaining areas were sampled on a probability basis.<sup>4</sup> The parallel survey had the same rotation schedule as the CPS, that is, households were interviewed for 4 months, left the sample for the next 8 months, and then were interviewed for another 4 months.

When comparing estimates derived from the parallel survey with official CPS estimates, it should be recognized that the parallel survey was based on a national sample, in contrast with the State-based sample design of the CPS. Moreover, the sample of the parallel survey was just one-fifth the size of the CPS sample. This means that its estimates have greater variance, particularly those for small groups, which are based on relatively few sample members.

The data compared in this article are 1993 annual averages. There were, of course, month-to-month fluctuations, especially in the parallel survey, which are minimized using averages of 12 months of data. For example, the overall unemployment rate from the parallel survey for the 12-month period under study (January-December 1993) averaged 0.5 percentage point higher than the rate from the CPS, compared with monthly differences ranging from 0.1 to 0.7 percentage point.

## Comparisons Between CPS and Parallel Survey Estimates

The following analysis describes differences in labor market estimates between the official CPS and the parallel survey for 1993. This includes highlights of the major

<sup>4</sup> The sample design of the parallel survey was based on that used by the National Crime Victimization Survey (NCVS), which is conducted by the Bureau of the Census for the Bureau of Justice Statistics.

differences as well as sections on the employed, unemployed, persons in the labor force, and persons not in the labor force.

Explanations for observed differences in the estimates are suggested whenever possible. It is important to note, however, that given the sweeping changes to the survey, it is impossible to completely disentangle the underlying causes behind the differences. In general, only differences that are statistically significant at the 90-percent confidence level are discussed. Confidence intervals for major estimates are shown in table 1. Standard errors for estimates in all other tables are available from BLS upon request. In order to maintain comparability with parallel survey results, the CPS estimates used in this article were not subjected to the compositing procedure, and as a result may not always agree with published estimates.<sup>3</sup>

### Highlights of findings

The following are highlights of the study comparing data from the parallel survey (using the revised questionnaire and automated collection) with the CPS (using the former questionnaire and procedures) for 1993:

- The national unemployment rate as estimated by the parallel survey was higher than the rate obtained by the CPS. This difference averaged 0.5 percentage point (table 1). As shown in table 2, the measured effect was relatively larger for women than for men. The parallel survey also measured more unemployment among teenagers and older workers (65 years and over).
- The overall proportion of the population that was working—the employment–population ratio—was essentially the same in the parallel survey and the CPS. However, there were marked differences by gender. For men, the ratio was lower in the parallel survey than in the CPS; for women the ratio based on the parallel survey was higher.
- The labor force participation rate was estimated to be higher in the parallel survey than in the CPS. Again, there were significant differences by gender: The percentage for men was lower in the parallel survey while the rate for women was higher.

### Employment

As stated above, overall estimates of employment differed little between the parallel survey and the CPS. The employment–population ratio was 61.8 percent in the parallel survey, statistically indistinguishable from the 61.7 percent using the CPS. This similarity in the aggregate ratio, however, masks significant differences by gender. The ratio for women was higher in the parallel survey than in the CPS—54.9 versus 54.2 percent—while for men the measure from the parallel survey was lower—60.3 versus

69.9 percent. (See table 2.)

There are several questionnaire changes which may have contributed to higher estimates of employment among women. Many of the revisions to the new questionnaire were made to capture labor force activity more completely, especially that of a more irregular or informal nature. To this end, key questions on work activity were reworded. (See exhibit A.) For example, the question asking about work was changed from "Did you do any work at all LAST WEEK, not counting work around the house?" to "LAST WEEK, did you do ANY work for pay?" Some respondents to the former questionnaire may have failed to report work activities if their activities were part time, intermittent, or perhaps even if they were home-based. The revised question communicates more clearly to the respondent that the survey uses an inclusive definition of work, to encompass any work for pay.

Indeed, the entire context of the interview must be considered. The labor force portion of the former CPS interview began with the following question: "What were you doing most of LAST WEEK (Working, keeping house, going to school, or something else)?" This question, originally introduced as an "icebreaker," has been criticized on several grounds. For one, we really don't want to know what a person was doing most of last week (the answer to that might be something unrelated to labor force activity), but rather whether a person worked at all last week. The phrase "most of last week," moreover, may have been indicating to some respondents that the interest of the survey was in full-time, "regular" employment and not in part-time or intermittent work.

Another difficulty with the former opening question was that interviewers were instructed to tailor it depending on the person's apparent situation. For a person (typically a woman) who appeared to be a homemaker, the question could be phrased, "What were you doing most of last week—working, keeping house, or something else?" For a young person, the question could be tailored to read, "What were you doing most of last week—working, going to school, or something else?" The "working" option was not always offered. Everyone else was asked, "What were you doing most of last week—working or something else?" It is not known to what extent these procedures were followed; however, the instructions for tailoring provided the potential for bias and may have cast doubt on the intent of the survey to capture all labor force activity.

In the new questionnaire, none of the questions is customized on the basis of the appearance of respondents. Thus, for example, after an opening question (asked once for the entire household) on the presence of a business or farm, *everyone* is asked whether he or she did any work for pay, clearly setting the tone that this is a survey in which labor force activity is the sole interest. Also, the new version systematically asks about employment in family busi-

<sup>3</sup> Compositing is an estimation procedure which reduces variability in estimates, especially of month-to-month change. For a detailed explanation, see "Estimating Methods" under the Household Data section of the Explanatory Notes and Estimates of Error in this publication.

Table 1. Employment status of the population for selected labor force groups using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages

(Numbers in thousands)

| Employment status and group                | CPS <sup>1</sup> | Parallel survey | Difference |                                 |
|--|------------------|-----------------|------------|---------------------------------|
|  |                  |                 | Level      | Error at 1.6 sigma <sup>2</sup> |
| TOTAL                                      |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 193,550          | 193,550         | 0          | 0                               |
| Civilian labor force .....                 | 128,103          | 128,965         | 862        | 642                             |
| Percent of population .....                | 66.2             | 66.6            | .4         | .3                              |
| Employed .....                             | 119,389          | 119,606         | 217        | 696                             |
| Employment-population ratio .....          | 61.7             | 61.8            | .1         | .4                              |
| Unemployed .....                           | 8,714            | 9,359           | 645        | 278                             |
| Unemployment rate .....                    | 6.8              | 7.3             | .5         | .2                              |
| Men, 20 years and over                     |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 85,906           | 85,850          | -56        | 0                               |
| Civilian labor force .....                 | 66,077           | 65,599          | -478       | 354                             |
| Percent of population .....                | 76.9             | 76.4            | -.5        | .4                              |
| Employed .....                             | 61,884           | 61,283          | -601       | 381                             |
| Employment-population ratio .....          | 72.0             | 71.4            | -.6        | .4                              |
| Unemployed .....                           | 4,193            | 4,316           | 123        | 189                             |
| Unemployment rate .....                    | 6.4              | 6.6             | .2         | .3                              |
| Women, 20 years and over                   |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 94,389           | 94,361          | -28        | 0                               |
| Civilian labor force .....                 | 55,184           | 56,162          | 978        | 486                             |
| Percent of population .....                | 58.5             | 59.5            | 1.0        | .5                              |
| Employed .....                             | 51,966           | 52,604          | 638        | 503                             |
| Employment-population ratio .....          | 55.1             | 55.8            | .7         | .5                              |
| Unemployed .....                           | 3,219            | 3,559           | 340        | 159                             |
| Unemployment rate .....                    | 5.8              | 6.3             | .5         | .3                              |
| Both sexes, 16 to 19 years                 |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 13,254           | 13,338          | 84         | 0                               |
| Civilian labor force .....                 | 6,842            | 7,203           | 361        | 178                             |
| Percent of population .....                | 51.6             | 54.0            | 2.4        | 1.3                             |
| Employed .....                             | 5,540            | 5,719           | 179        | 174                             |
| Employment-population ratio .....          | 41.8             | 42.9            | 1.1        | 1.3                             |
| Unemployed .....                           | 1,303            | 1,485           | 182        | 100                             |
| Unemployment rate .....                    | 19.0             | 20.6            | 1.6        | 1.3                             |
| White                                      |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 163,921          | 163,921         | 0          | 0                               |
| Civilian labor force .....                 | 109,407          | 110,209         | 802        | 607                             |
| Percent of population .....                | 66.7             | 67.2            | .5         | .4                              |
| Employed .....                             | 102,891          | 103,267         | 376        | 648                             |
| Employment-population ratio .....          | 62.8             | 63.0            | .2         | .4                              |
| Unemployed .....                           | 6,516            | 6,942           | 426        | 223                             |
| Unemployment rate .....                    | 6.0              | 6.3             | .3         | .2                              |
| Black                                      |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 22,329           | 22,329          | 0          | 0                               |
| Civilian labor force .....                 | 13,957           | 13,908          | -49        | 325                             |
| Percent of population .....                | 62.5             | 62.3            | -.2        | 1.5                             |
| Employed .....                             | 12,148           | 11,923          | -225       | 321                             |
| Employment-population ratio .....          | 54.4             | 53.4            | -1.0       | 1.4                             |
| Unemployed .....                           | 1,809            | 1,985           | 176        | 129                             |
| Unemployment rate .....                    | 13.0             | 14.3            | 1.3        | .9                              |

See footnote at end of table.

**Table 1. Employment status of the population for selected labor force groups using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages - Continued**

(Numbers in thousands)

| Employment status and group                | CPS <sup>1</sup> | Parallel survey | Difference |                                 |
|--|------------------|-----------------|------------|---------------------------------|
|  |                  |                 | Level      | Error at 1.6 sigma <sup>2</sup> |
| Hispanic origin                            |                  |                 |            |                                 |
| Civilian noninstitutional population ..... | 15,753           | 15,753          | 0          | 0                               |
| Civilian labor force .....                 | 10,385           | 10,666          | 281        | 241                             |
| Percent of population .....                | 65.9             | 67.7            | 1.8        | 1.5                             |
| Employed .....                             | 9,285            | 9,412           | 127        | 268                             |
| Employment-population ratio .....          | 58.9             | 59.7            | .8         | 1.7                             |
| Unemployed .....                           | 1,100            | 1,254           | 154        | 97                              |
| Unemployment rate .....                    | 10.6             | 11.8            | 1.2        | .9                              |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> Sampling error at the 90-percent confidence level.

NOTE: Population estimates obtained from the two surveys will not

always agree due to slight differences in estimating procedures. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**Table 2. Employment status of the population by age, sex, race, and Hispanic origin using 1980 census-based estimates from the CPS and the parallel survey, 1993 annual averages**

(Numbers in thousands)

| Employment status and age                   | Total            |                 |                         | Men              |                 |                         | Women            |                 |                         |
|---|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|
|   | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> |
| <b>Civilian noninstitutional population</b> |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over .....              | 193,550          | 193,550         | 0                       | 92,620           | 92,620          | 0                       | 100,930          | 100,930         | 0                       |
| 16 to 19 years .....                        | 13,254           | 13,338          | 84                      | 6,769            | 6,769           | 0                       | 6,540            | 6,569           | 29                      |
| 20 to 24 years .....                        | 17,583           | 17,641          | 58                      | 8,613            | 8,677           | 64                      | 8,970            | 8,964           | -6                      |
| 25 to 34 years .....                        | 41,314           | 41,375          | 61                      | 20,382           | 20,374          | -8                      | 20,933           | 21,002          | 69                      |
| 35 to 44 years .....                        | 40,341           | 40,238          | -103                    | 19,831           | 19,785          | -46                     | 20,510           | 20,453          | -57                     |
| 45 to 54 years .....                        | 28,863           | 28,943          | 80                      | 14,027           | 14,016          | -11                     | 14,836           | 14,927          | 91                      |
| 55 to 64 years .....                        | 21,029           | 21,006          | -23                     | 9,976            | 9,990           | 14                      | 11,053           | 11,016          | -37                     |
| 65 years and over .....                     | 31,164           | 31,008          | -156                    | 13,078           | 13,009          | -69                     | 18,086           | 17,999          | -87                     |
| <b>Civilian labor force</b>                 |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over .....              | 128,103          | 128,965         | 862                     | 69,656           | 69,300          | -356                    | 58,447           | 59,664          | 1,217                   |
| 16 to 19 years .....                        | 6,842            | 7,203           | 361                     | 3,579            | 3,702           | 123                     | 3,263            | 3,502           | 239                     |
| 20 to 24 years .....                        | 13,555           | 13,705          | 150                     | 7,159            | 7,186           | 27                      | 6,396            | 6,519           | 123                     |
| 25 to 34 years .....                        | 34,473           | 34,609          | 136                     | 19,049           | 18,828          | -221                    | 15,424           | 15,782          | 358                     |
| 35 to 44 years .....                        | 34,274           | 34,287          | 13                      | 18,544           | 18,457          | -87                     | 15,730           | 15,830          | 100                     |
| 45 to 54 years .....                        | 23,556           | 23,622          | 66                      | 12,642           | 12,482          | -160                    | 10,914           | 11,139          | 225                     |
| 55 to 64 years .....                        | 11,863           | 11,736          | -127                    | 6,632            | 6,473           | -159                    | 5,231            | 5,262           | 31                      |
| 65 years and over .....                     | 3,540            | 3,802           | 262                     | 2,051            | 2,173           | 122                     | 1,489            | 1,629           | 140                     |
| <b>Participation rate</b>                   |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over .....              | 66.2             | 66.6            | .4                      | 75.2             | 74.8            | -.4                     | 57.9             | 59.1            | 1.2                     |
| 16 to 19 years .....                        | 51.6             | 54.0            | 2.4                     | 53.3             | 54.7            | 1.4                     | 49.9             | 53.3            | 3.4                     |
| 20 to 24 years .....                        | 77.1             | 77.7            | .6                      | 83.1             | 82.8            | -.3                     | 71.3             | 72.7            | 1.4                     |
| 25 to 34 years .....                        | 83.4             | 83.6            | .2                      | 93.5             | 92.4            | -1.1                    | 73.7             | 75.1            | 1.4                     |
| 35 to 44 years .....                        | 85.0             | 85.2            | .2                      | 93.5             | 93.3            | -.2                     | 76.7             | 77.4            | .7                      |
| 45 to 54 years .....                        | 81.6             | 81.6            | .0                      | 90.1             | 89.1            | -1.0                    | 73.6             | 74.6            | 1.0                     |
| 55 to 64 years .....                        | 56.4             | 55.9            | -.5                     | 66.5             | 64.8            | -1.7                    | 47.3             | 47.8            | .5                      |
| 65 years and over .....                     | 11.4             | 12.3            | .9                      | 15.7             | 16.7            | 1.0                     | 8.2              | 9.1             | .9                      |

See footnote at end of table.

Table 2. Employment status of the population by age, sex, race, and Hispanic origin using 1980 census-based estimates from the CPS and the parallel survey, 1993 annual averages—Continued

(Numbers in thousands)

| Employment status and age          | Total            |                 |                         | Men              |                 |                         | Women            |                 |                         |
|------------------------------------|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|
|                                    | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> |
| <b>Employed</b>                    |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over . . . .   | 119,389          | 119,606         | 217                     | 64,727           | 64,200          | -527                    | 54,662           | 55,406          | 744                     |
| 16 to 19 years . . . . .           | 5,540            | 5,719           | 179                     | 2,844            | 2,918           | 74                      | 2,696            | 2,802           | 106                     |
| 20 to 24 years . . . . .           | 12,137           | 12,233          | 96                      | 6,354            | 6,386           | 32                      | 5,783            | 5,846           | 63                      |
| 25 to 34 years . . . . .           | 32,119           | 32,099          | -20                     | 17,729           | 17,527          | -202                    | 14,390           | 14,573          | 183                     |
| 35 to 44 years . . . . .           | 32,406           | 32,347          | -59                     | 17,512           | 17,400          | -112                    | 14,894           | 14,947          | 53                      |
| 45 to 54 years . . . . .           | 22,444           | 22,431          | -13                     | 12,011           | 11,808          | -203                    | 10,433           | 10,623          | 190                     |
| 55 to 64 years . . . . .           | 11,313           | 11,154          | -159                    | 6,292            | 6,106           | -186                    | 5,022            | 5,048           | 26                      |
| 65 years and over . . . . .        | 3,430            | 3,623           | 193                     | 1,986            | 2,057           | 71                      | 1,444            | 1,566           | 122                     |
| <b>Employment-population ratio</b> |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over . . . .   | 61.7             | 61.8            | .1                      | 69.9             | 69.3            | -.6                     | 54.2             | 54.9            | .7                      |
| 16 to 19 years . . . . .           | 41.8             | 42.9            | 1.1                     | 42.4             | 43.1            | .7                      | 41.2             | 42.7            | 1.5                     |
| 20 to 24 years . . . . .           | 69.0             | 69.3            | .3                      | 73.8             | 73.6            | -.2                     | 64.5             | 65.2            | .7                      |
| 25 to 34 years . . . . .           | 77.7             | 77.6            | -.1                     | 87.0             | 86.0            | -1.0                    | 68.7             | 69.4            | .7                      |
| 35 to 44 years . . . . .           | 80.3             | 80.4            | .1                      | 88.3             | 88.0            | -.3                     | 72.6             | 73.1            | .5                      |
| 45 to 54 years . . . . .           | 77.8             | 77.5            | -.3                     | 85.6             | 84.3            | -1.3                    | 70.3             | 71.2            | .9                      |
| 55 to 64 years . . . . .           | 53.8             | 53.1            | -.7                     | 63.1             | 61.1            | -2.0                    | 45.4             | 45.3            | -.1                     |
| 65 years and over . . . . .        | 11.0             | 11.7            | .7                      | 15.2             | 15.8            | .6                      | 8.0              | 8.7             | .7                      |
| <b>Unemployed</b>                  |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over . . . .   | 8,714            | 9,359           | 645                     | 4,928            | 5,100           | 172                     | 3,785            | 4,259           | 474                     |
| 16 to 19 years . . . . .           | 1,302            | 1,485           | 183                     | 735              | 784             | 49                      | 567              | 700             | 133                     |
| 20 to 24 years . . . . .           | 1,417            | 1,472           | 55                      | 805              | 800             | -5                      | 613              | 673             | 60                      |
| 25 to 34 years . . . . .           | 2,354            | 2,511           | 157                     | 1,320            | 1,301           | -19                     | 1,034            | 1,210           | 176                     |
| 35 to 44 years . . . . .           | 1,868            | 1,940           | 72                      | 1,033            | 1,057           | 24                      | 835              | 883             | 48                      |
| 45 to 54 years . . . . .           | 1,112            | 1,190           | 78                      | 631              | 675             | 44                      | 482              | 516             | 34                      |
| 55 to 64 years . . . . .           | 550              | 581             | 31                      | 341              | 367             | 26                      | 209              | 214             | 5                       |
| 65 years and over . . . . .        | 110              | 180             | 70                      | 65               | 116             | 51                      | 45               | 63              | 18                      |
| <b>Unemployment rate</b>           |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Total, 16 years and over . . . .   | 6.8              | 7.3             | .5                      | 7.1              | 7.4             | .3                      | 6.5              | 7.1             | .6                      |
| 16 to 19 years . . . . .           | 19.0             | 20.6            | 1.6                     | 20.5             | 21.2            | .7                      | 17.4             | 20.0            | 2.6                     |
| 20 to 24 years . . . . .           | 10.5             | 10.7            | .2                      | 11.2             | 11.1            | -.1                     | 9.6              | 10.3            | .7                      |
| 25 to 34 years . . . . .           | 6.8              | 7.3             | .5                      | 6.9              | 6.9             | .0                      | 6.7              | 7.7             | 1.0                     |
| 35 to 44 years . . . . .           | 5.5              | 5.7             | .2                      | 5.6              | 5.7             | .1                      | 5.3              | 5.6             | .3                      |
| 45 to 54 years . . . . .           | 4.7              | 5.0             | .3                      | 5.0              | 5.4             | .4                      | 4.4              | 4.6             | .2                      |
| 55 to 64 years . . . . .           | 4.6              | 5.0             | .4                      | 5.1              | 5.7             | .6                      | 4.0              | 4.1             | .1                      |
| 65 years and over . . . . .        | 3.1              | 4.7             | 1.6                     | 3.2              | 5.4             | 2.2                     | 3.0              | 3.9             | .9                      |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

NOTE: Population estimates obtained from the two surveys will not always agree due to slight differences in estimating procedures.

# EXHIBIT A. COMPARISON OF KEY EMPLOYMENT AND UNEMPLOYMENT QUESTIONS

## CPS

1. What were you doing most of LAST WEEK -

(working or something else?)

(keeping house or something else?)

(going to school or something else?)

If answer indicates "with a job, but not at work" (either temporarily or on layoff), ask 2, and if 2 is "no" ask 4. If answer indicates "working," skip 2. All others, ask 2.

2. Did you do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator in household, ask about unpaid work.)

3. Did you have a job or business from which you were temporarily absent or on layoff LAST WEEK?

If "no," ask 5. If "yes," ask 4.

4. Why were you absent from work LAST WEEK?

5. Have you been looking for work during the past 4 weeks?

If "yes," ask 6.

6. What have you been doing in the last 4 weeks to find work?

## PARALLEL SURVEY

1. Does anyone in this household have a business or a farm?

2. LAST WEEK, did you do ANY work for (either) pay (or profit)?

Parentheticals in question filled in if anyone in the household has a business or farm.

If 1 is "yes" and 2 is "no," ask 3.

3. LAST WEEK, did you do any unpaid work in the family business or farm?

If 2 and 3 are both "no," ask 4.

4. LAST WEEK, (in addition to the business,) did you have a job, either full or part time? Include any job from which you were temporarily absent.

Parenthetical in question filled in if anyone in the household has a business or farm.

If 4 is "no," ask 5.

5. LAST WEEK, were you on layoff from a job?

If 5 is "yes," ask 6. If 5 is "no," ask 8.

6. Has your employer given you a date to return to work?

If "no," ask 7.

7. Have you been given any indication that you will be recalled to work within the next 6 months?

If "no," ask 8.

8. Have you been doing anything to find work during the last 4 weeks?

If "yes," ask 9.

9. What are all of the things you have done to find work during the last 4 weeks?

nesses and farms, where much of the previous "missing employment" seems to have taken place.

The series of questions on work in the former questionnaire may have also led to an overstatement of men's labor market activity, which was concentrated among men who were reported as having a job but absent from work. This is discussed in the section on characteristics of the employed.

### Unemployment

The new questionnaire (including the new collection procedures) yielded an overall unemployment rate half a percentage point higher than the CPS, 7.3 percent compared with 6.8 percent for the period January to December 1993. But, as with the employment-population ratio, this statistic hides variations among worker groups. Namely, the higher incidence of unemployment was statistically significant only for women, workers 65 years and over, and teenagers. The difference for men (0.3 percentage point higher in the parallel survey) was close to being statistically significant.

The new questionnaire had a relatively large effect on women's unemployment rate, which was 7.1 percent in the parallel survey compared with 6.5 percent based on the CPS. Unemployment in the parallel survey increased for both white women and black women. Among age groups, teenagers and workers 65 years and over had higher jobless rates in the parallel survey. The difference for the 25-to-34-year-old category was also statistically significant.

There are several differences between the old paper questionnaire and the revised automated questionnaire which could help to explain the higher unemployment rates obtained by the parallel survey. Part of the explanation is consistent with that given in the section on the employed. That is, the new questionnaire has a broader approach to both work and jobsearch activities, due at least in part to different messages communicated at the beginning of the survey. This could help to explain the higher unemployment rates among women, teenagers, and older workers, who are more likely to be looking for informal employment.

Also, older people in the new questionnaire who initially report that they are retired are asked, "Do you want a job either full or part time?" If they answer yes, they are asked the questions on jobsearch for potential classification as unemployed. The "part-time" reference may prompt some older workers to recall that they have looked for such a job.

Another part of the explanation for the differences relates to persons initially reported to be temporarily absent from jobs. It appears that a larger proportion of persons are reported as temporarily absent with the new questionnaire but are *not* classified as such because, when asked to provide a reason for their absence, they report they were "on layoff" or they cite "slack work/business conditions."

Such responses disqualify persons from being classified as employed and move them into the layoff/jobseeking question series.

A third part of the explanation is the direct question on layoff. Research has indicated that the former question on layoff was frequently misunderstood. The new direct question on layoff and a revised question on the reasons for absence produce a larger proportion of persons reported (but not classified) as on layoff in the parallel survey than in the CPS. When the criterion of expectation of recall is applied, nearly 60 percent of those initially reported to be on layoff are eliminated from this category. They are then routed to the series of questions on jobseeking, and, if they have an active jobsearch (which about half do), and are available to work, they will be counted among the unemployed.

It appears that, with the revised questions, a number of women are initially reported to be on layoff, although they had no expectation of recall. They do, however, meet the requirement of active jobsearch and thus were counted as unemployed. It is unknown how such persons would have responded to the previous questionnaire. The new questions, however, communicate a different message at the start of the interview which may be prompting more women to report a layoff status and an active jobsearch, resulting in a higher unemployment rate.

### Characteristics of the employed

*Multiple jobholding.* About 6.2 percent of all employed people held two or more jobs during the fourth quarter of 1993, according to findings from the parallel survey.<sup>6</sup>

As a result of the redesign, information on multiple jobholding is available each month; previously, this information had been obtained only in periodic supplements to the CPS. While truly comparable data are not available from the regular CPS, the most recent supplement, conducted in May 1991, also showed a multiple jobholding rate of 6.2 percent.

*Hours of work.* Hours actually worked were somewhat lower as estimated in the parallel survey compared with the CPS. Mean (average) hours for workers in nonagricultural industries were 38.9 per week with the new questionnaire, compared with 39.4 using the former questionnaire. The pattern held for both adult men and adult women. (See table 3.)

These findings reflect several changes to the questionnaire which were made to obtain more accurate information on hours worked per week. A recall strategy was embedded in the series of questions, asking first about

<sup>6</sup> Due to processing problems, data on multiple jobholding are not available for the first 9 months of 1993. The data presented here are October-December 1993 averages.

Table 3. Persons at work in nonagricultural industries by actual hours of work, sex, and age using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages

| Hours of work,<br>sex, and age     | Thousands of persons |                    |                              | Percent distribution |                    |                              |
|------------------------------------|----------------------|--------------------|------------------------------|----------------------|--------------------|------------------------------|
|                                    | CPS <sup>1</sup>     | Parallel<br>survey | Differ-<br>ence <sup>2</sup> | CPS <sup>1</sup>     | Parallel<br>survey | Differ-<br>ence <sup>2</sup> |
| <b>TOTAL</b>                       |                      |                    |                              |                      |                    |                              |
| Total at work .....                | 110,488              | 111,225            | 737                          | 100.0                | 100.0              | -                            |
| 1 to 34 hours .....                | 26,954               | 29,563             | 2,609                        | 24.4                 | 26.6               | 2.2                          |
| 1 to 14 hours .....                | 5,130                | 6,066              | 936                          | 4.6                  | 5.5                | .8                           |
| 15 to 29 hours .....               | 13,410               | 14,475             | 1,065                        | 12.1                 | 13.0               | .9                           |
| 30 to 34 hours .....               | 8,414                | 9,021              | 608                          | 7.6                  | 8.1                | .5                           |
| 35 hours and over .....            | 83,535               | 81,663             | -1,872                       | 75.6                 | 73.4               | -2.2                         |
| 35 to 39 hours .....               | 7,176                | 8,534              | 1,357                        | 6.5                  | 7.7                | 1.2                          |
| 40 hours .....                     | 42,523               | 38,717             | -3,806                       | 38.5                 | 34.8               | -3.7                         |
| 41 to 48 hours .....               | 11,528               | 13,684             | 2,157                        | 10.4                 | 12.3               | 1.9                          |
| 49 to 59 hours .....               | 13,004               | 12,158             | -845                         | 11.8                 | 10.9               | -.8                          |
| 60 hours and over .....            | 9,304                | 8,570              | -735                         | 8.4                  | 7.7                | -.7                          |
| Average hours, total at work ..... | 39.4                 | 38.9               | -.6                          | -                    | -                  | -                            |
| <b>Men, 20 years and over</b>      |                      |                    |                              |                      |                    |                              |
| Total at work .....                | 57,032               | 57,014             | -18                          | 100.0                | 100.0              | -                            |
| 1 to 34 hours .....                | 8,531                | 9,422              | 891                          | 15.0                 | 16.5               | 1.6                          |
| 1 to 14 hours .....                | 1,396                | 1,564              | 168                          | 2.4                  | 2.7                | .3                           |
| 15 to 29 hours .....               | 3,946                | 4,251              | 305                          | 6.9                  | 7.5                | .5                           |
| 30 to 34 hours .....               | 3,190                | 3,607              | 418                          | 5.6                  | 6.3                | .7                           |
| 35 hours and over .....            | 48,501               | 47,592             | -909                         | 85.0                 | 83.5               | -1.6                         |
| 35 to 39 hours .....               | 2,488                | 3,104              | 616                          | 4.4                  | 5.4                | 1.1                          |
| 40 hours .....                     | 22,777               | 21,033             | -1,743                       | 39.9                 | 36.9               | -3.0                         |
| 41 to 48 hours .....               | 6,980                | 8,387              | 1,408                        | 12.2                 | 14.7               | 2.5                          |
| 49 to 59 hours .....               | 9,161                | 8,513              | -648                         | 16.1                 | 14.9               | -1.1                         |
| 60 hours and over .....            | 7,096                | 6,554              | -542                         | 12.4                 | 11.5               | -.9                          |
| Average hours, total at work ..... | 43.1                 | 42.7               | -.4                          | -                    | -                  | -                            |
| <b>Women, 20 years and over</b>    |                      |                    |                              |                      |                    |                              |
| Total at work .....                | 48,308               | 48,956             | 648                          | 100.0                | 100.0              | -                            |
| 1 to 34 hours .....                | 14,681               | 16,311             | 1,630                        | 30.4                 | 33.3               | 2.9                          |
| 1 to 14 hours .....                | 2,537                | 3,259              | 722                          | 5.3                  | 6.7                | 1.4                          |
| 15 to 29 hours .....               | 7,416                | 8,106              | 690                          | 15.4                 | 16.6               | 1.2                          |
| 30 to 34 hours .....               | 4,728                | 4,945              | 217                          | 9.8                  | 10.1               | .3                           |
| 35 hours and over .....            | 33,627               | 32,645             | -983                         | 69.6                 | 66.7               | -2.9                         |
| 35 to 39 hours .....               | 4,390                | 5,119              | 729                          | 9.1                  | 10.5               | 1.4                          |
| 40 hours .....                     | 18,977               | 16,959             | -2,017                       | 39.3                 | 34.6               | -4.6                         |
| 41 to 48 hours .....               | 4,383                | 5,080              | 697                          | 9.1                  | 10.4               | 1.3                          |
| 49 to 59 hours .....               | 3,731                | 3,540              | -191                         | 7.7                  | 7.2                | -.5                          |
| 60 hours and over .....            | 2,146                | 1,947              | -200                         | 4.4                  | 4.0                | -.5                          |
| Average hours, total at work ..... | 36.8                 | 36.0               | -.8                          | -                    | -                  | -                            |
| <b>Both sexes, 16 to 19 years</b>  |                      |                    |                              |                      |                    |                              |
| Total at work .....                | 5,148                | 5,256              | 108                          | 100.0                | 100.0              | -                            |
| 1 to 34 hours .....                | 3,741                | 3,829              | 88                           | 72.7                 | 72.9               | .2                           |
| 1 to 14 hours .....                | 1,197                | 1,243              | 46                           | 23.3                 | 23.7               | .4                           |
| 15 to 29 hours .....               | 2,048                | 2,117              | 69                           | 39.8                 | 40.3               | .5                           |
| 30 to 34 hours .....               | 496                  | 469                | -27                          | 9.6                  | 8.9                | -.7                          |
| 35 hours and over .....            | 1,407                | 1,426              | 20                           | 27.3                 | 27.1               | -.2                          |
| 35 to 39 hours .....               | 298                  | 311                | 12                           | 5.8                  | 5.9                | .1                           |
| 40 hours .....                     | 770                  | 725                | -45                          | 15.0                 | 13.8               | -1.2                         |
| 41 to 48 hours .....               | 165                  | 217                | 52                           | 3.2                  | 4.1                | .9                           |
| 49 to 59 hours .....               | 112                  | 105                | -6                           | 2.2                  | 2.0                | -.2                          |
| 60 hours and over .....            | 62                   | 69                 | 7                            | 1.2                  | 1.3                | .1                           |
| Average hours, total at work ..... | 24.3                 | 24.3               | .0                           | -                    | -                  | -                            |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

usual hours, then about any time taken off and extra hours worked in the reference week, and finally about total hours actually worked. And, as described earlier, the questions related to employment were reworded to capture work activities more fully, especially informal, intermittent, and part-time work. The more complete measurement of this type of work could help to lower the average number of hours worked.

The parallel survey found a higher proportion of workers at the lower end of the hours spectrum. For example, nonagricultural workers who actually worked less than 15 hours in the reference week accounted for 5.5 percent of persons at work in the parallel survey, compared with 4.6 percent in the CPS. Those working between 15 and 29 hours in the reference week comprised 13.0 percent of persons at work in the parallel survey, compared with 12.1 percent in the CPS.

The proportion of workers reporting a workweek of exactly 40 hours was lower in the parallel survey than in the CPS. With the memory aids embedded into the new questions, workers are better able to recall exceptions to their usual schedule, resulting in less clustering at precisely 40 hours.

*Part-time employment.* Some of the most closely watched measures derived from the CPS pertain to part-time employment. The proportion of employed people who usually work part time (less than 35 hours per week) was larger in the parallel survey (17.0 percent) than in the CPS (16.3 percent). The difference in part-time employment was relatively largest for adult women. (See table 4.)

*Part time for economic reasons.* The proportion of employed persons working part time for economic reasons was substantially lower in the parallel survey. The differences were observed for all major demographic groups but were relatively larger for teenagers. Overall, the parallel survey found that 4.2 percent of employed persons were working part time for economic reasons, compared with an estimate of 5.3 percent from the CPS. In terms of numbers of people, this translates into 5.0 million people as measured by the parallel survey, compared with 6.3 million as measured by the CPS, a difference of 21 percent.

The smaller number and proportion of workers classified as part time for economic reasons in the parallel survey were observed among both those who usually work part time and those who usually work full time. Among those who usually work part time, the difference was more pronounced for adult women and teenagers. The decline among those who usually work full time did not differ significantly by demographic group.

The relatively large drop in the proportion of workers who usually work part time for economic reasons stems from two new criteria, formerly inferred, that are now explicit in the new questionnaire: Persons usually working part time are asked if they want to work full time and also

if they were available to accept a full-time job during the reference week. (For persons who usually work full time, these criteria are assumed to be met.) The first criterion—desire for full-time work—had a particularly large impact in reducing the estimate of economic part-time workers, while the second—availability—disqualified relatively few people. To provide a context for respondents, the question asking why those who want to work full time were working part time was reworded to provide examples of both economic and noneconomic reasons for working part time.

The difference in the proportion of full-time workers (as defined by their usual status) who were part time for economic reasons in the reference week can be at least partially traced to several changes in the questionnaire. For example, the parallel survey contains separate questions for people who usually and actually worked part time, reducing the incidence of coding errors. Also to obtain more accurate coding, the labels of some of the noneconomic response categories were expanded. For example, "own illness" was changed to "own illness/injury/medical appointment," and "on vacation" was changed to "vacation/personal day."

*Part time for noneconomic reasons.* The proportion of employed persons who worked part time for noneconomic reasons was markedly higher in the parallel survey (21.4 percent) compared with the CPS (18.6 percent). All major demographic groups showed a similar pattern.

These workers can be divided into two types—either they usually work full time or usually work part time. It is not uncommon for workers who are usually full time to have worked part time in the reference week, having taken time off for reasons such as vacation, holiday, or illness. The higher proportion of these workers in the parallel survey—7.3 percent of all employed people, compared with 5.3 percent in the CPS—reflects the more precise information regarding hours at work obtained from the recall strategy embedded in the new questions. It appears that the new questionnaire is indeed effective in prompting workers to remember exceptions to their usual schedule.

Most of the people who were part time for noneconomic reasons in the reference week usually work part time, often to give them more time for school, family, or other activities. The parallel survey also obtained a higher estimate of these workers—14.1 versus 12.7 percent. This differential reflects in part the new questionnaire's more stringent requirements to be classified as economic part time.

*Temporary absences.* While most employed people are actually at work in the reference week, some are found to be temporarily absent from their jobs for the full week. The proportion of employed persons classified as temporarily absent in the parallel survey (4.5 percent) was lower than the proportion found in the CPS (5.0 percent). This pattern held true for all major demographic groups except teenagers.

Table 4. Employed persons by usual full- or part-time status, sex, and age using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages

| Sex, age, and full- or part-time status | Thousands of persons |                 |                         | Percent distribution |                 |                         |
|---|----------------------|-----------------|-------------------------|----------------------|-----------------|-------------------------|
|   | CPS <sup>1</sup>     | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup>     | Parallel survey | Difference <sup>2</sup> |
| <b>TOTAL</b>                            |                      |                 |                         |                      |                 |                         |
| Total employed .....                    | 119,389              | 119,606         | 217                     | 100.0                | 100.0           | -                       |
| At work .....                           | 113,438              | 114,201         | 763                     | 95.0                 | 95.5            | .5                      |
| 35 hours or more .....                  | 85,617               | 83,610          | -2,007                  | 71.7                 | 69.9            | -1.8                    |
| 1 to 34 hours .....                     | 27,821               | 30,591          | 2,770                   | 23.3                 | 25.6            | 2.3                     |
| Part time for economic reasons .....    | 6,325                | 5,028           | -1,297                  | 5.3                  | 4.2             | -1.1                    |
| Usually work full time .....            | 1,988                | 1,501           | -487                    | 1.7                  | 1.3             | -.4                     |
| Usually work part time .....            | 4,337                | 3,527           | -810                    | 3.6                  | 2.9             | -.7                     |
| Part time for noneconomic reasons ..... | 21,496               | 25,563          | 4,067                   | 18.0                 | 21.4            | 3.4                     |
| Usually work full time .....            | 6,325                | 8,674           | 2,349                   | 5.3                  | 7.3             | 2.0                     |
| Usually work part time .....            | 15,171               | 16,889          | 1,718                   | 12.7                 | 14.1            | 1.4                     |
| With a job but not at work .....        | 5,951                | 5,405           | -546                    | 5.0                  | 4.5             | -.5                     |
| <b>Men, 20 years and over</b>           |                      |                 |                         |                      |                 |                         |
| Total employed .....                    | 61,884               | 61,284          | -600                    | 100.0                | 100.0           | -                       |
| At work .....                           | 59,198               | 59,065          | -133                    | 95.7                 | 96.3            | .6                      |
| 35 hours or more .....                  | 50,162               | 49,168          | -994                    | 81.1                 | 80.2            | -.8                     |
| 1 to 34 hours .....                     | 9,036                | 9,897           | 861                     | 14.6                 | 16.1            | 1.5                     |
| Part time for economic reasons .....    | 2,720                | 2,225           | -495                    | 4.4                  | 3.6             | -.8                     |
| Usually work full time .....            | 1,140                | 849             | -291                    | 1.8                  | 1.4             | -.5                     |
| Usually work part time .....            | 1,580                | 1,376           | -204                    | 2.6                  | 2.2             | -.3                     |
| Part time for noneconomic reasons ..... | 6,316                | 7,672           | 1,356                   | 10.2                 | 12.5            | 2.3                     |
| Usually work full time .....            | 3,006                | 4,187           | 1,181                   | 4.9                  | 6.8             | 2.0                     |
| Usually work part time .....            | 3,310                | 3,485           | 175                     | 5.3                  | 5.7             | .3                      |
| With a job but not at work .....        | 2,686                | 2,218           | -468                    | 4.3                  | 3.6             | -.7                     |
| <b>Women, 20 years and over</b>         |                      |                 |                         |                      |                 |                         |
| Total employed .....                    | 51,966               | 52,603          | 637                     | 100.0                | 100.0           | -                       |
| At work .....                           | 48,885               | 49,643          | 758                     | 94.1                 | 94.4            | .3                      |
| 35 hours or more .....                  | 33,967               | 32,957          | -1,010                  | 65.4                 | 62.7            | -2.7                    |
| 1 to 34 hours .....                     | 14,918               | 16,686          | 1,768                   | 28.7                 | 31.7            | 3.0                     |
| Part time for economic reasons .....    | 2,983                | 2,371           | -612                    | 5.7                  | 4.5             | -1.2                    |
| Usually work full time .....            | 744                  | 574             | -170                    | 1.4                  | 1.1             | -.3                     |
| Usually work part time .....            | 2,239                | 1,797           | -442                    | 4.3                  | 3.4             | -.9                     |
| Part time for noneconomic reasons ..... | 11,935               | 14,315          | 2,380                   | 23.0                 | 27.2            | 4.2                     |
| Usually work full time .....            | 3,169                | 4,292           | 1,123                   | 6.1                  | 8.2             | 2.1                     |
| Usually work part time .....            | 8,766                | 10,023          | 1,257                   | 16.9                 | 19.1            | 2.2                     |
| With a job but not at work .....        | 3,082                | 2,960           | -122                    | 5.9                  | 5.6             | -.3                     |
| <b>Both sexes, 16 to 19 years</b>       |                      |                 |                         |                      |                 |                         |
| Total employed .....                    | 5,540                | 5,719           | 179                     | 100.0                | 100.0           | -                       |
| At work .....                           | 5,357                | 5,492           | 135                     | 96.7                 | 96.0            | -.7                     |
| 35 hours or more .....                  | 1,488                | 1,485           | -3                      | 26.9                 | 26.0            | -.9                     |
| 1 to 34 hours .....                     | 3,869                | 4,007           | 138                     | 69.8                 | 70.0            | .2                      |
| Part time for economic reasons .....    | 623                  | 430             | -193                    | 11.2                 | 7.5             | -3.7                    |
| Usually work full time .....            | 104                  | 77              | -27                     | 1.9                  | 1.3             | -.5                     |
| Usually work part time .....            | 519                  | 353             | -166                    | 9.4                  | 6.2             | -3.2                    |
| Part time for noneconomic reasons ..... | 3,246                | 3,577           | 331                     | 58.6                 | 62.5            | 3.9                     |
| Usually work full time .....            | 150                  | 195             | 45                      | 2.7                  | 3.4             | .7                      |
| Usually work part time .....            | 3,096                | 3,382           | 286                     | 55.9                 | 59.1            | 3.2                     |
| With a job but not at work .....        | 183                  | 227             | 44                      | 3.3                  | 4.0             | .7                      |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

The new questionnaire appears to result in more accurate classification of workers who are temporarily absent. This may reflect several changes—the elimination of the major-activity question, the inclusion of separate direct questions on temporary absence and on layoff, and the rewording of the question on the reason for absences. Regarding the major-activity question in the former questionnaire, some responses may have given interviewers the impression that those respondents had a job from which they were absent, when in fact they did not have a job at all. Also, the direct questions on layoff in the new questionnaire allow some people to be properly classified as unemployed or not in the labor force, rather than being erroneously counted as absent from a job.

To emphasize the important role played by the series of questions on temporary absence, it is estimated that most of the drop in men's employment level in the parallel survey was attributed to a lower estimate for persons temporarily absent. The other category of employed persons, those at work, was essentially the same for men on both surveys.

*Class of worker.* In the aggregate, the distribution of employed persons by their "class-of-worker" status differed little between the two surveys. Wage and salary workers comprised about 88 percent of all workers in both the CPS and the parallel survey. This classification is further broken down into private and government workers. Again, there were no significant differences between the surveys, with the private sector accounting for about 73 percent and the government sector accounting for about 15 percent of all employed persons. Nearly all of the remaining 12 percent were classified as self-employed on both surveys. (See table 5.)

Only a small fraction of all workers were classified as unpaid family workers in the CPS, and the proportion was even smaller in the parallel survey. This may seem surprising, given the changes to the questionnaire designed to identify workers in family businesses. In fact, the new questions were successful; however, many persons reported as working in family businesses were also found to have received pay or profit from the business and thus were classified as wage and salary workers. Even in agriculture, where unpaid family workers are far more prevalent than in most other industries, the new questions resulted in a smaller proportion of such workers. In sum, the redesign's efforts to more accurately identify workers in family businesses resulted in more wage and salary workers compared with the former procedures.

Looking at the class-of-worker data by gender, the new series of questions obtained quite different results for men and women. For men, the parallel survey had a higher proportion in wage and salary work and a smaller proportion in self-employment. For women, the findings were just the reverse—a higher proportion of self-employed and a lower

proportion of wage and salary workers in the parallel survey. The level of self-employment among women was 4.8 million in the parallel survey, compared with 4.1 million in the CPS, which was equal to most of the increase in female employment in the parallel survey. Thus, the improved questions on work activity and the addition of questions on work in a family business resulted in more women being properly classified as self-employed.

*Occupation and industry.* The distribution of employed persons according to the occupation and industry of their job shifted somewhat under the new questionnaire. (See table 6.) For men, the parallel survey had a larger proportion employed in the managerial, professional, and technical categories, and a smaller proportion in sales occupations. The data suggest that the large decrease in the number of men who were employed but absent from their jobs in the parallel survey may have reduced their representation in occupations (such as sales) in which employment arrangements may be more tenuous.

Looking at the industry distributions for men, the parallel survey had a higher proportion in manufacturing and educational services and a smaller proportion in retail trade, mining, public administration, and private households. As a partial explanation of these differences, it is hypothesized that the classification of fewer men as temporarily absent from work as a result of the revised questionnaire reduces their representation in industries with more informal or irregular employment, such as trade and private households.

Among women, a higher proportion in the parallel survey were working in managerial and farming occupations. This is consistent with evidence presented earlier that the new questionnaire is measuring more women working in family businesses or farms and in their own businesses. A smaller proportion were in administrative support and private household positions.

The distribution by industry for women showed that only one industry, agriculture, had a higher proportion of workers in the parallel survey than in the CPS. (Evidence suggests that the former survey may have underestimated employment of women in agriculture by 25 percent.) Proportions as measured by the parallel survey were lower in public administration and private households.

*Earnings.* Median weekly earnings of full-time wage and salary workers were somewhat higher under the revised questionnaire (\$462) than under the CPS (\$450). The parallel survey found higher median earnings for men but no difference in earnings for women. Among part-time workers, total earnings and those for men were also slightly higher in the parallel survey. (See table 7.)

Both in the parallel survey and in the full CPS, estimates of earnings are based on data collected from one-quarter of the sample each month. It should be noted that due to the

Table 5. Employed persons by class of worker and sex using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages

| Class of worker and sex          | Thousands of persons |                 |                         | Percent distribution |                  |                         |
|----------------------------------|----------------------|-----------------|-------------------------|----------------------|------------------|-------------------------|
|                                  | CPS <sup>1</sup>     | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup>     | Parallel survey  | Difference <sup>2</sup> |
| <b>TOTAL</b>                     |                      |                 |                         |                      |                  |                         |
| Total employed .....             | 119,389              | 119,606         | 217                     | 100.0                | 100.0            | -                       |
| Agriculture .....                | 3,080                | 3,175           | 95                      | 2.6                  | 2.7              | .1                      |
| Wage and salary workers .....    | 1,488                | 1,487           | -1                      | 1.2                  | 1.2              | .0                      |
| Private industries .....         | 1,476                | 1,439           | -37                     | 1.2                  | 1.2              | .0                      |
| Government .....                 | 12                   | 48              | 36                      | ( <sup>3</sup> )     | ( <sup>3</sup> ) | -                       |
| Self-employed workers .....      | 1,488                | 1,632           | 144                     | 1.2                  | 1.4              | .1                      |
| Incorporated .....               | 159                  | 172             | 13                      | .1                   | .1               | .0                      |
| Other .....                      | 1,328                | 1,460           | 132                     | 1.1                  | 1.2              | .1                      |
| Unpaid family workers .....      | 100                  | 56              | -49                     | .1                   | ( <sup>3</sup> ) | -                       |
| Nonagricultural industries ..... | 116,309              | 116,432         | 123                     | 97.4                 | 97.3             | -.1                     |
| Wage and salary workers .....    | 103,703              | 103,897         | 194                     | 86.9                 | 86.9             | .0                      |
| Private industries .....         | 85,194               | 85,835          | 641                     | 71.4                 | 71.8             | .4                      |
| Government .....                 | 18,509               | 18,062          | -447                    | 15.5                 | 15.1             | -.4                     |
| Self-employed workers .....      | 12,397               | 12,369          | -28                     | 10.4                 | 10.3             | .0                      |
| Incorporated .....               | 3,413                | 3,759           | 346                     | 2.9                  | 3.1              | .3                      |
| Other .....                      | 8,984                | 8,611           | -373                    | 7.5                  | 7.2              | -.3                     |
| Unpaid family workers .....      | 208                  | 166             | -42                     | .2                   | .1               | .0                      |
| <b>Men</b>                       |                      |                 |                         |                      |                  |                         |
| Total employed .....             | 64,727               | 64,200          | -527                    | 100.0                | 100.0            | -                       |
| Agriculture .....                | 2,444                | 2,366           | -78                     | 3.8                  | 3.7              | -.1                     |
| Wage and salary workers .....    | 1,149                | 1,154           | 35                      | 1.8                  | 1.8              | .1                      |
| Private industries .....         | 1,142                | 1,165           | 23                      | 1.8                  | 1.8              | .1                      |
| Government .....                 | 8                    | 18              | 10                      | ( <sup>3</sup> )     | ( <sup>3</sup> ) | -                       |
| Self-employed workers .....      | 1,257                | 1,158           | -99                     | 1.9                  | 1.8              | -.1                     |
| Incorporated .....               | 132                  | 113             | -19                     | .2                   | .2               | -                       |
| Other .....                      | 1,125                | 1,045           | -80                     | 1.7                  | 1.6              | -.1                     |
| Unpaid family workers .....      | 37                   | 24              | -13                     | .1                   | ( <sup>3</sup> ) | -                       |
| Nonagricultural industries ..... | 62,284               | 61,834          | -449                    | 96.2                 | 96.3             | .1                      |
| Wage and salary workers .....    | 53,685               | 53,758          | 73                      | 82.9                 | 83.7             | .8                      |
| Private industries .....         | 45,297               | 45,480          | 183                     | 70.0                 | 70.8             | .9                      |
| Government .....                 | 8,387                | 8,278           | -109                    | 13.0                 | 12.9             | -.1                     |
| Self-employed workers .....      | 8,554                | 8,022           | -532                    | 13.2                 | 12.5             | -.7                     |
| Incorporated .....               | 2,656                | 2,703           | 47                      | 4.1                  | 4.2              | .1                      |
| Other .....                      | 5,898                | 5,319           | -579                    | 9.1                  | 8.3              | -.8                     |
| Unpaid family workers .....      | 45                   | 54              | 9                       | .1                   | .1               | .0                      |
| <b>Women</b>                     |                      |                 |                         |                      |                  |                         |
| Total employed .....             | 54,662               | 55,406          | 744                     | 100.0                | 100.0            | -                       |
| Agriculture .....                | 636                  | 808             | 172                     | 1.2                  | 1.5              | .3                      |
| Wage and salary workers .....    | 338                  | 303             | -35                     | .6                   | .5               | -.1                     |
| Private industries .....         | 334                  | 274             | -60                     | .6                   | .5               | -.1                     |
| Government .....                 | 4                    | 29              | 25                      | ( <sup>3</sup> )     | .1               | -                       |
| Self-employed workers .....      | 231                  | 474             | 243                     | .4                   | .9               | .4                      |
| Incorporated .....               | 28                   | 59              | 31                      | .1                   | .1               | .1                      |
| Other .....                      | 203                  | 415             | 212                     | .4                   | .7               | .4                      |
| Unpaid family workers .....      | 67                   | 31              | -36                     | .1                   | .1               | .1                      |
| Nonagricultural industries ..... | 54,025               | 54,597          | 572                     | 98.8                 | 98.5             | -.3                     |
| Wage and salary workers .....    | 50,019               | 50,139          | 120                     | 91.5                 | 90.5             | -1.0                    |
| Private industries .....         | 39,897               | 40,355          | 458                     | 73.0                 | 72.8             | -.2                     |
| Government .....                 | 10,122               | 9,784           | -338                    | 18.5                 | 17.7             | -.9                     |
| Self-employed workers .....      | 3,844                | 4,347           | 503                     | 7.0                  | 7.8              | .8                      |
| Incorporated .....               | 757                  | 1,056           | 299                     | 1.4                  | 1.9              | .5                      |
| Other .....                      | 3,087                | 3,291           | 204                     | 5.6                  | 5.9              | .3                      |
| Unpaid family workers .....      | 163                  | 111             | -52                     | .3                   | .2               | -.1                     |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

Less than 0.05 percent.

**Table 6. Employed persons by occupation, industry, and sex using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages**

(Percent distribution)

| Occupation and industry   | Total            |                 |                         | Men              |                 |                         | Women            |                 |                         |
|---|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|
|   | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> | CPS <sup>2</sup> | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> |
| <b>OCCUPATION</b>   |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Managerial and professional specialty .....                     | 27.1             | 28.2            | 1.1                     | 26.1             | 27.3            | 1.2                     | 28.4             | 29.2            | 0.8                     |
| Executive, administrative, and managerial .....                 | 12.9             | 13.6            | .7                      | 13.8             | 14.3            | .5                      | 11.9             | 12.8            | .9                      |
| Professional specialty .....                                    | 14.2             | 14.6            | .4                      | 12.3             | 13.0            | .7                      | 16.5             | 16.4            | .0                      |
| Technical, sales, and administrative support .....              | 30.8             | 30.5            | -.3                     | 20.5             | 20.3            | -.2                     | 42.9             | 42.3            | -.7                     |
| Technicians and related support .....                           | 3.4              | 3.6             | .2                      | 3.1              | 3.5             | .4                      | 3.7              | 3.8             | .1                      |
| Sales occupations .....   | 11.9             | 11.8            | -.1                     | 11.4             | 11.0            | -.4                     | 12.6             | 12.7            | .2                      |
| Administrative support, including clerical .....                | 15.5             | 15.1            | -.4                     | 6.0              | 5.9             | -.1                     | 26.7             | 25.8            | -.9                     |
| Service occupations .....                                       | 13.9             | 13.5            | -.4                     | 10.3             | 9.9             | -.5                     | 18.0             | 17.7            | -.3                     |
| Private households .....  | .8               | .7              | -.1                     | .1               | .1              | .0                      | 1.6              | 1.4             | -.2                     |
| Protective service .....  | 1.8              | 1.7             | -.1                     | 2.8              | 2.6             | -.1                     | .7               | .6              | -.1                     |
| Service, except private households and protective service ..... | 11.3             | 11.2            | -.1                     | 7.5              | 7.2             | -.3                     | 15.8             | 15.7            | .0                      |
| Precision production, craft, and repair .....                   | 11.2             | 10.9            | -.3                     | 18.9             | 18.6            | -.3                     | 2.1              | 2.0             | -.1                     |
| Operators, fabricators, and laborers .....                      | 14.3             | 14.1            | -.2                     | 19.9             | 19.7            | -.2                     | 7.7              | 7.7             | .0                      |
| Machine operators, assemblers, and inspectors .....             | 6.2              | 6.3             | .1                      | 7.0              | 7.1             | .1                      | 5.2              | 5.4             | .2                      |
| Transportation and material moving occupations .....            | 4.2              | 4.0             | -.2                     | 7.0              | 6.8             | -.2                     | .9               | .7              | -.1                     |
| Handlers, equipment cleaners, helpers, and laborers .....       | 3.9              | 3.8             | -.1                     | 5.8              | 5.7             | -.1                     | 1.5              | 1.5             | .0                      |
| Farming, forestry, and fishing .....                            | 2.8              | 2.8             | .0                      | 4.4              | 4.3             | -.1                     | .9               | 1.2             | .2                      |
| <b>INDUSTRY</b>   |                  |                 |                         |                  |                 |                         |                  |                 |                         |
| Agriculture .....   | 2.6              | 2.7             | .1                      | 3.8              | 3.7             | -.1                     | 1.2              | 1.5             | .3                      |
| Mining .....  | .0               | .4              | .4                      | .9               | .6              | -.3                     | .2               | .1              | -.1                     |
| Construction .....  | 6.1              | 5.9             | -.2                     | 10.3             | 9.9             | -.4                     | 1.1              | 1.2             | .1                      |
| Manufacturing .....   | 16.4             | 17.3            | .9                      | 20.5             | 21.9            | 1.4                     | 11.6             | 12.0            | .4                      |
| Durable goods .....   | 9.5              | 10.1            | .6                      | 12.8             | 13.9            | 1.1                     | 5.5              | 5.7             | .2                      |
| Nondurable goods .....  | 6.9              | 7.2             | .3                      | 7.6              | 8.0             | .4                      | 6.0              | 6.2             | .2                      |
| Transportation and public utilities .....                       | 7.1              | 6.9             | -.2                     | 9.4              | 9.2             | -.2                     | 4.4              | 4.2             | -.3                     |
| Wholesale and retail trade .....                                | 20.7             | 20.5            | -.2                     | 20.4             | 19.8            | -.5                     | 21.2             | 21.3            | .1                      |
| Wholesale trade .....   | 3.9              | 4.0             | .1                      | 5.1              | 5.2             | .1                      | 2.4              | 2.6             | .2                      |
| Retail trade .....  | 16.9             | 16.5            | -.3                     | 15.3             | 14.7            | -.6                     | 18.8             | 18.7            | -.1                     |
| Finance, insurance, and real estate .....                       | 6.7              | 6.6             | -.1                     | 5.1              | 5.1             | .0                      | 8.5              | 8.4             | -.1                     |
| Services .....  | 35.0             | 35.3            | .3                      | 24.7             | 25.0            | .3                      | 47.3             | 47.2            | -.1                     |
| Private households .....  | .9               | .8              | -.1                     | .2               | .1              | -.1                     | 1.8              | 1.6             | -.2                     |
| Other service industries .....                                  | 34.1             | 34.5            | .4                      | 24.5             | 24.9            | .4                      | 45.5             | 45.7            | .2                      |
| Educational services .....                                      | 7.9              | 8.3             | .3                      | 4.7              | 5.2             | .5                      | 11.8             | 11.8            | .0                      |
| Public administration .....                                     | 4.8              | 4.5             | -.4                     | 5.1              | 4.8             | -.3                     | 4.5              | 4.1             | -.4                     |

<sup>1</sup> These distributions differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

extremely small sample on which earnings data from the parallel survey are based, these data are subject to even greater variability than other data from the parallel survey.

In the new questionnaire, respondents are asked to report their earnings in the time frame that is easiest for them, rather than forcing them to report a weekly amount as had been the case. Results from the parallel survey indicate that, when given a choice, only a relatively small proportion of respondents chose to report on a weekly basis.

The breakdown of respondents' preferences in reporting earnings was:

|               |              |
|---------------|--------------|
| Hourly        | 38.4 percent |
| Annually      | 21.8         |
| Weekly        | 21.3         |
| Biweekly      | 7.4          |
| Monthly       | 6.4          |
| Twice a month | 2.4          |
| Other         | 2.3          |

For minimum wage studies, information is also collected on the number and wage rate of persons who are paid at hourly rates. In the revised questionnaire, individuals who choose to report their earnings on a basis other than hourly are asked directly whether they were paid at an hourly rate. If so, they are asked what their hourly rate of pay is. In the parallel survey, 61 percent of workers reported being paid by the hour, somewhat higher than the 59 percent reported in the CPS.<sup>1</sup>

#### Characteristics of the unemployed

The new questionnaire had a greater incidence of unemployment overall, with significantly higher rates for certain worker groups. This section explores the effect of the new procedures on selected characteristics of the unemployed, including persons on layoff, and reasons for and duration of unemployment.

**On layoff.** As described earlier, the series on workers on layoff was revamped to obtain more accurate information, particularly relating to the expectation of recall. As measured in the parallel survey, the percentage of the unemployed accounted for by persons on layoff was 12.8 percent, essentially the same as the 12.5 percent obtained from the CPS. (See table 8.)

The proportion of unemployed men who were on layoff was not statistically significant between surveys. On the other hand, the proportion of unemployed women who were on layoff was higher in the parallel survey compared with the CPS. For men, there appeared to have been several offsetting effects. In the parallel survey, people were asked a direct question — "LAST WEEK, were you on layoff from a job?" — and more were initially reported to be on layoff. But when the questions on expectations of recall were posed, some did not meet these criteria. As a result, the number of men on layoff ended up to be about the same under the old and new questionnaires.

For women, these offsetting effects are also present, but in addition it is suspected that other changes to the questionnaire, such as the elimination of the initial labor force question, the specificity of the work for pay question and the direct layoff question, prompted more women to report labor market activities. Greater reporting of such activities by women could contribute to the higher proportion of unemployed women on layoff in the parallel survey.

Those who are initially reported to be on layoff, but do not meet the expectation of recall, are asked the series of questions on jobsearch, and most are found to have looked for work within the prior 4-week period. If so, they are still counted as unemployed, but as "jobseekers," rather than persons on layoff.

**Duration of unemployment.** Measures of both mean and median duration were little different between the old and

new procedures. The mean duration in the parallel survey was 19.7 weeks, compared with 18.1 weeks in the CPS, and the median duration was 9 weeks, compared with 8 weeks.

Several changes were made to the unemployment duration measure, including one which allowed respondents to report duration in weeks, months, or years, as they prefer, rather than only in weeks, as in the former questionnaire. This change was designed to make it easier for the longer-term unemployed to report their length of jobsearch, and, in fact, the parallel survey obtained relatively more reports of longer-term joblessness.

Another change involved dependent interviewing. As mentioned in the section on computerization, duration of unemployment is automatically updated by either 4 or 5 weeks each month (depending on the number of weeks between surveys) as long as a person continues to be unemployed.

**Reasons for unemployment.** The unemployed are classified by their activity immediately prior to becoming unemployed. These "reasons for unemployment" include having lost a job (including persons on layoff), having left a job to seek a new one, or being either new entrants or reentrants to the labor force. Several changes to the questionnaire — both definitional and operational — resulted in differences in the way the unemployed are distributed among these categories.

There was a higher proportion of the unemployed counted as reentrants in the parallel survey (32.7 percent) compared with the CPS (24.6 percent) and a smaller proportion of new entrants (6.7 versus 10.2 percent). These estimates were affected by the increase in the overall number of unemployed, some of whom were coming from outside the labor force and increasing the ranks of reentrants. Also, the seemingly minor modification to the definition of entrants, which was broadened to take into account any type of job, and not just a full-time job of at least 2 weeks duration, affected the estimates of new entrants and reentrants.

Table 7. Median weekly earnings of full- and part-time wage and salary workers by sex using 1980 census-based population estimates from the CPS and the parallel survey; 1993 annual averages  
(In current dollars)

| Category                 | CPS <sup>1</sup> | Parallel survey | Difference |
|--------------------------|------------------|-----------------|------------|
| <b>Full-time workers</b> |                  |                 |            |
| Total .....              | \$450            | \$462           | \$12       |
| Men .....                | 509              | 529             | 20         |
| Women .....              | 400              | 400             | -          |
| <b>Part-time workers</b> |                  |                 |            |
| Total .....              | 130              | 133             | 3          |
| Men .....                | 120              | 127             | 7          |
| Women .....              | 136              | 135             | -1         |

<sup>1</sup> These estimates pertaining to hourly paid workers are based on the average of the 6 months from September 1992 to February 1993.

<sup>2</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedures used.

**Table 8. Unemployed persons by reason for and duration of unemployment using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages**

| Reason and duration                        | Thousands of persons |                 |                         | Percent distribution |                 |                         |
|--|----------------------|-----------------|-------------------------|----------------------|-----------------|-------------------------|
|  | CPS <sup>1</sup>     | Parallel survey | Difference <sup>2</sup> | CPS <sup>1</sup>     | Parallel survey | Difference <sup>2</sup> |
| <b>REASON</b>                              |                      |                 |                         |                      |                 |                         |
| Total unemployed .....                     | 8,714                | 9,358           | 644                     | 100.0                | 100.0           | -                       |
| Job losers .....                           | 4,731                | 3,820           | -911                    | 54.3                 | 40.8            | -13.5                   |
| On layoff .....                            | 1,091                | 1,202           | 111                     | 12.5                 | 12.8            | .3                      |
| Other job losers .....                     | 3,640                | 2,618           | -1,022                  | 41.8                 | 28.0            | -13.8                   |
| Persons who completed temporary jobs ..... | ( <sup>3</sup> )     | 985             | ( <sup>3</sup> )        | ( <sup>3</sup> )     | 10.5            | ( <sup>3</sup> )        |
| Job leavers .....                          | 940                  | 801             | -88                     | 10.9                 | 9.2             | -1.7                    |
| Reentrants .....                           | 2,143                | 3,064           | 921                     | 24.6                 | 32.7            | 8.1                     |
| New entrants .....                         | 890                  | 629             | -261                    | 10.2                 | 6.7             | -3.5                    |
| <b>DURATION</b>                            |                      |                 |                         |                      |                 |                         |
| Less than 5 weeks .....                    | 3,138                | 2,801           | -337                    | 36.0                 | 29.9            | -6.1                    |
| 5 to 14 weeks .....                        | 2,562                | 2,968           | 406                     | 29.4                 | 31.7            | 2.3                     |
| 15 weeks and over .....                    | 3,015                | 3,590           | 575                     | 34.6                 | 38.4            | 3.8                     |
| 15 to 26 weeks .....                       | 1,250                | 1,476           | 226                     | 14.3                 | 15.8            | 1.5                     |
| 27 weeks and over .....                    | 1,765                | 2,114           | 349                     | 20.3                 | 22.6            | 2.3                     |
| 27 to 51 weeks .....                       | 747                  | 899             | 152                     | 8.6                  | 9.6             | 1.0                     |
| 52 weeks and over .....                    | 1,018                | 1,215           | 197                     | 11.7                 | 13.0            | 1.3                     |
| Average (mean) duration, in weeks .....    | 18.1                 | 19.7            | 1.6                     | -                    | -               | -                       |
| Median duration, in weeks .....            | 8.0                  | 9.0             | 1.0                     | -                    | -               | -                       |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

<sup>3</sup> Not available.

"Completed temporary job" was added as a major reason for unemployment category, based on a revised question posed to jobseekers who were working before they started looking for work: "Did you lose or quit that job, or was it a temporary job that ended?" Under the old questionnaire, most people who became unemployed when their temporary job ended were classified as "job losers." Under the new procedures, persons who completed temporary jobs accounted for about 11 percent of all unemployed. The job loser proportion was lowered by close to this magnitude.

**Other changes.** As discussed in the section on major questionnaire changes, the distinction between active and passive jobsearch methods is a crucial one, and, in the new questionnaire, response categories were reordered and expanded for greater accuracy in classifying responses. Two passive methods—"looked at ads" and "attended job training programs/courses"—were added to the list, as was a category called "other passive." In the past, interviewers were instructed to code passive jobsearch methods as "nothing" and other active methods as "other," but there was evidence that some passive methods were being miscoded as "other." Also, it is quite possible that some active jobsearches were miscoded as "nothing."

The question on whether a person looked for a job during the last 4 weeks was reworded to convey a broader concept of jobsearch activity (see exhibit A), and followup questions were added to obtain a full accounting of the jobsearch methods used. The parallel survey yielded a somewhat higher proportion of individuals who gave passive reasons only—4.4 versus 3.2 percent of everyone receiving the jobsearch question.

#### Labor force

The labor force participation rate, that is, the percentage of the population that is either employed or unemployed, was higher in the parallel survey than in the CPS. For all workers, the labor force participation rate using the new questions was 66.6 percent, compared with 66.2 percent in the CPS. (See tables 1 and 2.)

Women's participation rate was 59.1 percent in the parallel survey, compared with 57.9 percent in the CPS. Teenagers and older workers also had higher participation rates in the parallel survey than in the CPS. The labor force participation rate for men, however, was somewhat lower in the parallel survey—74.8 versus 75.2 percent.

To explain the differences in participation rates among certain demographic groups, the arguments used to explain variations in employment and unemployment apply.

That is, the new questionnaire generally obtains more labor force activity, especially for those worker groups which have traditionally had more part-time or irregular participation.

### Not in the labor force

Given the greater proportion of labor force participants in the parallel survey compared with the CPS, it follows that the percentage of the population that was out of the labor force was lower in the parallel survey, 33.4 percent compared with 33.8 percent. The "not in the labor force" group is large and diverse, including retirees, homemakers, students, the ill and disabled, and all others who are neither working nor looking for work.

*Discouraged workers.* Within the "all others" category is a group of particular interest—discouraged workers. These are people who want jobs but have not searched for work in the prior month because they believe there are no jobs to be found or none for which they could qualify.

As discussed in the section on definitional changes, the definition of discouraged workers was made more restrictive by requiring some search activity within the prior year and availability to work. These two new criteria, especially the former, contributed to a substantially reduced number of discouraged workers in the parallel survey compared with the CPS. (See table 9.)

Most, but not all, of the reduction in discouragement is due to the change in definition, but other changes in the questionnaire played a role also. Even when estimates based on the former definition were compared, the parallel survey estimates remained lower than those from the CPS.

Data on a larger group of persons outside the labor force, one that includes discouraged workers as well as persons who desire work but give other reasons for not searching (such as child-care problems, family responsibilities, school, or transportation problems) may also be relevant for analysis. This group is made up of persons who want a job, are available to work, and have looked for work within the past year. They constitute 2.1 percent of the not-in-the-labor-force group in the parallel survey. There is no comparable figure for the CPS, since the old questionnaire did not ask about recency of jobsearch for those not in the labor force.

*Retired and disabled persons.* One of the most frequent complaints from respondents and interviewers about the former questionnaire was the burden it placed on retired and disabled people, who every month were asked a series of questions on labor force activity which had no relevance to their situation. In the new questionnaire, several changes were made to address this problem. In the case of retirees 50 years and over, the first month they volunteer that they are retired they are skipped to a question asking whether they currently want a job (either full or part time). If they do not want a job, the interview is ended. In subse-

quent months, through dependent interviewing, they are asked if they did any work in the last week. If not, it is verified that they are still retired and do not want a job. Nearly all of the people who were identified as retired in previous months verify that they are still retired in the subsequent month.

Similar changes were made to reduce the burden for those who volunteer that they are disabled or unable to work. (The latter category is intended to cover people with a temporary illness or injury who might not perceive themselves as disabled, a term which may have a more permanent connotation.) Individuals who are reported as disabled or unable to work are asked a followup question to determine if they will be able to do any gainful work in the next 6 months. If they won't, the interview is ended. In subsequent months, they are asked if they worked in the prior week. If not, they are asked to simply verify their previous month's status as disabled or unable to work.

It is important to be aware of the fact that the "shortcut" offered to older survey participants did not reduce the count of older persons who are active in the labor market. On the contrary, the parallel survey obtained a larger labor force among the older population than did the CPS. As explained in the sections on employment and unemployment, the new questions appeared to capture more part-time and irregular work, as well as more jobsearch for these types of work, resulting in higher estimates of labor force activity for several groups, including older workers.

It should also be noted that the response categories of "retired and disabled" were intended merely to reduce the burden of participating in the survey, not to provide a complete count of retired or disabled persons. Such classi-

Table 9. Discouraged workers by sex and age using 1980 census-based population estimates from the CPS and the parallel survey, 1993 annual averages

(In thousands)

| Category                  | CPS <sup>1</sup> | Parallel survey | Difference <sup>2</sup> |
|---------------------------|------------------|-----------------|-------------------------|
| Not in labor force, total | 65,447           | 64,585          | -862                    |
| Discouraged workers:      |                  |                 |                         |
| Total                     | 1,127            | 424             | -703                    |
| Men                       | 523              | 221             | -302                    |
| Women                     | 604              | 204             | -400                    |
| 16 to 24 years            | 222              | 114             | -108                    |
| Men                       | 120              | 67              | -53                     |
| Women                     | 102              | 47              | -55                     |
| 25 years and over         | 905              | 311             | -594                    |
| Men                       | 404              | 154             | -250                    |
| Women                     | 502              | 157             | -345                    |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> These differences may not equal the results obtained from comparing the values shown in the table because of independent rounding.

fications in the survey depend strictly on individuals' volunteering the information. No attempt is made to determine if those who say they are retired ever worked at a paying job or met any other specific criteria. Moreover, persons active in the labor force market who are also retired from previous careers or disabled are classified as employed or unemployed rather than as not in the labor force (retired or disabled).

## Historical Comparability

The new questionnaire and mode of data collection will result in changes for most estimates. Examination of the parallel survey data has helped quantify the magnitude of these differences and identify their possible causes. BLS will not, however, use the parallel survey data to reissue official estimates. Instead, BLS will provide estimates and suggestions in the form of research series and publications, in order to aid individuals who examine CPS data historically.

Some of the techniques being investigated for use in the construction of historical research series include the imposition of old definitions on the data collected beginning in January 1994, construction of new definitions with data collected prior to January 1994, the use of measurement error models to explore the structural relationship between the CPS and the parallel survey data in order to predict what the CPS estimates would have been had the new procedures been used prior to January 1994, the exploration of geographic variation to gain insight into the effects of the new questionnaire and procedures at different levels of unemployment, and the tracking of the CPS and parallel survey data with other concurrent measures of economic activity.

Considerable analysis of the aggregate unemployment rate has already been completed and is available from BLS upon request. Work on other labor market series will be coming out over the next 12 to 18 months.<sup>3</sup>

Also for comparability, BLS and the Bureau of the Census will, for a period, continue to conduct the "old CPS" — that is, with the old questionnaire and paper and pencil procedure, using the 12,000 household sample in the 1992-93 parallel survey. Current plans call for data from this second parallel survey to be made available in July 1994 after the effects of switching respondents and interviewers from the automated survey to the paper survey have been investigated. It is important for data users and the public to know that data from the second parallel survey are being collected for the purposes of historical com-

parisons only. The official unemployment rate estimates will continue to be derived from the 60,000 household sample that, as of January 1994, is administered with the new automated questionnaire. Given its small sample size, estimates from the second parallel survey will have a great deal of variability and thus reduced reliability. Specifically, the standard error on a 3-month national unemployment rate from the 12,000 household second parallel survey will be more than twice as large as the standard error from the 60,000 household sample. To put this in perspective, data from the second parallel survey would have to be aggregated together for more than a year to obtain a level of variability as small as that obtained for 1 month of CPS data collected from the 60,000 household sample.

## Introduction of 1990 Census-Based Population Controls

**Derivation of 1990 census-based population controls, with adjustment for net census undercoverage**

Beginning with the CPS estimates for January 1994, the independent national population controls used for the age-sex-race groups in the second-stage estimation procedure are being prepared by projecting forward the resident population as enumerated on April 1, 1990. Also, for the first time, estimates of the decennial census undercount, obtained from the Post Enumeration Survey (PES), are being added to the population controls.

Current month CPS estimates of the population are adjusted to agree with independent population controls. These controls are developed from a variety of sources, as described below. In the second-stage estimation procedure, the CPS sample weights are adjusted to ensure that sample-based estimates of population match the independent controls. The CPS population estimates are consistent with three sets of controls for:

- 1) 50 States and the District of Columbia
- 2) 14 Hispanic and 5 non-Hispanic age-sex groups
- 3) 66 white, 42 black, and 10 other race-age-sex groups

The first set of controls is restricted to the civilian noninstitutional population (16 years and over) and the remaining controls are developed for the civilian noninstitutional population plus noninstitutionalized children 15 years and under.

Since the population controls are derived primarily from non-survey data, they are assumed to contain no sampling error and thus do not contribute to the variance of the survey estimates. The second-stage ratio adjustment reduces the variability of those CPS estimates which are

<sup>3</sup> For preliminary findings from this research, see two BLS Technical Reports: "What Would the Unemployment Rate Have Been Had the Redesign Current Population Survey Been in Place From September 1992 to December 1993? A Measurement Error Analysis," by Stephen M. Miller (Telephone 202-606-7379); and "Predicting the National Unemployment Rate That the 'Old' CPS Would Have Produced," by Richard Tiller (Telephone 202-606-6370).

correlated with the population — particularly estimates of employment and civilian labor force. At the same time, the adjustment partially corrects for CPS undercoverage of certain demographic groups, most notably Hispanics.

The 1990-based independent population controls are aggregates of more detailed population projections and are developed in a manner similar to earlier controls. Decennial census data and a variety of administrative and survey information are used to "age forward" estimates of the population to the current month, adjust for births and deaths, account for net migration, and then subtract the counts of Armed Forces and institutionalized persons. The population figures derived in this manner are projections based on administrative estimates, in contrast to the survey-based estimates of population obtained from the CPS. A description of the method used to make the 1990-based projections is given here.

The base figures for the resident population are derived from the 1990 decennial census, which has an official reference date of April 1, 1990. (The resident population includes all persons living in the United States, regardless of age, institutional status, or Armed Forces membership.) The age distribution is modified to correct for lags between the census date and the actual date of interview. The race distribution is modified to be consistent with OMB Directive 15, which stipulates that persons of unspecified race, mostly persons of Hispanic origin, are allocated to one of four race categories (white; black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander). As a result of these changes, the base figures differ in age and race distribution from figures published by the Bureau of the Census in decennial census reports. For details, see *U.S. Bureau of the Census, Publication CPH-L-74, Age, Sex, Race, and Hispanic Origin Information from the 1990 Census: a Comparison of Census Results with Results where Age and Race have been Modified*. The Bureau of the Census also develops estimates of the April 1, 1990 population, independent of the 1990 census, using methods of demographic analysis. These estimates are also used in developing the population controls for CPS.

A myriad of data sources are tapped to measure post-censal change in the resident population due to births, deaths, and net migration. The National Center for Health Statistics (NCHS) provides the Census Bureau with data on births by sex, race, and Hispanic origin, although data for the latest month must be projected. Deaths by age, sex, and race are also obtained from NCHS, although the latest 6 months must be projected from a life table based on NCHS and Social Security Administration data. (The entire series of deaths for the Hispanic-origin population is projected.) Data on legal international immigration are obtained from the Immigration and Naturalization Service, the Office of Refugee Resettlement, and the Puerto Rican Planning Board (mostly projected between the latest July 1 to the current month, although preliminary data

are used to track refugee movements). Estimates of net undocumented immigration and permanent emigration of legal United States residents are modeled using the 1980 census and data from surveys and earlier censuses. The net movement of United States citizens from overseas to the United States is estimated based on data provided by the Department of Defense and the Office of Personnel Management (for military and civilian Federal Government personnel and their dependents). Other net migration is assumed to be zero (e.g., movement of foreign students and civilians not affiliated with the Federal Government). Most of the data are characterized as administrative, although some data for recent months must be projected. Thus, while the data are not subject to sampling error, they may contain nonsampling errors and bias.

The "inflation-deflation" method uses data from all these sources to generate the current month's national (not State) projections of the resident population by age, sex, race, and ethnicity. The inflation-deflation method is a variant of the standard cohort-component method in which a population is aged forward a number of years taking into account births, deaths, and net migration by age. The cohort-component method is improved by factoring in estimates of the decennial census undercount, using the method of inflation-deflation.

The basic procedure may be described as follows. For each age-race-sex cell, the 1990 census population count is divided by the corresponding estimate of the resident population made by demographic analysis. The resulting inflation-deflation factors are estimates of census coverage rates. The factors are assumed to be time-invariant and associated with a specific age range. At the April 1 census date, the reciprocals of the factors are viewed as inflating the census figures up to the demographic analysis figures (although these are not always larger). The demographic analysis population estimate is aged forward to the current time. Estimates of births and net migration are added to each aged demographic analysis cell value, and estimates of deaths are subtracted. Each cell value is then multiplied by the inflation-deflation factor of its new age to deflate the value. While not correcting for net census undercount (which is both added and subtracted), the inflation-deflation procedure preserves the age pattern of the undercount. For more information on data sources and methods, see *Current Population Reports, Series P-25, Reports 1045 and 1095, U.S. Bureau of the Census*.

Let us consider an example. The 1990 factor of approximately 0.98 for white male 13-year-olds represents a 2-percent undercount in the census; the factor of 1.02 for white male 17-year-olds represents an overcount of 2 percent. The demographic analysis population estimate is aged forward to the current time. Each aged demographic analysis cell value is adjusted for births, deaths, and migration. Each cell value is then multiplied by the inflation-deflation factor for its new age to deflate the cell value to corre-

spond to the decennial census base. If the current reference date is April 1994, the 13-year-old white male cell value for the census is inflated by dividing by 0.98 and aged forward to 17 years of age. Deaths are subtracted, and net migration figures are added. The cell value is then multiplied by the 1.02 factor for the 17-year-old group, effectively giving the new cell estimate a census overcount of 2 percent.

To obtain the civilian noninstitutional population, which is the universe for the CPS, the resident population estimates for those 16 years of age and over are reduced by subtracting both Armed Forces personnel residing in the United States and civilians living in institutions. The number of resident Armed Forces personnel is estimated using data from the Department of Defense. The 1990 demographic census data on the institutional population are updated annually through a canvass of group quarters facilities. The estimates of the resident population for those under 16 years of age are also reduced by subtracting the institutional population.

As a last step, corrections for net census undercount are applied. The level of the 1990 decennial census undercount is calculated from the PES by sex-race-ethnicity for each year of age. The level of undercount is assumed to be invariant over time, and a matrix of undercounts is added to the population projections. The overall level of the projections is raised by the addition of this constant matrix, but month-to-month changes in the population are unaffected. See U.S. Bureau of the Census, *Assessment of Accuracy of Adjusted versus Unadjusted 1990 Census Base for use in Intercensal Estimates: Report of the Committee on Adjustment of Postcensal Estimates*. The undercount adjusted projections are aggregated to obtain the national age-sex-ethnicity and age-sex-race population controls used in second-stage ratio adjustment.

State projections of the civilian noninstitutional population age 16 and over are developed using similar procedures. Population estimates for States are produced by age and sex only (not race or Hispanic origin), and only the 16 and over totals are used in computing independent controls. Information from tax returns is used to estimate migration between States. For each State, the population 16 years and over is calculated for each July. The two most recent July figures give the latest estimate of year-to-year change. For the current month, a straight-line extrapolation of the change is made, with a new base series for the projection instituted each January. Counts of resident Armed Forces and the institutional population 16 years and older are subtracted to yield the civilian noninstitutional population. A pro rata adjustment ensures the additivity of the State projections to the projection for the national civilian noninstitutional population. For more information, see *Current Population Reports, Series P-25, Reports 957 and 1010*, Bureau of the Census.

## Effect of 1990 census-based population controls on national estimates

CPS estimates of major labor force characteristics for the annual average of 1993, using both the 1980 census-based and adjusted 1990 census-based population controls, are presented in table 10. An undercount adjustment, based on results from the Census Bureau's Post Enumeration Survey (PES), is applied to the 1990-based controls. These averages are based on monthly CPS estimates using the final weights computed after second-stage estimation, which are neither composited nor seasonally adjusted. Under the new controls, the annual average estimate of the civilian noninstitutional population 16 years of age and over increased by about 1.3 million or 0.7 percent; the civilian labor force increased by about 1.1 million or 0.9 percent; and the level of unemployed increased by 0.2 million or 2.3 percent. The estimated totals using the 1990 population controls are considered to be more accurate, since these controls are projected from the April 1990 decennial census estimates and adjusted for undercount, whereas the 1980-based controls are projected from the 1980 decennial census estimates.

Under the new controls, the estimate of the annual average unemployment rate increased by 0.1 percentage point, primarily because of the large upward population adjustment for Hispanics (see below), who have an unemployment rate higher than the overall labor force. The labor force participation rate increased by 0.2 percentage point; and the employment-population ratio increased by 0.1 percentage point.

Levels increased for the civilian noninstitutional population and all labor force categories in all demographic groups shown in table 10. The most notable increases occurred for Hispanics. The change from the 1980- to 1990-based estimates of the population for this group was approximately 11 percent, with similar percentage increases in employed and unemployed levels. The difference between the 1980- and 1990-based estimates of the unemployment rate for all groups, except teenagers, was near the national average of 0.1 percentage point; for teenagers, there was negligible change in the unemployment rate.

Differences in labor force participation rates for adult men, blacks, and Hispanics were above the national average of 0.2 percentage point, while the differences for adult women, teenagers, and whites were below the national average. Differences in employment-population ratios also exceeded the national average of 0.1 percentage point for adult men, blacks, and Hispanics, while there were virtually no differences for adult women, teenagers, and whites.

## Total effects due to changes in methods and population controls

Differences in labor force estimates using the old and

new questionnaires and data collection procedures were presented in the section on the redesign. These differences were calculated from 1993 annual average CPS and parallel survey estimates based on 1980 population controls and represent changes that can be attributed to the redesign. Changes in 1993 CPS estimates attributed to the new population controls were discussed in the previous section. This section presents a brief discussion of the combined effects of the new questionnaire and controls by comparing labor force estimates from the 1993 CPS, adjusted to 1980-based controls, with estimates from the parallel survey, adjusted to 1990-based controls.

Table 10 shows annual average estimates of major labor force characteristics for the 1993 CPS (1980-based) and the parallel survey (1990-based) and the differences between these estimates. The effects from the new methods and population controls are essentially additive. For example, the estimate of civilian labor force increased by 2 million; an increase of 1.1 million is due to the new population controls as reported in the previous section, and the remainder (0.9 million) is attributed to the survey redesign. Similarly, estimated total employment increased by 1.1 million under the new methods and population controls. Of this amount, about 0.9 million is due to the new controls and 0.2 million is contributed by the new questionnaire. Total unemployment increased by 0.9 million, of which 0.7 million is attributed to the redesign and 0.2 million is due to the new population controls.

The sum due to the population controls and the redesign may not equal the total effect in table 10, primarily because the new population controls affect CPS and parallel survey estimates differently. For example, the parallel survey yields a larger estimate of the number of unemployed; consequently, the effect due to the population controls would be slightly larger for that survey estimate. In addition, there are minor differences in the CPS and parallel survey second-stage estimation algorithms.

The breakdown of the total effect on various rates and ratios is given in table 11. The increase in the annual average unemployment rate is 0.6 percentage point; since the difference due to population controls is 0.1 percentage point, the contribution from the redesign is 0.5 percentage point. The labor force participation rate increased by a total of 0.6 percentage point, with 0.2 percentage point due to population controls. The total change in the employment-population ratio is 0.2 percentage point. The change attributed to the redesign is about half this amount, or 0.1 percentage point. Note that the total effect is not always the sum of two positive effects. For example, the total effect for adult men's employment-population ratio is -0.4 percentage point. The effect from population controls is 0.3 percentage point, and the questionnaire effect is -0.7 percentage point.

Table 11 also shows that for the unemployment rate the effects from new population controls are about 0.1 percentage point for all demographic groups except teenagers. The total effects vary from 0.3 percentage point for adult men to 1.6 percentage points for teenagers. The effects from population controls are fairly stable over time so the annual average is similar to the population control effect for a given month; however, as the redesign effects vary from month to month, especially for Hispanics and teenagers, the annual average redesign effect may not be a good indicator of difference for a single month.

The total change for labor force participation rates in table 11 varies from -0.2 percentage point for adult men to 2.3 percentage points for teenagers and Hispanics. The effect due to population controls is largest for blacks. For the employment-population ratio, the total changes are larger for teenagers (about 1 percentage point, all attributed to the redesign) and Hispanics (0.8 percentage point from the redesign and 0.3 percentage point due to population controls). Again, the estimates of the redesign effects for teenagers and Hispanics have a high degree of month-to-month variability, primarily due to small sample sizes. For adult men and blacks, the total effect on the employment-population ratio is a decline of about one-half of one percentage point.

#### Effect on State and Area Estimates

Beginning with estimates for January 1994, State and area labor market statistics produced by BLS in cooperation with State Employment Security Agencies also reflect a number of important changes. Consistent with changes affecting the national data, these include:

- implementation of the CPS redesign, and
- introduction of 1990 census-based population controls (adjusted for the estimated population undercount).

In addition, the State and area labor market estimates are affected by:

- improved time-series models for the smaller States, and
- incorporation of selected 1990 census data in the geographic definition of labor market areas and in local area labor force estimation.

Each of these topics will be explained in a detailed article which will appear in the March 1994 issue of this publication.

#### Further Information

Additional information is available on all of the subjects covered in this article. Requests should be sent to: U.S. Bureau of Labor Statistics, Room 4675, 2 Massachusetts Avenue NE., Washington, DC 20212-0001. The telephone number is (202) 606-6378; Fax (202) 606-6426.

Table 10. Total effect of the adjusted 1990 census-based population controls and the redesign on selected labor force groups, 1993 annual averages

(Numbers in thousands)

| Employment status and group                | CPS                            |                            | Parallel survey   |                            | Effect <sup>2</sup> |                           |                |
|--|--------------------------------|----------------------------|-------------------|----------------------------|---------------------|---------------------------|----------------|
|  | 1990 census-based <sup>1</sup> | Adjusted 1990 census-based | 1980 census-based | Adjusted 1990 census-based | Total (4-1)         | Population controls (2-1) | Redesign (3-1) |
|  | (1)                            | (2)                        | (3)               | (4)                        | (5)                 | (6)                       | (7)            |
| <b>TOTAL</b>                               |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 193,550                        | 194,805                    | 193,550           | 194,805                    | 1,255               | 1,255                     | 0              |
| Civilian labor force .....                 | 128,103                        | 129,240                    | 128,965           | 130,103                    | 2,000               | 1,137                     | 862            |
| Percent of population .....                | 66.2                           | 66.3                       | 66.6              | 66.8                       | .6                  | .2                        | .4             |
| Employed .....                             | 119,389                        | 120,323                    | 119,606           | 120,511                    | 1,112               | 921                       | 217            |
| Employment-population ratio .....          | 61.7                           | 61.8                       | 61.8              | 61.9                       | .2                  | .1                        | .1             |
| Unemployed .....                           | 8,714                          | 8,917                      | 9,359             | 9,592                      | 878                 | 203                       | 645            |
| Unemployment rate .....                    | 6.8                            | 6.9                        | 7.3               | 7.4                        | .6                  | .1                        | .5             |
| <b>Men, 20 years and over</b>              |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 85,906                         | 86,290                     | 85,850            | 86,236                     | 329                 | 384                       | -56            |
| Civilian labor force .....                 | 66,077                         | 66,680                     | 65,599            | 66,197                     | 120                 | 604                       | -478           |
| Percent of population .....                | 76.9                           | 77.3                       | 76.4              | 76.8                       | -.2                 | .4                        | -.5            |
| Employed .....                             | 61,884                         | 62,402                     | 61,283            | 61,786                     | -97                 | 519                       | -601           |
| Employment-population ratio .....          | 72.0                           | 72.3                       | 71.4              | 71.7                       | -.4                 | .3                        | -.6            |
| Unemployed .....                           | 4,193                          | 4,278                      | 4,316             | 4,410                      | 216                 | 85                        | 123            |
| Unemployment rate .....                    | 6.4                            | 6.4                        | 6.6               | 6.7                        | .3                  | .1                        | .2             |
| <b>Women, 20 years and over</b>            |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 94,389                         | 94,598                     | 94,361            | 94,590                     | 201                 | 209                       | -28            |
| Civilian labor force .....                 | 55,184                         | 55,379                     | 56,162            | 56,363                     | 1,178               | 195                       | 978            |
| Percent of population .....                | 58.5                           | 58.5                       | 59.5              | 59.6                       | 1.1                 | .1                        | 1.0            |
| Employed .....                             | 51,966                         | 52,110                     | 52,604            | 52,735                     | 769                 | 144                       | 638            |
| Employment-population ratio .....          | 55.1                           | 55.1                       | 55.8              | 55.8                       | .7                  | .0                        | .7             |
| Unemployed .....                           | 3,218                          | 3,270                      | 3,559             | 3,627                      | 409                 | 51                        | 340            |
| Unemployment rate .....                    | 5.8                            | 5.9                        | 6.3               | 6.4                        | .6                  | .1                        | .5             |
| <b>Both sexes, 16 to 19 years</b>          |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 13,254                         | 13,916                     | 13,338            | 13,979                     | 725                 | 662                       | 84             |
| Civilian labor force .....                 | 6,842                          | 7,180                      | 7,203             | 7,543                      | 701                 | 338                       | 361            |
| Percent of population .....                | 51.6                           | 51.6                       | 54.0              | 54.0                       | 2.3                 | .0                        | 2.4            |
| Employed .....                             | 5,540                          | 5,812                      | 5,719             | 5,989                      | 449                 | 272                       | 179            |
| Employment-population ratio .....          | 41.8                           | 41.8                       | 42.9              | 42.8                       | 1.1                 | .0                        | 1.1            |
| Unemployed .....                           | 1,302                          | 1,369                      | 1,485             | 1,554                      | 252                 | 66                        | 182            |
| Unemployment rate .....                    | 19.0                           | 19.1                       | 20.6              | 20.6                       | 1.6                 | .0                        | 1.6            |
| <b>White</b>                               |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 163,921                        | 164,268                    | 163,921           | 164,268                    | 347                 | 347                       | 0              |
| Civilian labor force .....                 | 109,407                        | 109,736                    | 110,209           | 110,550                    | 1,143               | 329                       | 802            |
| Percent of population .....                | 66.7                           | 66.8                       | 67.2              | 67.3                       | .6                  | .1                        | .5             |
| Employed .....                             | 102,891                        | 103,114                    | 103,267           | 103,482                    | 592                 | 223                       | 376            |
| Employment-population ratio .....          | 62.8                           | 62.8                       | 63.0              | 63.0                       | .2                  | .0                        | .2             |
| Unemployed .....                           | 6,516                          | 6,622                      | 6,942             | 7,067                      | 551                 | 106                       | 426            |
| Unemployment rate .....                    | 6.0                            | 6.0                        | 6.3               | 6.4                        | .4                  | .1                        | .3             |
| <b>Black</b>                               |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 22,329                         | 22,505                     | 22,329            | 22,505                     | 176                 | 176                       | 0              |
| Civilian labor force .....                 | 13,957                         | 14,224                     | 13,908            | 14,171                     | 214                 | 267                       | -49            |
| Percent of population .....                | 62.5                           | 63.2                       | 62.3              | 63.0                       | .5                  | .7                        | -.2            |
| Employed .....                             | 12,148                         | 12,370                     | 11,923            | 12,133                     | -14                 | 222                       | -225           |
| Employment-population ratio .....          | 54.4                           | 55.0                       | 53.4              | 53.9                       | -.5                 | .6                        | -1.0           |
| Unemployed .....                           | 1,809                          | 1,855                      | 1,985             | 2,038                      | 229                 | 45                        | 176            |
| Unemployment rate .....                    | 13.0                           | 13.0                       | 14.3              | 14.4                       | 1.4                 | .1                        | 1.3            |

**Table 10. Total effect of the adjusted 1990 census-based population controls and the redesign on selected labor force groups, 1993 annual averages—Continued**

(Numbers in thousands)

| Employment status and group                | CPS                            |                            | Parallel survey   |                            | Effect <sup>2</sup> |                           |                |
|--|--------------------------------|----------------------------|-------------------|----------------------------|---------------------|---------------------------|----------------|
|  | 1980 census-based <sup>1</sup> | Adjusted 1990 census-based | 1980 census-based | Adjusted 1990 census-based | Total (4-1)         | Population controls (2-1) | Redesign (3-1) |
|  | (1)                            | (2)                        | (3)               | (4)                        | (5)                 | (6)                       | (7)            |
| <b>Hispanic origin</b>                     |                                |                            |                   |                            |                     |                           |                |
| Civilian noninstitutional population ..... | 15,753                         | 17,505                     | 15,753            | 17,505                     | 1,752               | 1,752                     | 0              |
| Civilian labor force .....                 | 10,385                         | 11,611                     | 10,666            | 11,933                     | 1,548               | 1,226                     | 281            |
| Percent of population .....                | 65.9                           | 66.3                       | 67.7              | 68.2                       | 2.3                 | .1                        | 1.8            |
| Employed .....                             | 9,285                          | 10,370                     | 9,412             | 10,528                     | 1,243               | 1,085                     | 127            |
| Employment-population ratio .....          | 58.9                           | 59.2                       | 59.7              | 60.1                       | 1.2                 | .3                        | .8             |
| Unemployed .....                           | 1,100                          | 1,241                      | 1,254             | 1,405                      | 305                 | 141                       | 155            |
| Unemployment rate .....                    | 10.6                           | 10.7                       | 11.8              | 11.8                       | 1.2                 | .1                        | 1.2            |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> Changes in column 5 minus those in column 6 do not necessarily equal those in column 7 primarily because the population controls affected the CPS and the parallel survey estimates differently. Moreover, population estimates obtained from the two surveys do not always

agree due to slight differences in estimating procedures.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**Table 11. Total effect of adjusted 1990 census-based population controls and the redesign on selected labor force ratios and rates, 1993 annual averages.**

(Percent)

| Category                         | CPS 1980<br>census-based <sup>1</sup> | Parallel survey,<br>adjusted 1990<br>census-based | Effect <sup>2</sup> |                        |          |
|----------------------------------|---------------------------------------|---|---------------------|------------------------|----------|
|                                  |                                       |   | Total               | Population<br>controls | Redesign |
| Labor force participation rates  |                                       |   |                     |                        |          |
| Total, 16 years and over .....   | 66.2                                  | 66.8  | 0.6                 | 0.2                    | 0.4      |
| Men, 20 years and over .....     | 76.9                                  | 76.8  | -.2                 | .4                     | -.5      |
| Women, 20 years and over .....   | 58.5                                  | 59.6  | 1.1                 | .1                     | 1.1      |
| Both sexes, 16 to 19 years ..... | 51.6                                  | 54.0  | 2.3                 | .0                     | 2.4      |
| White .....                      | 66.7                                  | 67.3  | .6                  | .1                     | .5       |
| Black .....                      | 62.5                                  | 63.0  | .5                  | .7                     | -.2      |
| Hispanic origin .....            | 65.9                                  | 68.2  | 2.3                 | .4                     | 1.8      |
| Employment-population ratios     |                                       |   |                     |                        |          |
| Total, 16 years and over .....   | 61.7                                  | 61.9  | .2                  | .1                     | .1       |
| Men, 20 years and over .....     | 72.0                                  | 71.7  | -.4                 | .3                     | -.7      |
| Women, 20 years and over .....   | 55.1                                  | 55.8  | .7                  | .0                     | .7       |
| Both sexes, 16 to 19 years ..... | 41.8                                  | 42.8  | 1.1                 | .0                     | 1.1      |
| White .....                      | 62.8                                  | 63.0  | .2                  | .0                     | .2       |
| Black .....                      | 54.4                                  | 53.9  | -.5                 | .6                     | -1.0     |
| Hispanic origin .....            | 58.9                                  | 60.1  | 1.2                 | .3                     | .8       |
| Unemployment rates               |                                       |   |                     |                        |          |
| Total, 16 years and over .....   | 6.8                                   | 7.4   | .6                  | .1                     | .5       |
| Men, 20 years and over .....     | 6.4                                   | 6.7   | .3                  | .1                     | .2       |
| Women, 20 years and over .....   | 5.8                                   | 6.4   | .6                  | .1                     | .5       |
| Both sexes, 16 to 19 years ..... | 19.0                                  | 20.6  | 1.6                 | .0                     | 1.6      |
| White .....                      | 6.0                                   | 6.4   | .4                  | .1                     | .3       |
| Black .....                      | 13.0                                  | 14.4  | 1.4                 | .1                     | 1.3      |
| Hispanic origin .....            | 10.6                                  | 11.8  | 1.2                 | .1                     | 1.2      |

<sup>1</sup> These estimates differ slightly from previously published 1993 averages because of the estimation procedure used.

<sup>2</sup> The sum of the difference due to population controls and the redesign may not equal the total difference primarily due to rounding.

## ATTACHMENT 6

### 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. Attachment 7 contains the differences between the variables on this file and similar variables found in files before 1994.

#### 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 Appendix 17 for more information)
  - W - Weight
  - R - Recode
- ◆ The remaining characters describe the variable.
- ◆ For multiple entry items, the file contains a separate variable for each possible response. Each item has the same descriptive name but a number is added as the last digit. For example, Question 22A allows separate entries for up to 6 job search methods. The item names are **PELKM1** (this item is edited), **PULKM2**, (this item is unedited), **PULKM3**, etc. These items are located in positions 296-307 of the record layout.

## ATTACHMENT 7

### CHANGES IN THE RECORD LAYOUT SINCE 1993

#### Current Population Survey

Due to the redesign of CPS, the Bureau of the Census had to rewrite the processing system. In doing so, we attempted to create a number of recodes that provide consistent labor force data between the pre- and post-January 1994 public use files. In this section, we present a comparison between the basic labor force and demographic data from the two systems and what steps, if any, are needed to make the data sets comparable. Wherever possible, we developed recodes in the new system that allow a high degree of equivalence in definition between the two systems. Recodes dealing with the primary labor force characteristics generally have the same universes. Any differences are noted on the following pages. The same is not true of most labor force items. Items that contain a high degree of equivalence are listed below. Many new questionnaire items are asked of restricted universes (allowing better question design), however, and have no direct equivalence with previous data.

DEC. 93 AND  
EARLIER NAME

JAN. 1994  
LOCATION

FORWARD NAME

LOCATION

COMMENTS

PRIMARY LABOR FORCE STATUS RECODE

A-LFSR

198

- 1 = WORKING
- 2 = WITH JOB, NOT AT WORK
- 3 = UNEMPLOYED, LOOKING FOR WORK
- 4 = UNEMPLOYED, ON LAYOFF
- 5 = NILF - WORKING W/O PAY <15 HRS;  
TEMP ABSENT FROM W/O PAY JOB
- 6 = NILF - UNAVAILABLE
- 7 = OTHER NILF

PEMLR

180

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

NOTE THAT THE  
UNEMPLOYED CODES  
ARE REVERSED. ALSO,  
THE NOT IN LABOR FORCE  
CODES ARE DEFINED  
DIFFERENTLY.

REASON FOR UNEMPLOYMENT

A-UNTYPE

199

- 1 = JOB LOSER - ON LAYOFF
- 2 = OTHER JOB LOSER
- 3 = JOB LEAVER
- 4 = RE-ENTRANT
- 5 = NEW ENTRANT

PRUNTYPE

412

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

CODES 2 AND 3 ARE  
EQUIVALENT TO OLD  
CODE 2. NEW CODES  
4-6 ARE EQUIVALENT  
TO OLD CODES 3-5  
RESPECTIVELY.

FULL/PART TIME STATUS

A-WKSTAT

202

- 1 = NOT IN LABOR FORCE
- 2 = FULL-TIME SCHEDULES
- 3 = PART-TIME FOR ECONOMIC REASONS,  
USUALLY F/T
- 4 = PART-TIME FOR NON-ECONOMIC REASONS,  
USUALLY P/T
- 5 = PART-TIME FOR ECONOMIC REASONS,  
USUALLY P/T
- 6 = UNEMPLOYED F/T
- 7 = UNEMPLOYED P/T

PRWKSTAT

416

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

| CODE EQUIVALENCIES |           |
|--------------------|-----------|
| OLD                | NEW       |
| 1                  | 1         |
| 2                  | 2,4,5,8,9 |
| 3                  | 3         |
| 5                  | 6         |
| 4                  | 7,10      |

DEC. 93 AND  
EARLIER NAME

A-WKSTAT-Con.

JAN. 1994  
LOCATION

202

FORWARD NAME

PRWKSTAT-Con.

LOCATION

416

COMMENTS

CODE EQUIVALENCIES  
OLD NEW

8 FT HOURS, USUALLY PT FOR  
ECONOMIC REASONS  
9 FT HOURS, USUALLY PT FOR  
NON-ECONOMIC  
10 NOT AT WORK, USUALLY PT  
11 UNEMPLOYED FT  
12 UNEMPLOYED PT

6 11  
7 12

EXPERIENCED LABOR FORCE EMPLOYMENT STATUS

A-EXPLF

203

PREXPLF

395

FULLY  
EQUIVALENT

LABOR FORCE BY TIME WORKED OR LOST

A-WKSCH

204

PRWKSCH

414

FULLY  
EQUIVALENT

CIVILIAN LABOR FORCE

A-CIVLF

205

PRCIVLF

387

CODE EQUIVALENCIES  
OLD NEW

0 2  
1 1

FULL TIME LABOR FORCE

A-FTLF

206

PRFTLF

397

NOT FULLY EQUIVALENT.  
SEE ATTACHMENT 3 FOR  
THE NEW DEFINITIONS.

0 = NOT IN UNIVERSE  
1 = IN UNIVERSE

1 FULL TIME LABOR FORCE  
2 PART TIME LABOR FORCE

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COMMENTS

REASON NOT AT WORK OR HOURS AT WORK

A-EMPHRS

207

PREMPHRS

391

CODE EQUIVALENCIES

OLD NEW

WITH A JOB, BUT NOT AT WORK

1 = ILLNESS

2 = VACATION

3 = BAD WEATHER

4 = LABOR DISPUTE

5 = ALL OTHER

6 = 1-4 HOURS

7 = 5-14 HOURS

8 = 15-21 HOURS

9 = 22-29 HOURS

10 = 30-34 HOURS

11 = 35-39 HOURS

12 = 40 HOURS

13 = 41-47 HOURS

14 = 48 HOURS

15 = 49-59 HOURS

16 = 60 HOURS OR MORE

0 UNEMPLOYED AND NILF

1 W/JOB, NOT AT WORK - ILLNESS

2 W/JOB, NOT AT WORK - VACATION

3 W/JOB, NOT AT WORK -  
WEATHER AFFECTED JOB

4 W/JOB, NOT AT WORK -  
LABOR DISPUTE

5 W/JOB, NOT AT WORK -  
CHILD CARE PROBLEMS  
AT WORK

6 W/JOB, NOT AT WORK -  
FAM/PERS OBLIGATION

7 W/JOB, NOT AT WORK -  
MATERNITY/PATERNITY

8 W/JOB, NOT AT WORK -  
SCHOOL/TRAINING

9 W/JOB, NOT AT WORK -  
CIVIC/MILITARY DUTY

10 W/JOB, NOT AT WORK -  
DOES NOT WORK IN BUS

11 W/JOB, NOT AT WORK - OTHER

12 AT WORK - 1-4 HRS

13 AT WORK - 5-14 HRS

14 AT WORK - 15-21 HRS

15 AT WORK - 22-29 HRS

16 AT WORK - 30-34 HRS

17 AT WORK - 35-39 HRS

18 AT WORK - 40 HRS

19 AT WORK - 41-47 HRS

20 AT WORK - 48 HRS

21 AT WORK - 49-59 HRS

22 AT WORK - 60 HRS OR MORE

0

1

2

3

4

5 5,6,7,8,9,10,11

6 12

7 13

8 14

9 15

10 16

11 17

12 18

13 19

14 20

15 21

16 22

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COMMENTS

AT WORK 1-34 HOURS BY HOURS WORK

A-PTHRS

209

PRPTHRS

403

FULLY  
EQUIVALENT

DETAILED REASON FOR PART TIME

A-PTREA

211

PRPTREA

405

CODE EQUIVALENCIES  
OLD NEW

USUALLY WORK F/T

1 = SLACK WORK

2 = MATERIAL SHORTAGES,

3 = NEW JOB STARTED

4 = JOB TERMINATED

5 = HOLIDAY

6 = LABOR DISPUTE

7 = BAD WEATHER

8 = OWN ILLNESS

9 = ON VACATION

10 = ALL OTHER

USUALLY WORK P/T

11 = SLACK WORK

12 = COULD FIND ONLY P/T

13 = OWN ILLNESS

14 = TOO BUSY OR DID NOT WANT F/T

15 = F/T UNDER 35 HOURS

16 = OTHER

1 USU. FT - SLACK WORK/  
BUSINESS CONDITIONS

2 USU. FT - SEASONAL WORK  
PLANT REPAIR

3 USU. FT - JOB STARTED/  
ENDED DURING WEEK

4 USU. FT - VACATION/  
PERSONAL DAY

5 USU. FT - OWN ILLNESS/INJURY/  
MEDICAL APPT

6 USU. FT - HOLIDAY  
(RELIGIOUS OR LEGAL)

7 USU. FT - CHILD CARE PROBLEMS

8 USU. FT - OTHER FAM/  
PERS OBLIGATIONS

9 USU. FT - LABOR DISPUTE

10 USU. FT - WEATHER AFFECTED JOB

11 USU. FT - SCHOOL/TRAINING

12 USU. FT - CIVIC/MILITARY DUTY

13 USU. FT - OTHER REASON

14 USU. PT - SLACK WORK/  
BUSINESS CONDITIONS

15 USU. PT - COULD ONLY FIND PT WORK

16 USU. PT - SEASONAL WORK

17 USU. PT - CHILD CARE PROBLEMS

1,2

10

3,4

9

8

5

6

7

11

16

14

1

2,7,8,11,12,13

3

4

5

6

9

10

14

12

16,21,23

17,18,20

15

DEC. 93 AND  
EARLIER NAME

A-PTREA-Con.

JAN. 1994  
LOCATION

211

FORWARD NAME

PRPTREA-Con.

LOCATION

405

COMMENTS

CODE EQUIVALENCIES  
OLD NEW

|    |   |    |    |
|----|---|----|----|
| 18 | USU. PT - OTHER FAM/<br>PERS OBLIGATIONS  | 13 | 19 |
| 19 | USU. PT - HEALTH/MEDICAL LIMITATIONS      |    |    |
| 20 | USU. PT - SCHOOL/TRAINING                 |    |    |
| 21 | USU. PT - RETIRED/SS LIMIT<br>ON EARNINGS |    |    |
| 22 | USU. PT - WORKWEEK <35 HOURS              | 15 | 22 |
| 23 | USU. PT - OTHER REASON                    |    |    |

REASON NOT AT WORK AND PAY STATUS

A-ABSREA

213

PRABSREA

385

CODE EQUIVALENCIES  
OLD NEW

USUALLY WORK F/T PAID

1 = VACATION  
2 = ILLNESS  
3 = ALL OTHER

NOT PAID

4 = VACATION

5 = ILLNESS

6 = ALL OTHER

USUALLY WORK P/T PAID

7 = VACATION

8 = ILLNESS

9 = ALL OTHER

|   |  |   |       |
|---|--|---|-------|
| 1 | FT PAID - VACATION                         | 1 | 1     |
| 2 | FT PAID - OWN ILLNESS                      | 2 | 2     |
| 3 | FT PAID - CHILD CARE PROBLEMS              | 3 | 4-10  |
| 4 | FT PAID - OTHER FAMILY/<br>PERSONAL OBLIG. | 4 | 11    |
| 5 | FT PAID - MATERNITY/<br>PATERNITY LEAVE    | 5 | 12    |
| 6 | FT PAID - LABOR DISPUTE                    | 6 | 13-20 |
| 7 | FT PAID - WEATHER<br>AFFECTED JOB          | 7 | 21    |
| 8 | FT PAID - SCHOOL/TRAINING                  | 8 | 22    |
| 9 | FT PAID - CIVIC/<br>MILITARY DUTY          | 9 | 23-30 |

DEC. 93 AND  
EARLIER NAME

A-ABSREA-Con.

NOT PAID

10 = VACATION

11 = ILLNESS

12 = ALL OTHER

JAN. 1994  
LOCATION

213

FORWARD NAME

PRABSREA-Con.

LOCATION

385

COMMENTS

CODE EQUIVALENCIES  
OLD NEW

|    |  |    |       |
|----|--|----|-------|
| 10 | FT PAID - OTHER                                  | 10 | 31    |
| 11 | FT UNPAID - VACATION                             | 11 | 32    |
| 12 | FT UNPAID - OWN ILLNESS                          | 12 | 33-40 |
| 13 | FT UNPAID - CHILD CARE PROBLEMS                  |    |       |
| 14 | FT UNPAID - OTHER FAM/<br>PERSONAL OBLIGATION    |    |       |
| 15 | FT UNPAID - MATERNITY/<br>PATERNITY LEAVE        |    |       |
| 16 | FT UNPAID - LABOR DISPUTE                        |    |       |
| 17 | FT UNPAID - WEATHER AFFECTED JOB                 |    |       |
| 18 | FT UNPAID - SCHOOL/TRAINING                      |    |       |
| 19 | FT UNPAID - CIVIC/MILITARY DUTY                  |    |       |
| 20 | FT UNPAID - OTHER                                |    |       |
| 21 | PT PAID - VACATION                               |    |       |
| 22 | PT PAID - OWN ILLNESS                            |    |       |
| 23 | PT PAID - CHILD CARE PROBLEMS                    |    |       |
| 24 | PT PAID - OTHER FAMILY/<br>PERSONAL OBLIGATION   |    |       |
| 25 | PT PAID - MATERNITY/<br>PATERNITY LEAVE          |    |       |
| 26 | PT PAID - LABOR DISPUTE                          |    |       |
| 27 | PT PAID - WEATHER AFFECTED JOB                   |    |       |
| 28 | PT PAID - SCHOOL/TRAINING                        |    |       |
| 29 | PT PAID - CIVIC/MILITARY DUTY                    |    |       |
| 30 | PT PAID - OTHER                                  |    |       |
| 31 | PT UNPAID - VACATION                             |    |       |
| 32 | PT UNPAID - OWN ILLNESS                          |    |       |
| 33 | PT UNPAID - CHILD CARE PROBLEMS                  |    |       |
| 34 | PT UNPAID - OTHER FAMILY/<br>PERSONAL OBLIGATION |    |       |
| 35 | PT UNPAID - MATERNITY/<br>PATERNITY LEAVE        |    |       |
| 36 | PT UNPAID - LABOR DISPUTE                        |    |       |
| 37 | PT UNPAID - WEATHER AFFECTED JOB                 |    |       |
| 38 | PT UNPAID - SCHOOL/TRAINING                      |    |       |
| 39 | PT UNPAID - CIVIC/MILITARY DUTY                  |    |       |
| 40 | PT UNPAID - OTHER                                |    |       |

| DEC. 93 AND<br>EARLIER NAME       | JAN. 1994<br>LOCATION | FORWARD NAME | LOCATION | COMMENTS  |
|-----------------------------------|-----------------------|--------------|----------|---|
| <b>AG/NONAG INDUSTRY RECODE</b>   |                       |              |          |   |
| A-AG-NA                           | 215                   | PRAGNA       | 460      | FULLY<br>EQUIVALENT   |
| <b>MAJOR INDUSTRY RECODE</b>      |                       |              |          |   |
| A-MJIND                           | 216                   | PRMJIND1     | 482      | FULLY<br>EQUIVALENT   |
| <b>DETAILED INDUSTRY RECODE</b>   |                       |              |          |   |
| A-DTIND                           | 218                   | PRDTIND1     | 472      | NOTE THAT OLD CODE 33 IS<br>BROKEN INTO 2 CATEGORIES<br>(33 AND 34). NEW AND OLD<br>CODES 1-32 ARE EQUIVALENT.<br>NEW CODES 35-52 ARE<br>EQUIVALENT TO OLD CODES<br>34-51 RESPECTIVELY. |
| <b>MAJOR OCCUPATION RECODE</b>    |                       |              |          |   |
| A-MJOCC                           | 220                   | PRMJOCC1     | 486      | FULLY<br>EQUIVALENT   |
| <b>DETAILED OCCUPATION RECODE</b> |                       |              |          |   |
| A-DTOCC                           | 222                   | PRDTOCC1     | 476      | FULLY<br>EQUIVALENT   |
| <b>EARNINGS ELIGIBILITY FLAG</b>  |                       |              |          |   |
| A-ERNEL                           | 224                   | PRERELG      |          | FULLY<br>EQUIVALENT   |

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COMMENTS

EARNINGS ITEMS

USUAL HOURS WORKED PER WEEK

A-USLHRS

185

PEHRUSL1

218

FULLY  
EQUIVALENT  
NOTE THAT THE  
UNIVERSE IS NOW ALL  
EMPLOYED INDIVIDUALS  
RESPONSES OF "HOURS  
VARY" ARE CODED AS  
000 IN THE NEW SYSTEM.  
THE OLD SYSTEM  
DID NOT ALLOW SUCH  
RESPONSES.

PAID BY THE HOUR ON THIS JOB

A-HRLYWK

187

PEERNHRY

506

FULLY  
EQUIVALENT

HOURLY RATE OF PAY

A-HERNTP

233

PRERNHLY

520

FULLY  
EQUIVALENT  
INCLUDING THE  
SAME

WEEKLY EARNINGS

A-WERNTP

237

PRERNWA

527

TOPCODING  
CRITERIA

HOURLY RATE OF PAY TOPCODE FLAG

A-HERNTF

241

PTHR

524

FULLY  
EQUIVALENT

WEEKLY EARNINGS TOPCODE FLAG

A-WERNTF

242

PTWK

535

FULLY  
EQUIVALENT

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COMMENTS

UNION MEMBERSHIP

A-UNMEM

139

PEERNLAB

561

FULLY  
EQUIVALENT

UNION COVERAGE

A-UNCOV

140

PEERNCOV

563

FULLY  
EQUIVALENT

| DEC. 93 AND<br>EARLIER NAME  | JAN. 1994<br>LOCATION | FORWARD NAME                                  | LOCATION | COMMENTS   |
|--|-----------------------|---|----------|--|
| INDUSTRY AND OCCUPATION FLAG   |                       |   |          |  |
| A-IOELIG   | 225                   | PRIOELG                                       |          | FULLY<br>EQUIVALENT  |
| DISCOURAGED WORKERS FLAG   |                       |   |          |  |
| A-DSCWK  | 226                   | PRDISC  | 389      | NOTE THAT THE DEFINITION<br>OF DISCOURAGED WORKERS<br>CHANGED. SEE THE<br>OVERVIEW OF CHANGES. |
| DETAILED CLASS OF WORKER   |                       |   |          |  |
| A-DTCLWK   | 227                   | PRDTCOW1                                      | 468      | FULLY<br>EQUIVALENT  |
| EMPLOYED PERSONS FLAG (EXCLUDING FARM AND PRIVATE HOUSEHOLD WORKERS) |                       |   |          |  |
| A-EM   | 229                   | PREMP   | 480      | FULLY<br>EQUIVALENT  |
| NONAGRICULTURAL WAGE AND SALARY WORKERS                              |                       |   |          |  |
| A-NAGWS  | 230                   | PRNAGWS                                       | 494      | FULLY<br>EQUIVALENT  |
| CLASS OF WORKER RECODE   |                       |   |          |  |
| A-RCOW   | 231                   | PRCOW1  | 462      | CODE EQUIVALENCIES   |
|  |                       |   |          | OLD                      NEW   |
| 1 = PRIVATE  |                       | 1    FEDERAL GOVT                             | 2        | 1  |
| 2 = FEDERAL  |                       | 2    STATE GOVT                               | 3        | 2  |
| 3 = STATE  |                       | 3    LOCAL GOVT                               | 4        | 3  |
| 4 = LOCAL  |                       | 4    PRIVATE (INCL.<br>SELF-EMPLOYED INCORP.) | 1        | 4  |
| 5 = SE-UNINC.  |                       | 5    SELF-EMPLOYED, UNINCORP.                 | 5        | 5  |
| 6 = WITHOUT PAY  |                       | 6    WITHOUT PAY                              | 6        | 6  |

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COMMENTS

NONAG PRIVATE WAGE AND SALARY WORKERS (EXC PRIVATE H-HOLD WORKERS)

|                       |      |          |     |                     |
|-----------------------|------|----------|-----|---------------------|
| A-NAGPWS              | 232  | PRNAGPWS | 492 | FULLY<br>EQUIVALENT |
| FAMILY RELATIONSHIP   |      |          |     |                     |
| A-FAMREL              | 275P | RFAMREL  | 153 | FULLY<br>EQUIVALENT |
| FAMILY TYPE           |      |          |     |                     |
| A-FAMTYP              | 274  | PRFAMTYP | 155 | FULLY<br>EQUIVALENT |
| FAMILY NUMBER         |      |          |     |                     |
| A-FAMNUM              | 272  | PRFAMNUM | 151 | FULLY<br>EQUIVALENT |
| MARITAL STATUS RECODE |      |          |     |                     |
| A-MARITL              | 122  | PRMARSTA | 159 | FULLY<br>EQUIVALENT |

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COMMENTS

TYPE OF HOUSEHOLD RECORD

H-HHTYPE

34

HRINTSTA

57

CODE EQUIVALENCIES  
OLD NEW  
1 1  
2 2  
3 3,4

- 1 = INTERVIEW
- 2 = TYPE A NONINTERVIEW
- 3 = TYPE B/C NONINTERVIEW

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

NUMBER OF HOUSEHOLD MEMBERS

H-NUMPER

36

HRNUMHOU

59

FULLY  
EQUIVALENT

HOUSEHOLD TYPE

H-HTYPE

38

HRHTYPE

61

CODE EQUIVALENCIES  
OLD NEW

- 0 = NONINTERVIEW HOUSEHOLD
- 1 = HUSBAND/WIFE PRIMARY FAMILY  
(NEITHER HUSBAND OR WIFE IN  
ARMED FORCES)
- 2 = HUSBAND/WIFE PRIMARY FAMILY  
(HUSBAND AND/OR WIFE IN  
ARMED FORCES)
- 3 = UNMARRIED CIVILIAN MALE  
PRIMARY FAMILY HOUSEHOLDER
- 4 = UNMARRIED CIVILIAN FEMALE  
PRIMARY FAMILY HOUSEHOLDER
- 5 = PRIMARY FAMILY HOUSEHOLD -  
REFERENCE PERSON IN ARMED  
FORCES AND UNMARRIED
- 6 = CIVILIAN MALE  
PRIMARY INDIVIDUAL

- 0 NONINTERVIEW HOUSEHOLD
- 1 HUSBAND/WIFE PRIMARY FAMILY  
(NEITHER AF)
- 2 HUSBAND/WIFE PRIMARY FAMILY  
(EITHER/BOTH AF)
- 3 UNMARRIED CIVILIAN MALE -  
PRIMARY FAMILY HHLDER
- 4 UNMARRIED CIVILIAN FEMALE -  
PRIMARY FAMILY HHLDER
- 5 PRIMARY FAMILY HHLDER -  
RP IN AF, UNMAR.
- 6 CIVILIAN MALE

1 1  
2 2  
3 3  
4 4  
5 5  
6 6

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COMMENTS

RELATIONSHIP TO REFERENCE PERSON

A-EXPRRP

196

PERRP

118

CODE EQUIVALENCIES

OLD NEW

1 = REFERENCE PERSON  
WITH RELATIVES

2 = REFERENCE PERSON

3 = HUSBAND

4 = WIFE

5 = NATURAL/ADOPTED CHILD

6 = STEP CHILD

7 = GRANDCHILD

8 = PARENT

9 = BROTHER/SISTER

10 = OTHER RELATIVE

11 = FOSTER CHILD

12 = NONRELATIVE WITH RELATIVES

13 = PARTNER/ROOMMATE

14 = NONRELATIVE WITHOUT RELATIVES

1 REF PERS WITH OTHER  
RELATIVES IN HH

2 REF PERS WITH NO OTHER  
WITHOUT RELATIVESRELATIVES IN HH

3 SPOUSE

4 CHILD

5 GRANDCHILD

6 PARENT

7 BROTHER/SISTER

8 OTHER RELATIVE

9 FOSTER CHILD

10 NON-REL OF REF PER W/  
OWN RELS IN HH

11 PARTNER/ROOMMATE

12 NON-REL OF REF PER W/  
NO OWN RELS IN HH

1

2

3,4

5,6

7

8

9

10

11

12

13

14

1

2

3

4

5

6

7

8

9

10

11

12

TYPE OF PERSON RECORD

H-RECTYP

101

PRPERTYP

161

CODE EQUIVALENCIES

OLD NEW

1 = INTERVIEWED ADULT

2 = TYPE A NONINTERVIEW

3 = TYPE B/C NONINTERVIEW

4 = ARMED FORCES RECORD

5 = CHILDRENS RECORD

1 CHILD HOUSEHOLD MEMBER

2 ADULT CIVILIAN HOUSEHOLD  
MEMBER

3 ADULT ARMED FORCES  
HOUSEHOLD MEMBER

5

1

4

1

2

3

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H-HTYPE-Con.

38

HRHTYPE-Con.

61

CODE EQUIVALENCIES

- 7 = CIVILIAN FEMALE  
PRIMARY INDIVIDUAL
- 8 = PRIMARY INDIVIDUAL HOUSEHOLD -  
REFERENCE PERSON IN RP IN AF  
ARMED FORCES
- 9 = GROUP QUARTERS

7 CIVILIAN FEMALE

OLD

NEW

7

7

8 PRIMARY INDIVIDUAL HHLD -

8

8

9 GROUP QUARTERS WITH FAMILY

9

9,10

10 GROUP QUARTERS WITHOUT FAMILY

# DEMOGRAPHIC CHARACTERISTICS

A-LINENO 114  
A-PARENT 118  
A-AGE 120  
A-SPOUSE 123  
A-SEX 125  
A-VET 126  
A-HGA 127  
A-RACE 130  
A-REORGN 194

PULINENO  
PEPARENT  
PEAGE  
PESPOUSE  
PESEX  
PEAFWHEN  
PEEDUCA  
PERACE  
PRORIGIN

147  
120  
122  
127  
129  
133  
137  
139  
141

ALL ARE  
FULLY  
EQUIVALENT

## LABOR FORCE ITEMS

## ACTUAL HOURS WORKED AT ALL JOBS

A-HRS1 133

PEHRACTT

247

FULLY  
EQUIVALENT

## PART TIME STATUS AND REASON

A-USLFT 136  
A-FTREAS 137

PRPTREA

405

THE NEW RECODE  
PROVIDES ALL  
VALID POSSIBLE  
ENTRIES

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COMMENTS

WHY ABSENT FROM WORK

A-WHYABS

142

PEABSRSN

210

CODE EQUIVALENCIES

OLD NEW

1 = OWN ILLNESS

2 = ON VACATION

3 = BAD WEATHER

4 = LABOR DISPUTE

5 = NEW JOB TO BEGIN  
WITHIN 30 DAYS

6 = TEMPORARY LAYOFF  
(UNDER 30 DAYS)

7 = INDEFINITE LAYOFF7  
(30 DAYS OR MORE)

8 = OTHER

1 ON LAYOFF

2 SLACK WORK/  
BUSINESS CONDITIONS

3 WAITING FOR A NEW  
JOB TO BEGIN

4 VACATION/PERSONAL DAYS

5 OWN ILLNESS/INJURY/  
MEDICAL PROBLEMS

6 CHILD CARE PROBLEMS

OTHER FAMILY/  
PERSONAL OBLIGATION

8 MATERNITY/PATERNITY LEAVE

9 LABOR DISPUTE

10 WEATHER AFFECTED JOB

11 SCHOOL/TRAINING

12 CIVIC/MILITARY DUTY

13 DOES NOT WORK IN THE BUSINESS

14 OTHER (SPECIFY)

6,7

8

5

2

1

4

3

1

2,6,7,8,11,  
12,13,14

3

4

5

9

10

RECEIPT OF WAGES OR SALARY FOR TIME OFF

A-PAYABS

143

PEABSPDO

212

FULLY  
EQUIVALENT

DURATION OF UNEMPLOYMENT

A-WKSLK

154

PRUNEDUR

407

FULLY EQUIVALENT  
RANGE EXPANDED  
IN NEW RECODE

DEC. 93 AND  
EARLIER NAME

JAN. 1994  
LOCATION

FORWARD NAME

LOCATION

COMMENTS

WHEN LAST WORKED AT A REGULAR JOB (UNEMPLOYED)

A-WHENLJ

159

PELKLWO

340

CODE EQUIVALENCIES

- 1 = IN LAST 12 MONTHS  
2 = 1-5 YEARS AGO  
3 = MORE THAN 5 YEARS AGO  
4 = NEVER WORKED FULL TIME  
2 WEEKS OR MORE  
5 = NEVER WORKED AT ALL  
INDUSTRY CODE

- 1 = IN LAST 12 MONTHS  
2 = MORE THAN 12 MONTHS AGO  
3 = NEVER WORKED

| OLD | NEW |
|-----|-----|
| 1   | 1   |
| 2-4 | 2   |
| 5   | 3   |

A-IND

160 PEI01ICD

436

FULLY  
EQUIVALENT

OCCUPATION CODE

A-OCC

163

PEI01OCD

439

FULLY  
EQUIVALENT

CLASS OF WORKER

A-CLSWKR

166

PEI01COW

432

CODE EQUIVALENCIES

- 1 = PRIVATE  
2 = FEDERAL GOVERNMENT  
3 = STATE GOVERNMENT  
4 = LOCAL GOVERNMENT  
5 = SELF-EMPLOYED --  
INCORPORATED  
6 = SELF-EMPLOYED --  
NOT INCORPORATED  
7 = WITHOUT PAY  
8 = NEVER WORKED

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

| OLD | NEW |
|-----|-----|
| 2   | 1   |
| 3   | 2   |
| 4   | 3   |
| 1   | 4,5 |
| 5   | 6   |
| 6   | 7   |
| 7   | 8   |

DEC. 93 AND  
EARLIER NAME

JAN. 1994  
LOCATION

FORWARD NAME

LOCATION

COMMENTS

WHEN LAST WORKED AT A REGULAR JOB (NOT IN THE LABOR FORCE)

A-NLFLJ

169

PENLFJH

566

| CODE EQUIVALENCIES |     |
|--------------------|-----|
| OLD                | NEW |
| 1                  | 1   |
| 2-6                | 2   |
| 7                  | 3   |

- 1 = WITHIN PAST 12 MONTHS
- 2 = 1 UP TO 2 YEARS AGO
- 3 = 2 UP TO 3 YEARS AGO
- 4 = 3 UP TO 4 YEARS AGO
- 5 = 4 UP TO 5 YEARS AGO
- 6 = 5 OR MORE YEARS AGO
- 7 = NEVER WORKED

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

DOES...WANT A JOB NOW

A-WANTJB

171

PRWNTJOB

418

| CODE EQUIVALENCIES |     |
|--------------------|-----|
| OLD                | NEW |
| 1,2                | 1   |
| 3,4                | 2   |

- 1 = YES
- 2 = MAYBE - IT DEPENDS
- 3 = NO
- 4 = DON'T KNOW

- 1 WANT A JOB
- 2 OTHER NOT IN LABOR FORCE

SCHOOL ENROLLMENT ITEMS

A-ENRLW  
A-HSCOL  
A-FTPT

191  
192  
193

PESCHENR  
PESCHLVL  
PESCHFT

575  
579  
577

ALL ARE  
FULLY  
EQUIVALENT

# ATTACHMENT 8

## BASIC CURRENT POPULATION SURVEY RECORD LAYOUT

| NAME<br>LOCATION          | SIZE | DESCRIPTION   |           |
|---------------------------|------|---|-----------|
| A1. HOUSEHOLD INFORMATION |      |   |           |
| HRHHID                    | 12   | HOUSEHOLD IDENTIFIER  | (1 - 12)  |
|                           |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE   |           |
| HUINTYP                   | 2    | TYPE OF INTERVIEW   | (13 - 14) |
|                           |      | VALID ENTRIES   |           |
|                           |      | 0 CATI Interview  |           |
|                           |      | 1 Personal (CAPI)   |           |
|                           |      | 2 Telephone (CAPI)  |           |
| HULENSEC                  | 5    | CUMULATIVE TIME OF AN INTERVIEW IN SECONDS  | (15 - 19) |
|                           |      | VALID ENTRIES   |           |
|                           |      | 00000 Min Value   |           |
|                           |      | 99999 Max Value   |           |
| HUPRSCNT                  | 2    | NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS  | (20 - 21) |
|                           |      | VALID ENTRIES   |           |
|                           |      | 1 Min Value   |           |
|                           |      | 9 Max Value   |           |
| HURESPLI                  | 2    | LINE NUMBER OF THE CURRENT RESPONDENT   | (22 - 23) |
|                           |      | VALID ENTRIES   |           |
|                           |      | 0 Min Value   |           |
|                           |      | 99 Max Value  |           |
| HUFINAL                   | 3    | FINAL OUTCOME CODE  | (24 - 26) |
|                           |      | Outcome Codes Between 001 And 200 Are<br>For CATI. All Other Outcome Codes<br>Are For CAPI. |           |
|                           |      | VALID ENTRIES   |           |
|                           |      | 000 New Interview - Not Contacted   |           |
|                           |      | 001 Fully Complete CATI Interview   |           |
|                           |      | 002 Partially Completed CATI Interview  |           |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |
|------------------|------|---|
| HUFINAL          | 3    | FINAL OUTCOME CODE-Con.                               |
|                  | 005  | Labor Force Complete, Supplement<br>Incomplete - CATI |
|                  | 024  | HH Occupied Entirely By Armed Forces Members          |
|                  | 115  | Partial Interview With Callback Planned - CATI        |
|                  | 200  | New Interview - Contacted                             |
|                  | 201  | CAPI Complete   |
|                  | 202  | Callback Needed                                       |
|                  | 203  | Sufficient Partial - Precloseout                      |
|                  | 204  | Sufficient Partial - At Closeout                      |
|                  | 205  | Labor Force Complete, - Suppl. Incomplete - CAPI      |
|                  | 210  | CAPI Complete Reinterview                             |
|                  | 216  | No One Home   |
|                  | 217  | Temporarily Absent                                    |
|                  | 218  | Refused   |
|                  | 219  | Other Occupied - Specify                              |
|                  | 224  | Armed Forces Occupied Or Under Age 14                 |
|                  | 225  | Temp. Occupied W/Persons With URE                     |
|                  | 226  | Vacant Regular  |
|                  | 227  | Vacant - Storage Of Hhld Furniture                    |
|                  | 228  | Unfit, To Be Demolished                               |
|                  | 229  | Under Construction, Not Ready                         |
|                  | 230  | Converted To Temp Business Or Storage                 |
|                  | 231  | Unoccupied Tent Or Trailer Site                       |
|                  | 232  | Permit Granted - Construction Not Started             |
|                  | 233  | Other - Specify                                       |
|                  | 240  | Demolished  |
|                  | 241  | House Or Trailer Moved                                |
|                  | 242  | Outside Segment                                       |
|                  | 243  | Converted To Perm. Business Or Storage                |
|                  | 244  | Merged  |
|                  | 245  | Condemned   |
|                  | 246  | Built After April 1, 1980                             |
|                  | 247  | Unused Serial No./Listing Sheet Line                  |
|                  | 248  | Other - Specify                                       |

HUSPNISH

2

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

(27 - 28)

VALID ENTRIES

1 SPANISH ONLY LANGUAGE SPOKEN

HETENURE

2

ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES)

(29 - 30)

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

VALID ENTRIES

1 Owned Or Being Bought By A HH Member  
2 Rented For Cash  
3 Occupied Without Payment Of Cash Rent

| NAME<br>LOCATION | SIZE | DESCRIPTION   |           |
|------------------|------|---|-----------|
| HEHOUSUT         | 2    | TYPE OF HOUSING UNIT  | (31 - 32) |
|                  |      | EDITED UNIVERSE: ALL HHLDs IN SAMPLE  |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 0 Other Unit  |           |
|                  |      | 1 House, Apartment, Flat  |           |
|                  |      | 2 HU In Nontransient Hotel, Motel, Etc.   |           |
|                  |      | 3 HU Permanent In Transient Hotel, Motel  |           |
|                  |      | 4 HU In Rooming House   |           |
|                  |      | 5 Mobile Home Or Trailer W/No Perm. Room Added  |           |
|                  |      | 6 Mobile Home Or Trailer W/1 Or More Perm. Rooms Added                                |           |
|                  |      | 7 HU Not Specified Above  |           |
|                  |      | 8 Quarters Not HU In Rooming Or Brdng Hs  |           |
|                  |      | 9 Unit Not Perm. In Transient Hotl, Motl  |           |
|                  |      | 10 Unoccupied Tent Site Or Trlr Site  |           |
|                  |      | 11 Student Quarters In College Dorm   |           |
|                  |      | 12 Other Unit Not Specified Above   |           |
| HETELHHD         | 2    | IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?   | (33 - 34) |
|                  |      | EDITED UNIVERSE: HPRINTSTA = 1  |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Yes   |           |
|                  |      | 2 No  |           |
| HETELAVL         | 2    | IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE<br>IN THIS HOUSEHOLD CAN BE CONTACTED? | (35 - 36) |
|                  |      | EDITED UNIVERSE: HETELHHD = 2   |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Yes   |           |
|                  |      | 2 No  |           |
| HEPHONEO         | 2    | IS A TELEPHONE INTERVIEW ACCEPTABLE?  | (37 - 38) |
|                  |      | EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1   |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Yes   |           |
|                  |      | 2 No  |           |

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

VALID ENTRIES

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

|         |   |                            |           |
|---------|---|----------------------------|-----------|
| HUTYPEA | 2 | TYPE A NONINTERVIEW REASON | (41 - 42) |
|---------|---|----------------------------|-----------|

VALID ENTRIES

- 1 No One Home (Noh)
- 2 Temporarily Absent (TA)
- 3 Refused (Ref)
- 4 Other Occupied - Specify

|          |  |                             |           |
|----------|--|-----------------------------|-----------|
| HUTYPEB2 |  | TYPE B NON-INTERVIEW REASON | (43 - 44) |
|----------|--|-----------------------------|-----------|

VALID ENTRIES

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

NAME  
LOCATION

SIZE

DESCRIPTION

HUTYPE2

TYPE C NON-INTERVIEW REASON

(45 - 46)

VALID ENTRIES

- 1 Demolished
- 2 House Or Trailer Moved
- 3 Outside Segment
- 4 Converted To Perm. Business Or Storage
- 5 Merged
- 6 Condemned
- 8 Unused Line Of Listing Sheet
- 9 Other - Specify

HWHHWGT

10

HOUSEHOLD WEIGHT  
USED FOR TALLYING HOUSEHOLD CHARACTERISTICS

(47 - 56)

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

HRINTSTA

2

INTERVIEW STATUS

(57 - 58)

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 1 Interview
- 2 Type A Non-Interview
- 3 Type B Non-Interview
- 4 Type C Non-Interview

HRNUMHOU

2

TOTAL NUMBER OF PERSONS LIVING  
IN THE HOUSEHOLD (HOUSEHOLD MEMBERS).

(59 - 60)

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 0 Min Value
- 16 Max Value

HRHTYPE

2

HOUSEHOLD TYPE

(61 - 62)

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- 0 Non-Interview Household
- 1 Husband/Wife Primary Family (Neither AF)
- 2 Husb/Wife Prim. Family (Either/both AF)
- 3 Unmarried Civilian Male-Prim. Fam Hhlder
- 4 Unmarried Civ. Female-Prim Fam Hhlder
- 5 Primary Family Hhlder-Rp In Af, Unmar.
- 6 Civilian Male Primary Individual
- 7 Civilian Female Primary Individual
- 8 Primary Individual Hhld-Rp In AF
- 9 Group Quarters With Family

| NAME<br>LOCATION | SIZE | DESCRIPTION  |           |
|------------------|------|--|-----------|
|                  | 10   | Group Quarters Without Family  |           |
| HRMIS            | 2    | MONTH-IN-SAMPLE<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br>VALID ENTRIES<br>1 Min Value<br>8 Max Value   | (63 - 64) |
| HRMONTH          | 2    | MONTH OF INTERVIEW<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br>VALID ENTRIES<br>01 Min Value<br>12 Max Value  | (65 - 66) |
| HRYEAR           | 2    | YEAR OF INTERVIEW<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br>VALID ENTRIES<br>0 Min Value<br>99 Max Value  | (67 - 68) |
| HRLONGLK         | 2    | LONGITUDINAL LINK INDICATOR<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br>VALID ENTRIES<br>0 MIS 1 Or Replacement HH (No Link)<br>2 MIS 2-4 Or MIS 6-8<br>3 MIS 5 | (69 - 70) |
| HRSAMPLE         | 4    | SAMPLE IDENTIFIER<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br>VALID ENTRIES<br>1st Digit - A-z<br>Digits 2-4 - 000-999  | (71 - 74) |
| HRSEUSUF         | 2    | SERIAL SUFFIX<br>IDENTIFIES EXTRA UNITS<br>EDITED UNIVERSE: ALL HHLDs IN SAMPLE<br>VALID ENTRIES   | (75 - 76) |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |           |
|------------------|------|---|-----------|
|                  |      | A-Z   |           |
| HUHHNUM          | 2    | HOUSEHOLD NUMBER  | (77 - 78) |
|                  |      | THE INITIAL HOUSEHOLD RECEIVES A<br>VALUE OF 1, AND SUBSEQUENT REPLACEMENT<br>HOUSEHOLDS INCREASE THE VALUE BY 1. |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 01 Min Value  |           |
|                  |      | 08 Max Value  |           |
| HUBUS            | 2    | DOES ANYONE IN THIS HOUSEHOLD<br>HAVE A BUSINESS OR A FARM?   | (79 - 80) |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Yes   |           |
|                  |      | 2 No  |           |
| HUBUSL1          | 2    | ENTER LINE NUMBER FOR HUBUS - 1   | (81 - 82) |
|                  |      | VALID ENTRIES   |           |
|                  |      | 01 Min Value  |           |
|                  |      | 99 Max Value  |           |
| HUBUSL2          | 2    | See BUSL1 (83 - 84)   |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Min Value   |           |
|                  |      | 99 Max Value  |           |
| HUBUSL3          | 2    | See BUSL1 (85 - 86)   |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Min Value   |           |
|                  |      | 99 Max Value  |           |
| HUBUSL4          | 2    | See BUSL1 (87 - 88)   |           |
|                  |      | VALID ENTRIES   |           |
|                  |      | 1 Min Value   |           |
|                  |      | 99 Max Value  |           |

NAME  
LOCATION

SIZE

DESCRIPTION

A2. GEOGRAPHIC INFORMATION

GEREG

2

REGION

(89 - 90)

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- |   |                                  |
|---|----------------------------------|
| 1 | Northwest                        |
| 2 | Midwest (Formerly North Central) |
| 3 | South                            |
| 4 | West                             |

GESTCEN

2

CENSUS STATE CODE

(91 - 92)

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

- |       |       |
|-------|-------|
| 11 ME | 85 NM |
| 12 NH | 86 NC |
| 13 VT | 87 SC |
| 14 MA | 88 GA |
| 15 RI | 89 FL |
| 16 CT | 90 KY |
| 21 NY | 91 TN |
| 22 NJ | 92 AL |
| 23 PA | 93 MS |
| 31 OH | 94 AR |
| 32 IN | 95 LA |
| 33 IL | 96 OK |
| 34 MI | 97 TX |
| 35 WI | 98 MT |
| 41 MN | 99 ID |
| 42 IA | 00 WY |
| 43 MO | 01 CO |
| 44 ND | 02 AZ |
| 45 SD | 03 UT |
| 46 NE | 04 NV |
| 47 KS | 05 WA |
| 51 DE | 06 OR |
| 52 MD | 07 CA |
| 53 DC | 08 AK |
| 54 VA | 09 HI |
| 55 WV |       |

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

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

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

|        |   |                       |           |
|--------|---|-----------------------|-----------|
| GECMSA | 2 | CONSOLIDATED MSA CODE | (95 - 96) |
|--------|---|-----------------------|-----------|

EDITED UNIVERSE: ALL HHLD's IN SAMPLE

VALID ENTRIES

|    |           |
|----|-----------|
| 7  | MIN VALUE |
| 97 | MAX VALUE |

| NAME    | SIZE | DESCRIPTION  | LOCATION    |
|---------|------|--|-------------|
| GEMSA   | 4    | MSA/PMSA FIPS CODE                                   | (97 - 100)  |
|         |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
|         |      | <u>VALID ENTRIES</u>                                 |             |
|         |      | 0 = NON MET/NOT IDENTIFIED                           |             |
|         |      | 0001   | MIN VALUE   |
|         |      | 9999   | MAX VALUE   |
| GEMSARK | 3    | MSA OR CMSA RANK                                     | (101 - 103) |
|         |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
|         |      | <u>VALID ENTRIES</u>                                 |             |
|         |      | 0 = NON MET/NOT IDENTIFIED                           |             |
|         |      | 1  | MIN VALUE   |
|         |      | 252  | MAX VALUE   |
| GEMSASZ | 2    | MSA FINAL SIZE.<br>RANGE OF 1980<br>POP OF MSA/CMSA. | (104 - 105) |
|         |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
|         |      | <u>VALID ENTRIES</u>                                 |             |
|         |      | 0 = NON MET/NOT IDENTIFIED                           |             |
|         |      | 2 = 100,000 - 249,999                                |             |
|         |      | 3 = 250,000 - 499,999                                |             |
|         |      | 4 = 500,000 - 999,999                                |             |
|         |      | 5 = 1,000,000 - 2,499,999                            |             |
|         |      | 6 = 2,500,000 - 4,999,999                            |             |
|         |      | 7 = 5,000,000 - 9,999,999                            |             |
|         |      | 8 = 10,000,000+                                      |             |

| NAME     | SIZE | DESCRIPTION  | LOCATION    |
|----------|------|--|-------------|
| GEPMsrK  | 2    | PMSA RANK  | (106 - 107) |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
|          |      | <u>VALID ENTRIES</u>                                 |             |
|          |      | 1 MIN VALUE  |             |
|          |      | 12 MAX VALUE   |             |
| GEMsAST  | 2    | MSA STATUS   | (108 - 109) |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
|          |      | <u>VALID ENTRIES</u>                                 |             |
|          |      | 1 CENTRAL CITY                                       |             |
|          |      | 2 BALANCE  |             |
|          |      | 3 NON-METROPOLITAN                                   |             |
|          |      | 4 NOT IDENTIFIED                                     |             |
| GEINDVCC | 2    | INDIVIDUAL CENTRAL CITY<br>(SEE GEOGRAPHIC APPENDIX) | (110 - 111) |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
| GEMETSTA | 2    | METROPOLITAN STATUS                                  | (112 - 113) |
|          |      | EDITED UNIVERSE: ALL HHLD's IN SAMPLE                |             |
|          |      | <u>VALID ENTRIES</u>                                 |             |
|          |      | 1 = METROPOLITAN                                     |             |
|          |      | 2 = NON METROPOLITAN                                 |             |
|          |      | 3 = NOT IDENTIFIED                                   |             |
| FILLER   | 2    |  | (114 - 115) |



NAME  
LOCATION

SIZE

DESCRIPTION

A3. PERSONS INFORMATION  
DEMOGRAPHIC ITEMS

PUPELIG

2

INTERVIEW STATUS OF EACH PERSON  
IN THE HOUSEHOLD

(116 - 117)

VALID ENTRIES

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

PERRP

2

RELATIONSHIP TO REFERENCE PERSON

(118 - 119)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 01 Ref Pers With Other Relatives In HH
- 02 Ref Pers With No Other Relatives In HH
- 03 Spouse
- 04 Child
- 05 Grandchild
- 06 Parent
- 07 Brother/Sister
- 08 Other Relative
- 09 Foster Child
- 10 Non-Rel Of Ref Per W/Own Rels In HH
- 11 Partner/roommate
- 12 Non-Rel Of Ref Per W/No Own Rels In HH

PEPARENT

2

LINE NUMBER OF PARENT

(120 - 121)

EDITED UNIVERSE: EVERY PERSON

VALID ENTRIES

- 1 No Parent
- 01 Min Value
- 99 Max Value

| NAME<br>LOCATION | SIZE | DESCRIPTION                                 |             |
|------------------|------|---|-------------|
| PEAGE            | 2    | PERSONS AGE AS OF THE<br>END OF SURVEY WEEK | (122 - 123) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3      |             |
|                  |      | VALID ENTRIES                               |             |
|                  |      | 0 Min Value                                 |             |
|                  |      | 90 Max Value                                |             |
| PTAGE            | 1    | TOP CODE FOR AGE                            | (124 - 124) |
|                  |      | VALID ENTRIES                               |             |
|                  |      | 0 No Top Code                               |             |
|                  |      | 1 Top Coded Value For Age                   |             |
| PEMARITL         | 2    | MARITAL STATUS                              | (125 - 126) |
|                  |      | EDITED UNIVERSE: PEAGE > = 15               |             |
|                  |      | VALID ENTRIES                               |             |
|                  |      | 1 Married - Spouse Present                  |             |
|                  |      | 2 Married - Spouse Absent                   |             |
|                  |      | 3 Widowed                                   |             |
|                  |      | 4 Divorced                                  |             |
|                  |      | 5 Separated                                 |             |
|                  |      | 6 Never Married                             |             |
| PESPOUSE         | 2    | LINE NUMBER OF SPOUSE                       | (127 - 128) |
|                  |      | EDITED UNIVERSE: PEMARITL = 1               |             |
|                  |      | VALID ENTRIES                               |             |
|                  |      | -1 No Spouse                                |             |
|                  |      | 01 Min Value                                |             |
|                  |      | 99 Max Value                                |             |
| PESEX            | 2    | SEX   | (129 - 130) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3      |             |
|                  |      | VALID ENTRIES                               |             |
|                  |      | 1 Male                                      |             |
|                  |      | 2 Female                                    |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PUAFEVER         | 2    | DID YOU EVER SERVE ON ACTIVE<br>DUTY IN THE U.S. ARMED FORCES? | (131 - 132) |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
| PEAFWHEN         | 2    | WHEN DID YOU SERVE?  | (133 - 134) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2                                  |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Vietnam Era (8/64-4/75)  |             |
|                  | 2    | Korean War (6/50-1/55)   |             |
|                  | 3    | World War II (9/40-7/47)                                       |             |
|                  | 4    | World War I (4/17-11/18)                                       |             |
|                  | 5    | Other Service (All Other Periods)                              |             |
|                  | 6    | Nonveteran   |             |
| PEAFNOW          | 2    | ARE YOU NOW IN THE ARMED FORCES                                | (134 - 136) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2 OR 3                             |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
| PEEDUCA          | 2    | HIGHEST LEVEL OF SCHOOL<br>COMPLETED OR DEGREE RECEIVED        | (137 - 138) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2 OR 3                             |             |
|                  |      | VALID ENTRIES  |             |
|                  | 31   | Less Than 1st Grade  |             |
|                  | 32   | 1st, 2nd, 3rd Or 4th Grade                                     |             |
|                  | 33   | 5th Or 6th Grade   |             |
|                  | 34   | 7th Or 8th Grade   |             |
|                  | 35   | 9th Grade  |             |
|                  | 36   | 10th Grade   |             |
|                  | 37   | 11th Grade   |             |
|                  | 38   | 12th Grade No Diploma  |             |
|                  | 39   | High School Grad-diploma Or Equiv (Ged)                        |             |
|                  | 40   | Some College But No Degree                                     |             |
|                  | 41   | Associate Degree-Occupational/Vocational                       |             |
|                  | 42   | Associate Degree-Academic Program                              |             |
|                  | 43   | Bachelor's Degree (Ex: BA, AB, BS)                             |             |
|                  | 44   | Master's Degree (Ex: MA, MS, MENG, MED, MSW)                   |             |
|                  | 45   | Professional School Deg (Ex: MD, DDS, DVM)                     |             |
|                  | 46   | Doctorate Degree (Ex: PHD, EDD)                                |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PERACE           | 2    | RACE   | (139 - 140) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3               |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 White  |             |
|                  |      | 2 Black  |             |
|                  |      | 3 American Indian, Aleut, Eskimo                     |             |
|                  |      | 4 Asian Or Pacific Islander                          |             |
|                  |      | 5 Other - Specify                                    |             |
| PRORIGIN         | 2    | ORIGIN OR DESCENT                                    | (141 - 142) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3               |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 01 Mexican American                                  |             |
|                  |      | 02 Chicano   |             |
|                  |      | 03 Mexican (Mexicano)                                |             |
|                  |      | 04 Puerto Rican                                      |             |
|                  |      | 05 Cuban   |             |
|                  |      | 06 Central Or South American                         |             |
|                  |      | 07 Other Spanish                                     |             |
|                  |      | 08 All Other   |             |
|                  |      | 09 Don't Know  |             |
|                  |      | 10 NA  |             |
| PUCHINHH         | 2    | CHANGE IN HOUSEHOLD COMPOSITION                      | (143 - 144) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Person Added                                       |             |
|                  |      | 2 Person Added - URE                                 |             |
|                  |      | 3 Person Undeleted                                   |             |
|                  |      | 4 Person Died  |             |
|                  |      | 5 Deleted For Reason Other Than Death                |             |
|                  |      | 6 Person Joined Armed Forces                         |             |
|                  |      | 7 Person No Longer In AF                             |             |
|                  |      | 8 Change In Demographic Information                  |             |
| PUREFLG          | 2    | FLAG FOR RELATIONSHIP TO THE<br>OWNER OF A BUSINESS. | (145 - 146) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Not Owner Or Related To Owner                      |             |
|                  |      | 1 Owner Of Bus Or Related To Owner Of Bus            |             |
| PULINENO         | 2    | PERSON'S LINE NUMBER                                 | (147 - 148) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 01 Min Value   |             |

NAME  
LOCATION

SIZE

DESCRIPTION

99 Max Value

FILLER2

(149 - 150)

PRFAMNUM

2

FAMILY NUMBER RECODE

(151 - 152)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

00 Not A Family Member  
01 Primary Family Member Only  
02 Subfamily No. 2 Member  
03 Subfamily No. 3 Member  
04 Subfamily No. 4 Member  
05 Subfamily No. 5 Member  
06 Subfamily No. 6 Member  
07 Subfamily No. 7 Member  
08 Subfamily No. 8 Member  
09 Subfamily No. 9 Member  
10 Subfamily No. 10 Member  
11 Subfamily No. 11 Member  
12 Subfamily No. 12 Member  
13 Subfamily No. 13 Member  
14 Subfamily No. 14 Member  
15 Subfamily No. 15 Member  
16 Subfamily No. 16 Member  
17 Subfamily No. 17 Member  
18 Subfamily No. 18 Member  
19 Subfamily No. 19 Member

PRFAMREL

2

FAMILY RELATIONSHIP RECODE

(153 - 154)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

0 Not A Family Member  
1 Reference Person  
2 Spouse  
3 Child  
4 Other Relative (Primary Family & Unrel)

PRFAMTYP

2

FAMILY TYPE RECODE

(155 - 156)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

1 Primary Family  
2 Primary Individual  
3 Related Subfamily  
4 Unrelated Subfamily  
5 Secondary Individual

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PRHSPNON         | 2    | HISPANIC OR NON-HISPANIC                              | (157 - 158) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3                |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Hispanic  |             |
|                  |      | 2 Non-Hispanic  |             |
| PRMARSTA         | 2    | MARITAL STATUS BASED ON<br>ARMED FORCES PARTICIPATION | (159 - 160) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2 OR 3                    |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Married, Civilian Spouse Present                    |             |
|                  |      | 2 Married, Armed Forces Spouse Present                |             |
|                  |      | 3 Married, Spouse Absent (Exc. Separated)             |             |
|                  |      | 4 Widowed   |             |
|                  |      | 5 Divorced  |             |
|                  |      | 6 Separated   |             |
|                  |      | 7 Never Married                                       |             |
| PRPERTYP         | 2    | TYPE OF PERSON RECORD RECODE                          | (161 - 162) |
|                  |      | EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS                |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Child Household Member                              |             |
|                  |      | 2 Adult Civilian Household Member                     |             |
|                  |      | 3 Adult Armed Forces Household Member                 |             |
| PENATVTY         | 3    | COUNTRY OF BIRTH                                      | (163 - 165) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3                |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 057 - United States                                   |             |
|                  |      | 072 - Puerto Rico                                     |             |
|                  |      | 096 - U.S. Outlying Area                              |             |
|                  |      | 100-554 - Foreign Country Or At Sea                   |             |
|                  |      | 555 - Abroad, Country Not Known                       |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PEMNTVTY

3

MOTHER'S COUNTRY OF BIRTH

(166 - 168)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

057 - United States  
072 - Puerto Rico  
096 - U.S. Outlying Area  
100-554 - Foreign Country Or At Sea  
555 - Abroad, Country Not Known

PEFNTVTY

3

FATHER'S COUNTRY OF BIRTH

(169 - 171)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

057 - United States  
072 - Puerto Rico  
096 - U.S. Outlying Area  
100-554 - Foreign Country Or At Sea  
555 - Abroad, Country Not Known

PRCITSHIP

2

CITIZENSHIP STATUS

(172 - 173)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

VALID ENTRIES

1 - Native, Born In The United States  
2 - Native, Born In Puerto Rico Or U.S. Outlying Area  
3 - Native, Born Abroad Of American Parent Or Parents  
4 - Foreign Born, U.S. Citizen By Naturalization  
5 - Foreign Born, Not A Citizen Of The United States

PRCITFLG

2

CITIZENSHIP ALLOCATION FLAG

(174 - 175)

EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3

(SEE APPENDIX X FOR VALUES OF ALLOCATION FLAGS)

Placed in this position because naming convention is  
different from all other allocation flags.

| NAME<br>LOCATION | SIZE | DESCRIPTION               |
|------------------|------|---------------------------|
| PEINUSYR         | 2    | IMMIGRANT'S YEAR OF ENTRY |

(176 - 177)

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

# VALID ENTRIES

- 1 = Not In Universe (Born In U.S.)
- 01 = Before 1950
- 02 = 1950-1959
- 03 = 1960-1964
- 04 = 1965-1969
- 05 = 1970-1974
- 06 = 1975-1979
- 07 = 1980-1981
- 08 = 1982-1983
- 09 = 1984-1985
- 10 = 1986-1987
- 11 = 1988-1989
- 12 = 1990-1991
- 13 = 1992-1994

NAME  
LOCATION

SIZE

DESCRIPTION

A4. PERSONS INFORMATION  
LABOR FORCE ITEMS

PUSLFPRX

2

LABOR FORCE INFORMATION COLLECTED  
BY SELF OR PROXY RESPONSE

(178 - 179)

VALID ENTRIES

- 1 Self
- 2 Proxy
- 3 Both Self And Proxy

PEMLR

2

MONTHLY LABOR FORCE RECODE  
EDITED UNIVERSE: PRPERTYP = 2

(180 - 181)

VALID ENTRIES

- 1 Employed-At Work
- 2 Employed-Absent
- 3 Unemployed-On Layoff
- 4 Unemployed-Looking
- 5 Not In Labor Force-Retired
- 6 Not In Labor Force-Disabled
- 7 Not In Labor Force-Other

PUWK

2

LAST WEEK, DID YOU DO ANY WORK  
FOR (EITHER) PAY (OR PROFIT)?

(182 - 183)

VALID ENTRIES

- 1 Yes
- 2 No
- 3 Retired
- 4 Disabled
- 5 Unable To Work

PUBUS1

2

LAST WEEK, DID YOU DO ANY  
UNPAID WORK IN THE FAMILY  
BUSINESS OR FARM?

(184 - 185)

VALID ENTRIES

- 1 Yes
- 2 No

PUBUS2OT

2

DO YOU RECEIVE ANY PAYMENTS  
OR PROFITS FROM THE BUSINESS?

(186 - 187)

VALID ENTRIES

- 1 Yes
- 2 No

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PUBUSCK1         | 2    | CHECK ITEM 1 (188 - 189)   |             |
|                  |      | Filter For Questions On Unpaid Work  |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | GoTo PUBUS1  |             |
|                  | 2    | GoTo PURETCK1  |             |
| PUBUSCK2         | 2    | CHECK ITEM 2 (190 - 191)   |             |
|                  |      | Skips owners of family business who did not work last week   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | GoTo PUHRUSL1  |             |
|                  | 2    | GoTo PUBUS2  |             |
| PUBUSCK3         | 2    | CHECK ITEM 3 (192 - 193)   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | GoTo PUABSRSN  |             |
|                  | 2    | GoTo PULAY   |             |
| PUBUSCK4         | 2    | CHECK ITEM 4 (194 - 195)   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | GoTo PUHRUSL1  |             |
|                  | 2    | GoTo PUABSPD   |             |
| PURETOT          | 2    | RETIREMENT STATUS  | (196 - 197) |
|                  |      | (Last Month You Were Reported To Be Retired, Are You Still Retired This Month?)  |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
|                  | 3    | Was Not Retired Last Month   |             |
| PUDIS            | 2    | DISABILITY STATUS  | (198 - 199) |
|                  |      | (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? |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
|                  | 3    | Did Not Have Disability Last Month   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PERET1           | 2    | DO YOU CURRENTLY WANT A JOB, EITHER<br>FULL OR PART-TIME?   | (200 - 201) |
|                  |      | EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR<br>(PUWK = 3 AND PEAGE >= 50) OR<br>(PUABS = 3 AND PEAGE >= 50) OR<br>(PULAY = 3 AND PEAGE >= 50)) |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Has A Job   |             |
| PUDIS1           | 2    | DOES YOUR DISABILITY PREVENT YOU FROM<br>ACCEPTING ANY KIND OF WORK DURING<br>THE NEXT SIX MONTHS?  | (202 - 203) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
| PUDIS2           | 2    | DO YOU HAVE A DISABILITY THAT PREVENTS<br>YOU FROM ACCEPTING ANY KIND OF WORK<br>DURING THE NEXT SIX MONTHS?                                      | (204 - 205) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
| PUABSOT          | 2    | LAST WEEK DID YOU HAVE A JOB<br>EITHER FULL OR PART-TIME?   | (206 - 207) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Retired   |             |
|                  |      | 4 Disabled  |             |
|                  |      | 5 Unable To Work  |             |
| PULAY            | 2    | LAST WEEK, WERE YOU ON LAYOFF<br>FROM A JOB?  | (208 - 209) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Retired   |             |
|                  |      | 4 Disabled  |             |
|                  |      | 5 Unable To Work  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEABSRSN         | 2    | WHAT IS THE MAIN REASON YOU<br>WERE ABSENT FROM WORK LAST WEEK?              | (210 - 211) |
|                  |      | EDITED UNIVERSE: PEMLR = 2   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 On Layoff  |             |
|                  |      | 2 Slack Work/Business Conditions   |             |
|                  |      | 3 Waiting For A New Job To Begin   |             |
|                  |      | 4 Vacation/Personal Days   |             |
|                  |      | 5 Own Illness/Injury/Medical Problems  |             |
|                  |      | 6 Child Care Problems  |             |
|                  |      | 7 Other Family/Personal Obligation   |             |
|                  |      | 8 Maternity/Paternity Leave  |             |
|                  |      | 9 Labor Dispute  |             |
|                  |      | 10 Weather Affected Job  |             |
|                  |      | 11 School/Training   |             |
|                  |      | 12 Civic/Military Duty   |             |
|                  |      | 13 Does Not Work in The Business   |             |
|                  |      | 14 Other (Specify)   |             |
| PEABSPDO         | 2    | ARE YOU BEING PAID BY YOUR<br>EMPLOYER FOR ANY OF THE<br>TIME OFF LAST WEEK? | (212 - 213) |
|                  |      | EDITED UNIVERSE: PEABSRSN = 4-12, 14   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEMJOT           | 2    | DO YOU HAVE MORE THAN ONE JOB?   | (214 - 215) |
|                  |      | EDITED UNIVERSE: PEMLR = 1, 2  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEMJNUM          | 2    | ALTOGETHER, HOW MANY JOBS DID YOU HAVE?                                      | (216 - 217) |
|                  |      | EDITED UNIVERSE: PEMJOT = 1  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 2 2 Jobs   |             |
|                  |      | 3 3 Jobs   |             |
|                  |      | 4 4 Or More Jobs   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PEHRUSL1         | 2    | HOW MANY HOURS PER WEEK DO YOU<br>USUALLY WORK AT YOUR MAIN JOB?          | (218 - 219) |
|                  |      | EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2                       |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | -4 Hours Vary   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 99 Max Value  |             |
| PEHRUSL2         | 2    | HOW MANY HOURS PER WEEK DO YOU<br>USUALLY WORK AT YOUR OTHER (JOB/JOB)?   | (220 - 221) |
|                  |      | EDITED UNIVERSE: PEMJOT = 1<br>AND PEMLR = 1 OR 2                         |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | -4 Hours Vary   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 99 Max Value  |             |
| PEHRFTPT         | 2    | DO YOU USUALLY WORK 35 HOURS OR<br>MORE PER WEEK?                         | (222 - 223) |
|                  |      | EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4                           |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Hours Vary  |             |
| PEHRUSLT         | 3    | SUM OF HRUSL1 AND HRUSL2.   | (224 - 226) |
|                  |      | EDITED UNIVERSE: PEMLR = 1 OR 2   |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | -4 Varies   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 198 Max Value   |             |
| PEHRWANT         | 2    | DO YOU WANT TO WORK A FULL-TIME<br>WORKWEEK OF 35 HOURS OR MORE PER WEEK? | (227 - 228) |
|                  |      | EDITED UNIVERSE: PEHRUSLT = 0-34  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Regular Hours Are Full-time   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PEHRRSN1         | 2    | WHAT IS YOUR MAIN REASON FOR<br>WORKING PART-TIME?  | (229 - 230) |
|                  |      | EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1<br>AND PEHRUSLT < 35)                            |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Slack Work/Business Conditions  |             |
|                  |      | 2 Could Only Find Part-time Work  |             |
|                  |      | 3 Seasonal Work   |             |
|                  |      | 4 Child Care Problems   |             |
|                  |      | 5 Other Family/Personal Obligations   |             |
|                  |      | 6 Health/medical Limitations  |             |
|                  |      | 7 School/training   |             |
|                  |      | 8 Retired/Social Security Limit On Earnings   |             |
|                  |      | 9 Full-time Workweek Is Less Than 35 Hrs  |             |
|                  |      | 10 Other - Specify  |             |
| PEHRRSN2         | 2    | WHAT IS THE MAIN REASON YOU DO NOT<br>WANT TO WORK FULL-TIME?                             | (231 - 232) |
|                  |      | EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1<br>AND PEHRUSLT < 35)                            |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Child Care Problems   |             |
|                  |      | 2 Other Family/Personal Obligations   |             |
|                  |      | 3 Health/medical Limitations  |             |
|                  |      | 4 School/training   |             |
|                  |      | 5 Retired/Social Security Limit On Earnings   |             |
|                  |      | 6 Full-time Workweek Less Than 35 Hours   |             |
|                  |      | 7 Other - Specify   |             |
| PEHRRSN3         | 2    | WHAT IS THE MAIN REASON YOU WORKED<br>LESS THAN 35 HOURS LAST WEEK?                       | (233 - 234) |
|                  |      | EDITED UNIVERSE: PEHRACTT = 1-34 AND<br>PUHRCK7 NE 1, 2 (PEMLR = 1<br>AND PEHRUSLT = 35+) |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Slack Work/Business Conditions  |             |
|                  |      | 2 Seasonal Work   |             |
|                  |      | 3 Job Started Or Ended During Week  |             |
|                  |      | 4 Vacation/Personal Day   |             |
|                  |      | 5 Own Illness/Injury/Medical Appointment  |             |
|                  |      | 6 Holiday (Legal Or Religious)  |             |
|                  |      | 7 Child Care Problems   |             |
|                  |      | 8 Other Family/Personal Obligations   |             |
|                  |      | 9 Labor Dispute   |             |
|                  |      | 10 Weather Affected Job   |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PEHRRSN3

2

WHAT IS THE MAIN REASON YOU WORKED  
LESS THAN 35 HOURS LAST WEEK?—Con.

- 11 School/Training
- 12 Civic/Military Duty
- 13 Other Reason

PUHROFF1

2

LAST WEEK, DID YOU LOSE OR TAKE  
OFF ANY HOURS FROM YOUR JOB, FOR  
ANY REASON SUCH AS ILLNESS, SLACK WORK,  
VACATION, OR HOLIDAY?

(235 - 236)

VALID ENTRIES

- 1 Yes
- 2 No

PUHROFF2

2

HOW MANY HOURS DID YOU TAKE OFF?

(237 - 238)

VALID ENTRIES

- 0 Min Value
- 99 Max Value

PUHROT1

2

LAST WEEK, DID YOU WORK ANY  
OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB)  
THAT YOU DO NOT USUALLY WORK?

(239 - 240)

VALID ENTRIES

- 1 Yes
- 2 No

PUHROT2

2

HOW MANY ADDITIONAL HOURS  
DID YOU WORK?

(241 - 242)

VALID ENTRIES

- 0 Min Value
- 99 Max Value

PEHRACT1

2

LAST WEEK, HOW MANY HOURS DID YOU  
ACTUALLY WORK AT YOUR JOB?

(243 - 244)

EDITED UNIVERSE: PEMLR = 1

VALID ENTRIES

- 0 Min Value
- 99 Max Value

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEHRACT2         | 2    | LAST WEEK, HOW MANY HOURS DID<br>YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOB)               | (245 - 246) |
|                  |      | EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 99 Max Value   |             |
| PEHRACTT         | 3    | SUM OF PEHRACT1 AND PEHRACT2.  | (247 - 249) |
|                  |      | EDITED UNIVERSE: PEMLR = 1   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 198 Max Value  |             |
| PEHRAVL          | 2    | LAST WEEK, COULD YOU HAVE WORKED<br>FULL-TIME IF THE HOURS HAD BEEN AVAILABLE?           | (250 - 251) |
|                  |      | EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1<br>AND PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3) |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PULBHSEC         | 5    | TOTAL SECONDS TO COMPLETE LABOR<br>FORCE ITEMS.  | (252 - 256) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 00000 Min Value  |             |
|                  |      | 99999 Max Value  |             |
| PUHRCK1          | 2    | CHECK ITEM 1 (257 - 258)   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 GoTo PUHRUSL2  |             |
|                  |      | 2 GoTo PUHRUSLT  |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PUHRCK2

2

CHECK ITEM 2 (259 - 260)

Skips Persons Responding Yes To  
HRFTPT Out Of PT Series

VALID ENTRIES

- 1) If Entry Of 1 In VJ And  
Entry Of D, R OR V In HRUSL1  
And Entry Of D, R, V Or 0-34  
In HRUSL2 GoTo HRFTPT
- 2) If Entry Of 1 In MJ And ENTRY  
Of D, R Or V In HRUSL2 And  
ENTRY Of D, R V Or 0-34 In  
HRUSL1 GoTo HRFTPT
- 3) If Entry Of 2, D Or R In MJ  
And ENTRY Of D, R Or V In HRUSL1  
GoTo HRFTPT
- 4) If Entry Of 1 IN BUS1 And ENTRY  
Of D, R Or V In HRUSL1 Then  
GoTo HRFTPT
- 5) All Others GoTo HRCK3-C

PUHRCK3

2

CHECK ITEM 3 (261 - 262)

VALID ENTRIES

- 1) If Entry Of 1 In ABSOT Or  
(ENTRY Or 2 In ABSOT And  
Entry Of 1 In BUS And Current  
R\_P EQUALS BUSLST) THEN GoTo HRCK3
- 2) If Entry Of 3 In RET1 GoTo HRCK3
- 3) IF ENTRY In HRUSLT IS 0-34 Hours  
GoTo HRCK4-C
- 4) If Entry In HRUSLT IS 35+ GoTo HROFF1
- 5) All Others GoTo HRCK4-C
- 6) GoTo PUHRCK4

PUHRCK4

2

CHECK ITEM 4 (263 - 264)

VALID ENTRIES

- 1) If Entry Of 1, D, R Or V  
IN HRFTPT THEN GoTo HRACT1
- 2) If Entry Of 2, D Or R In BUS2 Then  
GoTo HROFF1
- 3) IF HRUSLT IS 0-34 Then GoTo HRWANT
- 4) If Entry Of 2 In HRFTPT Then  
GoTo HRWANT
- 5) All Others GoTo HRACT1

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PUHRCK5          | 2    | CHECK ITEM 5 (265 - 266)  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 1 In MJOT GoTo HRACT2  |             |
|                  |      | 2) All Others GoTo HRCK6-C  |             |
| PUHRCK6          | 2    | CHECK ITEM 6 (267 - 268)  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If HRACT1 And HRACT2 EQ 0 And<br>Entry Of 2, D, R In BUS2 Then GoTo LK   |             |
|                  |      | 2) IF HRACT1 And HRACT2 EQ 0 Then<br>Store 1 In ABSOT And GoTo ABSRSN   |             |
|                  |      | 3) All Others GoTo HRACTT-C   |             |
| PUHRCK7          | 2    | CHECK ITEM 7 (269 - 270)  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) (If Entry Of 2, D Or R In BUS2) And<br>(HRACT1 Less Than 15 Or D) GoTo HRCK8   |             |
|                  |      | 2) (If Entry Of 2, D Or R In BUS2) And<br>(HRACT1 IS 15+) GoTo HRCK8  |             |
|                  |      | 3) (IF HRUSLT IS 35+ Or If Entry Of 1<br>IN HRFTPT) And (HRACTT < 35) And<br>ENTRY In HRACT1 Or HRACT2<br>Isn't D Or R Then GoTo HRRSN3 |             |
|                  |      | 4) If Entry Of 1 In HRWANT And<br>HRACTT < 35 And (ENTRY Of 1, 2, 3<br>IN HRRSN1) GoTo HRAVL  |             |
|                  |      | 5) All Others GoTo HRCK8  |             |
| PUHRCK12         | 2    | CHECK ITEM 12   | (271 - 272) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 2, D Or R In BUS2<br>And HRACTT Is Less Than 15<br>Or D GoTo LK  |             |
|                  |      | 2) All Others GoTo IOCK1  |             |
| PULAYDT          | 2    | HAS YOUR EMPLOYER GIVEN YOU A DATE<br>TO RETURN TO WORK?  | (273 - 274) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PULAY6M          | 2    | HAVE YOU BEEN GIVEN ANY INDICATION<br>THAT YOU WILL BE RECALLED TO WORK WITHIN<br>THE NEXT 6 MONTHS?         | (275 - 276) |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
| PELAYAVL         | 2    | COULD YOU HAVE RETURNED TO WORK<br>LAST WEEK IF YOU HAD BEEN RECALLED?                                       | (277 - 278) |
|                  |      | EDITED UNIVERSE: PEMIR - 3   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
| PULAYAVR         | 2    | WHY IS THAT? (279 - 280)   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Own Temporary Illness  |             |
|                  | 2    | Going To School  |             |
|                  | 3    | Other  |             |
| PELAYLK          | 2    | EVEN THOUGH YOU ARE TO BE CALLED BACK<br>TO WORK, HAVE YOU BEEN LOOKING FOR WORK<br>DURING THE LAST 4 WEEKS. | (281 - 282) |
|                  |      | EDITED UNIVERSE: PELAYAVL - 1, 2   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Yes  |             |
|                  | 2    | No   |             |
| PELAYDUR         | 3    | DURATION OF LAYOFF   | (283 - 285) |
|                  |      | EDITED UNIVERSE: PELAYLK - 1, 2  |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Min Value  |             |
|                  | 260  | Max Value  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PELAYFTO         | 2    | FT/PT STATUS OF JOB FROM WHICH<br>SAMPLE PERSON WAS ON LAYOFF FROM    | (286 - 287) |
|                  |      | EDITED UNIVERSE: PELAYDUR = 0-120                                     |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
| PULAYCK1         | 2    | CHECK ITEM 1 (288 - 289)  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 GoTo PULAYCK3   |             |
|                  |      | 2 GoTo PULAYFT  |             |
|                  |      | 3 GoTo PULAYDR  |             |
| PULAYCK2         | 2    | CHECK ITEM 2 (290 - 291)  |             |
|                  |      | Screen For Dependent Layoff   |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 GoTo PULAYDR3   |             |
|                  |      | 2 GoTo PULAYFT  |             |
| PULAYCK3         | 2    | CHECK ITEM 3 (292 - 293)  |             |
|                  |      | FILTER FOR DEPENDENT I & O  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 MISCK = 5 GoTo IO1INT   |             |
|                  |      | 2 HCR = 1 Or I-OCR = 1, GoTo IO1INT                                   |             |
|                  |      | 3 All Others GoTo SCHCK   |             |
| PULK             | 2    | HAVE YOU BEEN DOING ANYTHING TO FIND<br>WORK DURING THE LAST 4 WEEKS? | (294 - 295) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Retired   |             |
|                  |      | 4 Disabled  |             |
|                  |      | 5 Unable To Work  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PELKM1           | 2    | WHAT ARE ALL OF THE THINGS YOU HAVE<br>DONE TO FIND WORK DURING THE LAST 4 WEEKS? | (296 - 297) |
|                  |      | EDITED UNIVERSE: PEMLR = 4  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Contacted Employer Directly/Interview   |             |
|                  |      | 2 Contacted Public Employment Agency  |             |
|                  |      | 3 Contacted Private Employment Agency   |             |
|                  |      | 4 Contacted Friends Or Relatives  |             |
|                  |      | 5 Contacted School/University Empl Center   |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application   |             |
|                  |      | 7 Checked Union/Professional Registers  |             |
|                  |      | 8 Placed Or Answered Ads  |             |
|                  |      | 9 Other Active  |             |
|                  |      | 10 Looked At Ads  |             |
|                  |      | 11 Attended Job Training Programs/Courses   |             |
|                  |      | 12 Nothing  |             |
|                  |      | 13 Other Passive  |             |
| PULKM2           | 2    | ANYTHING ELSE?  | (298 - 299) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Contacted Employer Directly/Interview   |             |
|                  |      | 2 Contacted Public Employment Agency  |             |
|                  |      | 3 Contacted Private Employment Agency   |             |
|                  |      | 4 Contacted Friends Or Relatives  |             |
|                  |      | 5 Contacted School/University Empl Center   |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application   |             |
|                  |      | 7 Checked Union/Professional Registers  |             |
|                  |      | 8 Placed Or Answered Ads  |             |
|                  |      | 9 Other Active  |             |
|                  |      | 10 Looked At Ads  |             |
|                  |      | 11 Attended Job Training Programs/Courses   |             |
|                  |      | 13 Other Passive  |             |
| PULKM2           | 2    | SAME AS PULKM2  | (300 - 301) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Contacted Employer Directly/Interview   |             |
|                  |      | 2 Contacted Public Employment Agency  |             |
|                  |      | 3 Contacted Private Employment Agency   |             |
|                  |      | 4 Contacted Friends Or Relatives  |             |
|                  |      | 5 Contacted School/University Empl Center   |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application   |             |
|                  |      | 7 Checked Union/Professional Registers  |             |
|                  |      | 8 Placed Or Answered Ads  |             |
|                  |      | 9 Other Active  |             |
|                  |      | 10 Looked At Ads  |             |
|                  |      | 11 Attended Job Training Programs/Courses   |             |
|                  |      | 13 Other Passive  |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PULKM4

2

SAME AS PULKM2

(302 - 303)

VALID ENTRIES

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

PULKM5

2

SAME AS PULKM2

(304 - 305)

VALID ENTRIES

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

PULKM6

2

SAME AS PULKM2

(306 - 307)

VALID ENTRIES

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

NAME  
LOCATION

SIZE

DESCRIPTION

PULKDK1

2

YOU SAID YOU HAVE BEEN TRYING TO  
FIND WORK. HOW DID YOU GO ABOUT LOOKING?

(308 - 309)

VALID ENTRIES

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

PULKDK2

2

ANYTHING ELSE?

(310 - 311)

VALID ENTRIES

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

PULKDK3

2

SAME AS PULKDK2

(312 - 313)

VALID ENTRIES

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

| NAME<br>LOCATION | SIZE | DESCRIPTION                               |             |
|------------------|------|---|-------------|
| PULKDK4          | 2    | SAME AS PULKDK2                           | (314 - 315) |
|                  |      | VALID ENTRIES                             |             |
|                  |      | 1 Contacted Employer Directly/Interview   |             |
|                  |      | 2 Contacted Public Employment Agency      |             |
|                  |      | 3 Contacted Private Employment Agency     |             |
|                  |      | 4 Contacted Friends Or Relatives          |             |
|                  |      | 5 Contacted School/University Empl Center |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application |             |
|                  |      | 7 Checked Union/Professional Registers    |             |
|                  |      | 8 Placed Or Answered Ads                  |             |
|                  |      | 9 Other Active                            |             |
|                  |      | 10 Looked At Ads                          |             |
|                  |      | 11 Attended Job Training Programs/Courses |             |
|                  |      | 13 Other Passive                          |             |
| PULKDK5          | 2    | SAME AS PULKDK2                           | (316 - 317) |
|                  |      | VALID ENTRIES                             |             |
|                  |      | 1 Contacted Employer Directly/Interview   |             |
|                  |      | 2 Contacted Public Employment Agency      |             |
|                  |      | 3 Contacted Private Employment Agency     |             |
|                  |      | 4 Contacted Friends Or Relatives          |             |
|                  |      | 5 Contacted School/University Empl Center |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application |             |
|                  |      | 7 Checked Union/Professional Registers    |             |
|                  |      | 8 Placed Or Answered Ads                  |             |
|                  |      | 9 Other Active                            |             |
|                  |      | 10 Looked At Ads                          |             |
|                  |      | 11 Attended Job Training Programs/Courses |             |
|                  |      | 13 Other Passive                          |             |
| PULKDK6          | 2    | SAME AS PULKDK2                           | (318 - 319) |
|                  |      | VALID ENTRIES                             |             |
|                  |      | 1 Contacted Employer Directly/Interview   |             |
|                  |      | 2 Contacted Public Employment Agency      |             |
|                  |      | 3 Contacted Private Employment Agency     |             |
|                  |      | 4 Contacted Friends Or Relatives          |             |
|                  |      | 5 Contacted School/University Empl Center |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application |             |
|                  |      | 7 Checked Union/Professional Registers    |             |
|                  |      | 8 Placed Or Answered Ads                  |             |
|                  |      | 9 Other Active                            |             |
|                  |      | 10 Looked At Ads                          |             |
|                  |      | 11 Attended Job Training Programs/Courses |             |
|                  |      | 13 Other Passive                          |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PULKPS1          | 2    | CAN YOU TELL ME MORE ABOUT WHAT YOU<br>DID TO SEARCH FOR WORK? | (320 - 321) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Contacted Employer Directly/Interview                        |             |
|                  |      | 2 Contacted Public Employment Agency                           |             |
|                  |      | 3 Contacted Private Employment Agency                          |             |
|                  |      | 4 Contacted Friends Or Relatives                               |             |
|                  |      | 5 Contacted School/University Empl Center                      |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application                      |             |
|                  |      | 7 Checked Union/Professional Registers                         |             |
|                  |      | 8 Placed Or Answered Ads                                       |             |
|                  |      | 9 Other Active   |             |
|                  |      | 10 Looked At Ads   |             |
|                  |      | 11 Attended Job Training Programs/Courses                      |             |
|                  |      | 12 Nothing   |             |
|                  |      | 13 Other Passive   |             |
| PULKPS2          | 2    | ANYTHING ELSE?   | (322 - 323) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Contacted Employer Directly/Interview                        |             |
|                  |      | 2 Contacted Public Employment Agency                           |             |
|                  |      | 3 Contacted Private Employment Agency                          |             |
|                  |      | 4 Contacted Friends Or Relatives                               |             |
|                  |      | 5 Contacted School/University Empl Center                      |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application                      |             |
|                  |      | 7 Checked Union/Professional Registers                         |             |
|                  |      | 8 Placed Or Answered Ads                                       |             |
|                  |      | 9 Other Active   |             |
|                  |      | 10 Looked At Ads   |             |
|                  |      | 11 Attended Job Training Programs/Courses                      |             |
|                  |      | 13 Other Passive   |             |
| PULKPS3          | 2    | SAME AS PULKPS2  | (324 - 325) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Contacted Employer Directly/Interview                        |             |
|                  |      | 2 Contacted Public Employment Agency                           |             |
|                  |      | 3 Contacted Private Employment Agency                          |             |
|                  |      | 4 Contacted Friends Or Relatives                               |             |
|                  |      | 5 Contacted School/University Empl Center                      |             |
|                  |      | 6 Sent Out Resumes/Filled Out Application                      |             |
|                  |      | 7 Checked Union/Professional Registers                         |             |
|                  |      | 8 Placed Or Answered Ads                                       |             |
|                  |      | 9 Other Active   |             |
|                  |      | 10 Looked At Ads   |             |
|                  |      | 11 Attended Job Training Programs/Courses                      |             |
|                  |      | 13 Other Passive   |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PULKPS4

2

SAME AS PULKPS2

(326 - 327)

VALID ENTRIES

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

PULKPS5

2

SAME AS PULKPS2

(328 - 329)

VALID ENTRIES

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

PULKPS6

2

SAME AS PULKPS2

(330 - 331)

VALID ENTRIES

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

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PELKAVL          | 2    | LAST WEEK, COULD YOU HAVE STARTED<br>A JOB IF ONE HAD BEEN OFFERED?  | (332 - 333) |
|                  |      | EDITED UNIVERSE: PELKM1 = 1 - 13   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PULKAVR          | 2    | WHY IS THAT? (334 - 335)   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Waiting For New Job To Begin   |             |
|                  |      | 2 Own Temporary Illness  |             |
|                  |      | 3 Going To School  |             |
|                  |      | 4 Other - Specify  |             |
| PELKLL10         | 2    | BEFORE YOU STARTED LOOKING FOR WORK,<br>WHAT WERE YOU DOING: WORKING, GOING<br>TO SCHOOL, Or SOMETHING ELSE? | (336 - 337) |
|                  |      | EDITED UNIVERSE: PELKAVL = 1-2   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Working  |             |
|                  |      | 2 School   |             |
|                  |      | 3 Left Military Service  |             |
|                  |      | 4 Something Else   |             |
| PELKLL20         | 2    | DID YOU LOSE Or QUIT THAT JOB, Or WAS IT<br>A TEMPORARY JOB THAT ENDED?                                      | (338 - 339) |
|                  |      | EDITED UNIVERSE: PELKLL10 = 1 Or 3   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Lost Job   |             |
|                  |      | 2 Quit Job   |             |
|                  |      | 3 Temporary Job Ended  |             |
| PEKLWO           | 2    | WHEN LAST WORKED   | (340 - 341) |
|                  |      | EDITED UNIVERSE: PELKLL10 = 1 - 4  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Within The Last 12 Months  |             |
|                  |      | 2 More Than 12 Months Ago  |             |
|                  |      | 3 Never Worked   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PCLKDUR          | 3    | DURATION OF JOB SEEKING   | (342 - 344) |
|                  |      | EDITED UNIVERSE: PELKLWO = 1 - 3  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 999 Max Value   |             |
| PELKFTO          | 2    | FT/PT STATUS OF JOBSEEKER   | (345 - 346) |
|                  |      | EDITED UNIVERSE: PELKDUR = 0-120  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Doesn't Matter  |             |
| PEDWWNT0         | 2    | DO YOU CURRENTLY WANT A JOB,<br>EITHER FULL Or PART TIME?                         | (347 - 348) |
|                  |      | EDITED UNIVERSE: PUDWCK1 = 3, 4, -1   |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes, Or Maybe, It Depends   |             |
|                  |      | 2 No  |             |
|                  |      | 3 Retired   |             |
|                  |      | 4 Disabled  |             |
|                  |      | 5 Unable  |             |
| PEDWRSN          | 2    | WHAT IS THE MAIN REASON YOU WERE NOT<br>LOOKING FOR WORK DURING THE LAST 4 WEEKS? | (349 - 350) |
|                  |      | EDITED UNIVERSE: PUDWCK4 = 4, -1  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Believes No Work Available In Area Of Expertise                                 |             |
|                  |      | 2 Couldn't Find Any Work  |             |
|                  |      | 3 Lacks Necessary Schooling/Training  |             |
|                  |      | 4 Employers Think Too Young Or Too Old  |             |
|                  |      | 5 Other Types Of Discrimination   |             |
|                  |      | 6 Can't Arrange Child Care  |             |
|                  |      | 7 Family Responsibilities   |             |
|                  |      | 8 In School Or Other Training   |             |
|                  |      | 9 Ill-health, Physical Disability   |             |
|                  |      | 10 Transportation Problems  |             |
|                  |      | 11 Other - Specify  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEDWLKO          | 2    | DID YOU LOOK FOR WORK AT ANY TIME<br>IN THE LAST 12 MONTHS               | (351 - 352) |
|                  |      | EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11)                     |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEDWWK           | 2    | DID YOU ACTUALLY WORK AT A JOB Or<br>BUSINESS DURING THE LAST 12 MONTHS? | (353 - 354) |
|                  |      | EDITED UNIVERSE: PEDWLKO = 1   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEDW4WK          | 2    | DID YOU DO ANY OF THIS WORK DURING<br>THE LAST 4 WEEKS?                  | (355 - 356) |
|                  |      | EDITED UNIVERSE: PEDWWK = 1  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEDWLKWK         | 2    | SINCE YOU LEFT THAT JOB Or<br>BUSINESS HAVE YOU LOOKED FOR WORK?         | (357 - 358) |
|                  |      | EDITED UNIVERSE: PEDW4WK = 2   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEDWAVL          | 2    | LAST WEEK, COULD YOU HAVE STARTED<br>A JOB IF ONE HAD BEEN OFFERED?      | (359 - 360) |
|                  |      | EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1)                          |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PEDWAVR          | 2    | WHY IS THAT? (361 - 362)  |             |
|                  |      | EDITED UNIVERSE: PEDWAVL = 2  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Own Temporary Illness   |             |
|                  |      | 2 Going To School   |             |
|                  |      | 3 Other   |             |
| PUDWCK1          | 2    | SCREEN FOR DISCOURAGED WORKERS  | (363 - 364) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 2 In BUS2 GoTo PUSCHCK                                     |             |
|                  |      | 2) If Entry Of 3 ON ABSRSN GoTo PUNLFCK1                                  |             |
|                  |      | 3) If Entry Of 1 In RET1, Store 1 In DWWNT0<br>And GoTo PUDWCK4           |             |
|                  |      | 4) All Others GoTo PUDWWNT  |             |
| PUDWCK2          | 2    | SCREEN FOR DISABLED   | (365 - 366) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry In DIS1 Or DIS2 GoTo PUJHCK1-C                                |             |
|                  |      | 2) If Entry Of 4 In DWWNT GoTo PUDIS1                                     |             |
|                  |      | 3) If Entry Of 5 In DWWNT GoTo PUDIS2                                     |             |
|                  |      | 4) All Others GoTo PUDWCK4  |             |
| PUDWCK3          | 2    | FILTER FOR RETIRED  | (367 - 368) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Ageing Equals 1-4 Or 9 GoTo PUDWCK4                                 |             |
|                  |      | 2) All Others GoTo PUNLFCK2   |             |
| PUDWCK4          | 2    | FILTER FOR PASSIVE JOB SEEKERS  | (369 - 370) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 10 AND/OR 11 AND/OR 13<br>Only In LKM1-LKM3 GoTo PUDWCK5   |             |
|                  |      | 2) If Entry Of 10 AND/OR 11 And/Or 13<br>Only In LKDK1-LKDK3 GoTo PUDWCK5 |             |
|                  |      | 3) If Entry Of 10 And/Or 11 And/Or 13<br>ONLY In LKPS1-LKPS3 GoTo PUDWCK5 |             |
|                  |      | 4) All Others GoTo PUDWRSN  |             |
| PUDWCK5          | 2    | FILTER FOR PASSIVE JOB SEEKERS  | (371 - 372) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 1 In LK Then Store 1<br>In DWLKO And GoTo PUDWWK           |             |
|                  |      | 2) All Others GoTo PUDWLK   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEJHWKO          | 2    | HAVE YOU WORKED AT A JOB OR BUSINESS<br>AT ANY TIME DURING THE PAST 12 MONTHS?<br><br>EDITED UNIVERSE: HRMIS = 4 or 8 AND<br>PEMLR = 5, 6, AND 7<br><br>VALID ENTRIES<br><br>1      Yes<br>2      No   | (372 - 374) |
| PUJHDP10         | 2    | DID YOU DO ANY OF THIS WORK IN<br>THE LAST 4 WEEKS?<br><br>VALID ENTRIES<br><br>1      Yes<br>2      No  | (375 - 376) |
| PEJHRSN          | 2    | WHAT IS THE MAIN REASON YOU LEFT<br>YOUR LAST JOB?<br><br>EDITED UNIVERSE: PEJHWKO = 1<br><br>VALID ENTRIES<br><br>1      Personal/Family (Including Pregnancy)<br>2      Return To School<br>3      Health<br>4      Retirement Or Old Age<br>5      Temp, Seasonal Or Intermittent Job Complete<br>6      Slack Work/Business Conditions<br>7      Unsatisfactory Work Arrangements (Hrs, Pay, Etc.)<br>8      Other - Specify | (377 - 378) |
| PEJHWANT         | 2    | DO YOU INTEND TO LOOK FOR WORK DURING<br>THE NEXT 12 MONTHS?<br><br>EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8)<br><br>VALID ENTRIES<br><br>1      Yes, Or It Depends<br>2      No   | (379 - 380) |
| PUJHCK1          | 2    | FILTER FOR OUTGOING ROTATIONS<br><br>VALID ENTRIES<br><br>1)      If MISCK Equals 4 Or 8<br>Then GoTo PUJHCK2<br>2)      All Others GoTo PUNLFCK1  | (381 - 382) |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PUJHCK2          | 2    | FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES   | (383 - 384) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 1 In DWWK And I-MLR = 3, 4<br>Then Store 1 In JHWKO, Store<br>DW4WK In JHDP10 And GoTo PUJHRSN |             |
|                  |      | 2) If Entry Of 2, D Or R In DWWK Then Store<br>DWWK In JHWKO And GoTo PUJHWANT                                |             |
|                  |      | 3) All Others GoTo PUJHWK   |             |
| PRABSREA         | 2    | REASON NOT AT WORK AND PAY STATUS   | (385 - 386) |
|                  |      | EDITED UNIVERSE: PEMPLR = 2   |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 FT Paid-Vacation  |             |
|                  |      | 2 FT Paid-Own Illness   |             |
|                  |      | 3 FT Paid-Child Care Problems   |             |
|                  |      | 4 FT Paid-Other Family/Personal Oblig.  |             |
|                  |      | 5 FT Paid-Maternity/Paternity Leave   |             |
|                  |      | 6 FT Paid-Labor Dispute   |             |
|                  |      | 7 FT Paid-Weather Affected Job  |             |
|                  |      | 8 FT Paid-School/Training   |             |
|                  |      | 9 FT Paid-Civic/Military Duty   |             |
|                  |      | 10 FT Paid-Other  |             |
|                  |      | 11 FT Unpaid-Vacation   |             |
|                  |      | 12 FT Unpaid-Own Illness  |             |
|                  |      | 13 FT Unpaid-Child Care Problems  |             |
|                  |      | 14 FT Unpaid-Other Fam/Personal Obligation  |             |
|                  |      | 15 FT Unpaid-Maternity/Paternity Leave  |             |
|                  |      | 16 FT Unpaid-Labor Dispute  |             |
|                  |      | 17 FT Unpaid-Weather Affected Job   |             |
|                  |      | 18 FT Unpaid-School/Training  |             |
|                  |      | 19 FT Unpaid-Civic/Military Duty  |             |
|                  |      | 20 FT Unpaid-Other  |             |
|                  |      | 22 PT Paid-Own Illness  |             |
|                  |      | 23 PT Paid-Child Care Problems  |             |
|                  |      | 24 PT Paid-Other Family/Personal Oblig.   |             |
|                  |      | 25 PT Paid-Maternity/Paternity Leave  |             |
|                  |      | 26 PT Paid-Labor Dispute  |             |
|                  |      | 27 PT Paid-Weather Affected Job   |             |
|                  |      | 28 PT Paid-School/training  |             |
|                  |      | 29 PT Paid-CMc/Military Duty  |             |
|                  |      | 30 PT Paid-Other  |             |
|                  |      | 31 PT Unpaid-Vacation   |             |
|                  |      | 32 PT Unpaid-Own Illness  |             |
|                  |      | 33 PT Unpaid-Child Care Problems  |             |
|                  |      | 34 PT Unpaid-Other Fam/personal Obligation  |             |
|                  |      | 35 PT Unpaid-Maternity/Paternity Leave  |             |
|                  |      | 36 PT Unpaid-Labor Dispute  |             |
|                  |      | 37 PT Unpaid-Weather Affected Job   |             |
|                  |      | 38 PT Unpaid-School/Training  |             |
|                  |      | 39 PT Unpaid-Civic/Military Duty  |             |
|                  |      | 40 PT Unpaid-Other  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION                                |             |
|------------------|------|--|-------------|
| PRCIVLF          | 2    | CIVILIAN LABOR FORCE                       | (387 - 388) |
|                  |      | EDITED UNIVERSE: PEMLR = 1-7               |             |
|                  |      | VALID ENTRIES                              |             |
|                  |      | 01 In Civilian Labor Force                 |             |
|                  |      | 02 Not In Civilian Labor Force             |             |
| PRDISC           | 2    | DISCOURAGED WORKER RECODE                  | (389 - 390) |
|                  |      | EDITED UNIVERSE: PRJOBSEA = 1-4            |             |
|                  |      | VALID ENTRIES                              |             |
|                  |      | 1 Discouraged Worker                       |             |
|                  |      | 2 Conditionally Interested                 |             |
|                  |      | 3 Not Available                            |             |
| PREMPHRS         | 2    | REASON NOT AT WORK Or HOURS AT WORK        | (391 - 392) |
|                  |      | EDITED UNIVERSE: PEMLR = 1-7               |             |
|                  |      | VALID ENTRIES                              |             |
|                  |      | 0 Unemployed And NILF                      |             |
|                  |      | 1 W/Job, Not At Work-Illness               |             |
|                  |      | 2 W/Job, Not At Work-Vacation              |             |
|                  |      | 3 W/Job, Not At Work-Weather Affected Job  |             |
|                  |      | 4 W/Job, Not At Work-Labor Dispute         |             |
|                  |      | 5 W/Job, Not At Work-Child Care Problems   |             |
|                  |      | 6 W/Job, Not At Work-Fam/Pers Obligation   |             |
|                  |      | 7 W/Job, Not At Work-Maternity/Paternity   |             |
|                  |      | 8 W/Job, Not At Work-School/Training       |             |
|                  |      | 9 W/Job, Not At Work-Civic/Military Duty   |             |
|                  |      | 10 W/Job, Not At Work-Does Not Work In Bus |             |
|                  |      | 11 W/Job, Not At Work-Other                |             |
|                  |      | 12 At Work- 1-4 Hrs                        |             |
|                  |      | 13 At Work- 5-14 Hrs                       |             |
|                  |      | 14 At Work- 15-21 Hrs                      |             |
|                  |      | 15 At Work- 22-29 Hrs                      |             |
|                  |      | 16 At Work- 30-34 Hrs                      |             |
|                  |      | 17 At Work- 35-39 Hrs                      |             |
|                  |      | 18 At Work- 40 Hrs                         |             |
|                  |      | 19 At Work- 41-47 Hrs                      |             |
|                  |      | 20 At Work- 48 Hrs                         |             |
|                  |      | 21 At Work- 49-59 Hrs                      |             |
|                  |      | 22 At Work- 60 Hrs Or More                 |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PREMPNOT         | 2    | MLR - EMPLOYED, UNEMPLOYED, OR NILF<br>EDITED UNIVERSE: PEMLR = 1-7<br>VALID ENTRIES<br>1      Employed<br>2      Unemployed<br>3      Not In Lat or Force (NILF)-Discouraged<br>4      Not In Labor Force (NILF)-Other                                       | (393 - 394) |
| PREXPLF          | 2    | EXPERIENCED LABOR FORCE EMPLOYMENT<br>EDITED UNIVERSE: PEMLR = 1-4 AND<br>PELKLWO ne 3<br>VALID ENTRIES<br>1      Employed<br>2      Unemployed   | (395 - 396) |
| PRFTLF           | 2    | FULL TIME LABOR FORCE<br>EDITED UNIVERSE: PEMLR = 1-4<br>VALID ENTRIES<br>1      Full Time Labor Force<br>2      Part Time Labor Force  | (397 - 398) |
| PRHRUSL          | 2    | USUAL HOURS WORKED WEEKLY<br>EDITED UNIVERSE: PEMLR = 1-2<br>VALID ENTRIES<br>1      0-20 Hrs<br>2      21-34 Hrs<br>3      35-39 Hrs<br>4      40 Hrs<br>5      41-49 Hrs<br>6      50 Or More Hrs<br>7      Varies-Full Time<br>8      Varies-Part Time     | (399 - 400) |
| PRJOBSEA         | 2    | JOB SEARCH RECODE<br>EDITED UNIVERSE: PRWNTJOB = 1<br>VALID ENTRIES<br>1      Looked Last 4 Weeks - Not Worked<br>2      Looked Last 4 Weeks - Worked<br>3      Looked Last 4 Weeks - Layoff<br>4      Unavailable Job Seekers<br>5      No Recent Job Search | (401 - 402) |

NAME  
LOCATION

SIZE

DESCRIPTION

PRPTHRS

2

AT WORK 1-34 BY HOURS AT WORK

(403 - 404)

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

VALID ENTRIES

- 0 Usu. FT, PT For Noneconomic Reasons
- 1 Usu. FT, PT Econ Reasons; 1-4 Hrs
- 2 Usu. FT, PT Econ Reasons; 5-14 Hrs
- 3 Usu. FT, PT Econ Reasons; 15-29 Hrs
- 4 Usu. FT, PT Econ Reasons; 30-34 Hrs
- 5 Usu. PT, Econ Reasons; 1-4 Hrs
- 6 Usu. PT, Econ Reasons; 5-14 Hrs
- 7 Usu. PT, Econ Reasons; 15-29 Hrs
- 8 Usu. PT, Econ Reasons; 30-34 Hrs
- 9 Usu. PT, Non-econ Reasons; 1-4 Hrs
- 10 Usu. PT, Non-econ Reasons; 5-14 Hrs
- 11 Usu. PT, Non-econ Reasons; 15-29 Hrs
- 12 Usu. PT, Non-econ Reasons; 30-34 Hrs

PRPTREA

2

DETAILED REASON FOR PART-TIME

(405 - 406)

EDITED UNIVERSE: PEMLR = 1 And  
(PEHRUSLT = 0-34 Or PEHRACTT = 1-34)

VALID ENTRIES

- 1 Usu. FT-Slack Work/Business Conditions
- 2 Usu. FT-Seasonal Work
- 3 Usu. FT-Job Started/Ended During Week
- 4 Usu. FT-Vacation/Personal Day
- 5 Usu. FT-Own illness/Injury/Medical Appointment
- 6 Usu. FT-Holiday (Religious Or Legal)
- 7 Usu. FT-Child Care Problems
- 8 Usu. FT-Other Fam/Pers Obligations
- 9 Usu. FT-Labor Dispute
- 10 Usu. FT-Weather Affected Job
- 11 Usu. FT-School/Training
- 12 Usu. FT-Civic/Military Duty
- 13 Usu. FT-Other Reason
- 14 Usu. PT-Slack Work/business Conditions
- 15 Usu. PT-Could Only Find PT Work
- 16 Usu. PT-Seasonal Work
- 17 Usu. PT-Child Care Problems
- 18 Usu. PT-Other Fam/Pers Obligations
- 19 Usu. PT-Health/Medical Limitations
- 20 Usu. PT-School/Training
- 21 Usu. PT-Retired/S.S. Limit On Earnings
- 22 Usu. PT-Workweek <35 Hours
- 23 Usu. PT-Other Reason

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PRUNEDUR         | 3    | DURATION OF UNEMPLOYMENT FOR<br>LAYOFF And LOOKING RECORDS | (407 - 409) |
|                  |      | EDITED UNIVERSE: PEMPLR = 3-4                              |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 999 Max Value  |             |
| PRUSFTPT         | 2    | USUAL FULLTIME/PARTTIME STATUS                             | (410 - 411) |
|                  |      | EDITED UNIVERSE: PEMPLR = 1-2                              |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Full Time  |             |
|                  |      | 2 Part Time  |             |
|                  |      | 3 Status Unknown   |             |
| PRUNTYPE         | 2    | REASON FOR UNEMPLOYMENT                                    | (412 - 413) |
|                  |      | EDITED UNIVERSE: PEMPLR = 3-4                              |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Job Loser/On Layoff                                      |             |
|                  |      | 2 Other Job Loser  |             |
|                  |      | 3 Temporary Job Ended                                      |             |
|                  |      | 4 Job Leaver   |             |
|                  |      | 5 Re-Entrant   |             |
|                  |      | 6 New-Entrant  |             |
| PRWKSCH          | 2    | LABOR FORCE BY TIME<br>WORKED Or LOST                      | (414 - 415) |
|                  |      | EDITED UNIVERSE: PEMPLR = 1 - 7                            |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Not In Labor Force                                       |             |
|                  |      | 1 At Work  |             |
|                  |      | 2 With Job, Not At Work                                    |             |
|                  |      | 3 Unemployed, Seeks Ft                                     |             |
|                  |      | 4 Unemployed, Seeks Pt                                     |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PRWKSTAT         | 2    | FULL/PART-TIME WORK STATUS  | (416 - 417) |
|                  |      | EDITED UNIVERSE: PEMLR = 1-7  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Not In Labor Force  |             |
|                  |      | 2 FT Hours (35+), Usually FT  |             |
|                  |      | 3 PT For Economic Reasons, Usually FT                                   |             |
|                  |      | 4 PT For Non-Economic Reasons, Usually FT                               |             |
|                  |      | 5 Not At Work, Usually Ft   |             |
|                  |      | 6 PT Hrs, Usually PT For Economic Reasons                               |             |
|                  |      | 7 PT Hrs, Usually PT For Non-Economic Reasons                           |             |
|                  |      | 8 FT Hours, Usually PT For Economic Reasons                             |             |
|                  |      | 9 FT Hours, Usually PT For Non-Economic                                 |             |
|                  |      | 10 Not At Work, Usually Part-time                                       |             |
|                  |      | 11 Unemployed FT  |             |
|                  |      | 12 Unemployed PT  |             |
| PRWNTJOB         | 2    | NILF RECODE - WANT A JOB Or OTHER NILF                                  | (418 - 419) |
|                  |      | EDITED UNIVERSE: PEMLR = 5-7  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Want A Job  |             |
|                  |      | 2 Other Not In Labor Force  |             |
| PUJHCK3          | 2    | JOB HISTORY CHECK ITEM  | (420 - 421) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If I-MLR EQ 3 Or 4 Then GoTo PUJHDP1                                 |             |
|                  |      | 2) All Others GoTo PUJHRSN  |             |
| PUJHCK4          | 2    | SCREEN FOR DEPENDENT NILF   | (422 - 423) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) If Entry Of 2, D Or R In PUDW4WK Or In PUJHDP10<br>Then GoTo PUJHCK5 |             |
|                  |      | 2) If Entry Of 1 In PUDW4WK Or In PUJHDP10<br>Then GoTo PUIO1INT        |             |
|                  |      | 3) IF I-MLR EQUALS 1 Or 2 And Entry In<br>PUJHRSN Then GoTo PUJHCK5     |             |
|                  |      | 4) If Entry In PUJHRSN Then GoTo PUIO1INT                               |             |
|                  |      | 5) All Others GoTo PUNLFCK1   |             |
| PUJHCK5          | 2    | SCREEN FOR DEPENDENT NILF   | (424 - 425) |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1) IF I-IO1ICR Equals 1 Or I-IO1OCR<br>EQUALS 1 Then GoTo PUIO1INT      |             |
|                  |      | 2) All Others GoTo PUIOCK5  |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PUIODP1

2

LAST MONTH, IT WAS REPORTED THAT YOU  
WORKED FOR (EMPLOYER'S NAME). DO  
STILL WORK FOR (EMPLOYER'S NAME)  
(AT YOUR MAIN JOB)?

(426 - 427)

VALID ENTRIES

1 Yes  
2 No

PUIODP2

2

HAVE THE USUAL ACTIVITIES AND DUTIES  
OF YOUR JOB CHANGED SINCE LAST MONTH?

(428 - 429)

VALID ENTRIES

1 Yes  
2 No

PUIODP3

2

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

(430 - 431)

VALID ENTRIES

1 Yes  
2 No

PEIO1COW

2

INDIVIDUAL CLASS OF WORKER CODE  
ON FIRST JOB

(432 - 433)

Note: A Peio1cow Code Can Be Assigned  
Even If An Individual Is Not Currently  
Employed.

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

VALID ENTRIES

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

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEIO1MFG         | 2    | IS THIS BUSINESS OR ORGANIZATION MAINLY<br>MANUFACTURING, RETAIL TRADE,<br>WHOLESALE TRADE, OR SOMETHING ELSE?   | (434 - 435) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Manufacturing  |             |
|                  |      | 2 Retail Trade   |             |
|                  |      | 3 Wholesale Trade  |             |
|                  |      | 4 Something Else   |             |
| PEIO1ICD         | 3    | INDUSTRY CODE FOR PRIMARY JOB  | (436 - 438) |
|                  |      | EDITED UNIVERSE: (PEMLR = 1-3)<br>OR (PEMLR = 4 AND PELKLWO = 1-2)<br>OR (PEMLR = 5 AND (PENLFJH = 1 OR<br>PEJHWKO = 1)) OR (PEMLR = 6<br>AND PENLFJH = 1)<br>OR (PEMLR = 7 And PEJHWKO = 1) |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 999 Max Value  |             |
| PEIO1OCD         | 3    | OCCUPATION CODE FOR PRIMARY JOB.   | (439 - 441) |
|                  |      | EDITED UNIVERSE: (PEMLR = 1-3)<br>OR (PEMLR = 4 And PELKLWO = 1-2)<br>OR (PEMLR = 5 And (PENLFJH = 1 OR<br>PEJHWKO = 1)) OR (PEMLR = 6<br>And PENLFJH = 1) OR (PEMLR = 7<br>And PEJHWKO = 1) |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 999 Max Value  |             |
| PEIO2COW         | 2    | INDIVIDUAL CLASS OF WORKER ON SECOND JOB.  | (442 - 443) |
|                  |      | Note: For Those Self-employed Unincorporated<br>On Their First Job, This Should Have A Response<br>Every Month. For All Others, This Should Only<br>Have A Value In Out-going Rotations.     |             |
|                  |      | EDITED UNIVERSE: PEMJOT = 1<br>AND (HRMIS = 4,8 Or PEIO1COW = 7,8)   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Government - Federal   |             |
|                  |      | 2 Government - State   |             |
|                  |      | 3 Government - Local   |             |
|                  |      | 4 Private, For Profit  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEIO2COW         | 2    | INDIVIDUAL CLASS OF WORKER ON SECOND JOB.—Con.   |             |
|                  | 5    | Private, Nonprofit   |             |
|                  | 6    | Self-employed, Incorporated  |             |
|                  | 7    | Self-employed, Unincorporated  |             |
|                  | 8    | Without Pay  |             |
|                  | 9    | Unknown  |             |
|                  | 10   | Government, Level Unknown  |             |
|                  | 11   | Self-Employed, Incorp. Status Unknown  |             |
| PUIO2MFG         | 2    | IS THIS BUSINESS Or ORGANIZATION MAINLY<br>MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE,<br>OR SOMETHING ELSE?                         | (444 - 445) |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Manufacturing  |             |
|                  | 2    | Retail Trade   |             |
|                  | 3    | Wholesale Trade  |             |
|                  | 4    | Something Else   |             |
| PEIO2ICD         | 3    | INDUSTRY CODE FOR SECOND JOB.  | (446 - 448) |
|                  |      | EDITED UNIVERSE: PEMJOT = 1 And HRMIS = 4 Or 8   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 0    | Min Value  |             |
|                  | 999  | Max Value  |             |
| PEIO2OCD         | 3    | OCCUPATION CODE FOR SECOND JOB.  | (449 - 451) |
|                  |      | EDITED UNIVERSE: PEMJOT = 1 And HRMIS = 4 Or 8   |             |
|                  |      | VALID ENTRIES  |             |
|                  | 0    | Min Value  |             |
|                  | 999  | Max Value  |             |
| PUIOCK1          | 2    | I & O CHECK ITEM 1<br>SCREEN FOR DEPENDENT I And O   | (452 - 453) |
|                  |      | VALID ENTRIES  |             |
|                  | 1)   | If {MISCK EQ 1 Or 5}<br>Or MISCK EQ 2-4, 6-8 And I-MLR EQ 3-7}<br>And Entry Of 1 In ABS} Then GoTo PUIO1INT                            |             |
|                  | 2)   | If (MISCK EQ 1 Or 5)<br>Or {(MISCK EQ 2-4, 6-8 And I-MLR EQ 3-7)<br>And ( ENTRY Of 1 In WK Or HRCK7-C Is Blank, 1-3)}<br>GoTo PUIO1INT |             |
|                  | 3)   | If I-HO1NAM IS D, R Or BLANK Then GoTo PUIO1INT  |             |
|                  | 4)   | All Others GoTo PUIODP1  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PUIOCK2          | 2    | I & O CHECK ITEM 2   | (454 - 455) |
|                  |      | Screen For Previous Months I And O Cases   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1) If I-O1ICR EQ 1 Then GoTo PUIO1IND  |             |
|                  |      | 2) If I-O1OCR EQ 1 Then GoTo PUIO1OCC  |             |
|                  |      | 3) All Others GoTo PUIODP2   |             |
| PUIOCK3          | 2    | I & O CHECK ITEM 3   | (456 - 457) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1) If I-O1OCC Equals D, R Or Blank<br>Then GoTo PUIO1OCC   |             |
|                  |      | 2) IF I-O1DT1 Is D, R Or Blank<br>Then GoTo PUIO1OCC   |             |
|                  |      | 3) All Others GoTo PUIODP3   |             |
| PRIOELG          | 2    | INDUSTRY And OCCUPATION ELIGIBILITY FLAG   | (458 - 459) |
|                  |      | EDITED UNIVERSE: PEMLR = 1-3,<br>OR (PEMLR = 4 AND PELKLWO = 1 OR 2)<br>OR (PEMLR = 5 AND<br>(PEJHWKO = 1 OR PENLFJH = 1),<br>OR (PEMLR = 6 AND PENLFJH = 1),<br>OR PEMLR = 7 AND PEJHWKO = 1) |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Not Eligible For Edit  |             |
|                  |      | 1 Eligible For Edit  |             |
| PRAGNA           | 2    | AGRICULTURE/NON-AGRICULTURE INDUSTRY   | (460 - 461) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Agricultural   |             |
|                  |      | 2 Non-Agricultural   |             |
| PRCOW1           | 2    | CLASS OF WORKER RECODE - JOB 1   | (462 - 463) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Federal Govt   |             |
|                  |      | 2 State Govt   |             |
|                  |      | 3 Local Govt   |             |
|                  |      | 4 Private (Incl. Self-Employed Incorp.)  |             |
|                  |      | 5 Self-Employed, Unincorp.   |             |
|                  |      | 6 Without Pay  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PRCOW2           | 2    | CLASS OF WORKER RECODE - JOB 2                                    | (464 - 465) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1<br>AND PEMJOT = 1 AND HRMIS = 4 OR 8 |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Federal Govt  |             |
|                  |      | 2 State Govt  |             |
|                  |      | 3 Local Govt  |             |
|                  |      | 4 Private (Incl. Self-Employed Incorp.)                           |             |
|                  |      | 5 Self-Employed, Unincorp.  |             |
|                  |      | 6 Without Pay   |             |
| PRCOWPG          | 2    | COW - PRIVATE OR GOVERNMENT                                       | (466 - 467) |
|                  |      | EDITED UNIVERSE: PEIO1COW = 1 - 5                                 |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Private   |             |
|                  |      | 2 Government  |             |
| PRDTCOW1         | 2    | DETAILED CLASS OF WORKER RECODE - JOB 1                           | (468 - 469) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1                                      |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Agri., Wage & Salary, Private                                   |             |
|                  |      | 2 Agri., Wage & Salary, Government                                |             |
|                  |      | 3 Agri., Self-Employed  |             |
|                  |      | 4 Agri., Unpaid   |             |
|                  |      | 5 Nonag. WS, Private, Private Hhlds                               |             |
|                  |      | 6 Nonag. WS, Private, Other Private                               |             |
|                  |      | 7 Nonag. WS, Govt, Federal  |             |
|                  |      | 8 Nonag. WS, Govt, State  |             |
|                  |      | 9 Nonag. WS, Govt, Local  |             |
|                  |      | 10 Nonag. Self-Employed   |             |
|                  |      | 11 Nonag. Unpaid  |             |
| PRDTCOW2         | 2    | DETAILED CLASS OF WORKER RECODE - JOB 2                           | (470 - 471) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1<br>AND PEMJOT = 1 And HRMIS = 4 Or 8 |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Agri., Wage & Salary, Private                                   |             |
|                  |      | 2 Agri., Wage & Salary, Government                                |             |
|                  |      | 3 Agri., Self-Employed  |             |
|                  |      | 4 Agri., Unpaid   |             |
|                  |      | 5 Nonag. WS, Private, Private Hhlds                               |             |
|                  |      | 6 Nonag. WS, Private, Other Private                               |             |
|                  |      | 7 Nonag. WS, Govt, Federal  |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PRDTCOW2

2

DETAILED CLASS OF WORKER RECODE - JOB 2-Con.

- 8 Nonag, WS, Govt, State
- 9 Nonag, WS, Govt, Local
- 10 Nonag, Self-Employed
- 11 Nonag, Unpaid

PRDTIND1

2

DETAILED INDUSTRY RECODE JOB 1

(472 - 473)

EDITED UNIVERSE: PRIOELG = 1

VALID ENTRIES

- 1 Goods Producing-Agricultural Services
- 2 Goods Producing-Other Agricultural
- 3 Mining
- 4 Construction
- 5 MFG-Lumber & Wood Prods, Ex Furniture
- 6 MFG-Furniture & Fixtures
- 7 MFG-Stone, Clay, Concrete, Glass Prods
- 8 MFG-Primary Metals
- 9 MFG-Fabricated Metals
- 10 MFG-Not Specified Metal Industries
- 11 MFG-Machinery, Ex Electrical
- 12 MFG-Electrical Machinery, Equip Supplies
- 13 MFG-Motor Vehicles & Equip
- 14 MFG-Aircraft & Parts
- 15 MFG-Other Transportation Equipment
- 16 MFG-Professional & Photo Equip, Watches
- 17 MFG-Toys, Amusement & Sporting Goods
- 18 MFG-Misc & Nec Mfg Industries
- 19 MFG-Food & Kindred Prods
- 20 MFG-Tobacco Prods
- 21 MFG-Textile Mill Prods
- 22 MFG-Apparel & Other Finished Textile Pr
- 23 MFG-Paper & Allied Products
- 24 MFG-Printing, Publishing & Allied Inds
- 25 MFG-Chemicals & Allied Prods
- 26 MFG-Petroleum & Coal Prods
- 27 MFG-Rubber & Misc Plastic Prods
- 28 MFG-Leather & Leather Prods
- 29 Transportation
- 30 Communications
- 31 Utilities & Sanitary Services
- 32 Wholesale Trade
- 33 Eating And Drinking Places
- 34 Other Retail Trade
- 35 Banking And Other Finance
- 36 Insurance And Real Estate
- 37 Private Household Services
- 38 Business Services
- 39 Automobile And Repair Services
- 40 Personal Serv Exc Private Households
- 41 Entertainment & Recreation Services
- 42 Hospitals

NAME  
LOCATION

SIZE

DESCRIPTION

PRDTIND1

2

DETAILED INDUSTRY RECODE - JOB 1-Con.

- 43 Health Services, Exc. Hospitals
- 44 Educational Services
- 45 Social Services
- 46 Other Professional Services
- 47 Forestry & Fisheries
- 48 Justice, Public Order & Safety
- 49 Admin Of Human Resource Programs
- 50 National Security & Internal Affairs
- 51 Other Public Administration
- 52 Armed Forces

PRDTIND2

2

DETAILED INDUSTRY RECODE - JOB 2

(474 - 475)

EDITED UNIVERSE: PRIOELG = 1  
AND PEMJOT = 1 And HRMIS = 4 Or 8

VALID ENTRIES

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

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PRDTIND2         | 2    | DETAILED INDUSTRY RECODE - JOB 2-Con.                |             |
|                  | 36   | Insurance And Real Estate                            |             |
|                  | 37   | Private Household Services                           |             |
|                  | 38   | Business Services                                    |             |
|                  | 39   | Automobile And Repair Services                       |             |
|                  | 40   | Personal Serv Exc Private Households                 |             |
|                  | 41   | Entertainment & Recreation Services                  |             |
|                  | 42   | Hospitals  |             |
|                  | 43   | Health Services, Exc. Hospitals                      |             |
|                  | 44   | Educational Services                                 |             |
|                  | 45   | Social Services                                      |             |
|                  | 46   | Other Professional Services                          |             |
|                  | 47   | Forestry & Fisheries                                 |             |
|                  | 48   | Justice, Public Order & Safety                       |             |
|                  | 49   | Admin Of Human Resource Programs                     |             |
|                  | 50   | National Security & Internal Affairs                 |             |
|                  | 51   | Other Public Administration                          |             |
|                  | 52   | Armed Forces   |             |
| PRDTOCC1         | 2    | DETAILED OCCUPATION RECODE - JOB 1                   | (476 - 477) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1                         |             |
|                  |      | VALID ENTRIES  |             |
|                  | 1    | Officials & Administrators, Public Admin.            |             |
|                  | 2    | Other Executive, Admin. & Managerial                 |             |
|                  | 3    | Management Related Occupations                       |             |
|                  | 4    | Engineers  |             |
|                  | 5    | Mathematical And Computer Scientists                 |             |
|                  | 6    | Natural Scientists                                   |             |
|                  | 7    | Health Diagnosing Occupations                        |             |
|                  | 8    | Health Assessment And Treatment Occupations          |             |
|                  | 9    | Teachers, College And University                     |             |
|                  | 10   | Teachers, Except College And University              |             |
|                  | 11   | Lawyers And Judges                                   |             |
|                  | 12   | Other Professional Specialty Occupations             |             |
|                  | 13   | Health Technologists And Technicians                 |             |
|                  | 14   | Engineering And Science Technicians                  |             |
|                  | 15   | Technicians, Except Health, Engineering, And Science |             |
|                  | 16   | Supervisors And Proprietors, Sales Occupations       |             |
|                  | 17   | Sales Reps, Finance And Business Services            |             |
|                  | 18   | Sales Reps, Commodities, Except Retail               |             |
|                  | 19   | Sales Workers, Retail & Personal Services            |             |
|                  | 20   | Sales Related Occupations                            |             |
|                  | 21   | Supervisors, Administrative Support                  |             |
|                  | 22   | Computer Equipment Operators                         |             |
|                  | 23   | Secretaries, Stenographers, And Typists              |             |
|                  | 24   | Financial Records Processing                         |             |
|                  | 25   | Mail And Message Distribution                        |             |
|                  | 26   | Other Admin. Support, Including Clerical             |             |
|                  | 27   | Private Household Service Occupations                |             |
|                  | 28   | Protective Service                                   |             |
|                  | 29   | Food Service   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PRDTOCC1         | 2    | DETAILED OCCUPATION RECODE - JOB 1-Con.                 |             |
|                  |      | 30 Health Service                                       |             |
|                  |      | 31 Cleaning And Building Service                        |             |
|                  |      | 32 Personal Service                                     |             |
|                  |      | 33 Mechanics And Repairers                              |             |
|                  |      | 34 Construction Trades                                  |             |
|                  |      | 35 Other Precision Production, Craft, And Repair        |             |
|                  |      | 36 Machine Operators, And Tenders, Except Precision     |             |
|                  |      | 37 Fabricators, Assemblers, Inspectors, Samplers        |             |
|                  |      | 38 Motor Vehicle Operators                              |             |
|                  |      | 39 Other Transportation And Material Moving Occupations |             |
|                  |      | 40 Construction Laborers                                |             |
|                  |      | 41 Freight, Stock, & Materials Handlers                 |             |
|                  |      | 42 Other Handlers, Equipmt. Cleaners, Helpers, Laborers |             |
|                  |      | 43 Farm Operators And Managers                          |             |
|                  |      | 44 Farm Workers And Related Occupations                 |             |
|                  |      | 45 Forestry And Fishing Occupations                     |             |
|                  |      | 46 Armed Forces   |             |
| PRDTOCC2         | 2    | DETAILED OCCUPATION RECODE                              | (478 - 479) |
|                  |      | EDITED UNIVERSE: PRIOELG = 1                            |             |
|                  |      | AND PEMJOT = 1 AND HRMIS = 4 Or 8                       |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Officials & Administrators, Public Admin.             |             |
|                  |      | 2 Other Executive, Admin. & Managerial                  |             |
|                  |      | 3 Management Related Occupations                        |             |
|                  |      | 4 Engineers   |             |
|                  |      | 5 Mathematical And Computer Scientists                  |             |
|                  |      | 6 Natural Scientists                                    |             |
|                  |      | 7 Health Diagnosing Occupations                         |             |
|                  |      | 8 Health Assessment And Treatment Occupations           |             |
|                  |      | 9 Teachers, College And University                      |             |
|                  |      | 10 Teachers, Except College And University              |             |
|                  |      | 11 Lawyers And Judges                                   |             |
|                  |      | 12 Other Professional Specialty Occupations             |             |
|                  |      | 13 Health Technologists And Technicians                 |             |
|                  |      | 14 Engineering And Science Technicians                  |             |
|                  |      | 15 Technicians, Except Health, Engineering, And Science |             |
|                  |      | 16 Supervisors And Proprietors, Sales Occupations       |             |
|                  |      | 17 Sales Reps, Finance And Business Services            |             |
|                  |      | 18 Sales Reps, Commodities, Except Retail               |             |
|                  |      | 19 Sales Workers, Retail & Personal Services            |             |
|                  |      | 20 Sales Related Occupations                            |             |
|                  |      | 21 Supervisors, Administrative Support                  |             |
|                  |      | 22 Computer Equipment Operators                         |             |
|                  |      | 23 Secretaries, Stenographers, And Typists              |             |
|                  |      | 24 Financial Records Processing                         |             |
|                  |      | 25 Mail And Message Distribution                        |             |
|                  |      | 26 Other Admin. Support, Including Clerical             |             |
|                  |      | 27 Private Household Service Occupations                |             |
|                  |      | 28 Protective Service                                   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PRDTOCC2         | 2    | DETAILED OCCUPATION RECODE-Con.                         |             |
|                  |      | 29 Food Service   |             |
|                  |      | 30 Health Service                                       |             |
|                  |      | 31 Cleaning And Building Service                        |             |
|                  |      | 32 Personal Service                                     |             |
|                  |      | 33 Mechanics And Repairers                              |             |
|                  |      | 34 Construction Trades                                  |             |
|                  |      | 35 Other Precision Production, Craft, And Repair        |             |
|                  |      | 36 Machine Operators, And Tenders, Except Precision     |             |
|                  |      | 37 Fabricators, Assemblers, Inspectors, Samplers        |             |
|                  |      | 38 Motor Vehicle Operators                              |             |
|                  |      | 39 Other Transportation And Material Moving Occupations |             |
|                  |      | 40 Construction Laborers                                |             |
|                  |      | 41 Freight, Stock, & Materials Handlers                 |             |
|                  |      | 42 Other Handlers, Equip. Cleaners, Helpers, Laborers   |             |
|                  |      | 43 Farm Operators And Managers                          |             |
|                  |      | 44 Farm Workers And Related Occupations                 |             |
|                  |      | 45 Forestry And Fishing Occupations                     |             |
|                  |      | 46 Armed Forces   |             |
| PREMP            | 2    | EMPLOYED PERSONS  | (480 - 481) |
|                  |      | (Non-Farm & Non-Private Hhd) Recode                     |             |
|                  |      | EDITED UNIVERSE: PEMLR = 1 Or 2                         |             |
|                  |      | AND PEIO1OCD ne 403-407, 473-484                        |             |
|                  |      | VALID ENTRY   |             |
|                  |      | 1 Employed Persons (Exc. Farm & Priv HH)                |             |
| PRMJIND1         | 2    | MAJOR INDUSTRY RECODE - JOB 1                           | (482 - 483) |
|                  |      | EDITED UNIVERSE: PRDTIND1 = 1-51                        |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Agriculture   |             |
|                  |      | 2 Mining  |             |
|                  |      | 3 Construction  |             |
|                  |      | 4 Manufacturing - Durable Goods                         |             |
|                  |      | 5 Manufacturing - Non-Durable Goods                     |             |
|                  |      | 6 Transportation  |             |
|                  |      | 7 Communications  |             |
|                  |      | 8 Utilities And Sanitary Services                       |             |
|                  |      | 9 Wholesale Trade                                       |             |
|                  |      | 10 Retail Trade   |             |
|                  |      | 11 Finance, Insurance, And Real Estate                  |             |
|                  |      | 12 Private Households                                   |             |
|                  |      | 13 Business, Auto And Repair Services                   |             |
|                  |      | 14 Personal Services, Exc. Private Hhlds                |             |
|                  |      | 15 Entertainment And Recreation Services                |             |
|                  |      | 16 Hospitals  |             |
|                  |      | 17 Medical Services, Exc. Hospitals                     |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PRMJIND1         | 2    | MAJOR INDUSTRY RECODE - JOB 1-Con.                       |             |
|                  |      | 18 Educational Services                                  |             |
|                  |      | 19 Social Services                                       |             |
|                  |      | 20 Other Professional Services                           |             |
|                  |      | 21 Forestry And Fisheries                                |             |
|                  |      | 22 Public Administration                                 |             |
|                  |      | 23 Armed Forces  |             |
| PRMJIND2         | 2    | MAJOR INDUSTRY RECODE - JOB 2                            | (484 - 485) |
|                  |      | EDITED UNIVERSE: PRDTIND2 = 1-51                         |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Agriculture  |             |
|                  |      | 2 Mining   |             |
|                  |      | 3 Construction   |             |
|                  |      | 4 Manufacturing - Durable Goods                          |             |
|                  |      | 5 Manufacturing - Non-Durable Goods                      |             |
|                  |      | 6 Transportation   |             |
|                  |      | 7 Communications   |             |
|                  |      | 8 Utilities And Sanitary Services                        |             |
|                  |      | 9 Wholesale Trade  |             |
|                  |      | 10 Retail Trade  |             |
|                  |      | 11 Finance, Insurance, And Real Estate                   |             |
|                  |      | 12 Private Households                                    |             |
|                  |      | 13 Business, Auto And Repair Services                    |             |
|                  |      | 14 Personal Services, Exc. Private Hhlds                 |             |
|                  |      | 15 Entertainment And Recreation Services                 |             |
|                  |      | 16 Hospitals   |             |
|                  |      | 17 Medical Services, Exc. Hospitals                      |             |
|                  |      | 18 Educational Services                                  |             |
|                  |      | 19 Social Services                                       |             |
|                  |      | 20 Other Professional Services                           |             |
|                  |      | 21 Forestry And Fisheries                                |             |
|                  |      | 22 Public Administration                                 |             |
|                  |      | 23 Armed Forces  |             |
| PRMJOCC1         | 2    | MAJOR OCCUPATION RECODE - JOB 1                          | (486 - 487) |
|                  |      | EDITED UNIVERSE: PRDTOCC1 = 1-46                         |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Executive, Administrative, & Managerial Occupations    |             |
|                  |      | 2 Professional Specialty Occupations                     |             |
|                  |      | 3 Technicians And Related Support Occupations            |             |
|                  |      | 4 Sales Occupations                                      |             |
|                  |      | 5 Administrative Support Occupations, Including Clerical |             |
|                  |      | 6 Private Household Occupations                          |             |
|                  |      | 7 Protective Service Occupations                         |             |
|                  |      | 8 Service Occupations, Except Protective & Hhld          |             |
|                  |      | 9 Precision Production, Craft & Repair Occupations       |             |
|                  |      | 10 Machine Operators, Assemblers & Inspectors            |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PRMJOC1          | 2    | MAJOR OCCUPATION RECODE - JOB 1-Con.                                   |             |
|                  |      | 11 Transportation And Material Moving Occupations                      |             |
|                  |      | 12 Handlers, Equip Cleaners, Helpers, Laborers                         |             |
|                  |      | 13 Farming, Forestry And Fishing Occupations                           |             |
|                  |      | 14 Armed Forces  |             |
| PRMJOC2          | 2    | MAJOR OCCUPATION RECODE - JOB 2  | (488 - 489) |
|                  |      | EDITED UNIVERSE: PRDTOCC2 = 1-46                                       |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Executive, Administrative, & Managerial Occupations                  |             |
|                  |      | 2 Professional Specialty Occupations                                   |             |
|                  |      | 3 Technicians And Related Support Occupations                          |             |
|                  |      | 4 Sales Occupations  |             |
|                  |      | 5 Administrative Support Occupations, Including Clerical               |             |
|                  |      | 6 Private Household Occupations  |             |
|                  |      | 7 Protective Service Occupations                                       |             |
|                  |      | 8 Service Occupations, Except Protective & Hhld                        |             |
|                  |      | 9 Precision Production, Craft & Repair Occupations                     |             |
|                  |      | 10 Machine Operators, Assemblers & Inspectors                          |             |
|                  |      | 11 Transportation And Material Moving Occupations                      |             |
|                  |      | 12 Handlers, Equip Cleaners, Helpers, Laborers                         |             |
|                  |      | 13 Farming, Forestry And Fishing Occupations                           |             |
|                  |      | 14 Armed Forces  |             |
| PRMJOCGR         | 2    | MAJOR OCCUPATION CATEGORIES  | (490 - 491) |
|                  |      | EDITED UNIVERSE: PRMJOC = 1-13   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Managerial & Professional, Technical,<br>Sales & Support Occupations |             |
|                  |      | 2 Service Occupations  |             |
|                  |      | 3 Production, Craft, Repair, Operators                                 |             |
|                  |      | 4 Farming, Forestry & Fishing Occupations                              |             |
| PRNAGPWS         | 2    | NON-AGRICULTURE, PRIVATE<br>WAGE And SALARY WORKERS RECODE             | (492 - 493) |
|                  |      | EDITED UNIVERSE: PRCOW1 = 1 And<br>PEIO1ICD ne 761 Or 010-030          |             |
|                  |      | VALID ENTRY  |             |
|                  |      | 1 Non-Ag Priv Wage & Salary (Ex Priv HH)                               |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PRNAGWS          | 2    | NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE<br><br>EDITED UNIVERSE: PEMLR = 1-4<br>AND PRCOW = 1-4 AND PEIO1ICD NE 010-030<br><br>VALID ENTRY<br><br>1 Non-Ag Wage And Salary Workers       | (494 - 495) |
| PRSJMJ           | 2    | SINGLE/MULTIPLE JOBHOLDER<br><br>EDITED UNIVERSE: PEMLR = 1 Or 2<br><br>VALID ENTRIES<br><br>1 Single Jobholder<br>2 Multiple Jobholder  | (496 - 497) |
| PRERELG          | 2    | EARNINGS ELIGIBILITY FLAG<br><br>EDITED UNIVERSE: PEMLR = 1-2 And HRMIS = 4 Or 8<br><br>VALID ENTRIES<br><br>0 Not Eligible For Edit<br>1 Eligible For Edit                                    | (498 - 499) |
| PEERNUOT         | 2    | DO YOU USUALLY RECEIVE OVERTIME PAY,<br>TIPS, Or COMMISSIONS AT YOUR JOB?<br><br>EDITED UNIVERSE: PRERELG = 1<br><br>VALID ENTRIES<br><br>1 Yes<br>2 No  | (500 - 501) |
| PEERNPER         | 2    | PERIODICITY (502 - 503)<br><br>EDITED UNIVERSE: PRERELG = 1<br><br>VALID ENTRIES<br><br>1 Hourly<br>2 Weekly<br>3 Bi-Weekly<br>4 Twice Monthly<br>5 Monthly<br>6 Annually<br>7 Other - Specify |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION   |             |
|------------------|------|---|-------------|
| PEERNRT          | 2    | EVEN THOUGH YOU TOLD ME IT IS EASIER<br>TO REPORT YOUR EARNINGS (PERIODICITY); ARE<br>YOU PAID AT AN HOURLY RATE ON<br>YOUR (MAIN/THIS) JOB?        | (504 - 505) |
|                  |      | EDITED UNIVERSE: PEERNPER = 2-7   |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Yes   |             |
|                  |      | 2 No  |             |
| PEERNHRY         | 2    | HOURLY/NONHOURLY STATUS   | (506 - 507) |
|                  |      | EDITED UNIVERSE: PRERELG = 1  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 1 Hourly Worker   |             |
|                  |      | 2 Nonhourly Worker  |             |
| PUERNH1C         | 4    | WHAT IS YOUR HOURLY RATE OF PAY ON<br>THIS JOB, EXCLUDING OVERTIME PAY,<br>TIPS Or COMMISSION?  | (508 - 511) |
|                  |      | Dollar Amount - 2 Implied Decimals  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 9999 Max Value  |             |
| PEERNH2          | 4    | (EXCLUDING OVERTIME PAY, TIPS And<br>COMMISSIONS) WHAT IS YOUR HOURLY RATE<br>OF PAY ON YOUR (MAIN/THIS) JOB?<br>DOLLAR AMOUNT - 2 IMPLIED DECIMALS | (512 - 515) |
|                  |      | EDITED UNIVERSE: PEERNRT = 1  |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 9999 Max Value  |             |
| PEERNH1O         | 4    | OUT VARIABLE FOR HOURLY   | (516 - 519) |
|                  |      | Rate Of Pay (2 Implied Decimals)  |             |
|                  |      | EDITED UNIVERSE: PEERNPER = 1   |             |
|                  |      | VALID ENTRIES   |             |
|                  |      | 0 Min Value   |             |
|                  |      | 9999 Max Value  |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PRERNHLY         | 4    | RECODE FOR HOURLY RATE<br><br>2 Implied Decimals<br><br>EDITED UNIVERSE: PEERNPER = 1 Or PEERNRT = 1<br><br>VALID ENTRIES<br><br>0 Min Value<br>9999 Max Value   | (520 - 523) |
| PTHR             | 1    | HOURLY PAY - TOP CODE<br><br>VALID ENTRIES<br><br>0 Not Topcoded<br>1 Topcoded   | (524 - 524) |
| PEERNHRO         | 2    | USUAL HOURS (525 - 526)<br><br>EDITED UNIVERSE: PEERNH10 = ENTRY<br><br>VALID ENTRIES<br><br>0 Min Value<br>99 Max Value   |             |
| PRERNWA          | 8    | WEEKLY EARNINGS RECODE<br><br>2 Implied Decimals<br><br>EDITED UNIVERSE: PRERELG = 1<br><br>VALID ENTRIES<br><br>0 Min Value<br>1923 Max Value   | (527 - 534) |
| PTWK             | 1    | WEEKLY EARNINGS - TOP CODE (535 - 535)<br><br>0 Not Topcoded<br>1 Topcoded   |             |
| PEERNVR1         | 2    | I HAVE ESTIMATED YOUR USUAL WEEKLY<br>EARNINGS (FOR YOUR MAIN JOB)<br>AS ( ) BEFORE TAXES<br>OR OTHER DEDUCTIONS. DOES THAT SOUND<br>CORRECT?<br><br>EDITED UNIVERSE: PEERNHRO = ENTRY<br><br>VALID ENTRIES<br><br>1 Yes<br>2 No | (536 - 537) |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEERNVR3         | 2    | I HAVE ESTIMATED YOUR TOTAL WEEKLY<br>EARNINGS (FOR YOUR MAIN JOB) AS ( )<br>BEFORE TAXES Or OTHER DEDUCTIONS.<br>DOES THAT SOUND CORRECT? | (538 - 539) |
|                  |      | EDITED UNIVERSE: PEERNVR1 = -2 Or 2  |             |
|                  |      | (This Is An Approximate Universe As The<br>Variables Which Comprise The Universe Are<br>Not Included On This File)                         |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEERN            | 8    | CALCULATED WEEKLY OVERTIME AMOUNT  | (540 - 547) |
|                  |      | 2 Implied Decimals   |             |
|                  |      | EDITED UNIVERSE: PEERNUOT = 1 And PEERNPER = 1   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 99999999 Max Value   |             |
| PUERN2           | 8    | CALCULATED WEEKLY OVERTIME AMOUNT  | (548 - 555) |
|                  |      | 2 Implied Decimals   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Min Value  |             |
|                  |      | 99999999 Max Value   |             |
| PTOT             | 1    | WEEKLY OVERTIME AMOUNT - TOP CODE  | (556 - 556) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 0 Not Topcoded   |             |
|                  |      | 1 Topcoded   |             |
| PUERNVR4         | 2    | I HAVE RECORDED YOUR TOTAL EARNINGS  | (557 - 558) |
|                  |      | (For Your Main Job) As ( ) Before Taxes<br>Or Other Deductions. Is That Correct?   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PEERNWKP         | 2    | HOW MANY WEEKS A YEAR DO YOU<br>GET PAID FOR?  | (559 - 560) |
|                  |      | EDITED UNIVERSE: PEERNPER = 6  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 01 Min Value   |             |
|                  |      | 52 Max Value   |             |
| PEERNLAB         | 2    | ON THIS JOB, ARE YOU A MEMBER OF A<br>LABOR UNION Or OF AN EMPLOYEE ASSOCIATION<br>SIMILAR TO A UNION? | (561 - 562) |
|                  |      | EDITED UNIVERSE: (PEIO1COW = 1-5<br>AND PEMLR = 1-2 And HRMIS = 4, 8)                                  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PEERNCOV         | 2    | ON THIS JOB ARE YOU COVERED BY A UNION<br>OR EMPLOYEE ASSOCIATION CONTRACT?                            | (563 - 564) |
|                  |      | EDITED UNIVERSE: (PEIO1COW = 1-5<br>AND PEMLR = 1-2 And HRMIS = 4, 8)                                  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PENLFJH          | 2    | WHEN DID YOU LAST WORK AT A JOB<br>OR BUSINESS?  | (565 - 566) |
|                  |      | EDITED UNIVERSE: HRMIS = 4 Or 8<br>AND PEMLR = 3-7   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Within The Last 12 Months  |             |
|                  |      | 2 More Than 12 Months Ago  |             |
|                  |      | 3 Never Worked   |             |
| PENLFRET         | 2    | ARE YOU RETIRED FROM A JOB OR BUSINESS?  | (567 - 568) |
|                  |      | EDITED UNIVERSE: PEAGE = 50+ And PEMLR = 3-7   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
| PENLFACT         | 2    | WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, In SCHOOL, TAKING CARE OF HOUSE OR FAMILY, Or SOMETHING ELSE? | (569 - 570) |
|                  |      | EDITED UNIVERSE: (PEAGE = 14-49) OR (PENLFRET = 2)   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Disabled   |             |
|                  |      | 2 Ill  |             |
|                  |      | 3 In School  |             |
|                  |      | 4 Taking Care Of House Or Family   |             |
|                  |      | 5 In Retirement  |             |
|                  |      | 6 Something Else/Other   |             |
| PUNLFCK1         | 2    | NOT In LABOR FORCE - CHECK ITEM - 1  | (571 - 572) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1) If Ageing Equals 1-4 Or 9<br>Then GoTo NLFACT   |             |
|                  |      | 2) All Others GOT NLFRET   |             |
| PUNLFCK2         | 2    | NOT In LABOR FORCE - CHECK ITEM - 2  | (573 - 574) |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1) If MISCK EQUALS 4 Or 8 Then GoTo NLFJH  |             |
|                  |      | 2) All Others GoTo LBFR-END  |             |
| PESCHENR         | 2    | LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY?   | (575 - 576) |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2<br>AND PEAGE = 16-24   |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Yes  |             |
|                  |      | 2 No   |             |
| PESCHFT          | 2    | ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT?  | (577 - 578) |
|                  |      | EDITED UNIVERSE: PESCHVL = 1, 2  |             |
|                  |      | VALID ENTRIES  |             |
|                  |      | 1 Full-time  |             |
|                  |      | 2 Part-time  |             |

NAME  
LOCATION

SIZE

DESCRIPTION

PESCHVL

2

WOULD THAT BE HIGH SCHOOL, COLLEGE,  
OR UNIVERSITY?

(579 - 580)

EDITED UNIVERSE: PESCHENR = 1

VALID ENTRIES

- 1 High School
- 2 College Or University

PRNLFSCH

2

NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL

(581 - 582)

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

VALID ENTRIES

- 1 In School
- 2 Not In School

| NAME<br>LOCATION | SIZE | DESCRIPTION  |             |
|------------------|------|--|-------------|
|                  |      | PERSON'S WEIGHTS   |             |
| PWFMWGT          | 10   | FAMILY WEIGHT  | (583 - 592) |
|                  |      | (4 Implied Decimals)<br>Only Used For Tallying Family Characteristics.   |             |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1-3  |             |
| PWLGWGT          | 10   | LONGITUDINAL WEIGHT  | (593 - 602) |
|                  |      | (4 Implied Decimals)<br>Only Found On Adult Records Matched From Month To Month. (Used For Gross Flows Analysis)   |             |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2  |             |
| PWORWGT          | 10   | OUTGOING ROTATION WEIGHT   | (603 - 612) |
|                  |      | (4 Implied Decimals)<br>Used For Tallying Information Collected Only In Outgoing Rotations (I.E., Earnings, 2nd Job I & O, Detailed Nilf)                          |             |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2  |             |
| PWSSWGT          | 10   | FINAL WEIGHT (613 - 622)   |             |
|                  |      | (4 Implied Decimal Places)<br>Used For Most Tabulations, Controlled To Independent Estimates For<br>1) States; 2) Origin, Sex, And Age; And 3) Age, Race, And Sex. |             |
|                  |      | EDITED UNIVERSE: PRPERTYP = 1-3  |             |
| PWVETWGT         | 10   | VETERANS WEIGHT (623 - 632)  |             |
|                  |      | (4 Implied Decimals)<br>Used For Tallying Veteran's Data Only, Controlled To Estimates Of Veterans Supplied By Va.   |             |
|                  |      | EDITED UNIVERSE: PRPERTYP = 2  |             |
| FILLER           | 10   |  | (633 - 642) |

| NAME<br>LOCATION | SIZE | DESCRIPTION     |             |
|------------------|------|-----------------|-------------|
| ALLOCATION FLAGS |      |                 |             |
| HXTENURE         | 2    | ALLOCATION FLAG | (643 - 644) |
| HXHOUSUT         | 2    | ALLOCATION FLAG | (645 - 646) |
| HXTELHHD         | 2    | ALLOCATION FLAG | (647 - 648) |
| HXTELAVL         | 2    | ALLOCATION FLAG | (649 - 650) |
| HXPHONEO         | 2    | ALLOCATION FLAG | (651 - 652) |
| PXINUSYR         | 2    | ALLOCATION FLAG | (653 - 654) |
| PXRRP            | 2    | ALLOCATION FLAG | (655 - 656) |
| PXPARENT         | 2    | ALLOCATION FLAG | (657 - 658) |
| PXAGE            | 2    | ALLOCATION FLAG | (659 - 660) |
| PXMARITL         | 2    | ALLOCATION FLAG | (661 - 662) |
| PXSPOUSE         | 2    | ALLOCATION FLAG | (663 - 664) |
| PXSEX            | 2    | ALLOCATION FLAG | (665 - 666) |
| PXAFWHEN         | 2    | ALLOCATION FLAG | (667 - 668) |
| PXAFNOW          | 2    | ALLOCATION FLAG | (669 - 670) |
| PXEDUCA          | 2    | ALLOCATION FLAG | (671 - 672) |
| PXRACE           | 2    | ALLOCATION FLAG | (673 - 674) |
| PXNATVTY         | 2    | ALLOCATION FLAG | (675 - 676) |
| PXMNTVTY         | 2    | ALLOCATION FLAG | (677 - 678) |
| PXFNTVTY         | 2    | ALLOCATION FLAG | (794 - 680) |
| PXINUSYR         | 2    | ALLOCATION FLAG | (681 - 682) |
| PXORIGIN         | 2    | ALLOCATION FLAG | (683 - 684) |
| PXMLR            | 2    | ALLOCATION FLAG | (685 - 686) |
| PXRET1           | 2    | ALLOCATION FLAG | (687 - 688) |
| PXABSRSN         | 2    | ALLOCATION FLAG | (689 - 690) |
| PXABSPDO         | 2    | ALLOCATION FLAG | (691 - 692) |
| PXMJOT           | 2    | ALLOCATION FLAG | (693 - 694) |
| PXMJNUM          | 2    | ALLOCATION FLAG | (695 - 696) |

| NAME<br>LOCATION | SIZE | DESCRIPTION     |             |
|------------------|------|-----------------|-------------|
| PXHRUSL1         | 2    | ALLOCATION FLAG | (697 - 698) |
| PXHRUSL2         | 2    | ALLOCATION FLAG | (699 - 700) |
| PXHRFTPT         | 2    | ALLOCATION FLAG | (701 - 702) |
| PXHRUSLT         | 2    | ALLOCATION FLAG | (703 - 704) |
| PXHRWANT         | 2    | ALLOCATION FLAG | (705 - 706) |
| PXHRRSN1         | 2    | ALLOCATION FLAG | (707 - 708) |
| PXHRRSN2         | 2    | ALLOCATION FLAG | (709 - 710) |
| PXHRACT1         | 2    | ALLOCATION FLAG | (711 - 712) |
| PXHRACT2         | 2    | ALLOCATION FLAG | (713 - 714) |
| PXHRACTT         | 2    | ALLOCATION FLAG | (715 - 716) |
| PXHRRSN3         | 2    | ALLOCATION FLAG | (717 - 718) |
| PXHRAVL          | 2    | ALLOCATION FLAG | (719 - 720) |
| PXLAYAVL         | 2    | ALLOCATION FLAG | (721 - 722) |
| PXLAYLK          | 2    | ALLOCATION FLAG | (723 - 724) |
| PXLAYDUR         | 2    | ALLOCATION FLAG | (725 - 726) |
| PXLAYFTO         | 2    | ALLOCATION FLAG | (727 - 728) |
| PXLKM1           | 2    | ALLOCATION FLAG | (729 - 730) |
| PXLKAVL          | 2    | ALLOCATION FLAG | (731 - 732) |
| PXLKLL10         | 2    | ALLOCATION FLAG | (733 - 734) |
| PXLKLL20         | 2    | ALLOCATION FLAG | (735 - 736) |
| PXLKLWO          | 2    | ALLOCATION FLAG | (737 - 738) |
| PXLKDUR          | 2    | ALLOCATION FLAG | (739 - 740) |
| PXLKFTO          | 2    | ALLOCATION FLAG | (741 - 742) |
| PXDWWNTO         | 2    | ALLOCATION FLAG | (743 - 744) |
| PXDWRSN          | 2    | ALLOCATION FLAG | (745 - 746) |
| PXDWLKO          | 2    | ALLOCATION FLAG | (747 - 748) |
| PXDWWK           | 2    | ALLOCATION FLAG | (749 - 750) |

| NAME<br>LOCATION | SIZE | DESCRIPTION     |             |
|------------------|------|-----------------|-------------|
| PXDW4WK          | 2    | ALLOCATION FLAG | (751 - 752) |
| PXDWLKWK         | 2    | ALLOCATION FLAG | (753 - 754) |
| PXDWAVL          | 2    | ALLOCATION FLAG | (755 - 756) |
| PXDWAVER         | 2    | ALLOCATION FLAG | (757 - 758) |
| PXJHWKO          | 2    | ALLOCATION FLAG | (759 - 760) |
| PXJHRSN          | 2    | ALLOCATION FLAG | (761 - 762) |
| PXJHWANT         | 2    | ALLOCATION FLAG | (763 - 764) |
| PXIO1COW         | 2    | ALLOCATION FLAG | (765 - 766) |
| PXIO1ICD         | 2    | ALLOCATION FLAG | (767 - 768) |
| PXIO1OCD         | 2    | ALLOCATION FLAG | (769 - 770) |
| PXIO2COW         | 2    | ALLOCATION FLAG | (771 - 772) |
| PXIO2ICD         | 2    | ALLOCATION FLAG | (773 - 774) |
| PXIO2OCD         | 2    | ALLOCATION FLAG | (775 - 776) |
| PXERNUOT         | 2    | ALLOCATION FLAG | (777 - 778) |
| PXERNPER         | 2    | ALLOCATION FLAG | (779 - 780) |
| PXERNH1O         | 2    | ALLOCATION FLAG | (781 - 782) |
| PXERNHRO         | 2    | ALLOCATION FLAG | (783 - 784) |
| PXERN            | 2    | ALLOCATION FLAG | (785 - 786) |
| PXERNVR1         | 2    | ALLOCATION FLAG | (787 - 788) |
| PXERNVR3         | 2    | ALLOCATION FLAG | (789 - 790) |
| PXERNWKP         | 2    | ALLOCATION FLAG | (791 - 792) |
| PXERNRT          | 2    | ALLOCATION FLAG | (793 - 794) |
| PXERNHRY         | 2    | ALLOCATION FLAG | (795 - 796) |
| PXERNH2          | 2    | ALLOCATION FLAG | (797 - 798) |
| PXERNLAB         | 2    | ALLOCATION FLAG | (799 - 800) |
| PXERNCOV         | 2    | ALLOCATION FLAG | (801 - 802) |
| PXNLFJH          | 2    | ALLOCATION FLAG | (803 - 804) |
| PXNLFRET         | 2    | ALLOCATION FLAG | (805 - 806) |

| NAME<br>LOCATION | SIZE | DESCRIPTION     |             |
|------------------|------|-----------------|-------------|
| PXNLFACT         | 2    | ALLOCATION FLAG | (807 - 808) |
| PXSCHENR         | 2    | ALLOCATION FLAG | (809 - 810) |
| PXSCHFT          | 2    | ALLOCATION FLAG | (811 - 812) |
| PXSCHLVL         | 2    | ALLOCATION FLAG | (813 - 814) |

# ATTACHMENT 9

## RECORD LAYOUT SUPPLEMENT

### February 1994 Displaced Workers Survey

| NAME  | SIZE | DESCRIPTION  | LOCATION |
|-------|------|--|----------|
| PES33 | 2    | <p>During the last 3 calendar years, that is, January 1991 through December 1993, did you lose or leave a job because a plant or company closed or moved, your position or shift was abolished, insufficient work or another similar reason?</p> <p>EDITED UNIVERSE:</p> <p>All household members 20+ years old</p> <p>VALID ENTRIES:</p> <p>1 Yes<br/>2 No<br/>-2 Don't Know<br/>-3 Refused<br/>-5 No Response</p>  | 815-816  |
| PES34 | 2    | <p>Which of these specific reasons describes why you are no longer working at that job?</p> <p>EDITED UNIVERSE:</p> <p>PES33 = 1</p> <p>VALID ENTRIES:</p> <p>1 Plant Or Company Closed Down Or Moved<br/>Plant Or Company Operating But Lost Job<br/>Because Of:<br/>2 Insufficient Work<br/>3 Position Or Shift Abolished<br/>4 Seasonal Job Completed<br/>5 Self-operated Business Failed<br/>6 Some Other Reason<br/>-2 Don't Know<br/>-3 Refused<br/>-5 No Response</p> | 817-818  |

| NAME  | SIZE | DESCRIPTION  | LOCATION |
|-------|------|--|----------|
| PES35 | 2    | When did you last work at that job?  | 819-820  |
|       |      | EDITED UNIVERSE:   |          |
|       |      | PES34 = 1, 2, or 3   |          |
|       |      | VALID ENTRIES:   |          |
|       |      | 1 1991   |          |
|       |      | 2 1992   |          |
|       |      | 3 1993   |          |
|       |      | 4 Other  |          |
|       |      | -2 Don't Know  |          |
|       |      | -3 Refused   |          |
|       |      | -5 No Response   |          |
| PES36 | 2    | Do you expect to be recalled to that job within the next 6 months?   | 821-822  |
|       |      | EDITED UNIVERSE:   |          |
|       |      | PES34 = 2 or 3 and PES35 = 3, -2 or -3   |          |
|       |      | VALID ENTRIES:   |          |
|       |      | 1 Yes  |          |
|       |      | 2 No   |          |
|       |      | -2 Don't Know  |          |
|       |      | -3 Refused   |          |
|       |      | -5 No Response   |          |
| PES38 | 2    | Had you been given written advance notice informing you that you (would lose your job/ the plant or business would be closed)? | 823-824  |
|       |      | EDITED UNIVERSE:   |          |
|       |      | PES35 = 1, 2, 3, -2, or -3   |          |
|       |      | VALID ENTRIES:   |          |
|       |      | 1 Yes  |          |
|       |      | 2 No   |          |
|       |      | -2 Don't Know  |          |
|       |      | -3 Refused   |          |
|       |      | -5 No Response   |          |

| NAME   | SIZE | DESCRIPTION   | LOCATION |
|--------|------|---|----------|
| PES39  | 2    | How long before you were to have lost your job did you receive that notice? | 825-826  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | PES38 = 1   |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Less Than 1 Month   |          |
|        |      | 2 1 To 2 Months   |          |
|        |      | 3 More Than 2 Months  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |
| PESCOW | 2    | Class of Worker   | 827-828  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | Entry in PUS40, PUS41 or PUS42  |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Federal Government  |          |
|        |      | 2 State Government  |          |
|        |      | 3 Local Government  |          |
|        |      | 4 Private For Profit  |          |
|        |      | 5 Private, Nonprofit  |          |
|        |      | 8 Without Pay   |          |
|        |      | 9 Unknown   |          |
|        |      | 10 Government, Level Unknown  |          |
|        |      | 11 Self-employed, Incorporation Status Unknown                              |          |
|        |      | -5 No Response  |          |
| PESICD | 3    | Industry Code   | 829-831  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | Entry in PUS45  |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 000-992 Industry Code   |          |
|        |      | 999 No Response   |          |

| NAME    | SIZE | DESCRIPTION              | LOCATION |
|---------|------|--------------------------|----------|
| PRSDIND | 2    | Detailed Industry Recode | 832-833  |

VALID ENTRIES.

- 1 Goods Producing-agricultural Services
- 2 Goods Producing-other Agricultural
- 3 Mining
- 4 Construction
- 5 MFG-Lumber & Wood Prods, Ex Furniture
- 6 MFG-Furniture & Fixtures
- 7 MFG-Stone, Clay, Concrete, Glass Prods
- 8 MFG-Primary Metals
- 9 MFG-Fabricated Metals
- 10 MFG-Not Specified Metal Industries
- 11 MFG-Machinery, Ex Electrical
- 12 MFG-Electrical Machinery, Equip Supplies
- 13 MFG-Motor Vehicles & Equip
- 14 MFG-Aircraft & Parts
- 15 MFG-Other Transportation Equipment
- 16 MFG-Professional & Photo Equip, Watches
- 17 MFG-Toys, Amusement & Sporting Goods
- 18 MFG-Misc & Nec Mfg Industries
- 19 MFG-Food & Kindred Prods
- 20 MFG-Tobacco Prods
- 21 MFG-Textile Mill Prods
- 22 MFG-Apparel & Other Finished Textile Pr
- 23 MFG-Paper & Allied Products
- 24 MFG-Printing, Publishing & Allied Inds
- 25 MFG-Chemicals & Allied Prods
- 26 MFG-Petroleum & Coal Prods
- 27 MFG-Rubber & Misc Plastic Prods
- 28 MFG-Leather & Leather Prods
- 29 Transportation
- 30 Communications
- 31 Utilities & Sanitary Services
- 32 Wholesale Trade
- 33 Eating And Drinking Places
- 34 Other Retail Trade
- 35 Banking And Other Finance
- 36 Insurance And Real Estate
- 37 Private Household Services
- 38 Business Services
- 39 Automobile And Repair Services
- 40 Personal Serv Exc Private Households
- 41 Entertainment & Recreation Services
- 42 Hospitals
- 43 Health Services, Exc. Hospitals
- 44 Educational Services
- 45 Social Services
- 46 Other Professional Services
- 47 Forestry & Fisheries
- 48 Justice, Public Order & Safety
- 49 Admin Of Human Resource Programs
- 50 National Security & Internal Affairs
- 51 Other Public Administration
- 99 No Response

| NAME    | SIZE | DESCRIPTION                                      | LOCATION |
|---------|------|--|----------|
| PES OCD | 3    | Occupation Code                                  | 834-836  |
|         |      | EDITED UNIVERSE:                                 |          |
|         |      | Entry in PUS46, PUS47A and PUS47B                |          |
|         |      | VALID ENTRIES:                                   |          |
|         |      | 003-905      Occupation Code                     |          |
|         |      | 999          No Response                         |          |
| PRSDOCC | 2    | Detailed Occupation Recode                       | 837-838  |
|         |      | VALID ENTRIES:                                   |          |
|         |      | 1      Officials & Administrators, Pub. Admin.   |          |
|         |      | 2      Other Executive, Admin. & Managerial      |          |
|         |      | 3      Management Related Occupations            |          |
|         |      | 4      Engineers                                 |          |
|         |      | 5      Mathematical And Computer Scientists      |          |
|         |      | 6      Natural Scientists                        |          |
|         |      | 7      Health Diagnosing Occs.                   |          |
|         |      | 8      Health Assessment And Treatment Occs.     |          |
|         |      | 9      Teachers, College And University          |          |
|         |      | 10     Teachers, Except College And University   |          |
|         |      | 11     Lawyers And Judges                        |          |
|         |      | 12     Other Professional Specialty Occs.        |          |
|         |      | 13     Health Technologists And Technicians      |          |
|         |      | 14     Engineering And Science Technicians       |          |
|         |      | 15     Technicians, Exc. Health,engin. & Science |          |
|         |      | 16     Supervisors And Proprietors, Sales Occs   |          |
|         |      | 17     Sales Reps, Finance And Business Serv.    |          |
|         |      | 18     Sales Reps, Commodities, Exc. Retail      |          |
|         |      | 19     Sales Workers, Retail & Personal Serv.    |          |
|         |      | 20     Sales Related Occs                        |          |
|         |      | 21     Supervisors, Admin. Support               |          |
|         |      | 22     Computer Equipment Operators              |          |
|         |      | 23     Secretaries, Stenographers, And Typists   |          |
|         |      | 24     Financial Records Processing              |          |
|         |      | 25     Mail And Message Distributing             |          |
|         |      | 26     Other Admin Support, Inc. Clerical        |          |
|         |      | 27     Private Household Service Occs            |          |
|         |      | 28     Protective Service                        |          |
|         |      | 29     Food Service                              |          |
|         |      | 30     Health Service                            |          |
|         |      | 31     Cleaning And Building Service             |          |
|         |      | 32     Personal Service                          |          |
|         |      | 33     Mechanics And Repairers                   |          |
|         |      | 34     Construction Trades                       |          |
|         |      | 35     Other Precision Prod., Craft, & Repair    |          |
|         |      | 36     Machine Opertrs And Tenders,exc Precis.   |          |
|         |      | 37     Fabricatrs,assemblrs,inspectrs,samplrs    |          |
|         |      | 38     Motor Vehicle Operators                   |          |
|         |      | 39     Other Transp. & Material Moving Occs      |          |
|         |      | 40     Construction Laborers                     |          |

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

PRSDOCC-Con.

- 41 Freight, Stock & Materials Handlers
- 42 Oth Handlrs, equip. cleanrs, helprs, labrrs
- 43 Farm Operators And Managers
- 44 Farm Workers And Related Occupations
- 45 Forestry And Fishing Occs
- 46 Armed Forces
- 99 No Response

|       |   |  |         |
|-------|---|--|---------|
| PES48 | 2 | On that job, were you a member of a union or an employee association similar to a union? | 839-840 |
|-------|---|--|---------|

EDITED UNIVERSE:

Entry in PUS47a

VALID ENTRIES:

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

|       |   |   |         |
|-------|---|---|---------|
| PES49 | 2 | Were you included in a group health insurance plan at that job? | 841-842 |
|-------|---|---|---------|

EDITED UNIVERSE:

Entry in PES48

VALID ENTRIES:

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

|       |   |   |         |
|-------|---|---|---------|
| PES50 | 2 | How many years had you worked for that employer when you lost that job? | 843-844 |
|-------|---|---|---------|

EDITED UNIVERSE:

Entry in PES49

VALID ENTRIES:

- 01-99
- 2 Don't Know
- 3 Refused
- 5 No Response

| NAME   | SIZE | DESCRIPTION   | LOCATION |
|--------|------|---|----------|
| PES51  | 2    | Did you usually work 35 hours or more per week at that job?             | 845-846  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | Entry in PES50  |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Yes   |          |
|        |      | 2 No  |          |
|        |      | 3 Hours Varied  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |
| PES52O | 2    | Out variable for PUS52  | 847-848  |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Hourly  |          |
|        |      | 2 Weekly  |          |
|        |      | 3 Bi-Weekly   |          |
|        |      | 4 Twice Monthly   |          |
|        |      | 5 Monthly   |          |
|        |      | 6 Annually  |          |
|        |      | 7 Other   |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |
| PES54  | 2    | Did you usually receive overtime pay, tips, or commissions on that job? | 849-850  |
|        |      | EDITED UNIVERSE: PUS52 = 1-7 or -2                                      |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Yes   |          |
|        |      | 2 No  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| PESENH10 | 4    | Out variable for hourly pay rate-lost job<br>(Item PUS55, PUS56 or PUS58)<br>Dollar Amount-Two implied decimals<br>Topcoded<br><br>EDITED UNIVERSE: PUS52O=1<br><br>VALID ENTRIES:<br><br>0-9999<br>-2 Don't Know<br>-3 Refused<br>-5 No Response  | 851-854  |
| PTHR2    | 1    | Lost job hourly rate--topcode<br><br>VALID ENTRIES:<br><br>0 No Topcode<br>1 Topcoded Value  | 855      |
| PES59    | 2    | How many hours did you usually work per<br>week at that rate?<br><br>EDITED UNIVERSE:<br><br>PUS52O=1 and entry in PESENH10<br><br>VALID ENTRIES:<br><br>01-99<br>-2 Don't Know<br>-3 Refused<br>-5 No Response  | 856-857  |
| PUS60    | 2    | On the job you lost, how much did you<br>usually receive JUST in overtime pay, tips or<br>commissions, before taxes or other deductions?<br><br>VALID ENTRIES:<br><br>1 Per Hour<br>2 Per Day<br>3 Per Week<br>4 Per Month<br>5 Per Year<br>6 Other<br>-2 Don't Know<br>-3 Refused<br>-5 No Response | 858-859  |

| NAME    | SIZE | DESCRIPTION   | LOCATION |
|---------|------|---|----------|
| PUS67   | 2    | How many hours did you usually work per week at that rate?                                  | 860-861  |
|         |      | VALID ENTRIES:  |          |
|         |      | 00-99   |          |
|         |      | -2 Don't Know   |          |
|         |      | -3 Refused  |          |
|         |      | -5 No Response  |          |
| PUS68   | 2    | What is your best estimate of the number of hours per week you usually worked at that rate? | 862-863  |
|         |      | VALID ENTRIES:  |          |
|         |      | 00-99   |          |
|         |      | -2 Don't Know   |          |
|         |      | -3 Refused  |          |
|         |      | -5 No Response  |          |
| PUSERN  | 6    | Calculated weekly amount of overtime--lost job<br>Dollar Amount--Two implied decimals       | 864-869  |
|         |      | VALID ENTRIES:  |          |
|         |      | 0-192300 (topcoded)   |          |
| PUSERN2 | 6    | Corrected calculated overtime amount--lost job<br>Dollar Amount--Two implied decimals       | 870-875  |
|         |      | VALID ENTRIES:  |          |
|         |      | 0-192300 (topcoded)   |          |
| PTOT2   | 1    | Lost job overtime pay-topcode<br>(PUSERN and PUSERN2)                                       | 876      |
|         |      | VALID ENTRIES:  |          |
|         |      | 0 No Topcode  |          |
|         |      | 1 Topcoded Value  |          |
| PUS89   | 2    | How many weeks a year did you get paid for at that job?                                     | 877-878  |
|         |      | VALID ENTRIES:  |          |
|         |      | 01-52   |          |
|         |      | -2 Don't Know   |          |
|         |      | -3 Refused  |          |
|         |      | -5 No Response  |          |

| NAME  | SIZE | DESCRIPTION  | LOCATION |
|-------|------|--|----------|
| PES90 | 2    | Did you receive unemployment compensation benefits after that job ended? | 879-880  |
|       |      | EDITED UNIVERSE:   |          |
|       |      | Entry in SENAMT or SERNX1 or SERNX2                                      |          |
|       |      | VALID ENTRIES:   |          |
|       |      | 1 Yes  |          |
|       |      | 2 No   |          |
|       |      | -2 Don't Know  |          |
|       |      | -3 Refused   |          |
|       |      | -5 No Response   |          |
| PES91 | 2    | Did you exhaust your eligibility for unemployment benefits?              | 881-882  |
|       |      | EDITED UNIVERSE:   |          |
|       |      | PES90 = 1  |          |
|       |      | VALID ENTRIES:   |          |
|       |      | 1 Yes  |          |
|       |      | 2 No   |          |
|       |      | -2 Don't Know  |          |
|       |      | -3 Refused   |          |
|       |      | -5 No Response   |          |
| PES92 | 2    | Since you lost that job, have you moved to a different city or county?   | 883-884  |
|       |      | EDITED UNIVERSE:   |          |
|       |      | PES90 = 1, 2, -2, or -3  |          |
|       |      | VALID ENTRIES:   |          |
|       |      | 1 Yes  |          |
|       |      | 2 No   |          |
|       |      | -2 Don't Know  |          |
|       |      | -3 Refused   |          |
|       |      | -5 No reponse  |          |

| NAME   | SIZE | DESCRIPTION  | LOCATION |
|--------|------|--|----------|
| PES93  | 2    | Was the reason for the move to look for work or to take a different job?                       | 885-886  |
|        |      | EDITED UNIVERSE: PES92 = 1   |          |
|        |      | VALID ENTRIES:   |          |
|        |      | 1 Yes  |          |
|        |      | 2 No   |          |
|        |      | -2 Don't Know  |          |
|        |      | -3 Refused   |          |
|        |      | -5 No Response   |          |
| PES94  | 2    | Have you worked since losing that job?   | 887-888  |
|        |      | EDITED UNIVERSE:   |          |
|        |      | PES92 = 1, 2, -2, or -3 and PEMLR = 3, 4, 5, 6 or 7  |          |
|        |      | VALID ENTRIES:   |          |
|        |      | 1 Yes  |          |
|        |      | 2 No   |          |
|        |      | -2 Don't Know  |          |
|        |      | -3 Refused   |          |
|        |      | -5 No Response   |          |
| PES95  | 2    | After losing that job, how many weeks went by before you started working again at another job? | 889-890  |
|        |      | EDITED UNIVERSE:   |          |
|        |      | PES94 = 1  |          |
|        |      | VALID ENTRIES:   |          |
|        |      | 01-52  |          |
|        |      | -2 Don't Know  |          |
|        |      | -3 Refused   |          |
|        |      | -5 No Response   |          |
| PES95M | 2    | ENTER NUMBER OF MONTHS   | 891-892  |
|        |      | EDITED UNIVERSE:   |          |
|        |      | Instrument entry of "M" in PES95   |          |
|        |      | VALID ENTRIES:   |          |
|        |      | 01-23  |          |
|        |      | -5 No Response   |          |

| NAME   | SIZE | DESCRIPTION   | LOCATION |
|--------|------|---|----------|
| PES95V | 2    | Then about (amount) weeks went by before you began working at another job. Is that correct? | 893-894  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | PES95M = entry  |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Yes   |          |
|        |      | 2 No  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |
| PES95E | 2    | What is your best estimate?   | 895-896  |
|        |      | EDITED UNIVERSE: PES95V = 2   |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1-99  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |
| PES96  | 2    | Other than Medicare or Medicaid, are you now covered by any group health insurance plan?    | 897-898  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | PES94 = 1, 2, -2 or -3 and PEMLR = 1-7  |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1 Yes   |          |
|        |      | 2 No  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |
| PES97  | 2    | How many jobs have you held since losing that job?  | 899-900  |
|        |      | EDITED UNIVERSE:  |          |
|        |      | PES94 = 1 and entry in PES96  |          |
|        |      | VALID ENTRIES:  |          |
|        |      | 1-99  |          |
|        |      | -2 Don't Know   |          |
|        |      | -3 Refused  |          |
|        |      | -5 No Response  |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| PES99O   | 2    | An out variable for S99<br><br>EDITED UNIVERSE:<br><br>PEMLR=1 or 2 and PES96=entry and<br>HUMISCK=1, 2, 3, 5, 6, or 7<br><br>VALID ENTRIES:<br><br>1 Hourly<br>2 Weekly<br>3 Bi-Weekly<br>4 Twice Monthly<br>5 Monthly<br>6 Annually<br>7 Other-Specify<br>-2 Don't Know<br>-3 Refused<br>-5 No Response          | 901-902  |
| PES101   | 2    | Do you usually receive overtime pay, tips, or<br>commissions (?/at your MAIN job?)<br><br>EDITED UNIVERSE:<br><br>Entry in PUS99<br><br>VALID ENTRIES:<br><br>1 Yes<br>2 No<br>-2 Don't Know<br>-3 Refused<br>-5 No Response   | 903-904  |
| PESEH1OA | 4    | Out variable for hourly pay rate-current job<br><br>Dollar Amount--Two implied decimals<br><br>EDITED UNIVERSE:<br><br>PUS99O=1<br><br>VALID ENTRIES:<br><br>0-9999 (topcoded such that hourly rate is less<br>than or equal to \$1923.00 divided by usual hours)<br>-2 Don't Know<br>-3 Refused<br>-5 No Response | 905-908  |

| NAME    | SIZE | DESCRIPTION  | LOCATION |
|---------|------|--|----------|
| PTHR3   | 1    | Supplement current job hourly rate-topcoded  | 909      |
|         |      | VALID ENTRIES:   |          |
|         |      | 0 No Topcode   |          |
|         |      | 1 Topcoded Value   |          |
| PUS106  | 2    | How many hours do you usually work per week at this rate?  | 910-911  |
|         |      | EDITED UNIVERSE:   |          |
|         |      | PUS990 = 1 and entry in PESEH1OA   |          |
|         |      | VALID ENTRIES:   |          |
|         |      | 01-99  |          |
|         |      | -2 Don't Know  |          |
|         |      | -3 Refused   |          |
|         |      | -5 No Response   |          |
| PES106O | 2    | Out variable for usual hours worked--current job   | 912-913  |
|         |      | VALID ENTRIES:   |          |
|         |      | 01-99  |          |
|         |      | -2 Don't Know  |          |
|         |      | -3 Refused   |          |
|         |      | -5 No Response   |          |
| PUS107  | 2    | (How/At your MAIN job, how) much do you usually receive JUST in overtime pay, tips or commissions, before taxes or other deductions? | 914-915  |
|         |      | VALID ENTRIES:   |          |
|         |      | 1 Per Hour   |          |
|         |      | 2 Per Day  |          |
|         |      | 3 Per Week   |          |
|         |      | 4 Per Month  |          |
|         |      | 5 Per Year   |          |
|         |      | 6 Other  |          |
|         |      | -2 Don't Know  |          |
|         |      | -3 Refused   |          |
|         |      | -5 No Response   |          |
| PUS114  | 2    | How many hours do you usually work per week at this rate?  | 916-917  |
|         |      | VALID ENTRIES:   |          |
|         |      | 00-99  |          |
|         |      | -2 Don't Know  |          |
|         |      | -3 Refused   |          |
|         |      | -5 No Response   |          |

| NAME     | SIZE | DESCRIPTION   | LOCATION |
|----------|------|---|----------|
| PUS115   | 2    | What is your best estimate of the number of hours per week you usually work at this rate?     | 918-919  |
|          |      | VALID ENTRIES:  |          |
|          |      | 00-99   |          |
|          |      | -2 Don't Know   |          |
|          |      | -3 Refused  |          |
|          |      | -5 No Response  |          |
| PUSERN1  | 6    | Calculated weekly amount of overtime--current job<br>Dollar Amount--Two implied decimals      | 920-925  |
|          |      | VALID ENTRIES:  |          |
|          |      | 0-1923000 (topcoded)  |          |
| PUSERN2A | 6    | Corrected calculated weekly overtime amount--current job<br>Dollar Amount--2 implied decimals | 926-931  |
|          |      | VALID ENTRIES:  |          |
|          |      | 0-192300 (topcoded)   |          |
| PTOT3    | 1    | Supplement current job overtime pay-topcoded (PESERN1 and PESERN2A)                           | 932      |
|          |      | VALID ENTRIES:  |          |
|          |      | 0 No Topcode  |          |
|          |      | 1 Topcoded Value  |          |
| PUS136   | 2    | How many weeks a year do you get paid for?  | 933-934  |
|          |      | EDITED UNIVERSE:  |          |
|          |      | VALID ENTRIES:  |          |
|          |      | 01-52   |          |
|          |      | -2 Don't Know   |          |
|          |      | -3 Refused  |          |
|          |      | -5 No Response  |          |
| PRSLWKLY | 6    | Recode for weekly earnings on lost job<br>Dollar Amount--Two implied decimals                 | 935-940  |
|          |      | VALID ENTRIES:  |          |
|          |      | 0-192300 (topcoded)   |          |
|          |      | -2 Don't Know   |          |
|          |      | -3 Refused  |          |
|          |      | -5 No Response  |          |

| NAME     | SIZE | DESCRIPTION  | LOCATION |
|----------|------|--|----------|
| PTWK2    | 1    | Lost job weekly earnings-topcode   | 941      |
|          |      | VALID ENTRIES:   |          |
|          | 0    | No Topcode   |          |
|          | 1    | Topcoded Value   |          |
| PRSCWKLY | 6    | Recode for weekly earnings on current job.<br>This is allocated if missing, don't know,<br>refused or no response. | 942-947  |
|          |      | Dollar Amount--Two implied decimals  |          |
|          |      | VALID ENTRIES:   |          |
|          |      | 0-192300 (topcoded)  |          |
| PTWK3    | 1    | Supplement current job weekly earnings-<br>topcode   | 948      |
|          |      | VALID ENTRIES:   |          |
|          | 0    | No Topcode   |          |
|          | 1    | Topcoded Value   |          |
| PRSUPTYP | 1    | Type of Supplement Interview   | 949      |
|          | 1    | Interviewed, Displaced Worker (Self-employed<br>People Included)   |          |
|          | 2    | Interviewed, Not A Displaced Worker  |          |
|          | 3    | Noninterview   |          |

## ATTACHMENT 10A

### QUESTIONNAIRE

February 4, 1994

#### COMPARISON OF OLD AND REVISED CURRENT POPULATION SURVEY QUESTIONNAIRES

A redesign of the Current Population Survey [CPS] was implemented in January 1994 which introduced a revised CPS questionnaire and an automated data-collection environment.

To enable data users to compare past and present versions of the questionnaire, the two instruments have been consolidated into this (updated) composite questionnaire package. [This document contains slight modifications to the revised CPS questionnaire that were made after the last version of the composite questionnaire was issued (March 1993)].

Each page is organized using the following format:

LEFT SIDE:

Questions from the old  
CPS questionnaire

RIGHT SIDE:

Questions from the revised  
CPS questionnaire

Please note that the page sequencing for the composite questionnaire is based on the page and question sequencing of the revised CPS questionnaire. As a result, the questions from the old CPS questionnaire [referred to as CPS-1] are not in their natural order.

Attached to this document, for reference purposes, are the following materials:

1. A one-page copy of the old CPS questionnaire;
2. A table summarizing differences between the old and the revised CPS questionnaires; and,
3. A questionnaire item comparison table that juxtaposes item numbers (and labels) for the old and the revised questionnaires.

Requests for additional information on the revised CPS questionnaire may be addressed to the Bureau of Labor Statistics, Division of Labor Force Statistics (Postal Square Building, Room 4675, 2 Massachusetts Ave., N.E., Washington, DC, 20212; 202-606-6378).

# COMPOSITE QUESTIONNAIRE STRUCTURE

| Series Title             | Page(s)      |
|--------------------------|--------------|
| AT WORK                  | ... 1-3      |
| WITH A JOB               | ... 4-5      |
| MULTIPLE JOB             | ... 6        |
| USUAL HOURS              | ... 7-8      |
| ECONOMIC PART TIME       | ... 9 and 12 |
| ACTUAL HOURS             | ... 10-11    |
| ON LAYOFF                | ... 13-14    |
| LOOKING                  | ... 15-19    |
| DISCOURAGED WORKERS      | ... 20-22    |
| JOB HISTORY              | ... 23-24    |
| INDUSTRY & OCCUPATION    |              |
| (a) Dependent            | ... 25       |
| (b) Independent          |              |
| • First Job              | ... 26-28    |
| • Second Job             | ... 29-32    |
| EARNINGS                 | ... 33-47    |
| NILF/RETIRED/MAIN STATUS | ... 48       |
| SCHOOL ENROLLMENT        | ... 49       |

OLD CPS QUESTIONNAIRE  
(CPS-1)

AT WORK

Q19. What was ... doing most of LAST WEEK -  
Working  
Keeping house  
Going to school  
or something else?  
Working (skip to Q20A).....WK ...O  
With a job but not at work.....J ...O  
Looking for work.....LK ...O  
Keeping house.....H ...O  
Going to school.....S ...O  
Unable to work (skip to Q24).....U ...J  
Retired.....R ...O  
Other (specify).....OT ...O

Q20. Did ... do any work at all LAST WEEK, not counting work  
around the house? (Note: If farm or business operator  
in HH, ask about unpaid work.)  
Yes.....O  
No.....O (Go to Q22)

Last revised 2/2/94

REVISED CPS QUESTIONNAIRE

Q19. I am going to ask a few questions about work-related  
LABOR activities LAST WEEK. By last week I mean the week beginning  
on Sunday, January 12, and ending on Saturday, January 18.

NOTE: This item is asked only once, after demographics for household have  
been asked.

Q19A. Does anyone in this household have a business or a farm?

BUS  
Yes..... 0 ==> Whose business -- (line no.) BUSL1  
No..... 0 or farm is it? -- (line no.) BUSL2  
[blind] Don't know..... 0 -- (line no.) BUSL3  
[blind] Refused..... 0 -- (line no.) BUSL4

AT WORK

Q20. (If Q19A is "yes" then parentheticals should be filled.)  
WK LAST WEEK, did you do ANY work for (either) pay (or profit)?

Yes..... 0 (Skip to Q20C)  
No..... 0 (Go to Q20-CK)  
Retired..... 0 (Go to Q20-CK)  
Disabl 1..... 0 (Go to Q20-CK)  
Unable to work... 0 (Go to Q20-CK)  
[blind] Don't know..... 0 (Skip to Q20B-a)  
[blind] Refused..... 0 (Skip to Q20B-a)

Q20-CK. CHECK ITEM  
BUSCK1 Q19A is "Yes"..... (Ask Q20-1)  
Q19A is "No" "D" or "R"... (Skip to Q20-CK2)

Q20-1. LAST WEEK, did you do any unpaid work in the family business or  
BUS1 farm?

Yes..... 0 (Ask Q20-2)  
No..... 0 (Skip to Q20-CK2)  
[blind] Don't know... 0 (Skip to Q20-CK2)  
[blind] Refused..... 0 (Skip to Q20-CK2)

Q20-2. (If Q19A is "yes" and Q19A line number EQ person number, then  
BUS2 plug Q20-2 "yes" and skip to Q20E-A.)

Do you receive any payments or profits from the business?

Yes ..... 0 (Skip to Q20E-A)  
No ..... 0 (Go to Q20E-A)  
[blind] Don't know .. 0 (Go to Q20E-A)  
[blind] Refused..... 0 (Go to Q20E-A)

## A T W O R K (continued) revised 2/26/93

## Q20-CK2. CHECK ITEM

RETCK1 (MIS-CK is 2-4 or 6-8) and (Prev month lab force status was "NILF-Retired") and (Age is 50+) and (Q20 is "retired").....(Plug Q20-RET "yes" and Skip to Q20-num)  
 (MIS-CK is 2-4 or 6-8) and (Prev month lab force status was "NILF-Retired") and (Age is 50+) and (Q20 is NOT "retired")..(Ask Q20-RET)  
 (MIS-CK is 2-4 or 6-8) and (Prev month lab force status was "NILF-Disabled/Unable").....(Skip to Q20-DIS)  
 If Q20 is "Disabled".....(Go to Q20A-1)  
 If Q20 is "Unable".....(Go to Q20A-2)  
 All others.....(Go to Q20-RET-CK1)

Q20-RET. Last month you were reported to be retired.  
 RET Are you still retired?

Yes ..... 0 (Skip to Q20-NUM)  
 No ..... 0 (Skip to Q20-RET-CK1)  
 Was not retired last month... 0 (Skip to Q20-RET-CK1)

[blind] Don't know.....0 (Skip to Q20-RET-CK1)  
 [blind] Refused.....0 (Skip to Q20-RET-CK1)

Q20-DIS. (If Q20 is "no" then fill first parenthetical.)  
 DIS (If Q19A is "yes" then fill second parenthetical.)  
 (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 (, including work in the family business or farm)?

Yes.....0 (Skip to Q27-CK)  
 No.....0  
 Did not have disability last month...0

[blind] Don't know.....0  
 [blind] Refused.....0

## Q20-RET-CK1. CHECK ITEM

RETCK2 Q20 is retired.....(Go to Q20-RET-CK2)  
 All others.....(Skip to Q20B-a)

## Q20-RET-CK2. CHECK ITEM

RETCK3 Person is 50+ yrs. old..... (Ask Q20-num)  
 Person is under 50 yrs. old. (Skip to Q20B-a)

Q20-num. Do you currently want a job, either full or part time?  
 RET1

Yes or Maybe, it depends..0 (Skip to Q22)  
 No.....0 (Skip to Q27-CK)  
 Has a job.....0 (Skip to Q20B-1)  
 Don't know.....0 (Skip to Q22)

[blind] Refused.....0 (Skip to Q22)

AT WORK (continued)

|                     |  |
|---------------------|--|
| Q20A-1.<br>DIS1     | Does your disability prevent you from accepting any kind of work during the next six months?           |
|                     | Yes ..... 0 (Skip to Q27-CK)   |
|                     | No ..... 0 (Skip to Q20A-3-CK)   |
| [blind]             | Don't know . 0 (Skip to Q20A-3-CK)   |
| [blind]             | Refused .... 0 (Skip to Q20A-3-CK)   |
| <hr/>               |  |
| Q20A-2.<br>DIS2     | Do you have a disability that prevents you from accepting any kind of work during the next six months? |
|                     | Yes ..... 0 (Skip to Q27-CK)   |
|                     | No ..... 0   |
| [blind]             | Don't know.. 0   |
| [blind]             | Refused .... 0   |
| <hr/>               |  |
| Q20A-3-CK<br>DISCK1 | CHECK ITEM   |
|                     | Q23 is "disabled" or "unable".....(Skip to Q24-CK)   |
|                     | Q22 is "disabled" or "unable".....(Skip to Q23-CK1)  |
|                     | Q20B-b is "disabled" or "unable"..(Skip to Q22)  |
|                     | Q20B-a is "disabled" or "unable"..(Skip to Q20B-b)   |
|                     | All others.....(Go to Q20B-a)  |

WITH A JOB

Q21. (If J in Q19, skip to Q21A)  
Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK?

Yes.....0  
No.....0 (Go to Q22)

WITH A JOB

NOTE: (If Q19A is yes and Q19-1st equals L-no, fill parenthetical.)  
Q20B-a. LAST WEEK, (in addition to the business,) did you have a job  
ABS either full or part time? Include any job from which you were temporarily absent.

Yes ..... 0 (Skip to Q20B-1)  
No ..... 0 (Skip to Q20B-a-CK)  
Retired... 0 (Skip to Q20B-RET-CK1)  
Disabled.. 0 (Go to Q20B-a-CK2)  
Unable ... 0 (Go to Q20B-a-CK2)

[blind] Don't know.0 (Skip to Q20B-b)  
[blind] Refused ...0 (Skip to Q20B-b)

Q20B-a-CK. CHECK ITEM  
BUSCK2 If Q19A is yes and Q19-1st equal L\_no....(Skip to Q20B-1)  
All others.....(Skip to Q20B-b)

Q20B-a-CK2 CHECK ITEM  
DISCK2 Entry in Q20A-1 or Q20A-2 .....(Skip to Q20B-b)  
Entry in Q20B-a is disabled.....(Back to Q20A-1)  
Entry in Q20B-a is unable.....(Back to Q20A-2)

Q20B-RET-CK1 CHECK ITEM  
RETCK4 Person is 50+ yrs. old.....(Back to Q20num)  
Person is less than 50 yrs. old.(Ask Q20B-b)

Q20B-b. LAST WEEK, were you on layoff from a job?  
LAY

Yes ..... 0 (Skip to Q21)  
No ..... 0 (Skip to Q22)  
Retired... 0 (Skip to Q20B-RET-CK2)  
Disabled... 0 (Go to Q20B-b-CK)  
Unable .... 0 (Go to Q20B-b-CK)

[blind] Don't know. 0 (Skip to Q22)  
[blind] Refused.... 0 (Skip to Q22)

Q20B-b-CK CHECK ITEM  
DISCK3 Entry in Q20A-1 or Q20A-2 .....(Skip to Q22)  
Entry in Q20B-b is Disabled.....(Back to Q20A-1)  
Entry in Q20B-b is Unable.....(Back to Q20A-2)

Q20B-RET-CK2 CHECK ITEM  
RETCK5 Person is 50+ yrs. old.. .....(Back to Q20num)  
Person is less than 50 yr. old... (Skip to Q22)

WITH A JOB (continued)

Q21A. Why was ... absent from work LAST WEEK?

Own illness.....0  
 On vacation.....0  
 Bad weather.....0  
 Labor dispute.....0  
 New job to begin  
 within 30 days.....0 (Skip to Q22B and Q22C2)  
 Temporary layoff  
 (Under 30 days).....0 (Skip to Q22C3)  
 Indefinite layoff  
 (30 days or more or  
 no def. recall date)..0 (Skip to Q22C3)  
 Other (Specify).....0

Q21B. Is ... receiving wages or salary from his/her employer  
 for any of the time off LAST WEEK?

Yes.....0  
 No.....0

Q21C. Does ... usually work 35 hours or more a week at this  
 job?

Yes.....0  
 No.....0

(Skip to Q23 and enter job held last week)

WITH A JOB (continued)

(If Q20B-a is "no" AND (Q19A is "yes" and Q19-list equals L-no) then do not  
 display the first three response options.)  
 (NOTE: Top three categories should not appear if first condition in Q20B-a-CK  
 is met.)

Q20B-1. What was the main reason you were absent from work LAST WEEK?

ABSRSH  
 On layoff (temporary or indefinite)..... 0 (Skip to Q21)  
 Slack work/business conditions..... 0 (Skip to Q21)  
 Waiting for new job to begin ..... 0 (Skip to Q22)  
 Vacation/personal days..... 0  
 Own illness/injury/medical problems..... 0  
 Child care problems..... 0  
 Other family/personal obligation..... 0 (Go to Q20B-1CK)  
 Maternity or paternity leave..... 0  
 Labor dispute..... 0  
 Weather affected job..... 0  
 School/training..... 0  
 Civic/military duty..... 0  
 Does not work in the business..... 0 (Skip to Q22)  
 Other (Specify)..... 0 (Go to Q20B-1CK)  
 Don't know..... 0 (Go to Q20B-1CK)  
 Refused..... 0 (Go to Q20B-1CK)

Q20B-1CK. CHECK ITEM

BUSCK3

(If Q19a is "yes" and Q19-list equals L-no) and Q20B-a is  
 "no"....(Plug Q20B-2 "yes", Q20C "no", and skip to Q20E-A.)

All others.....(Ask Q20B-2)

Q20B-2. Are you being paid by your employer for any of the time off last  
 week?

ABSPD  
 Yes..... 0  
 No ..... 0  
 [blind] Don't know. 0  
 [blind] Refused.... 0

Q20B-2CK. CHECK ITEM

ABSCK1

If total actual hours (Q20I-1 and Q20I-2)  
 equals zero.....(Skip to Q20E-2-CK)  
 All others .....(Go to Q20C)

MULTIPLE JOBS revised 12/8/92

NOTE: "or business" should be displayed only if Q19A is "yes".  
Q20C. LAST WEEK, did you have more than one job (or business), including  
MJ part-time, evening or weekend work?

- Yes.....0
- No.....0 (Skip to Q20E-A)
- [blind] Don't know .....0 (Skip to Q20E-A)
- [blind] Refused.....0 (Skip to Q20E-A)

NOTE: "or businesses" should be displayed only if Q19A is yes.  
Q20D. Altogether, how many jobs (or businesses) did you have?

- MJNUM 2.....0 (GO
- 3.....0
- 4+.....0 TO
- [blind] Don't know..0
- [blind] Refused ....0 Q20E-A)

## USUAL HOURS

Q20C. Does ... USUALLY work 35 hours or more a week at this job?

Yes.....0 ———> What is the reason ... worked less than 35 hours LAST WEEK?

No.....0 ———> What is the reason ... USUALLY works less than 35 hours a week?

## USUAL HOURS

Revised 6/23/92

(If Q20C is "yes", then fill parenthetical "main".)  
 Q20E-A. How many hours per week do you USUALLY work at your (main) job?  
 HRUSL1 (If Q20C is "yes") "By main job we mean the one at which you usually work the most hours."

## (MAIN) JOB

Number of hours==&gt; \_ \_

|         |            |   |
|---------|------------|---|
|         | Hours vary | 0 |
| [blind] | Don't know | 0 |
| [blind] | Refused    | 0 |

Q20E-CK. CHECK ITEM  
 HRCK1 If Q20C is "yes".....(Ask Q20E-B)  
 All others.....(Go to Q20E-CK2)

Q20E-B. (If Q20D is "3" or "4", then fill parenthetical for jobs.)  
 HRUSL2 How many hours per week do you USUALLY work at your other job(s)?

## OTHER JOB(S)

Number of hours==&gt; \_ \_

|         |            |   |
|---------|------------|---|
|         | Hours vary | 0 |
| [blind] | Don't know | 0 |
| [blind] | Refused    | 0 |

Q20E-CK2 CHECK ITEM  
 HRCK2 If Q20C is "yes" and ((Q20E-A is D, R, or hours vary) and (Q20E-B is D, R, hours vary, or 0-34 hours))...(Go to Q20E-1)  
 If Q20C is "yes" and ((Q20E-B is D, R, or hours vary) and (Q20E-A is D, R, hours vary or 0-34 hours))...(Go to Q20E-1)  
 If Q20C is no, D, or R and Q20E-A is hours vary, D or R.(Ask Q20E-1)  
 If Q20-1 is "yes" and Q20E-A is hours vary, D, or R..(Ask Q20E-1)  
 All others.....(Skip to Q20E-2-CK)

NOTE: ("at all your jobs combined" should be filled if Q20D has an entry.)  
 ("in the family business" should be filled if Q20-1 is yes.)  
 Q20E-1. Do you USUALLY work 35 hours or more per week (at your job) (at all your jobs combined) (in the family business or farm)?  
 HRFTPT

|         |                |
|---------|----------------|
|         | Yes..... 0     |
|         | No..... 0      |
|         | Hours vary.. 0 |
| [blind] | Don't know.. 0 |
| [blind] | Refused..... 0 |

U S U A L   H O U R S (continued) Revised 2/11/92

Q20E-2-CK.      CHECK ITEM

HRCK3

Q20B-a is "yes" OR (Q20B-a is "no" and Q19a is "yes" and  
Q19-list equals L-no)..... (Skip to Q20K-CK)  
Q20-num is "has a job"..... (Skip to Q20K-CK)  
Q20-2 is "no", "D" or "R"..... (Skip to Q20I-1)  
Q20E (total) is 0-34 hours..... (Skip to Q20E-3-CK)  
Q20E (total) is 35+ hours ..... (Skip to Q20G)  
All others ..... (Go to Q20E-3-CK)

Q20E-3-CK.      CHECK ITEM

HRCK4

Q20E-1 is "yes", D, R, or hours vary.....(Skip to Q20I-1)  
Q20-2 has entry of "no", "D" or "R".....(Skip to Q20G)  
Q20E (total) is 0-34 hours.....(Skip to Q20F-1)  
Q20E-1 is "no".....(Skip to Q20F-1)  
All others.....(Skip to Q20I-1)

ECONOMIC PART TIME

Q20C. Does ... USUALLY work 35 hours or more a week at this job?

Yes.....0 ---->

What is the reason ...  
worked less than 35  
hours LAST WEEK?

No.....0 ---->

What is the reason ...  
USUALLY works less than  
35 hours a week?

(Mark the appropriate reason)

Slack work.....0  
Material shortage.....0  
Plant or machine repair.....0  
New job started during week.....0  
Job terminated during week.....0  
Could find only part-time work..0  
Holiday (Legal or religious)....0  
Labor dispute.....0  
Bad weather.....0  
Own illness.....0  
On vacation.....0  
Too busy with housework, school,  
personal bus., etc.....0  
Did not want full-time work.....0  
Full-time work week under  
35 hours.....0  
Other reason (Specify).....0

(Skip to Q23 and enter job worked at last week)

ECONOMIC PART TIME

Q20F-1. Do you want to work a full-time workweek of 35 hours or more per week?

Yes ..... 0  
No ..... 0 (Skip to Q20F-3)  
Regular hrs are full time.. 0 (Skip to Q20G)  
Don't know..... 0 (Skip to Q20G)  
Refused..... 0 (Skip to Q20G)

Q20F-2. Some people work part time because they cannot find full-time work or because business is poor. Others work part time because of family obligations or other personal reasons. What is your MAIN reason for working part time?

(PROBE IF NECESSARY: What is your MAIN reason for working PART TIME instead of FULL TIME?)

Slack work/business conditions.....0  
Could only find part-time work.....0  
Seasonal work.....0 (SKIP  
Child care problems.....0  
Other family/personal obligations.....0 TO  
Health/medical limitations.....0  
School/training.....0  
Retired/Social Security limit on earnings..0  
Full-time workweek is less than 35 hrs.....0 (Q20G)  
Other..(specify).....0  
Don't know.....0  
Refused.....0

HRSPC1  
[blind]  
[blind]

Q20F-3. What is the main reason you do not want to work full time?

Child care problems.....0  
Other family/personal obligations.....0  
Health/medical limitations.....0  
School/training.....0  
Retired/Social Security limit on earnings..0  
Full-time workweek is less than 35 hrs.....0  
Other.....(specify).....0  
Don't know.....0  
Refused.....0

HRSPC2  
[blind]  
[blind]

---

**ACTUAL HOURS**


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Q20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?

Yes.....0      →      How many hours did ... take off?

[Correct Q20A if lost time not already deducted; if Q20A reduced below 35, correct Q20B and fill Q20C.]

No.....0

Q20E. Did ... work any overtime or at more than one job LAST WEEK?

Yes.....0      →      How many extra hours did ... work?

[Correct Q20A and Q20B as necessary if extra hours not already included and skip to Q23.]

No.....0

(Skip to 23)

Q20A. How many hours did ... work LAST WEEK at all jobs?

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**ACTUAL HOURS**


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(LEAD-IN: Now I have some questions about the exact number of hours you worked LAST WEEK.)

Q20G. LAST WEEK, did you lose or take off any hours from (work) (your MAIN job), for ANY reason such as illness, slack work, vacation, or holiday?

Yes.....0 (Ask Q20G-1)  
 No.....0 (Skip to Q20H)  
 [blind] Don't know... 0 (Skip to Q20H)  
 [blind] Refused..... 0 (Skip to Q20H)

Q20G-1. How many hours did you take off?  
 HROFF2

Number of hours---> --  
 [blind] Don't know 0  
 [blind] Refused 0

Q20H. LAST WEEK, did you work any overtime or EXTRA hours (at your MAIN job) that you do not USUALLY work?

Yes ..... 0 (Ask Q20H-1)  
 No ..... 0 (Skip to Q20I-1)  
 [blind] Don't know... 0 (Skip to Q20I-1)  
 [blind] Refused ..... 0 (Skip to Q20I-1)

Q20H-1. How many ADDITIONAL hours did you work?  
 HROT2

Number of hours---> --  
 [blind] Don't know 0  
 [blind] Refused 0

Q20I-1. (If "yes" in Q20C, fill second parenthetical with "MAIN".)  
 HRACT1 (If Q20G has an entry, fill first parenthetical.)  
 (So, for) LAST WEEK, how many hours did you ACTUALLY work at your (MAIN) job?

(MAIN) JOB?  
 (If Q20C = "yes", then range of 00-99)  
 (If Q20C = "no", "D" or "R", then range of 01-99)

Number of hours---> --  
 [blind] Don't know 0  
 [blind] Refused 0

Q20I-1CK CHECK ITEM  
 HRCK5

If Q20C is "yes".....(Ask Q20I-2)  
 All others.....(Go to Q20I-CK)

ACTUAL HOURS (continued)

Q20C. Does ... USUALLY work 35 hours or more a week at this job?

Yes.....0 → What is the reason ... worked less than 35 hours LAST WEEK?

No.....0 → What is the reason ... USUALLY works less than 35 hours a week?

(Mark the appropriate reason)

Slack work.....0  
 Material shortage.....0  
 Plant or machine repair.....0  
 New job started during week.....0  
 Job terminated during week.....0  
 Could find only part-time work.....0  
 Holiday (Legal or religious).....0  
 Labor dispute.....0  
 Bad weather.....0  
 Own illness.....0  
 On vacation.....0  
 Too busy with housework, school, personal bus., etc.....0  
 Did not want full-time work.....0  
 Full-time work week under 35 hours.....0  
 Other reason (Specify).....0

(Skip to Q23 and enter job worked at last week)

10A-13

ACTUAL HOURS (continued) Revised 2/10/93

(If Q20D is 3 or 4+, fill parenthetical with "Jobs".)  
 Q20I-2. LAST WEEK, how many hours did you ACTUALLY work at your other (job)?  
 HRACT2

OTHER JOB(S)?  
 (Range of 00-99)

Number of hours---> --

[blind] Don't know 0  
 [blind] Refused 0

Q20I-CK CHECK ITEM  
 HRC6 If total actual hours worked (Q20I-1 and Q20I-2) equals zero, and Q20-2 = "no", "D" or "R".....(Skip to Q22)  
 If total actual hours worked (Q20I-1 and Q20I-2) equals zero, plug Q20B-A "yes" .....(Back to Q20B-1)  
 All others.....(Go to Q20I-CK2)

Q20I-CK2. INTERVIEWER CHECK ITEM  
 HRC7

Q20-2 is "no", "D", or "R".....(Skip to Q20K-CK)  
 (Q20E (total) is 35+ hrs. or Q20E-1 is "yes") AND (Q20I (total) is less than 35 hrs) AND (Q20I-1 or Q20I-2 not equal D or R)....(Ask Q20J)  
 Q20F-1 is "yes" AND Q20I is <35 hrs AND (Q20F-2 is either "slack work/business conditions" OR "could only find part-time work" or "seasonal work").....(Skip to Q20K)  
 All others.....(Skip to Q20K-CK)

Q20J. What is the main reason you worked less than 35 hours LAST WEEK?  
 HRRS3

Slack work/business conditions.....0  
 Seasonal work.....0  
 Job started or ended during week.....0  
 Vacation/personal day.....0 (SKIP  
 Own illness/injury/medical appt.....0  
 Holiday (legal or religious).....0  
 Child care problems.....0 TO  
 Other family/personal obligations.....0  
 Labor dispute.....0  
 Weather affected job.....0  
 School/training.....0  
 Civic/Military duty.....0  
 Other reason .....(specify) 0 Q20K-CK)  
 [blind] Don't know.....0  
 [blind] Refused.....0

## ECONOMIC PART TIME Revised 6/23/92

Q20K. LAST WEEK, could you have worked full time if the hours  
HRAVL had been offered?

Yes ..... 0 (SKIP  
No ..... 0 TO  
(blind) Don't know... 0  
(blind) Refused..... 0 Q20K-CK)

Q20K-CK CHECK ITEM  
HRCKB

Line number of current person equals  
line number of current household respondent....(Skip to Q20K-CK4)  
All others.....(Go to Q20K-CK1)

Q20K-CK1 CHECK ITEM

HRCK9 \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\*

Did ... provide any of the hours information you just collected?

Yes....0 (Skip to Q20K-CK4)  
No.....0 (Go to Q20K-CK2)

Q20K-CK2 CHECK ITEM

HRCK10 \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\*

Did anyone other than (fill household respondent's name) provide any  
of the hours information you just collected?

Yes....0 (Go to Q20K-CK3)  
No.....0 (Skip to Q20K-CK4)

Q20K-CK3 CHECK ITEM

HRCK11 \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\*

Who was that?  
(Display household roster so person name and line number appears)

Enter line number \_ \_ (Skip to Q20K-CK4)

Q20K-CK4. INTERVIEWER CHECK ITEM

HRCK12  
(Q20-2 is "no", D or R) AND (Q20I-1 is <15 hrs pr D or R)...(Skip to Q22)  
All others.....(Skip to Q25-CK)

## ON LAYOFF

Q22E. Could ... have taken a job LAST WEEK if one had been offered?

Yes.....0

No.....0 —————> Why not?

Already has a job.....0

Temporary illness.....0

Going to school.....0

Other (Specify in notes)..0

## ON LAYOFF

Q21. LAYDT Has your employer given you a date to return to work?

Yes ..... 0 (Skip to Q21A-1)

No ..... 0

[blind] Don't know.. 0

[blind] Refused..... 0

Q21A. LAY6H Have you been given any indication that you will be recalled to work within the next 6 months?

Yes..... 0

No..... 0 (Skip to Q22)

[blind] Don't know.. 0 (Skip to Q22)

[blind] Refused..... 0 (Skip to Q22)

Q21A-1. LAYAVL Could you have returned to work LAST WEEK if you had been recalled?

Yes ..... 0 (Skip to Q21B)

No ..... 0

[blind] Don't know. 0 (Skip to Q21B)

[blind] Refused ... 0 (Skip to Q21B)

Q21A-2. LAYAVR Why is that?

Own temporary illness.....0

Going to School.....0

Other.(specify).....0

[blind] Don't know.....0

[blind] Refused.....0

Q21B. LAYLK Even though you expect to be called back to work, have you been looking for work during the last 4 weeks?

Yes..... 0

No ..... 0

[blind] Don't know. 0

[blind] Refused.... 0

Q21-DPCK. CHECK ITEM LAYCK1

Previous month's labor force status was "layoff"..(Skip to Q21-DPCK2, update previous month's duration of layoff; Carry forward entry to Q21D from last month. Note: the updating and carrying forward should only be done if the input values are not "D", "R" or "blank")

All others.....(Ask Q21C)

## ON LAYOFF (continued)

- Q22C. 1) How many weeks has ... been looking for work?  
 2) How many weeks ago did ... start looking for work?  
 3) How many weeks ago was ... laid off?

Q22D. Has ... been looking for for full-time or part-time work?  
 Full.....0  
 Part.....0

## LAYOFF (continued) revised 5/23/92

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Q21C. As of the end of LAST WEEK, how long had you been on layoff?  
 LAYDR1 Number -- Weeks ..... 0  
 Months..... 0  
 Years..... 0 LAYDR2

[blind] Don't know.. 0 (Skip to Q21D)  
 [blind] Refused .... 0 (Skip to Q21D)

(Range check - need range check so duration is not greater than 2 years, or 24 months, or 99 weeks.)

Q21C-CK. CHECK ITEM  
 LAYCK2

Entry in Q21C is 1 - 4 months.....(Ask Q21C-1)  
 All others.....(Skip to Q21D)

Q21C-1. We would like to have that in weeks, if possible. Exactly how many weeks had you been on layoff?  
 LAYDR3

Number of weeks --

[blind] Don't know....0 (Ask Q21D)  
 [blind] Refused.....0 (Ask Q21D)

Q21D. Is the job from which you are on layoff a full-time job of 35 hours or more per week?  
 LAYFT

Yes..... 0 (Skip to Q25 (c))  
 No ..... 0 (Skip to Q25 (c))  
 [blind] Don't know.... 0 (Skip to Q25 (c))  
 [blind] Refused..... 0 (Skip to Q25 (c))

Q21-DPCK2. CHECK ITEM  
 LAYCK3

Previous month's industry or occupation code was referred...(Skip to Q25 (c))  
 All others.....(Skip to Q28-CK) Carry forward previous month's I/O)

# LOOKING

Q22. (If LK in Q19, Skip to Q22A)  
Has ... been looking for work during the past 4 weeks?  
Yes.....0  
No.....0 (Go to Q24)

Q22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)

Checked with-  
pub. employ. agency.....0  
pvt. employ. agency.....0  
employer directly.....0  
friends or relatives.....0

Placed or answered ads.....0  
Nothing.....0 (Skip to Q24)  
Other (Specify in notes,  
e.g. JTPA, union or prof.  
register, etc.....0

## LOOKING

revised 1/14/94

Q22. Have you been doing anything to find work during the last 4 weeks?

LK  
Yes.....0 (Skip to Q22A)  
No .....0 (Skip to Q23-CK1)  
Retired ....0 (Skip to Q22-CK2)  
Disabled....0 (Go to Q22-CK1)  
Unable.....0 (Go to Q22-CK1)  
[blind] Don't know..0 (Skip to Q23-CK1)  
[blind] Refused.....0 (Skip to Q23-CK1)

### Q22-CK1. CHECK ITEM

LKCK1 Entry in Q20A-1 or Q20A-2.....(Skip to Q23-CK1)  
Entry in Q22 is Disabled.....(Back to Q20A-1)  
Entry in Q22 is Unable.....(Back to Q20A-2)

### Q22-CK2. CHECK ITEM

LKCK2 Person is 50+ yrs. old.....(Skip to Q27-CK)  
Person is less than 50 yrs. old..(Skip to Q23-CK1)

Q22A. What are all of the things you have done to find work during the last 4 weeks?  
LKMI (Mark ALL methods used; do not read list.  
After each response ask, "Anything else?")

#### ACTIVE.

Contacted:  
employer directly/interview.....0  
public employment agency.....0  
private employment agency.....0  
friends or relatives .....0  
school/university employment ctr.....0  
Sent out resumes/  
filled out applications.....0  
Checked union/professional registers..0  
Placed or answered ads.....0  
Other active.....(specify)..0  
(Skip To Q22B)

#### PASSIVE

Looked at ads.....0  
Attended job training  
programs/courses.....0  
Other passive..(specify).....0  
LKMP51-LKMP56  
(Skip to Q22A-DK1)  
Nothing.....0  
(Skip to Q22A-DK)  
LKMP51 - LKMP56

[blind] Don't know.....0 (Ask Q22A-DK)

[blind] Refused.....0 (Skip to Q23-CK1)

NOTE: Responses of "Don't know" and "Nothing" should only be allowed as the first entry. The skip instruction for "passive" applies only if there is not an "active" method also mentioned.

LOOKING (continued) revised 1/26/94

Q22A-DK. You said you have been trying to find work. How did you go about looking?  
LKDK1

## ACTIVE

Contacted:  
employer directly/interview..... 0  
public employment agency..... 0  
private employment agency..... 0  
friends or relatives ..... 0  
school/university employment ctr..... 0  
  
Sent out resumes/  
filled out applications..... 0  
Checked union/professional registers.. 0  
Placed or answered ads..... 0  
Other active.....(specify).. 0  
(Skip To Q22B)

## PASSIVE

Looked at ads..... 0  
Attended job training  
programs/courses..... 0  
Other passive..(specify)..... 0  
(Skip to Q23-CK1)  
  
Nothing..... 0  
(Skip to Q23-CK1)

[blind] Don't know..... 0 (Skip to Q23-CK1)

[blind] Refused..... 0 (Skip to Q23-CK1)

NOTE: Responses of "Don't know" and "Nothing" should only be allowed as the first entry.

Q22A-DK1. Can you tell me more about what you did to search for work?  
LKPS1

## ACTIVE

Contacted:  
employer directly/interview..... 0  
public employment agency..... 0  
private employment agency..... 0  
friends or relatives ..... 0  
school/university employment ctr..... 0  
  
Sent out resumes/  
filled out applications..... 0  
Checked union/professional registers.. 0  
Placed or answered ads..... 0  
Other active.....(specify).. 0  
(Skip To Q22B)

## PASSIVE

Looked at ads..... 0  
Attended job training  
programs/courses..... 0  
Other passive..(specify)..... 0  
(Skip to Q23-CK1)  
  
Nothing..... 0  
(Skip to Q23-CK1)  
  
No..... 0  
(Skip to Q23-CK1)

[blind] Don't know..... 0 (Skip to Q23-CK1)

[blind] Refused..... 0 (Skip to Q23-CK1)

NOTE: Responses of "Don't know" and "Nothing" should only be allowed as the first entry.

LOOKING (continued)

Q22E. Could ... have taken a job LAST WEEK if one had been offered?

Yes.....0

No.....0 -----> Why not?

Already has a job.....0

Temporary illness.....0

Going to school.....0

Other (Specify in notes)...0

Q22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason?

Lost job.....0

Quit job.....0

Left school.....0

Wanted temporary work.....0

Change in home or family responsibilities.....0

Left military service.....0

Other (Specify in notes)...0

LOOKING (continued)

Q22B. LAST WEEK, could you have started a job if one had been offered?

LKAVL Yes.....0 (Skip to Q22-DPCK)

No .....0 (Ask Q22B-1)

[blind] Don't know. 0 (Skip to Q22-DPCK)

[blind] Refused ... 0 (Skip to Q22-DPCK)

Q22B-1. Why is that?

LKAVR

Waiting for new job to begin..... 0

Own temporary illness..... 0

Going to school..... 0 (Skip to Q24-CK)

LKAVS Other (specify in notes)..... 0 (Skip to Q24-CK)

[blind] Don't know..... 0 (Skip to Q24-CK)

[blind] Refused..... 0 (Skip to Q24-CK)

Q22-DPCK. CHECK ITEM

LKCK3

MIS-2, 3, or 4, and person was unemployed (looking) last month

(Carry over previous month's responses to Q22C-1 and Q22C-2. If previous month's entry to Q22D was "within last 12 months", then update Q22D by comparing previous month's entry to Q22D-1 to the current month and year to determine if it is still "within last 12 months." Carry over previous month's entry to Q22F. Note: updating and carrying over should only be done if the input values of the appropriate items are not "D", "R", or "blank".....(SKIP TO Q22F-CK.)

All others.....(Skip to Q22C-1)

Q22C-1. BEFORE you started looking for work, what were you doing: working, going to school, or something else?

LKLL1

Working ..... 0 (Ask Q22C-2)

School ..... 0 (Skip to Q22D)

Left military service.. 0 (Plug "Quit job" in Q22C-2 and skip to Q22D)

Something else (specify) 0 (Skip to Q22D)

[blind] Don't know ..... 0 (Skip to Q22D)

[blind] Refused ..... 0 (Skip to Q22D)

Q22C-2. Did you lose or quit that job, or was it a temporary job that ended?

LKLL2

Lost job ..... 0

Quit job ..... 0

Temporary job ended.. 0

[blind] Don't know ..... 0

[blind] Refused ..... 0

## LOOKING (continued)

Q22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more?

Within last 12 months (Specify).....0  
(Month):

One to five years ago.....0  
More than 5 years ago.....0  
Never worked full-time 2 wks. or more..0  
Never worked at all.....0

[Skip to Q23. If layoff entered in Q21A, enter job, either full or part time, from which laid off. Else enter last full time job lasting 2 weeks or more, or "never worked."]

- Q22C. 1) How many weeks has ... been looking for work?  
2) How many weeks ago did ... start looking for work?  
3) How many weeks ago was ... laid off?

Q22D. Has ... been looking for for full-time or part-time work?

Full.....0  
Part.....0

## LOOKING (continued) revised 6/23/92

Q22D. (If Q22C-2 has an entry, then fill parenthetical with "that".)  
LKLW When did you last work at (a) job or business?

Within last 12 months..... 0  
More than 12 months ago..... 0 (Skip to Q22E)  
Never worked ..... 0 (Skip to Q22E)  
Don't know ..... 0 (Skip to Q22E)  
[blind] Refused ..... 0 (Skip to Q22E)

Q22D-1. (ASK IF NECESSARY, OTHERWISE VERIFY)  
LKDAT What was the month and year that you last worked?

Month \_\_\_\_\_ Year \_\_\_\_\_  
LKDATH \_\_\_\_\_ LKDATHY \_\_\_\_\_  
[blind] Don't know.....0  
[blind] Refused.....0

(Include range check to accept entry of survey month one year ago.)

Q22E. As of the end of LAST WEEK, how long had you been looking for work?  
LKDURI

Number -- Weeks...0  
Months..0  
Years...0  
[blind] Don't know .....0  
[blind] Refused.....0

LKDUR2

Range check - Entry cannot be greater than 99 weeks or 24 months or 2 years.

Q22E-CK. CHECK ITEM  
LKCK4

Entry in Q22E is 1 - 4 months....(Ask Q22E-1)  
All others.....(Skip to Q22F)

Q22E-1. We would like to have that in weeks, if possible. Exactly how many  
LKDUR3 weeks had you been looking for work?

Number of weeks \_\_\_\_\_ DUR

[blind] Don't know....0  
[blind] Refused.....0

Q22F. Have you been looking for full-time work of 35 hours or more  
LKFT per week?

Yes ..... 0  
No ..... 0  
Doesn't matter. 0  
[blind] Don't know..... 0  
[blind] Refused ..... 0

## L O O K I N G (continued)

## Q22F-CK CHECK ITEM

LKCK5 Q22D is "never worked".....(Skip to Q28-CK)  
 If unemployed last month.....(Go to Q22F-CK2)  
 If employed last month .....(Go to Q22F-CK2)  
 All Others.....(Skip to Q25(d))

## Q22F-CK2. CHECK ITEM

LKCK6  
 Previous month's industry or occupation was referred...(Skip to Q25 (d))  
 All others.....(Carry over previous month's  
 I/O and Skip to Q28-CK.)

## DISCOURAGED WORKERS

Q24C. Does ... want a regular job now, either full- or part-time?

Yes.....0 (Go to Q24D)  
 Maybe - it depends  
 (Specify in notes).....0 (Go to Q24D)  
 No.....0 (Skip to Q24E)  
 Don't know.....0 (Skip to Q24E)

## DISCOURAGED WORKERS

Q23-CK1 CHECK ITEM  
 DWCK1 Q20-2 is "no"..... (Skip to Q28-CK)  
 Q20B-1 is "Waiting for new job to begin.... (Skip to Q27-CK1)  
 Q20-num is "yes" or "maybe"....(Plug Q23 "yes" and skip to Q23-CK4.)  
 All others.....(Ask Q23)

Q23. Do you currently want a job, either full or part time?  
 DWCKT

Yes, or maybe, it depends ..0 (Skip to Q23-CK4)  
 No .....0 (Skip to Q24-CK)  
 Retired.....0 (Skip to Q23-CK3)  
 Disabled.....0 (Skip to Q23-CK2)  
 Unable.....0 (Skip to Q23-CK2)  
 [blind] Don't know.....0 (Skip to Q24-CK)  
 [blind] Refused.....0 (Skip to Q24-CK)

Q23-CK2. CHECK ITEM  
 DWCK2 Entry in Q20A-1 or Q20A-2....(Skip to Q24-CK)  
 Entry in Q23 is Disabled.....(Back to Q20A-1)  
 Entry in Q23 is Unable.....(Back to Q20A-2)  
 All others.....(Skip to Q23-CK4)

Q23-CK3. CHECK ITEM  
 DWCK3 Person is 50+..... (Skip to Q27-CK)  
 Person is less than 50.. (Skip to Q23-CK4)

Q23-CK4. CHECK ITEM  
 DWCK4 (Q22A-dk is only "Looked at ads," "Attended job training," and/or "Other passive) OR (Q22A-dk1 is only "Looked at ads," "Attended job training," and/or "Other passive") or (Q22A is "looked at ads," attended job training" and/or "other passive").....(Skip to Q23B-CK)  
 All others.....(Ask Q23A)

## DISCOURAGED WORKERS (continued)

Q24D. What are the reasons ... is not looking for work?  
(Mark each reason mentioned)

Believes no work available in  
line of work or area.....0  
Couldn't find any work.....0  
Lack's need schooling, training  
skills or experience.....0  
Employers think too young or  
too old.....0  
Other pers. handicap in finding job.....0  
Can't arrange child care.....0  
Family responsibilities.....0  
In school or other training.....0  
Ill health, physical disability.....0  
Other (Specify in notes).....0  
Don't know.....0

## DISCOURAGED WORKERS (continued) revised 3/10/92

Q23A. What is the main reason you were not looking for work during  
DWRSN the LAST 4 WEEKS?  
(Do not read list.)  
Believes no work available in  
line of work or area.....0  
Couldn't find any work.....0  
Lacks necessary schooling, training, skills  
or experience..0  
Employers think too young or too old.....0  
Other types of discrimination.....0  
Child care problems.....0  
Family responsibilities.....0  
In school or other training.....0  
Ill-health, physical disability.....0  
Transportation problems.....0  
Other.....0 (specify).....0  
[blind] Don't know.....0  
[blind] Refused.....0

## Q23B-CK. CHECK ITEM

DWCK5

Q22 is "yes".....(Plug Q23B "yes" and Skip to Q23B-1)  
All others.....(Ask Q23B)

Q23B. Did you look for work at any time during the last 12 months?  
DWLK

Yes.....0  
No .....0 (Skip to Q24-CK)  
[blind] Can't know ...0 (Skip to Q24-CK)  
[blind] Refused .....0 (Skip to Q24-CK)

Q23B-1. Did you actually WORK at a job or business during the last  
DWK 12 months?

Yes.....0  
No .....0 (Skip to Q23C)  
[blind] Don't know....0 (Skip to Q23C)  
[blind] Refused .....0 (Skip to Q23C)

Q23B-2. Did you do any of this work during the last 4 weeks?

DW4WK

Yes .....0 (Skip to Q24-CK)  
No .....0  
[blind] Don't know ...0  
[blind] Refused .....0

## DISCOURAGED WORKERS (continued)

Q23B-3. And since you LEFT that job or business have you looked for work?  
DVLKMK

Yes..... 0  
No ..... 0 (Skip to Q24-CK)  
[blind] Don't know.... 0 (Skip to Q24-CK)  
[blind] Refused ..... 0 (Skip to Q24-CK)

Q23C. LAST WEEK, could you have started a job if one had been offered?  
DMAVL

Yes..... 0 (Skip to Q24-CK)  
No ..... 0  
[blind] Don't know.... 0 (Skip to Q24-CK)  
[blind] Refused ..... 0 (Skip to Q24-CK)

Q23C-1. Why is that?

DMAVR  
Own temporary illness..... 0  
Going to school..... 0  
Other (specify in notes)... 0  
[blind] Don't know..... 0  
[blind] Refused..... 0

## JOB HISTORY

revised 1/27/94

## JOB HISTORY

Q24A. When did ... last work for pay at a regular job or business, either full- or part-time?

Within past 12 months.....0 (Go to Q24B)  
 1 up to 2 years ago.....0 (Go to Q24B)  
 2 up to 3 years ago.....0 (Go to Q24B)  
 3 up to 4 years ago.....0 (Go to Q24B)  
 4 up to 5 years ago.....0 (Go to Q24B)  
 5 or more years ago.....0 (Skip to Q24C)  
 Never worked.....0 (Skip to Q24C)

Q24B. Why did ... leave that job?

Personal, family (Incl. pregnancy) or school.....0  
 Health.....0  
 Retirement or old age.....0  
 Seasonal job completed.....0  
 Slack work or business conditions.....0  
 Temporary nonseasonal job completed.....0  
 Unsatisfactory work arrangements (Hours, pay, etc.)..0  
 Other.....0

Q24-CK. CHECK ITEM  
 JHCK1 If Q20-num is "yes", "D" or "R"... (Skip to Q27-CK)  
 Outgoing Rotation ..... (Go to Q24-CK1)  
 All Other Rotations..... (Skip to Q27-CK1)

Q24-CK1. CHECK ITEM  
 JHCK2 Q23B-1 is Yes..... (Plug Q24A "yes". If previous month's labor force status was unemployed or "on layoff", plug Q24-DEP with value in Q23B-2 and skip to Q24B; otherwise, skip to Q24B.)  
 Q23B-1 is no, D, or R.... (Plug Q24A "no", "D" or "R" - Skip to Q24C)  
 All others..... (Ask Q24A)

Q24A. Have you worked at a job or business at any time during the past 12 months?

Yes ..... 0  
 No ..... 0 (Skip to Q24C)  
 [blind] Don't know .. 0 (Skip to Q24C)  
 [blind] Refused ..... 0 (Skip to Q24C)

Q24-DPCK. CHECK ITEM  
 JHCK3 Previous month's labor force status was unemployed (lookers or layoff)..... (Ask Q24-DEP)  
 All others..... (Skip to Q24B)

Q24-DEP. Did you do any of this work during the last 4 weeks?

JHDP1 Yes.....0  
 No.....0  
 Don't know....0  
 Refused.....0

Q24B. What is the main reason you left your last job?

JHRSN Personal, family, (incl. pregnancy).....0  
 Return to school.....0  
 Health.....0  
 Retirement or old age.....0  
 Temporary, seasonal or intermittent job completed.....0  
 Slack work or business conditions.....0  
 Unsatisfactory work arrangements (hours, pay, etc.).....0  
 JHRSR Other (Specify).....0  
 [blind] Don't Know.....0  
 [blind] Refused.....0

JOB HISTORY (continued)

Q24E. Does ... intend to look for work of any kind in the next 12 months?

Yes.....0  
It depends (Specify in notes).....0  
No.....0  
Don't know.....0

[If entry in Q24B, describe job in Q23, otherwise, skip to Q26.]

JOB HISTORY (continued) Revised 1/26/93

Q24C. Do you intend to look for work during the next 12 months?

JHMANT Yes, or it depends.....0  
No.....0  
[blind] Don't know.....0  
[blind] Refused.....0

Q24C-CK. CHECK ITEM

JHCK4

Q24-DEP is "no", D or R .....(Go to Q24C-CK2)  
Q24-DEP is "yes".....(Skip to Q25 (d))  
If employed last month and Entry in Q24B... (Skip to Q24C-CK2)  
Entry in Q24B.....(Skip to Q25 (d))  
All others.....(Skip to Q27-CK1)

Q24C-CK2. CHECK ITEM

JHCK5

If previous month's I/O was referred....(Skip to Q25 (d))  
All others.....(Skip to Q25E-CK and carryover I/O from previous month)

## INDUSTRY/OCCUPATION (DEPENDENT) 1/27/93

## Q25-CK CHECK ITEM

IOCK1

((MIS = 1 or 5) or (MIS=2, 3, 4, 6, 7 or 8 and previous month's labor force status was unempl. layoff or MILF)) AND Q208-a is "yes"....(Skip to Q25(b))  
 (MIS = 1 or 5) OR (MIS=2,3,4,6,7, or 8 and prev.mo. labor force status was MILF or unempl. AND ((Q20=yes) OR (Q20I-CK2=conditions 1,2,3, or blank))).....(Skip to Q25(a))  
 I-company name is R or D or I-name is blank.....(Skip to Q25(a))  
 All others.....(Ask Q25DEP-1)

(Fill third parenthetical if Q20C=1.)

Q25DEP-1. Last month, it was reported that you worked for (I-company name).  
 IOOP1 Do you still work for (I-company name) (at your main job)?

Yes.....0 (Go to Q25DEP-CK)  
 No.....0 (Skip to Q25-1)  
 Don't know..0 (Skip to Q25-1)  
 Refused.....0 (Skip to Q25-1)

## Q25DEP-CK. CHECK ITEM

IOCK2

If Industry was referred last month.....(Skip to Q25B-1)  
 If Occupation was referred last month... (Skip to Q25C)  
 All others.....(Ask Q25DEP-2)

Q25DEP-2. Have the usual activities and duties of your job changed since last month?  
 IOOP2

Yes.....0 (Skip to Q25C)  
 No.....0  
 Don't know..0  
 Refused.....0

## Q25-DPCK1. CHECK ITEM

IOCK3

If (I-OCC is D, R, or blank) OR (If I-DT1 is D, R or blank)....  
 (Go to Q25C)  
 All others.....(Ask Q25-DEP3)

Q25DEP-3. Last month you were reported as (I-occupation) and your usual activities were (I-duty). Is this an accurate description of your current job?  
 IOOP3

Yes.....0 (Skip to Q25E-CK)  
 No.....0 (Skip to Q25C)  
 Don't know.....0 (Skip to Q25E-CK)  
 Refused.....0 (Skip to Q25E-CK)

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 INDUSTRY AND OCCUPATION (Independent)
 

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Q23E. Was this person:

An employee of a PRIVATE CO.,  
bus., or individual  
for wages, salary or comm.....P ...0 (Go to Q23F)

A FEDERAL gov't employee.....F ...0 (Go to Q23F)

A STATE gov't employee.....S ...0 (Go to Q23F)

A LOCAL gov't employee.....L ...0 (Go to Q23F)

Self-empl. in OWN bus., prof.  
practice, or farm

Is the business incorporated?

Yes.....I ...0 (Skip to Q26)

No.....SE ...0 (Skip to Q26)

Working WITHOUT PAY in  
fam. bus. or farm.....WP ...0 (Skip to Q26)

NEVER WORKED .....NEV ...0 (Skip to Q26)

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 INDUSTRY/OCCUPATION (Independent) (Revised 2/11/92)
 

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Q25. Now I have a few questions about the (main) job -

101INT (a) (at which you worked LAST WEEK.)

(b) (from which you were absent LAST WEEK.)

(c) (from which you are on layoff.)

(d) (at which you last worked.)

(If Q25DEP-1 is "no", D or R then fill "LAST WEEK, was" in first  
parenthetical.)

(If Q19A is "yes", then fill second parenthetical. Corresponding  
response option should only be displayed if Q19A = yes)

Q25-1. (Was) ... employed by government, by a private  
101INT company, a non-profit organization, or was ... self employed (or  
working in a family business)?

Government.....0 (Ask Q25-2)  
Private for profit company.....0 (Skip to Q25A-1)

Non-profit organization incl. tax exempt  
and charitable organizations.....0 (Skip to Q25A-1)

Self employed.....0 (Skip to Q25-3)

Working in family business.....0 (Skip to Q25-3)

[blind] Don't know.....0 (Skip to Q25A-1)

[blind] Refused.....0 (Skip to Q25A-1)

Q25-2. Would that be the federal, state, or local government?

101GVT Federal.....0 (Skip to Q25A-2)

State.....0 (Skip to Q25A-2)

Local (county, city, township).....0 (Skip to Q25A-2)

[blind] Don't know.....0 (Skip to Q25A-2)

[blind] Refused.....0 (Skip to Q25A-2)

(If Q25 (c) or Q25 (d) lead-in was used fill "Was" in parenthetical.  
(Is) this business incorporated?

Q25-3. Yes.....0 (Skip to Q25A-3)

101INC No.....0

[blind] Don't know..0

[blind] Refused.....0

## INDUSTRY AND OCCUPATION (Independent--continued)

Q23A. For whom did ... work? (Name of company, business, organization or other employer.)

## INDUSTRY/OCCUPATION (Independent - continued) Rev. 2/11/92

## Q25-3CK. CHECK ITEM

LOCK4 (If Q20-2 is "no", D or R) AND Q20I-1 is 15+... (Plug "no" in Q25-4 and Skip to Q25A-3)  
 If Q19A-list not equal to L\_no AND Q20-2 is "yes"... (Skip to Q25A-3, Plug "yes" in Q25-4)  
 If Q19A-list not equal to L\_no, ask Q25-4)  
 Otherwise, skip to Q25A-3)

Q25-4. Was ... working for pay?

101WP

Yes.....0 (Skip to Q25A-3)

No.....0 (Skip to Q25A-3)

[blind] Don't know....0 (Skip to Q25A-3)

[blind] Refused.....0 (Skip to Q25A-3)

(If Q25-1 is "non-profit organization", then fill second parenthetical, otherwise, fill first parenthetical.)  
 (If Q25 (c) or Q25 (d) lead-in was used, then fill "worked" in third parenthetical.)  
 (If Q20C is "yes" fill "at your/his/her Main job" in fourth parenthetical.)

Q25A-1. What is the name of the (company) (non-profit organization) for which ... (works) (at your/his/her Main job)?  
 101NMP (name of company, business, organization or other employer) (Skip to Q25B-1)

[blind] Don't know ....0 (Skip to Q25B-1)

[blind] Refused.....0 (Skip to Q25B-1)

(If Q25 (c) or Q25 (d) lead-in was used, then fill "worked" in first parenthetical.)  
 (If Q20C is "yes" fill "at your/his/her Main job" in second parenthetical.)

Q25A-2. What is the name of the government agency for which ... (works)  
 101NMG (at your/his/her MAIN job?) (Skip to Q25B-1)

[blind] Don't know.....0 (Skip to Q25B-1)

[blind] Refused.....0 (Skip to Q25B-1)

(If Q19-LIST does not equal L no, then display alternative question.)  
 (If Q25 (c) or Q25 (d) lead-in was used, then fill "worked" in second parenthetical.)

Q25A-3. What is the name of ...'s business? (What is the name of the 101NMB business for which ... (works)?

[blind] Don't know.....0

[blind] Refused.....0

INDUSTRY AND OCCUPATION (Independent--continued)

Q23B. What kind of business or industry is this?  
(For example: TV and radio mfg., retail shoe store,  
State Labor Dept.)

Q23C. What kind of work was ... doing? (For example:  
Electrical engineer, stock clerk, typist, farmer.)

Q23D. What were ...'s most important activities or duties at  
this job? (For example: types, keeps account books,  
files, sells cars, operates printing press, finishes  
concrete.)

INDUSTRY / OCCUPATION (Independent - continued) (1/13/94)

(If Q25 (c) or Q25 (d) lead-in was used, then fill "worked" in second  
parenthetical).

Q25B-1. What kind of business or industry is this?  
1011NO READ IF NECESSARY: (What do they make or do where you (work)?)  
(Ask Q25B-2)

[blind] Don't know 0 (Skip to Q25C)  
[blind] Refused 0 (Skip to Q25C)

Q25B-2. (ASK IF NECESSARY)  
101MFG Is this business or organization mainly manufacturing,  
retail trade, wholesale trade, or something else?

Manufacturing 0  
Retail Trade 0  
Wholesale Trade 0  
Something else 0  
[blind] Don't know 0  
[blind] Refused 0

(If Q25 (c) or Q25 (d) lead-in was used fill "did" in first  
parenthetical)

Q25C. (If Q25 (c) or Q25 (d) lead-in was used fill "was" in second  
parenthetical)  
1010CC What kind of work (do) you do, that is, what (is) your occupation?  
(For example: plumber, typist, farmer)

[blind] Don't know 0  
[blind] Refused 0

(If Q25 (c) or Q25 (d) lead-in was used fill "were" in first  
parenthetical)

Q25D. What (are) your usual activities or duties at this job?  
101DT (For example: typing, keeping account books, filing, selling cars,  
operating printing press, laying brick)

[blind] Don't know 0  
[blind] Refused 0

101DT1  
101DT2

## INDUSTRY/OCCUPATION (Second Job) revis. 1/26/94

## Q25E-CK. CHECK ITEM

IOCK5

Entry in Q20C="yes" AND [(Q25-3 is "no") OR ((25-DEP-1 or I-NAM is D,  
R, or blank) and I-COW=7 or 8)]..... (Skip to Q25F)  
Entry in Q20C..... (Skip to Q25E-CK2)  
Entry in Q20-1 is "yes"..... (Skip to Q25Q-CK)  
Entry in Q24B is "retired"..... (END QUESTIONS)  
Entry in Q24B is "not retired"..... (Skip to Q27-CK1)  
Entry in Q27-1..... (END QUESTIONS)  
Entry in Q21A-2 is "school/other", D or R... (Skip to Q27B)  
All others..... (Skip to Q28-CK)

## Q25E-CK2. CHECK ITEM

IOCK6

Q20C is "Yes" and HIS-CK = 4 or 8..(Skip to Q25F)  
All others.....(Skip to Q25Q-CK)

(If Q20D is "3" or "4+", then display parenthetical.)

Q25-F. Now I have a few questions about your second job.

IOPRO1 (READ IF NECESSARY: By second job I mean the one that you work  
the second most hours.)

Enter <P> to proceed \_

(If Q19A is "yes", then fill parenthetical. Corresponding  
response option should only be displayed if Q19A = yes)  
Q25-G. LAST WEEK at ...'s second job, was ... employed by government,  
IO2INT by a private company, a non-profit organization, or was ... self  
employed (or working in a family business)?

Government.....0 (Ask Q25-H)  
Private for profit company.....0 (Skip to Q25-K-CK)  
Non-profit organization incl. tax exempt  
and charitable organizations.....0 (Skip to Q25-K-CK)  
Self employed.....0 (Skip to Q25-I)  
Working in family business.....0 (Skip to Q25-I)  
[blind] Don't know.....Q (Skip to Q25-K-CK)  
[blind] Refused.....0 (Skip to Q25-K-CK)

Q25-H. Would that be the federal, state or local government?

IO2GVT

Federal.....0 (Skip  
State.....0 to  
Local (county, city, township).....0 Q25-K-CK)  
[blind] Don't know.....0 (Skip to Q25-K-CK)  
[blind] Refused.....0 (Skip to Q25-K-CK)

## INDUSTRY/OCCUPATION (Second Job - continued)

Q25-I. Is this business incorporated?

IO2INC

Yes.....0

No.....0

[blind] Don't know..0

[blind] Refused.....0

Q25-I-CK1. CHECK ITEM

IOCK7

(MIS-4 or 8) and Q25-I is "yes".....(Skip to Q25-M)

(MIS-4 or 8) and Q25-I is "no" "D" or "R"....(Go to Q25-I-CK2)

All others.....(Skip to Q25Q-CK)

Q25-I-CK2. CHECK ITEM

IOCK7A

If Q19A-list not equal to L\_no, ask Q25-J)

Otherwise, skip to Q25-M)

Q25-J. Was ... working for pay?

IO2WP

Yes.....0 (Skip to Q25-M)

No.....0 (Skip to Q25-M)

[blind] Don't know...0 (Skip to Q25-M)

[blind] Refused.....0 (Skip to Q25-M)

Q25-K-CK. CHECK ITEM

IOCK8

(MIS-4 or 8) and Q25G is "government"..... (Skip to Q25-L)

(MIS-4 or 8) and Q25G is "private", "non-profit",

DK or Refusal.....(Go to Q25-K)

All others.....(Skip to Q25Q-CK)

(If Q25G is "non-profit organization," then fill second  
parenthetical, otherwise fill first parenthetical.)Q25-K. What is the name of the (company) (non-profit organization) for which  
IO2NMP ... works at (his/her/your) SECOND job?

(name of company, business, organization or other employer)

(Skip to Q25-N)

[blind] Don't know ....0 (Skip to Q25-N)

[blind] Refused.....0 (Skip to Q25-N)

Q25-L. What is the name of the government agency for which ... works  
IO2NHG at (his/her/your) SECOND job?

(Skip to Q25-N)

[blind] Don't know.....0 (Skip to Q25-N)

[blind] Refused.....0 (Skip to Q25-N)

## INDUSTRY/OCCUPATION (Second job - continued) (1/13/94)

(If Q19-LIST does not equal 1 no, then display alternative question.)  
 Q25-M. What is the name of ...'s business? (What is the name of the IO2NMB  
 IO2NMB business for which ... works?)

[blind] Don't know....0  
 [blind] Refused.....0

Q25-M. What kind of business or industry is this?  
 IO2IND  
 READ IF NECESSARY: (What do they make or do where you work?) (Ask Q25-O)

[blind] Don't know ..0 (Skip to Q25P)  
 [blind] Refused .....0 (Skip to Q25P)

Q25-O. (ASK IF NECESSARY)  
 IO2MFG Is this business or organization mainly manufacturing, retail  
 trade, wholesale trade, or something else?

Manufacturing 0  
 Retail Trade 0  
 Wholesale Trade 0  
 Something else 0  
 [blind] Don't know 0  
 [blind] Refused 0

Q25-P. What kind of work do you do at your SECOND job, that is, what  
 IO2OCC is your occupation? (For example: plumber, typist, farmer.)

[blind] Don't know 0  
 [blind] Refused 0

Q25-Q. What are your usual activities or duties at this job?  
 IO2DT (For example: typing, keeping account books, filing, selling cars,  
 operating printing press, finishing concrete.)

IO2DT1  
 IO2DT2 (Skip to Q25Q-CK)

[blind] Don't know 0 (Skip to Q25Q-CK)  
 [blind] Refused 0 (Skip to Q25Q-CK)

---

**INDUSTRY / OCCUPATION (continued)**


---

**Q25Q-CK CHECK ITEM**

Line number of current person equals  
 line number of current household respondent....(Skip to Q26-CK)  
 All others.....(Go to Q25Q-CK1)

---

**Q25Q-CK1 CHECK ITEM****IOCK10 \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\***

Did ... provide any of the industry and occupation information you  
 just collected?

Yes....0 (Skip to Q26-CK)  
 No.....0 (Go to Q25Q-CK2)

---

**Q25Q-CK2 CHECK ITEM****IOCK11 \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\***

Did anyone other than (fill household respondent's name) provide any  
 of the industry and occupation information you just collected?

Yes...0 (Go to Q25Q-CK3)  
 No....0 (Skip to Q26-CK)

---

**Q25Q-CK3 CHECK ITEM****IOCK12 \*\*\*\*\*DO NOT READ TO RESPONDENT\*\*\*\*\***

Who was that?

(Display household roster so person name and line number appears)

Enter line number \_ \_

---

## EARNINGS

## EARNINGS

revised 12/1/92

Q26-CK. CHECK ITEM  
 ERNCK Outgoing rotation and Q20-1 is "yes".....(Go to Q28-CK)  
 Outgoing Rotation and ((Entry in Q20C and Q25-3 is "no") OR  
 (Q25DEP-1-1 and previous month's COW was 7 or 8))...(Skip to Q28-CK)  
 Outgoing Rotation..... (Go To Q26)  
 All other Rotations..... (Skip to Q28-CK)

Q26. This month I have a few questions about earnings.  
 ERNP

(If Q20C is "yes", then fill parenthetical.)

Q26A. For your (MAIN) job, what is the easiest way for you to report your  
 ERNPR total earnings BEFORE taxes or other deductions: hourly, weekly,  
 annually, or on some other basis?

(READ IF NECESSARY: We use this information to compare the amount  
 that people earn in different types of jobs.)

Hourly.....0

Weekly .....0

Bi-weekly.....0

Twice monthly....0

Monthly .....0

Annually.....0

ERNPRS Other (specify)..0

[blind] Don't know .....0

[blind] Refused.....0 (Skip to Q26I)

(If Q20C is "yes", fill parenthetical.)

Q26B. Do you usually receive overtime pay, tips, or commissions  
 ERNUOT (at your MAIN job)?

Yes ..... 0

No ..... 0

[blind] Don't know.. 0

[blind] Refused..... 0

EARNINGS (continued)

Q25C. How much does ... earn per hour?

34

E A R N I N G S (continued) revised 2/26/93

Q26B-CK2 CHECK ITEM

ERNCK2

Q26A is hourly.....(Ask Q26C)  
 Q26A is weekly, other or DK.....(Skip to Q26D-2)  
 Q26A is biweekly.....(Skip to Q26D-5)  
 Q26A is monthly or twice monthly.....(Skip to Q26D-3)  
 Q26A is annually .....(Skip to Q26D-4)

(If Q26B is "yes", then fill first parenthetical.)  
 (If Q26C is "yes", then fill second parenthetical with "your MAIN".)

Q26C. (EXCLUDING overtime pay, tips and commissions) What is your hourly rate of pay on (this) job?

ERNHRT

Enter dollar amount--> ..... (Skip to Q26C-1)

[blind] Don't know 0 (Skip to Q26C-DK)  
 [blind] Refused 0 (Skip to Q26I)  
 Range check \$1.00 to 30.00 (If fails range edit, go to Q26C-RNG)

Q26C-DK. What is your best estimate of your hourly rate of pay?

ERNHRE

Enter Dollar amount--> ..... (Skip to Q26C-1)

[blind] Don't know 0 (Skip to Q26I)  
 [blind] Refused 0 (Skip to Q26I)  
 Range check \$1.00 to 30.00 (If fails range edit, go to Q26C-RNG)

Q26C-RNG RANGE CHECK

ERNRG1 (If Q26C-DK has entry then fill parenthetical with Q26C-DK.  
 Otherwise, fill with Q26C.)

\*\*\*DO NOT READ\*\*\*

Hourly earnings recorded as: (fill Q26C) hourly  
 IS THIS ENTRY CORRECT?

Yes....(Go to Q26C-1)  
 No....(Go to Q26C-RNG2)

## EARNINGS (continued)

Q25A. How many hours per week does ... USUALLY work at this job?

## E A R N I N G S (continued) revised 12/1/92

Q26C-RNG2. CHECK ITEM  
ERNHCO (If Q26C-DK has entry then fill parenthetical with Q26C-DK.)

Otherwise fill with Q26C.)  
\*\*\*DO NOT READ\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (Fill Q26C) hourly

CORRECT ENTRY IS:  
--->[H] \$ \_ \_ . \_ \_

Q26C-1. How many hours do you usually work per week at this rate?  
ERNHR

Enter number of hours \_ \_ (Go to Q26C-CK)

[blind] Don't know....0 (Go to Q26C-1CK)  
[blind] Refused.....0 (Go to Q26C-1CK)

(Range check 01-99)

Q26C-1CK. CHECK ITEM  
ERNCK4 If Q20E-a is D, V, or R ..... (Skip to Q26D-2)  
All others..... (Plug Q26C-1 with Q20E-a and  
Skip to Q26C-CK)

Q26C-CK. CHECK ITEM  
ERNCK5 Q26B is "yes"... (Ask Q26D-1)  
All others..... (Skip to Q26D-1VER)

Q26D-1. (If Q20C is "yes", fill parenthetical.)  
ERNOTA

(At your MAIN job,) How much do you usually receive JUST in overtime  
pay, tips or commissions, before taxes or other deductions?

Enter Dollar amount---> \_ \_ \_ \_ per hour....0 (Skip to Q26D-1a)  
per day.....0 (Skip to Q26D-1DK)  
per week....0 (Skip to Q26D-1VER)  
per month...0 (Skip to Q26D-1VER)  
per year....0 (Skip to Q26D-1VER)  
Other.....0 (Skip to Q26D-1DK)

[blind] Don't know 0 (Skip to Q26D-1DK)  
[blind] Refused 0 (Skip to Q26I)

(Range Edit If entry is per hour - \$1 to \$30;  
If entry is per day - \$1 to \$240;  
If entry is per week - \$1 to \$1,500;  
If entry is per month - \$1 to \$6,000;  
If entry is per year - \$1 to \$72,000)  
(If fails range edit, skip to Q26D-1-RNG)

## E A R N I N G S (continued) revised 12/1/92

Q26D-1DK. What is your best estimate of how much you usually earn WEEKLY,  
 ERNOTE JUST in overtime pay, tips, or commissions, before taxes or other  
 deductions?

Enter Dollar amount---> \_ \_ \_ \_ (Skip to Q26D-1VER)

[blind] Don't know 0 (Skip to Q26I)  
 [blind] Refused 0 (Skip to Q26I)

Range Edit (\$ 1 to 1500) (If fails range edit, go to Q26D-1-RNG)

Q26D-1-RNG RANGE CHECK  
 ERNRG2 (If Q26D-1DK has entry, then fill first parenthetical with  
 "weekly" and second parenthetical with Q26D-1DK.)  
 (Otherwise, fill first parenthetical with periodicity specified in  
 Q26D-1 and second parenthetical with amount specified in Q26D-1.)

\*\*\*DO NOT READ\*\*\*

Usual (Weekly) earnings in overtime pay, tips or commissions recorded  
 as: (fill Q26D-1 or Q26D-1DK)  
 IS THIS ENTRY CORRECT?

Yes....(Go to Q26D-1ACK)  
 No.....(Go to Q26D-1RNG2)

Q26D-1RNG2. CHECK ITEM  
 ERNOCO (If Q26D-1DK has entry, then fill parenthetical with Q26D-1DK.  
 Otherwise fill with Q26D-1.)

\*\*\*DO NOT READ\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL Q26D-1)

CORRECT ENTRY IS:

--->[N] \$ \_ \_ \_ \_

Q26D-1ACK. CHECK ITEM  
 ERNCK7

Entry in Q26D-1 is "per hour".....(Ask Q26D-1a)  
 All others.....(Skip to Q26D-1VER)

## E A R N I N G S (continued) revised 12/1/92

Q26D-1a. How many hours do you usually work per week at this rate?

ERNOH

Enter number of hours \_\_ (Skip to Q26D-1VER)

[blind] Don't know.....0 (Ask Q26D-1b)

[blind] Refused.....0 (Skip to Q26I)

Q26D-1b. What is your best estimate of the number of hours per week you usually work at this rate?

ERNOHE

Enter number of hours \_\_ (Ask Q26D-1VER)

[blind] Don't know.....0 (Skip to Q26I)

[blind] Refused.....0 (Skip to Q26I)

Q26D-1VER. Calculate weekly earnings variable (HMKRN) by (multiplying entry in Q26C-1 by entry in Q26C or Q26C-DK) and adding in the entry to Q26D-1 or Q26D-1DK).

ERNVR1

NOTE: Conversion to "weekly" estimates are necessary for different periodicities in Q26D-1, Q26D-1DK. Also, for persons responding as "per hour", the entry must be multiplied by Q26D-1a or Q26D-1b. The entry of "per month" should be divided by "4" and the entry of "per year" should be divided by "52".

(Fill parenthetical if Q20C-1.)

I have estimated your usual WEEKLY earnings (for your main job) as \$ HMKRN before taxes or other deductions. Does that sound correct?

Yes.....0 (Skip to Q26I)

No.....0 (Go to Q26D-1VER2)

[blind] Don't know.....0 (Ask Q26D-1VER2)

[blind] Refused.....0 (Skip to Q26I)

## EARNINGS (continued) revised 12/1/92

Q26D-1VER2. In "3." below fill second parenthetical with periodicity specified  
ERNVR2 in Q26D-1 or Q26D-1DK.

I have recorded:

1. (Fill Q26C or Q26C-DK ) as your hourly rate of pay.
2. (Fill Q26C-1) as the number of hours you usually worked at this rate.
3. (Fill Q26D-1 or Q26D-1DK) as the amount you usually earned (weekly) in overtime pay, tips and commissions.
4. (Fill Q26D-1a or Q26D-1b) as the number of hours per week you usually work at this rate.

a. Which piece of information does not seem to be correct?

DO NOT READ: Enter number corresponding to line requiring correction

All information is correct. (Enter "P" to proceed)

--->

[blind] Don't know.....

[blind] Refused.....(Skip to Q26I)

(If "1." then display: "What is your hourly rate of pay on this job, excluding overtime pay, tips or commissions?")

(If "2." then display: "How many hours do you usually work per week at the rate of (fill Q26C) ?")

(If "3." then display: "How much do you usually earn WEEKLY just in overtime pay, tips or commissions?")

(If "4." then display: "How many hours do you usually work per week at the rate of (fill Q26D-1)?")

(If "P" or "DK" then display: Then, (including overtime pay, tips and commissions,) what are your usual WEEKLY earnings on (this) job, before taxes or other deductions?

Correct entry is \_ \_ \_ \_ ERNWK1

[blind] Don't know.....(Skip to Q26I)

[blind] Refused.....(Skip to Q26I)

NOTE: Allow any of the four pieces to be corrected.

New entry should not overwrite original entry. Store new entry with different variable name. Recalculate weekly earnings (but do not overwrite original weekly earnings) as HWKRN2

## EARNINGS (continued)

Q25D. How much does ... USUALLY earn per week at this job  
BEFORE deductions? Include any overtime pay,  
commissions, or tips usually received.

## E A R N I N G S (continued) revised 1/26/94

Q26D-1VER3.  
ERNVR3

(Fill parenthetical if Q20C-1.)

I have estimated your total WEEKLY earnings (for your main job) as  
\$ (Fill HWKRN2) WEEKLY before taxes or other deductions. Does that  
sound correct?

Yes.....0 (Skip to Q26I)  
No (Irreconcilable difference)...0 (Skip to Q26I)

Q26D-2. (If Q26B is "yes", then fill first parenthetical.)  
ERNVK (If Q20C is "yes", then fill second parenthetical with "your MAIN".)

(Including overtime pay, tips and commissions) What are your usual  
weekly earnings on (this) job, before taxes or other deductions?

Enter Dollar amount--> \_ \_ \_ \_ (Skip to Q26D-2VER)

(blind) Don't know 0 (Skip to Q26D-2DK)  
(blind) Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 1500) (If fails range edit, skip to Q26D-2RNG)

Q26D-2DK. What is your best estimate of your usual weekly earnings before  
ERNDKP taxes or other deductions?

Enter Dollar amount--> \_ \_ \_ \_ (Skip to Q26D-2VER)

(blind) Don't know 0 (Skip to Q26G)  
(blind) Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 1500) (If fails range edit, skip to Q26D-2RNG)

Q26D-2RNG RANGE CHECK  
ERNRG3 (If Q26D-2DK has entry then fill parenthetical with Q26D-2DK.  
Otherwise, fill with Q26D-2.)

\*\*\*DO NOT READ\*\*\*  
Weekly earnings recorded as: (fill Q26D-2) weekly  
IS THIS ENTRY CORRECT?

Yes....(Go to Q26D-2VER)  
No.....(Go to Q26D-2RNG2)

## E A R N I N G S (continued) revised 12/1/92

## Q26D-2RNG2. CHECK ITEM

ERNRGP (If Q26D-2DK has entry then fill parenthetical with Q26D-2DK.  
Otherwise fill with Q26D-2.)

\*\*\*DO NOT READ\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL Q26D-2) weekly

CORRECT ENTRY IS:

--->[N] \$ \_ \_ \_ \_

## Q26D-2VER. (Fill parenthetical if Q20C-1)

ERNVR4

I have recorded your total earnings (for your main job) as  
\$ (fill Q26D-2 or Q26D-2DK) WEEKLY before taxes or other deductions.  
Is that correct?

Yes.....0 (Skip to Q26D-2VER-CK)

No.....0 (Go to Q26D-2VER2)

[blind] Don't know.....0 (Skip to Q26D-2VER-CK)

[blind] Refused.....0 (Skip to Q26D-2VER-CK)

## Q26D-2VER-CK. CHECK ITEM

ERNCK9

Q26A is "hourly".....(Skip to Q26I)

All others.....(Skip to Q26G)

## Q26D-2VER2.

ERNCOR

(If Q26B is "yes", then fill first parenthetical.)

(Fill second parenthetical if Q20C-1)

(INCLUDING overtime pay, tips and commissions) What are your usual  
weekly earnings on (this) job, before taxes or other deductions?

Enter Dollar amount---> \_ \_ \_ \_ (Do range check)  
(Go to Q26D-2VER2-CK2)

[blind] Don't know.....0 (Skip to Q26G)

[blind] Refused.....0 (Skip to Q26G)

## Q26D-2VER2-CK2 CHECK ITEM

ERNCKA

Q26A is "hourly".....(Skip to Q26I)

All others.....(Skip to Q26G)

## E A R N I N G S (continued) revised 1/26/94

Q26D-3. (If Q26B is "yes", then fill first parenthetical)  
 ERNMOM (If Q20C is "yes", then fill second parenthetical with "your MAIN".)

(Including overtime pay, tips and commissions,) What are your usual monthly earnings on (this) job, before taxes or other deductions?

Enter Dollar amount---> \_\_\_\_\_ (Skip to Q26D-3VER)

[blind] Don't know 0 (Skip to Q26D-3DK)  
 [blind] Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 6000) (If fails range edit, skip to Q26D-3RNG)

Q26D-3DK. What is your best estimate of your usual monthly earnings before  
 ERNDKP taxes or other deductions?

Enter Dollar amount---> \_\_\_\_\_ (Skip to Q26D-3VER)

[blind] Don't know 0 (Skip to Q26G)  
 [blind] Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 6000) (If fails range edit, skip to Q26D-3RNG)

Q26D-3RNG RANGE CHECK  
 ERNRG3 (If Q26D-3DK has entry then fill parenthetical with Q26D-3DK.  
 Otherwise, fill with Q26D-3.)

\*\*\*DO NOT READ\*\*\*

Monthly earnings recorded as: (fill Q26D-3) monthly  
 IS THIS ENTRY CORRECT?

Yes....(Go to Q26D-3VER)  
 No.....(Go to Q26D-3RNG2)

Q26D-3RNG2. CHECK ITEM  
 ERNRGP (If Q26D-3DK has entry then fill parenthetical with Q26D-3DK.  
 Otherwise, fill with Q26D-3.)

\*\*\*DO NOT READ\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL Q26D-3) monthly

CORRECT ENTRY IS:

--->[N] \$ \_\_\_\_\_

## E A R N I N G S (continued) revised 1/26/94

Q26D-3VER. (Fill parenthetical if Q20C-1.)

ERNVR4

I have recorded your total earnings (for your main job) as  
\$ (Fill Q26D-3 or Q26D-3DK) MONTHLY before taxes or other deductions.  
Is that correct?

Yes.....0 (Skip to Q26G)

No.....0 (Go to Q26D-3VER2)

[blind] Don't know.....0 (Skip to Q26G)

[blind] Refused.....0 (Skip to Q26G)

Q26D-3VER2.

ERNCDR

(If Q26B is "yes", then fill first parenthetical.)

(Fill second parenthetical if Q20C-1)

(INCLUDING overtime pay, tips and commissions) What are your usual  
monthly earnings on (this) job, before taxes or other deductions?

Enter Dollar amount--> \_ \_ \_ \_ \_ (Do range check)  
(Skip to Q26G)

[blind] Don't know.....0 (Skip to Q26G)

[blind] Refused.....0 (Skip to Q26G)

Q26D-4. (If Q26B is "yes", then fill first parenthetical.)

ERNANN (If Q20C is "yes", then fill second parenthetical with "your MAIN".)

(Including overtime pay, tips and commissions) What are your usual  
annual earnings on (this) job, before taxes or other deductions?

Enter Dollar amount--> \_ \_ \_ \_ \_ (Skip to Q26D-4VER)

[blind] Don't know 0 (Skip to Q26D-4DK)

[blind] Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 72,000) (If fails range edit, skip to Q26D-4RNG)

Q26D-4DK. What is your best estimate of your usual annual earnings before  
ERNDKP taxes or other deductions?

Enter Dollar amount--> \_ \_ \_ \_ \_ (Skip to Q26D-4VER)

[blind] Don't know 0 (Skip to Q26G)

[blind] Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 72,000) (If fails range edit, skip to Q26D-4RNG)

## E A R N I N G S (continued) revised 12/1/92

Q26D-4RNG RANGE CHECK  
 ERNRG3 (If Q26D-4 or Q26D-4DK is greater than \$72,000, then fill first  
 parenthetical.)

(If Q26D-4DK has entry then fill second parenthetical with Q26D-4DK.  
 Otherwise, fill with Q26D-4.)

\*\*\*DO NOT READ\*\*\*

(\*\*\*\*REPORTED EARNINGS ARE GREATER THAN \$72,000\*\*\*\*)

Annual earnings recorded as: (fill Q26D-4) annually  
 IS THIS ENTRY CORRECT?

Yes....(Go to Q26D-4VER)  
 No.....(Go to Q26D-4RNG2)

Q26D-4RNG2. CHECK ITEM  
 ERNRGP (If Q26D-4DK has entry then fill parenthetical with Q26D-4DK.  
 Otherwise fill with Q26D-4.)

\*\*\*DO NOT READ\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL Q26D-4) annually

CORRECT ENTRY IS:

--->[N] \$ \_ \_ \_ \_

Q26D-4VER. (Fill parenthetical if Q20C-1.)  
 ERNVR4

I have recorded your total earnings (for your main job) as  
 \$ (fill Q26D-4 or Q26D-4DK) annually before taxes or other  
 deductions. Is that correct?

Yes.....0 (Skip to Q26E-CK)  
 No.....0 (Go to Q26D-4VER2)

[blind] Don't know.....0 (Skip to Q26E-CK)  
 [blind] Refused.....0 (Skip to Q26E-CK)

## E A R N I N G S (continued) revised 1/26/94

Q26D-4VER2.

ERNCOR

(If Q26B is "yes", then fill first parenthetical.)  
(Fill second parenthetical if Q20C-1)(INCLUDING overtime pay, tips and commissions) What are your usual  
annual earnings on (this) job, before taxes or other deductions?Enter Dollar amount--> \_\_\_\_\_ (Do range check)  
(Skip to Q26E-CK)

[blind] Don't know.....0 (Skip to Q26G)

[blind] Refused.....0 (Skip to Q26G)

Q26D-5.

ERNBWK

(If Q26B is "yes", then fill first parenthetical.)  
(If Q20C is "yes", then fill second parenthetical with "your MAIN".)(Including overtime pay, tips and commissions) What are your usual  
bi-weekly earnings on (this) job, before taxes or other deductions?

Enter Dollar amount--&gt; \_\_\_\_\_ (Skip to Q26D-5VER)

[blind] Don't know 0 (Skip to Q26D-5DK)

[blind] Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 3,000) (If fails range edit, skip to Q26D-5RNG)

Q26D-5DK.

ERNDKP

What is your best estimate of your usual bi-weekly earnings before  
taxes or other deductions?

Enter Dollar amount--&gt; \_\_\_\_\_ (Skip to Q26D-5VER)

[blind] Don't know 0 (Skip to Q26G)

[blind] Refused 0 (Skip to Q26G)

Range Edit (\$ 1 to 3,000) (If fails range edit, skip to Q26D-5RNG)

Q26D-5RNG RANGE CHECK

ERNRG3

(If Q26D-5DK has entry then fill parenthetical with Q26D-5DK.  
Otherwise, fill with Q26D-5.)

\*\*\*DO NOT READ\*\*\*

Bi-weekly earnings recorded as: (fill Q26D-5) bi-weekly  
IS THIS ENTRY CORRECT?

Yes....(Go to Q26D-5VER)

No.....(Go to Q26D-5RNG2)

## E A R N I N G S (continued) revised 12/1/92

Q26D-SRNG2. CHECK ITEM  
ERNRGP (If Q26D-5DK has entry then fill parenthetical with Q26D-5DK.  
Otherwise fill with Q26D-5.)

\*\*\*DO NOT READ\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (FILL Q26D-5) bi-weekly

CORRECT ENTRY IS:

--->[N] \$ \_ \_ \_ \_

Q26D-5VER. (Fill parenthetical if Q20C-1.)  
ERNVR4

I have recorded your total earnings (for your main job) as  
\$ (fill Q26D-5 or Q26D-5DK) bi-weekly before taxes or other  
deductions. Is that correct?

Yes.....0 (Skip to Q26G)  
No.....0 (Go to Q26D-5VER2)

[blind] Don't know.....0 (Skip to Q26G)  
[blind] Refused.....0 (Skip to Q26G)

Q26D-5VER2.  
ERNCOR (If Q26B is "yes", then fill first parenthetical.)  
(Fill second parenthetical if Q20C-1)

(INCLUDING overtime pay, tips and commissions) What are your usual bi-  
weekly earnings on (this) job, before taxes or other deductions?

Enter Dollar amount---> \_ \_ \_ \_ \_ (Do range check)  
(Skip to Q26G)

[blind] Don't know.....0 (Skip to Q26G)  
[blind] Refused.....0 (Skip to Q26G)

Q26E-CK. CHECK ITEM  
ERNCKT

Q26D-4 has an entry..(Ask Q26F)  
All others .....(Skip to Q26G)

Q26F. How many weeks a year do you get paid for?  
ERNWKP

Number of weeks \_ \_

[blind] Don't know.....0  
[blind] Refused.....0

Range check 01-52

## EARNINGS (continued)

Q25B. Is ... paid by the hour on this job?

Yes.....0 (Go to Q25C)  
No.....0 (Skip to Q25D)

Q25C. How much does ... earn per hour?

(Ask Q25D)

Q25E. On this job, is ... a member of a labor union or of an employee association similar to a union?

Yes.....0 (Skip to Q26)  
No.....0 (Ask Q25F)

Q25F. On this job, is ... covered by a union or employee association contract?

Yes.....0 (Go to Q26)  
No.....0 (Go to Q26)

## EARNINGS (continued) revised 1/26/94

(If Q26A is "Other" or "DK", then don't fill first parenthetical.)  
(If Q20C is "yes", then fill second parenthetical with "your MAIN".)

Q26G. (Even though you told me it is easier to report your earnings (fill with Q26A response)), are you PAID AT AN HOURLY RATE on (this) job?

Yes 0  
No 0 (Skip to Q26I)  
[blind] Don't know 0 (Skip to Q26I)  
[blind] Refused 0 (Skip to Q26I)

Q26G-CK CHECK ITEM  
If Q26D-2, Q26D-2DK, Q26D-3, Q26D-3DK, Q26D-4, Q26D-4DK, Q26D-5, or Q26D-5DK is a "refusal".....(Skip to Q26I)  
If Q26D-2DK, Q26D-3DK, Q26D-4DK or Q26D-5DK is a "don't know".....(Skip to Q26I)  
All others.....(Ask Q26H)

(If Q26B is "yes", then fill first parenthetical.)  
(If Q20C is "yes", then fill second parenthetical with "your MAIN".)  
Q26H. (EXCLUDING overtime pay, tips and commissions) What is your hourly rate of pay on (this) job?

Enter dollar amount----> \_ \_ \_ \_  
[blind] Don't know 0  
[blind] Refused 0  
Range edit \$1 to \$30.00

Q26I. On this job, are you a member of a labor union or of an employee association similar to a union?

Yes ..... 0 (Skip to Q26J-CK)  
No ..... 0  
[blind] Don't know..... 0  
[blind] Refused..... 0

Q26J. On this job, are you covered by a union or employee association contract?

Yes..... 0  
No..... 0  
[blind] Don't know..... 0  
[blind] Refused..... 0

## E A R N I N G S (continued) revised 12/1/92

## Q26J-CK CHECK ITEM

ERNCKV

Line number of current person equals  
 line number of current household respondent....(Skip to Q28-CK)  
 All others.....(Go to Q26J-CK1)

## Q26J-CK1 CHECK ITEM

ERNCKW

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

Did ... provide any of the earnings information you just collected?

Yes....0 (Skip to Q28-CK)  
 No.....0 (Go to Q26J-CK2)

## Q26J-CK2 CHECK ITEM

ERNCKX

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

Did anyone other than (fill household respondent's name) provide any of the earnings information you just collected?

Yes....0 (Go to Q26J-CK3)  
 No.....0 (Skip to Q28-CK)

## Q26J-CK3 CHECK ITEM

ERNCKY1

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

Who was that?

(Display household roster so person name and line number appears)

Enter line number \_\_ (Go to Q28-CK)

NLF/RETIRED

NLF/RETIRED/MAIN STATUS

Revised 2/10/93

## Q27-CK1. CHECK ITEM

NLFCK1 This person is:  
 14-49 years of age... (Skip to Q27B)  
 50+..... (GO TO Q27A)

## Q27-CK. CHECK ITEM

NLFCK2  
 Outgoing rotation.....0 (Ask Q27-1)  
 All other rotations.....0 (Skip to Q28-CK)

## Q27-1. When did you last work at a job or business?

NLFJH  
 Within last 12 months.....0 (GO TO Q25 (d))  
 More than 12 months ago.....0 (Go to Q28-CK)  
 Never worked.....0 (Go to Q28-CK)  
 [blind] Don't know.....0 (Go to Q28-CK)  
 [blind] Refused.....0 (Go to Q28-CK)

## Q27A. Are you retired FROM A JOB OR BUSINESS?

NLFRET  
 Yes ..... 0 (End questions)  
 No ..... 0  
 [blind] Don't know. 0  
 [blind] Refused.... 0

## Q27B. 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?

NLFACT  
 Disabled..... 0  
 Ill..... 0  
 In school..... 0  
 Taking care of house or family... 0  
 In retirement..... 0  
 Something else/other...(specify). 0  
 [blind] Don't know..... 0  
 [blind] Refused..... 0

SCHOOL ENROLLMENT

Q26. CHECK ITEM.

(Transcribe from control card item 18)

This person is: 16-24 years of age ..... 0 (Ask 26A)  
All others ..... 0 (Skip to 26C)

Q26A. (If "School" in 19, Verify)

LAST WEEK was ... attending or enrolled in a high school, college, or university? (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation).

Yes ... 0 High School ..... 0 (Ask 26B)  
College or Univ. .... 0 (Ask 26B)

No ... 0 (Skip to 26C)

Q26B. Is ... enrolled in school as a full-time or part-time student?

Full time ... 0 (Fill 26C)  
Part time ... 0 (Fill 26C)

SCHOOL ENROLLMENT

Q28-CK. CHECK ITEM

SCHCK

This person is:  
16-24 years of age.. (Ask Q28A)  
All others..... (End Questions)

Q28A.  
SCHENR

LAST WEEK, were you enrolled in a high school, college, or university?

(Mark "Yes" if currently on holiday or seasonal vacation.  
Mark "No" for summer vacation.)

Yes..... 0  
No ..... 0 (End Questions)  
[blind] Don't know.. 0 (End Questions)  
[blind] Refused .... 0 (End Questions)

Q28A-1. (ASK ONLY IF NECESSARY)

SCHLVL

Would that be high school, college, or university?

High school..... 0  
College or university..... 0  
Don't know..... 0  
Refuse..... 0

Q28B.  
SCHFY

Are you enrolled in school as a full-time or part-time student?

Full-time 0 (END  
Part-time 0 QUESTIONS)  
[blind] Don't know 0  
[blind] Refused 0

|   |   |  |  |   |  |
|---|---|--|--|---|--|
| 18. LINE NUMBER   | 20. Did ... do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator or job, ask about unpaid work.)   | 21. (If 1 in 19, skip to 31A.) Did ... have a job or business from which he/she was temporarily absent or on leave LAST WEEK?  | 22. (If 1K in 19, skip to 22A.) Has ... been looking for work during the past 4 weeks?   | 24. CHECK ITEM (Rotation number) First digit of SEGMENT number is:  | 25. CHECK ITEM (Rotation number) First digit of SEGMENT number is:   |
| 19. What was ... doing most of LAST WEEK? Working <input checked="" type="checkbox"/> Going to school <input checked="" type="checkbox"/> or something else? <input type="checkbox"/> Working (Skip to 20A.) <input type="checkbox"/> With a job but not at work <input type="checkbox"/> Looking for work <input type="checkbox"/> Keeping house <input type="checkbox"/> Going to school <input type="checkbox"/> Unable to work (Skip to 24L) <input type="checkbox"/> Retired <input type="checkbox"/> Other (Specify) <input type="checkbox"/>   | 20A. How many hours did ... work LAST WEEK at all jobs? 0-9 <input type="text"/> 20B. CHECK ITEM 49-50 (Skip to Item 23) 1-34 (Go to 20C) 35-48 (Go to 20C)   | 21A. Why was ... absent from work LAST WEEK? Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Bad weather <input type="checkbox"/> Labor dispute <input type="checkbox"/> New job to begin within 30 days (Skip to 22B and 22C) <input type="checkbox"/> Temporary layoff (Under 30 days) <input type="checkbox"/> Indefinite layoff (30 days or more or no def. recall date) (Skip to 22C) <input type="checkbox"/> Other (Specify) <input type="checkbox"/> | 22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.) Checked pub. employ. agency <input type="checkbox"/> with: <input type="checkbox"/> priv. employ. agency <input type="checkbox"/> employer directly <input type="checkbox"/> friends or relatives <input type="checkbox"/> Placed or answered ads. <input type="checkbox"/> Nothing (Skip to 24) <input type="checkbox"/> Other (Specify in notes, e.g., J.P.A., union or prof. register, etc.) <input type="checkbox"/> | 24L. When did ... last work for pay at a regular job or business, other full- or part-time? Within past 12 months <input checked="" type="checkbox"/> 1 up to 2 years ago <input type="checkbox"/> 2 up to 3 years ago <input type="checkbox"/> 3 up to 4 years ago <input type="checkbox"/> 4 up to 5 years ago <input type="checkbox"/> 5 or more years ago <input type="checkbox"/> Never worked <input type="checkbox"/> (Skip to 24C)  | 25A. How many hours per week does ... USUALLY work at this job? 0-9 <input type="text"/>   |
| 20C. Does ... USUALLY work 35 hours or more a week at this job? Yes <input type="checkbox"/> What is the reason ... worked less than 35 hours LAST WEEK? No <input type="checkbox"/> What is the reason ... USUALLY works less than 35 hours a week? (Mark the appropriate reason) Sick work <input type="checkbox"/> Material shortage <input type="checkbox"/> Plant or machine repair <input type="checkbox"/> New job started during week <input type="checkbox"/> Job terminated during week <input type="checkbox"/> Could find only part-time work <input type="checkbox"/> Holiday (Legal or religious) <input type="checkbox"/> Labor dispute <input type="checkbox"/> Bad weather <input type="checkbox"/> Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Too busy with housework, school, personal bus., etc. <input type="checkbox"/> Did not want full-time work <input type="checkbox"/> Full-time work week under 35 hours <input type="checkbox"/> Other reason (Specify) <input type="checkbox"/> | 20D. Did ... work any overtime or at more than one job LAST WEEK? Yes <input type="checkbox"/> How many extra hours did ... work? (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No <input type="checkbox"/>  | 21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/>  | 22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason? Lost job <input type="checkbox"/> Quit job <input type="checkbox"/> Left school <input type="checkbox"/> Wanted temporary work <input type="checkbox"/> Change in home or family responsibilities <input type="checkbox"/> Left military service <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/>  | 24C. Why did ... leave that job? Personal, family (incl. pregnancy) or school <input type="checkbox"/> Health <input type="checkbox"/> Retirement or old age <input type="checkbox"/> Seasonal job completed <input type="checkbox"/> Sick work or business conditions <input type="checkbox"/> Temporary nonseasonal job completed <input type="checkbox"/> Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/> Other <input type="checkbox"/>  | 25B. Is ... paid by the hour on this job? Yes <input type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Skip to 25D)   |
| 20E. Does ... USUALLY work 35 hours or more a week at this job? Yes <input type="checkbox"/> What is the reason ... worked less than 35 hours LAST WEEK? No <input type="checkbox"/> What is the reason ... USUALLY works less than 35 hours a week? (Mark the appropriate reason) Sick work <input type="checkbox"/> Material shortage <input type="checkbox"/> Plant or machine repair <input type="checkbox"/> New job started during week <input type="checkbox"/> Job terminated during week <input type="checkbox"/> Could find only part-time work <input type="checkbox"/> Holiday (Legal or religious) <input type="checkbox"/> Labor dispute <input type="checkbox"/> Bad weather <input type="checkbox"/> Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Too busy with housework, school, personal bus., etc. <input type="checkbox"/> Did not want full-time work <input type="checkbox"/> Full-time work week under 35 hours <input type="checkbox"/> Other reason (Specify) <input type="checkbox"/> | 20F. Did ... work any overtime or at more than one job LAST WEEK? Yes <input type="checkbox"/> How many extra hours did ... work? (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No <input type="checkbox"/>  | 21C. Does ... usually work 35 hours or more a week at this job? Yes <input type="checkbox"/> No <input type="checkbox"/>   | 22C. 1) How many weeks has ... been looking for work? 1-9 <input type="text"/> 2) How many weeks ago did ... start looking for work? 1-9 <input type="text"/> 3) How many weeks ago was ... laid off? 1-9 <input type="text"/>   | 24D. What are the reasons ... is not looking for work? (Mark each reason mentioned) Belief—also pays benefits in line of work or was <input type="checkbox"/> Couldn't find any work <input type="checkbox"/> Lack of schooling, training, skills or experience <input type="checkbox"/> Employers think too young or too old <input type="checkbox"/> Other past handicap in finding job <input type="checkbox"/> Can't arrange child care <input type="checkbox"/> Family responsibilities <input type="checkbox"/> In school or other training <input type="checkbox"/> Ill health, physical disability <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> Don't know <input type="checkbox"/> | 25C. How much does ... earn per hour? Dollars Cents 0-99 <input type="text"/>  |
| 21. DESCRIPTION OF JOB OR BUSINESS  | 22. Was this person an employee of a PRIVATE Co., but, or individual for wages, salary or comm. ... ? A FEDERAL government employee <input type="checkbox"/> A STATE government employee <input type="checkbox"/> A LOCAL government employee <input type="checkbox"/> Self-empl. in OWN bus., prof. practice, or farm <input type="checkbox"/> Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/> Working WITHOUT PAY in farm, bus. or farm ... NEV <input type="checkbox"/> | 23. CHECK ITEM Entry (or NA) in item 20A <input type="checkbox"/> Entry (or NA) in item 21B <input type="checkbox"/> All other cases <input type="checkbox"/> (Skip to 24)   | 24. CHECK ITEM (Rotation number) First digit of SEGMENT number is: 1, 2, 4, 6, 8 or 9 (Skip to 24) 3 or 7 (Go to 24A)  | 25. CHECK ITEM (Rotation number) First digit of SEGMENT number is: 1, 2, 4, 6, 8 or 9 (Skip to 24) 3 or 7 (Go to 24A)   | 26. CHECK ITEM (Transcribe from central card from 1A) This person is 16-24 years of age <input type="checkbox"/> (Ask 26A) All others <input type="checkbox"/> (Skip to 26C) 26A. (If School in 19, Verify) LAST WEEK was ... attending or enrolled in a high school, college, or university? (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation.) Yes <input type="checkbox"/> (Verify) No <input type="checkbox"/> (Skip to 26C) High school <input type="checkbox"/> College or Univ. <input type="checkbox"/> (Ask 26B) 26B. Is ... enrolled in school as a full-time or part-time student? Full time <input type="checkbox"/> Part time <input type="checkbox"/> (F/N 26C) |

CPS-1

CPS-1

CPS-1

2/25/93

SUMMARY OF CHANGES TO THE REVISED CPS QUESTIONNAIRE

CHANGES

AT WORK

(Q19A) A household question inquires directly about the existence of a business in the household. This question is asked once for each household.

(Q20) Revised question wording and expanded response categories. "Profit" fill included if there is a business or farm in the household.

(Q20-1) If a family business exists and persons report not working, then a direct question regarding unpaid work is asked.

(Q20-2) If persons report doing unpaid work, then a direct question on receiving payments or profits from the business is asked. This question is not asked of the owner of the business because it is assumed that the owner does receive payments or profits.

(Q20-RET) If a person is not reported to be working, and during the previous month was reported to be retired, there is a dependent question asking if the person is still retired.

(Q20-DIS) If a person is not reported to be working, and during the previous month was reported to be disabled, there is a dependent question asking if the person is still disabled.

REASON/EXPLANATION

AT WORK

Directly identifies household businesses and provides basis for asking about unpaid family workers and receipt of profits.

Revised wording discourages the reporting of non-work activities, such as volunteer work and work around the house. Expanded response categories allow for responses of "retired," "disabled," and "unable to work". In conjunction with subsequent skip patterns, these categories may reduce response burden for some specified individuals. (Expanded response categories are also at each of the key labor force classification items.)

Directly identifies unpaid family workers.

Direct question identifies persons receiving payments or profits from a business. Such persons are not unpaid family workers. They are considered employed wage and salary workers.

Reduces questionnaire response burden for retired persons by skipping them over the labor force items.

Reduces questionnaire burden for disabled persons by skipping them over the labor force items.

**CHANGES****AT WORK (CONT.)**

(Q20-NUM) Includes a direct question about the desire to work for persons who are reported to be retired and 50 years of age or older. If persons report they do not desire to work, the remaining labor force questions are skipped over.

(Q20A-1, Q20A-2) Includes questions for persons who are reported to be disabled to determine if they are unable to accept any kind of work for next 6 months.

**WITH A JOB**

(Q20B-a, Q20B-b) CPS-1 item Q21 was revised to include separate questions to identify persons with a job, not at work, and persons on layoff. These questions include specific response categories of "Retired," "Disabled," and "Unable."

(Q20B-1) Revised question wording to determine persons' main reason for being absent from work.

(Q20B-2) Revised question wording to determine if persons temporarily absent were paid for their time off last week.

**MULTIPLE JOBS (NEW SERIES)**

(Q20C, Q20D) Includes specific questions to identify persons who have more than one job and the number of jobs they have.

**REASON/EXPLANATION****AT WORK (CONT.)**

Question on desire for a job is included to insure that persons with some attachment to the labor force are not excluded from the opportunity to be unemployed or a discouraged worker. This question is only asked the first month an individual is reported as retired.

Direct question on ability to accept any kind of work is asked to determine if persons reported to be disabled/unable meet the criteria as specified in the question (unable to accept work for next 6 months).

**WITH A JOB**

Previous research indicated that the question was too complex and awkwardly worded and that respondents heard only part of the question.

Determines persons' main reason for not working last week since only one response is allowed.

Simplified wording to improve measurement of concept.

**MULTIPLE JOBS (NEW SERIES)**

Provides monthly estimates of multiple jobholders. Helps to improve measurement of usual and actual hours worked by asking about "main" and "other" jobs separately for persons identified as multiple jobholders.

## CHANGES

USUAL HOURS (NEW SERIES)

(Q20E-A, Q20E-B) Includes an open-ended question asking for the number of hours per week persons usually work; a response category of "hours vary" is available. This question is asked of persons at work and persons absent from work (excluding persons on layoff).

(Q20E-1) New question to determine if persons usually work 35 hours or more; includes an additional response category of "hours vary."

ECONOMIC PART-TIME

(Q20F-1) Includes a question to determine if persons usually working less than 35 hours desire to work a full-time schedule.

(Q20F-2) Revised question wording to determine persons' "main" reason for usually working less than 35 hours for those who want to work full time. Additional response categories are also included.

(Q20F-3) For persons who indicate they do not want to work full time, a separate question is included to identify the reason why persons do not want to work a full-time workweek.

(Q20J) Revised question wording to determine persons' "main" reason for working less than 35 hours last week. Additional response categories are also included.

## REASON/EXPLANATION

USUAL HOURS (NEW SERIES)

Provides frame of reference for actual hours worked questions using an anchor and recall estimation strategy. Improves estimation of usual hours by asking about the main and other jobs separately for multiple jobholders. Allows usual FT/PT classification of all employed persons. Obtains a usual hours measure for all employed individuals, not just those who actually worked less than 35 hours or those in outgoing rotations.

Serves as a follow-up probe to clarify usual hours worked information for persons whose hours vary or for respondents who don't know the usual hours worked.

ECONOMIC PART-TIME

Desire to work full-time is an additional requirement for the classification of economic part-time.

Revised question wording provides respondents with a common frame of reference by giving both economic and non-economic examples for not working full time.

Reduces field coding errors because separate question allows only non-economic reasons for not working full time to be listed.

Separate questions for persons who usually work < 35 hours (Q20F-2, Q20F-3) vs. those who usually work > 35 hours but actually worked < 35 hours last week (Q20J) allow for tailored response categories to reduce field coding errors.

CHANGES

ECONOMIC PART-TIME (CONT.)

(Q20K) Includes a question to establish whether persons (part time for economic reasons) are available to work full-time hours.

ACTUAL HOURS

The order of the questions in the hours series is revised, asking about usual hours first, hours taken off, extra hours worked, and then actual hours.

(Q20G) Revised question wording for determining whether persons lost or took off hours from work.

(Q20H) Revised question wording for determining whether persons worked overtime or extra hours. (Questions about multiple jobs are asked earlier).

(Q20H-1) Revised question wording to identify the number of additional hours worked.

(Q20I-1, Q20I-2) Revised question wording to determine actual hours; for multiple jobholders, actual hours are obtained separately for main job and other jobs.

ON LAYOFF (NEW SERIES)

A separate series of questions is included for persons on layoff.

REASON/EXPLANATION

ECONOMIC PART-TIME (CONT.)

Availability to work full time is an additional requirement for the classification of economic part time.

ACTUAL HOURS

This question sequencing allows respondents to use an anchor and recall estimation strategy to improve the measurement of actual hours worked.

Provides transition from usual hours worked to actual hours worked. Gives examples of reasons why time might be taken off to aid respondent's recall. Improves measurement since it is asked of all those working.

Improves measurement of hours data since it is asked of all those working.

Improves measurement of hours data.

Collects hours worked for main and other jobs separately.

ON LAYOFF (NEW SERIES)

The use of automated interviewing allowed separate series for persons reported to be on layoff so questions could be appropriately worded to reflect layoff status.

## CHANGES

ON LAYOFF (CONT.)

(Q21, Q21A) Includes specific questions about persons' expectations of being recalled to their job.

(Q21A-1) Includes a revised question to determine persons' availability to return to work.

(Q21A-2) Revised question wording to determine why persons on layoff are not available to return to work.

(Q21B) Includes a question about looking for work during the past four weeks.

(Q21C) Revised question wording to determine the duration of layoff. Duration may be reported in weeks, months, or years.

(Q21C-1) For persons who are reported to have been on layoff 1 to 4 months, a question is asked regarding the number of WEEKS they have been on layoff.

(Q21-DPCK) Layoff series utilizes dependent updating of duration data. If persons are on layoff for two consecutive months, the duration of layoff from the previous month is updated without asking the duration question again.

(Q21D) Revised question wording for determining if persons are on layoff from a full-time or part-time job.

## REASON/EXPLANATION

ON LAYOFF (CONT.)

Improves "layoff" status classification by including direct question to determine if criteria for layoff status are met. Persons not expecting to be recalled will be asked job search questions so they have a chance to be included among the unemployed.

Revised wording better measures concept of availability to return to work. Question tailored to persons on layoff.

Response categories tailored to persons on layoff.

Permits identification of proportion of persons "on layoff" that have looked for work during the past 4 weeks.

Improves measurement of duration of layoff by allowing respondents to answer in periodicity most convenient for them.

Avoids clustering of answers around whole months.

Increases consistency of duration of unemployment and reduces respondent burden for persons on layoff in consecutive months.

Collects information on the type of job from which persons are on layoff.

## CHANGES

LOOKING (REORDERED SERIES)

(Q22) Revised question wording for determining whether persons were looking for work last week.

(Q22A) Revised question wording on job search methods. Response categories have been expanded to include additional active and passive methods.

(Q22A-DK) Includes a follow-up probe for persons who report "Nothing" in Q22A, and for persons who respond "Don't Know".

(Q22A-DK1) Includes a follow-up probe for persons who only give an "other passive" method in Q22A.

(Q22B) Revised question wording to determine persons' availability to work.

(Q22B-1) Revised question wording to determine persons' reasons for being unavailable to work. New skip patterns.

(Q22C 1, Q22C 2) Includes revised questions to determine persons' status just prior to initiating job search. Purpose of question is to identify job losers/job leavers.

(Q22D) Revised question to determine when persons last worked.

## REASON/EXPLANATION

LOOKING (REORDERED SERIES)

Intention was to have less restrictive wording and have ineligible job search activities screened out in question Q22A.

Expanded response categories reduce coding errors and identify persons using only passive job search methods who are then asked NILF questions.

Clarifies initial job search question and provides a second opportunity for persons who report "nothing" or "don't know" to report an active method (and, therefore, be classified as unemployed).

Clarifies initial job search question and provides a second opportunity for persons who report only passive job search methods to report an active method (and, therefore, be classified as unemployed).

Question revised to more accurately reflect if a person could have started a job, not just have accepted a job.

Persons not meeting availability criteria are skipped to job history series.

Splits question into two separate questions so objective of questions would be clearer to respondents.

Less restrictive question wording so all previously employed persons will be identified. Is no longer restricted to persons working full time for 2 consecutive weeks or more.

**CHANGES****LOOKING (CONT.)**

(Q22D-1) New question asks the specific month and year persons last worked if they worked within the last 12 months.

(Q22E) Revised duration question allows responses of "weeks," "months," or "years."

(Q22E-1) New question asks the number of weeks persons have been looking for work if they report 1-4 months in Q22E.

(Q22-DPCK) Utilizes dependent updating of duration for persons reported to be looking for work for two consecutive months. Previous month's duration of looking is updated without re-asking the duration question; and other relevant data from the previous month is carried over.

(Q22F) Revised question wording asking whether persons are looking for full-time or part-time work.

(Q22F-CK2) Previous month's I/O of last job held is carried over (without re-asking) if person is unemployed in two consecutive months.

**DISCOURAGED WORKERS (REORDERED SERIES)**

Discouraged worker series asked in all months-in-sample. (In current CPS, the discouraged worker series is asked only in outgoing rotations.)

(Q23) Revised question to determine if persons want a job; allows responses of "retired," "disabled," and "unable."

**REASON/EXPLANATION****LOOKING (CONT.)**

Improves reporting of duration by verifying that the reported duration of unemployment does not extend beyond the month/year in which persons last worked.

Improves measurement by allowing respondents to report in periodicity most convenient for them.

Avoids clustering of answers around whole months.

Reduces respondent burden and improves consistency in reporting duration of looking for persons who are unemployed in consecutive months.

Revised wording provides BLS definition of full-time work within the question. Respondents can also report that they are looking for either full- or part-time work.

Reduces respondent burden.

**DISCOURAGED WORKERS (REORDERED SERIES)**

This revision was based on Levitan recommendation. It permits estimates of discouraged workers to be produced monthly instead of only quarterly, as provided under the current design.

Simplified wording reduces ambiguity of question. Reduces respondent burden for persons reported as retired or disabled by skipping them to job history series.

## CHANGE

DISCOURAGED WORKERS (CONT.)

(Q23A) Revised question wording to determine the "main" reason for not looking for work; revised response categories.

(Q23B) New question (per Levitan Commission) to determine if persons have looked for work in the last 12 months. Note that the Levitan Commission recommended 6-month period. Twelve months was used because it was an easier reference period and was a reasonable period for respondents with attachment to the labor force to have looked for work (Hamel, March 1979, MLR).

(Q23B-1, Q23B-2) New questions to determine if those who have looked for work in the last 12 months have worked during the last 12 months and/or the last 4 weeks.

(Q23B-3) New question to determine if those persons who have looked and worked in the last 12 months have looked for work since leaving their last job.

(Q23C) New question (per Levitan Commission) to determine persons' availability to work.

(Q23C-1) New question to determine persons' reasons for being unavailable to work.

JOB HISTORY

(Q24A) Revised question to determine when persons last worked.

(Q24B) Revised question to determine reason for leaving last job.

## REASON/EXPLANATION

DISCOURAGED WORKERS (CONT.)

Reduces ambiguity of previous categories.

Attachment to the labor force is new criterion for discouraged worker definition.

Having looked since last working is a criterion for discouraged workers. These questions and Q23B-3 check to see if persons have looked since they last worked.

Having looked since person last worked is a criterion for discouraged workers.

This is an additional requirement for classification as a discouraged worker.

To determine if person was available to take a job last week.

JOB HISTORY

Shortens recall period. Revised question directly asks about work "during past 12 months" since 12 months is a better time frame for estimating the potential labor force. Reduces respondent burden since recall period is 12 months instead of 5 years.

Improves question wording. Asks for "main reason".

**CHANGE****JOB HISTORY (CONT.)**

(Q24C) Revised question to determine persons' intentions to look for work.

(Q24-DEP) New question to establish whether persons who worked in the last 12 months (and were unemployed in the previous month), did any work during the last 4 weeks.

**INDUSTRY AND OCCUPATION (REORDERED SERIES)**

(Q25DEP-1, Q25DEP-2, Q25DEP-3) Includes dependent questions carrying over information from the previous month regarding company name and usual activities or duties.

(Q25-1) Revised question series for determining class of worker.

(Q25-2) Revised question to determine the type of government worker.

(Q25-4) Revised question to determine class of worker for workers in a family business.

(Q25A-1) Revised question wording for company name.

(Q25A-2, Q25A-3) Separate questions asking for government agency name and self-employed persons' or family's business name.

**REASON/EXPLANATION****JOB HISTORY (CONT.)**

Simplified question wording.

Determines if industry and occupation data provided in the previous month can be carried over in the current month.

**INDUSTRY AND OCCUPATION (REORDERED SERIES)**

Reduces respondent burden. Improves consistency estimates of occupation and industry change.

Class of worker questions are asked at beginning of series. Previously, interviewers often verified the information based on answers to I/O questions. Location of class of worker question at beginning of series allows for tailoring of industry questions.

Direct question used to obtain level of government.

Direct question on whether work done in family business was for pay.

Increases respondent comprehension through tailored questions depending on whether a person works for a private company or non-profit organization. Revised wording clarifies question's intent (i.e. company name). References "main job" for multiple jobholders.

Increases respondent comprehension through tailored questions for person working in government agency or self employed.

**CHANGE****INDUSTRY AND OCCUPATION (CONT.)**

(Q25B-2) Direct question regarding type of industry: manufacturing, retail trade, or wholesale trade.

(Q25C, Q25D) Revised questions to determine type of occupation.

(Q25F-Q25Q) Includes series of questions in out going rotations for second jobs.

(Q25F-Q25I) Persons who are reported to be self employed in unincorporated businesses and are multiple jobholders are asked the class of worker questions for their second job in all rotations.

**EARNINGS**

(Q26A) Includes a question asking for the "easiest way" (periodicity) to report total earnings.

(Q26G) Includes a question to determine if persons are paid at an hourly rate, given that persons reported in Q26A that it is easier to report their earnings in some other way.

(Q26B) Includes a question to determine if persons receive overtime pay, tips, or commissions.

(Q26C, Q26H) Revised questions asking for persons' hourly rate of pay.

(Q26C-1) Includes a question asking hourly workers the number of hours usually worked at the specified rate of pay.

**REASON/EXPLANATION****INDUSTRY AND OCCUPATION (CONT.)**

Improves industry coding.

Wording specifies "occupation" for Q25C and "usual" duties for Q25D.

Collects additional data on second job.

This will permit identification of persons that are self-employed in two unincorporated businesses. Persons who are self-employed in two unincorporated businesses are not multiple jobholders according to BLS definition of multiple jobholders.

**EARNINGS**

Reduces reporting difficulty for persons not paid weekly. References "main job" for multiple jobholders.

Question is needed to determine measures for hourly wage workers.

Improves measurement of earnings. Persons who receive overtime pay, tips, or commissions are prompted to include (or exclude if reporting hourly wage) the income from these sources when reporting earnings.

These questions specifically instruct persons who receive overtime pay, tips, or commissions to exclude those monies from their report of their hourly rate of pay.

Improves estimate of weekly earnings for hourly workers by obtaining number of hours usually worked at the specified rate of pay.

**CHANGE****EARNINGS (CONT.)**

(Q26D-1) Includes a question asking amount earned in just overtime pay, tips, or commissions.

(Q26D-1a) For persons who report their overtime, tips, and commissions at an hourly rate, they are asked the number of hours they usually work at that rate.

(Q26D-2, Q26D-3, Q26D-4, Q26D-5) Includes separate earnings questions for person reporting their earnings at weekly, biweekly, monthly, or annual rates. These questions specifically instruct persons to include overtime pay, tips, or commissions if they earn them.

(Q26F) For persons reporting earnings on an annual basis, a new question asks for the number of weeks per year persons are paid.

(Q26C-DK, Q26D-1DK, Q26D-1b, Q26D-2DK, Q26D-3DK, Q26D-4DK, Q26D-5DK) Include questions asking for a best estimate when persons respond that they don't know the answer to the earnings information requested.

**REASON/EXPLANATION****EARNINGS (CONT.)**

Improves estimate of weekly earnings by obtaining separate estimate for overtime pay, tips and commissions. Converts amount and periodicity to weekly amount in order to calculate weekly earnings for hourly wage workers. Reduces task difficulty by allowing respondents to report overtime pay, tips and commissions in any periodicity.

Improves estimate of weekly earnings for hourly workers receiving overtime, tips or commissions.

Reduces task difficulty for respondents who find it easier to report their earnings at a rate other than weekly.

Improves estimate of weekly earnings for persons reporting annual earnings.

Reduces non-response due to persons unable to provide exact earnings information.

**CHANGE****EARNINGS (CONT.)**

(Q26D-1VER) Includes a verification of weekly earnings for hourly workers.

(Q26D-1VER2, Q26D-1VER3) For hourly workers that do not verify as correct their weekly earnings, a question is included that confirms each piece of information used to calculate weekly earnings.

(Q26D-2VER, Q26D-3VER, Q26D-4VER, Q26D-5VER) Includes questions to verify weekly, biweekly, monthly, or annual earnings amounts depending on how the respondent indicates it is easiest to report earnings.

(Q26D-2VER2, Q26D-3VER2, Q26D-4VER2, Q26D-5VER2) For persons who report that their earnings are not correct, a follow-up question asks the usual weekly, biweekly, monthly, or annual earnings amount.

**NOT IN LABOR FORCE/RETIRED (NEW SERIES)**

(Q27-1) Includes a new question to determine when retired persons last worked at a job.

(Q27A) Includes a new question for persons who are NILF and at least 50 years old or older which directly asks about retirement.

**REASON/EXPLANATION****EARNINGS (CONT.)**

Decreases likelihood of coding errors and gives respondent a chance to verify weekly earnings estimate based on various pieces of information collected for hourly respondents.

Respondents can change any of the information used to calculate weekly earnings. If any of the pieces change, a new weekly earnings amount is calculated and then verified. If none of the pieces of information changes, the respondent is asked what the weekly earnings amount is.

Verification reduces the likelihood of field coding errors.

Allows respondent to correct earnings data that was inaccurately recorded.

**NOT IN LABOR FORCE/RETIRED (NEW SERIES)**

If retired persons worked in the last 12 months, industry and occupation information regarding their last job is obtained. Reduces respondent burden because question refers to last 12 months instead of last 5 years. This is only asked in the outgoing rotations and if person is reported to be retired or disabled earlier in the questionnaire.

Incorporates 1986 QDTF recommendation to include direct question on retirement.

**CHANGE****NOT IN LABOR FORCE/RETIRED (CONT.)**

(Q27B) Includes a new question to determine the main status of persons who are NILF.

**SCHOOL ENROLLMENT**

(Q28A) Revised question wording regarding school enrollment.

**SELF/PROXY STATUS OF RESPONDENT**

(Q20K-CK1, Q20K-CK2, Q20K-CK3, Q25Q-CK1, Q25Q-CK2 Q25Q-CK3, Q26H-CK1 Q26H-CK2 Q26H-CK3) For cases in which the specified person and the respondent are not the same, questions to the interviewer (these are not read to the respondent) are asked regarding whether the specified person or some other person beside the respondent answered any of the questions in the series. Self/proxy status of the respondent is collected for the hours, I/O, and earnings series.

**REASON/EXPLANATION****NOT IN LABOR FORCE/RETIRED (CONT.)**

Incorporates 1986 QDTF recommendation to collect additional information about persons NILF.

**SCHOOL ENROLLMENT**

More inclusive wording.

**SELF/PROXY STATUS OF RESPONDENT**

Determines self/proxy status for key labor force items. This will enable separate analysis of data for selected labor force items by self vs. proxy respondents.

2/25/93

## REVISED CPS QUESTIONNAIRE COMPARISON TABLE

| ITEM                      | CPS-1 | REVISED CPS  | NEW LABEL |
|---------------------------|-------|--------------|-----------|
| Introduction              | -     | 19           | LABOR     |
| <u>AT WORK</u>            |       |              |           |
| Major Activity            | 19    | -            | -         |
| Business/farm             | -     | 19A          | BUS       |
| Work                      | 20    | 20           | WK        |
| Disability                | -     | 20A-1        | DIS1      |
| Dep. Disability           | -     | 20-DIS       | DIS       |
| Unable                    | -     | 20A-2        | DIS2      |
| Retired                   | -     | 20-NUM       | RET1      |
| Dep. Retired              | -     | 20-RET       | RET       |
| Unpaid                    | -     | 20-1         | BUS1      |
| "-profits                 | -     | 20-2         | BUS2      |
| <u>WITH A JOB</u>         |       |              |           |
| T.A. Job                  | 21    | 20B-a        | ABS       |
| Layoff                    | 21    | 20B-b        | LAY       |
| Reason Absent             | 21A   | 20B-1        | ABSRN     |
| Receiving \$              | 21B   | 20B-2        | ABSPD     |
| Usually 35+               | 21C   | 20E-1        | HRFTPT    |
|                           | -     | 20E-A, 20E-B | HRUSL1    |
|                           |       | 20E-B        | HRUSL2    |
| <u>MULTIPLE JOBS</u>      |       |              |           |
| Multiple Jobs             | -     | 20C          | MJ        |
| # of jobs                 | -     | 20D          | MJNUM     |
| <u>USUAL HOURS</u>        |       |              |           |
| Usual hrs.                | -     | 20E-A        | HRUSL1    |
|                           |       | 20E-B        | HRUSL2    |
| Usually 35+               | 20C1  | 20E-1        | HRFTPT    |
|                           | -     | 20E-A        | HRUSL1    |
|                           |       | 20E-B        | HRUSL2    |
| <u>ECONOMIC PART-TIME</u> |       |              |           |
| Want job                  | -     | 20F-1        | HRWANT    |
| Reas Usu <35              | 20C2  | 20F-2        | HRRSN1    |
| Reas not want ft          | -     | 20F-3        | HRRSN2    |
| Availability              | -     | 20K          | HRAVL     |
| Reas. Act <35             | 20C2  | 20J          | HRRSN3    |

| ITEM   | CPS-1  | REVISED<br>CPS | NEW<br>LABEL   |
|--|--------|----------------|----------------|
| <u>ACTUAL HOURS</u>                              |        |                |                |
| Lost hrs.  | 2001   | 20G            | HROFF1         |
|  | 20D2   | 20G-1          | HROFF2         |
| Extra hrs.                                       | 20E1   | 20H            | HROT1          |
|  | 20E2   | 20H-1          | HROT2          |
| Actual hrs.                                      | 20A    | 20I-1          | HRACT1         |
|  |        | 20I-2          | HRACT2         |
| <u>ON LAYOFF</u>                                 |        |                |                |
| Date to return                                   | -      | 21             | LAYDT          |
| Expectations                                     | -      | 21A            | LAYGM          |
| Availability                                     | 22E1   | 21A-1          | LAYAVL         |
|  | 22E2   | 21A-2          | LAYAVR         |
| Looking  | -      | 21B            | LAYLK          |
| Duration-mos/wks                                 | -      | 21C            | LAYDR1, LAYDR2 |
| " -wks   | 22C3   | 21C-1          | LAYDR3         |
| Ft/pt  | 22D    | 21D            | LAYFT          |
| <u>LOOKING</u>                                   |        |                |                |
| Looking  | 22     | 22             | LK             |
| Methods  | 22A    | 22A            | LKM1           |
| Follow-up Methods                                | 22A_dk | 22A-DK         | LKDK2          |
|  | -      | 22A_DK1        | LKPS1          |
| Reason   | 22B    | 22C-1, 22C-2   | LKLL1, LKLL2   |
| Duration-mos/wks                                 | -      | 22E            | LKDUR1, LKDUR2 |
| " -wks   | 22C1   | 22E-1          | LKDUR3         |
| Ft/pt  | 22D    | 22F            | LKFT           |
| Availability                                     | 22E1   | 22B            | LKAVL          |
| "  | 22E2   | 22B-1          | LKA VR         |
| Last worked                                      | 22F    | 22D            | LKLW           |
| " within   | -      | 22D-1          | LKDAT          |
| 12 months  |        |                |                |
| <u>DISCOURAGED WORKERS (new - all rotations)</u> |        |                |                |
| Looked-12 mos                                    | -      | 23B            | DWLK           |
| Worked-12 mos                                    | -      | 23B-1          | DWWK           |
| Worked-4 weeks                                   | -      | 23B-2          | DW4WK          |
| Look since wked                                  | -      | 23B-3          | DWLKWK         |
| Reason not lk.                                   | 24D    | 23A            | DWRSN          |
| Want job   | 24C    | 23             | DWWNT          |
| Availability                                     | -      | 23C            | DWAVL          |
| "  | -      | 23C-1          | DWAVR          |

| ITEM | CPS-1 | REVISED<br>CPS | NEW<br>LABEL |
|------|-------|----------------|--------------|
|------|-------|----------------|--------------|

DISCOURAGED WORKERS (old - mis 4/8)

|                |     |   |   |
|----------------|-----|---|---|
| Want job now   | 24C | . | . |
| Reason not lk. | 24D | . | . |

JOB HISTORY (mis 4/8)

|                 |     |        |        |
|-----------------|-----|--------|--------|
| Last worked     | 24A | 24A    | JHWK   |
| Reason left     | 24B | 24B    | JHRSN  |
| Intentions      | 24E | 24C    | JHWANT |
| Dep. job. hist. | -   | 24_DEP | JHDP1  |

INDUSTRY/OCCUPATION

|                    |     |         |                |
|--------------------|-----|---------|----------------|
| Lead-in            | -   | 25      | IO1INT         |
| Industry           | 23A | 25A-1   | IO1NMP         |
|                    |     | 25A-2   | IO1NMG         |
|                    |     | 25A-3   | IO1NMB         |
|                    | 23B | 25B_1   | IO1IND         |
|                    |     | 25B_2   | IO1MFG         |
| Occupation         | 23C | 25      | IO1OCC         |
|                    | 23D | 25D     | IO1DT1, IO1DT2 |
| Class of Wkr       | 23E | 25-1    | IO1INT         |
|                    |     | 25_2    | IO1GVT         |
| Inc. Business      | 23E | 25_3    | IO1INC         |
| Working for pay    | -   | 25_4    | IO1WP          |
| Lead-in 2nd job    | -   | 25-F    | IOPRO1         |
| COW-2nd job        | -   | 25-G    | IO2INT         |
|                    |     | 25-H    | IO2GVT         |
| Inc. Bus-2nd job   | -   | 25-I    | IO2INC         |
| Wk for pay-2nd job | -   | 25-J    | IO2WP          |
| Dependent I/O      | -   | 25DEP-1 | IODP1          |
|                    |     | 25DEP-2 | IODP2          |
|                    |     | 25DEP_3 | IODP3          |

INDUSTRY/OCCUPATION (second job; mis-4/8)

|                 |   |      |                |
|-----------------|---|------|----------------|
| Lead-in         | - | 25F  | IOPRO1         |
| Industry        | - | 25K  | IO2NMP         |
|                 |   | 25-L | IO2NMG         |
|                 |   | 25-M | IO2NMB         |
|                 |   | 25-N | IO2IND         |
|                 |   | 25-O | IO2MFG         |
| Occupation      | - | 25-P | IO2OCC         |
|                 |   | 25_Q | IO2DT1, IO2DT2 |
| Class of Worker | - | 25-G | IO2INT         |
|                 |   | 25-H | IO2GVT         |
|                 |   | 25-I | IO2INC         |
|                 |   | 25-J | IO2WP          |

| ITEM                      | CPS-1 | REVISED<br>CPS | NEW<br>LABEL   |
|---------------------------|-------|----------------|----------------|
| <u>EARNINGS (mis-4/8)</u> |       |                |                |
| Lead-in                   | -     | 26             | ERNP           |
| Usual hrs                 | 25A   | 20E-A          | HRUSL1         |
|                           |       | 20E-B          | HRUSL2         |
|                           |       | 20E_1          | HRFTPT         |
| Paid - Hour               | 25B   | 26G            | ERNRT          |
|                           |       | 26A            | ERNPR          |
| Hourly \$                 | 25C   | 26H            | ERNH2          |
|                           |       | 26C            | ERNHRT         |
| Hrs at Hrly rate          | -     | 26C-1          | ERNHR          |
| How paid                  | -     | 26A            | ERNPR          |
| Overtime/tips             | -     | 26B            | ERNUOT         |
| \$ paid overtime          | -     | 26D-1          | ERNOTA, ERNOTP |
| Wkly earnings             | 25D   | 26D-2          | ERNWK          |
| Monthly earnings          | -     | 26D-3          | ERNMON         |
| Annual earnings           | -     | 26D-4          | ERNANN         |
| Biweekly earnings         | -     | 26D-5          | ERNBWK         |
| Hrs/wk at                 | -     |                |                |
| overtime rate             | -     | 26D-1a         | ERNOH          |
| Est hrs/wk                | -     |                |                |
| overtime rate             | -     | 26D-1b         | ERNOHE         |
| Est-hourly                | -     | 26C-DK         | ERNHRE         |
| Est-OT, tips              | -     | 26D-1DK        | ERNOTE         |
| Est-weekly                | -     | 26D-2DK        | ERNOKP         |
| Est-monthly               | -     | 26D-3DK        | ERNOKP         |
| Est-annual                | -     | 26D-4DK        | ERNOKP         |
| Est-biweekly              | -     | 26D-5DK        | ERNOKP         |
| Verify weekly             | -     | 26D-1VER       | ERNVR1         |
| (reporting                | -     | 26D-1VER2      | ERNVR2         |
| hourly)                   | -     | 26D-1VER3      | ERNVR3         |
| Hourly rate corr          | -     | 26D-1VER2      | ERNH1C         |
| # hours corr              | -     | 26D-1VER2      | ERNHC          |
| OT amt corr               | -     | 26D-1VER2      | ERNOTC         |
| # OT hours corr           | -     | 26D-1VER2      | ERNH2C         |
| Corr wkly earnings        | -     | 26D-1VER2      | ERNWK1         |
| Verify weekly             | -     | 26D-2VER       | ERNVR4         |
|                           | -     | 26D-2VER2      | ERNCOR         |
| Verify monthly            | -     | 26D-3VER       | ERNVR4         |
|                           | -     | 26D-3VER2      | ERNCOR         |
| Verify annual             | -     | 26D-4VER       | ERNVR4         |
|                           | -     | 26D-4VER2      | ERNCOR         |
| Verify biweekly           | -     | 26D-5VER       | ERNVR4         |
|                           | -     | 26D-5VER2      | ERNCOR         |
| Wks per yr. pd            | -     | 26F            | ERNWKP         |
| Union                     | 25E   | 26I            | ERNLAB         |
|                           | 25F   | 26J            | ERNCOV         |

| ITEM                     | CPS-1 | REVISED<br>CPS | NEW<br>LABEL |
|--------------------------|-------|----------------|--------------|
| <u>NILF/RETIRED</u>      |       |                |              |
| Last worked              | -     | 27-1           | NLFJH        |
| Retired                  | -     | 27A            | NLFRET       |
| Main status              | -     | 27B            | NLFACT       |
| <u>SCHOOL ENROLLMENT</u> |       |                |              |
| Enrolled                 | 26A1  | 28A            | SCHENR       |
| Level-school             | 26A2  | 28A-1          | SCHLVL       |
| Ft/pt                    | 26B   | 28B            | SCHFT        |

## ATTACHMENT 10B

### SUPPLEMENT QUESTIONNAIRE CPS DISPLACED WORKERS SUPPLEMENT-1994

The skip instructions for each possible entry are found after the entry in parentheses. If an entry does not have a skip instruction, that entry would go to the next question or check item.

S33 During the last 3 calendar years, that is, January 1991 through December 1993, did you lose or leave a job because a plant or company closed or moved, your position or shift was abolished, insufficient work or another similar reason?

<1> Yes

<2> No (end)

<D> or <R> (end)

S34 Which of these specific reasons describes why you are no longer working at that job?

#### READ ANSWER CATEGORIES

<1> Plant or company closed down or moved

Plant or company operating but lost job because of:

<2> Insufficient work

<3> Position or shift abolished

<4> Seasonal job completed (end)

<5> Self-operated business failed (end)

<6> Some other reason (end)

<D> or <R> (end)

S35 When did you last work at that job?

<1> 1991 (skip to S38)

<2> 1992 (skip to S38)

<3> 1993 (go to S36CK)

<4> Other (end)

<D> or <R> (go to S36CK)

S36CK If S34 = 1 then go to S38 else ask S36

S36 Do you expect to be recalled to that job within the next 6 months?

<1> Yes

<2> No

<D> or <R>

S38 Had you been given written advance notice informing you that (you would lose your job/the plant or business would be closed)?

- <1> Yes (ask S39)
- <2> No (skip to S40)

<D> or <R> (skip to S40)

S39 How long before you were to have lost your job did you receive that notice?

- <1> Less than 1 month
- <2> 1 to 2 months
- <3> More than 2 months

<D> or <R>

S40 Were you employed by government, by a private company, a non-profit organization, or were you self employed or working in a family business?

- <1> Government (go to S41)
- <2> Private for profit company (skip to S43)
- <3> Non-profit organization including tax exempt and charitable organizations (skip to S43)
- <4> Self employed (end)
- <5> Working in the family business (skip to S42)

<D> or <R> skip to S43

S41 Would that be the federal, state, or local government?

- <1> Federal (skip to S44)
- <2> State (skip to S44)
- <3> Local (county, city, township) (skip to S44)

<D> or <R> skip to S44

S42 Were you working for pay?

- <1> Yes
- <2> No

<D> or <R>

S43 What was the name of the (company/non-profit organization) for which you worked?

DO NOT READ TO RESPONDENT:

(name of company, business, organization or other employer)

==> \_\_\_\_\_ (skip to S45)

<D> or <R> (skip to S45)

S44 What is the name of the government agency for which you worked?  
===> \_\_\_\_\_  
<D> or <R>

S45 What kind of business or industry was this?  
READ IF NECESSARY: What do they make or do where (name/you) worked?

===> \_\_\_\_\_  
<D> or <R> (skip to S47a)

S46 ASK IF NECESSARY:

Was this business or organization mainly manufacturing, retail trade, wholesale trade, or something else?

- <1> Manufacturing
- <2> Retail trade
- <3> Wholesale trade
- <4> Something else

===>  
<D> or <R>

S47a What kind of work did you do, that is, what was your occupation?  
(For example: plumber, typist, farmer)

===> \_\_\_\_\_  
<D> or <R>

S47b What were your usual activities or duties at that job?

(For example: typing, keeping account books, filing, selling cars, operating printing press, laying brick.)

===> \_\_\_\_\_  
===> \_\_\_\_\_  
<D> or <R>

S48

On that job, were you a member of a union or an employee association similar to a union?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No

===> \_

<D> or <R>

S49

Were you included in a group health insurance plan at that job?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No

===> \_

<D> or <R>

S50

How many years had you worked for that employer when you lost that job?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF YEARS

===> \_

<01-99>

<D> or <R>

S51

Did you usually work 35 hours or more per week at that job?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No

<3> Hours varied

===> \_

<D> or <R>

S52PRE

Now I would like to ask you about your earnings on the job you LOST.

<J> REFER TO CURRENT AND LOST JOB

ENTER <P> TO PROCEED

S52 What is the easiest way for you to report your total earnings on the job you LOST, BEFORE taxes or other deductions: hourly, weekly, annually, or on some other basis?

<J> REFER TO CURRENT AND LOST JOB

- <1> Hourly (go to S54)
- <2> Weekly (go to S54)
- <3> Bi-weekly (go to S54)
- <4> Twice monthly (go to S54)
- <5> Monthly (go to S54)
- <6> Annually (go to S54)
- <7> Other-specify (go to S53)

– (store entry in S52O)

<D> (store entry in S52O and skip to S54)

<R> (store entry in S52O and skip to S90)

S53 ENTER VERBATIM RESPONSE

<J> REFER TO CURRENT AND LOST JOB

===>

<D> or <R>

S54 Did you usually receive overtime pay, tips, or commissions on that job?

<J> REFER TO CURRENT AND LOST JOB

- <1> Yes
- <2> No

===> \_

<D> or <R>

S54CK-C If S52O = 1 skip to S55 else  
if S52O = 2, 7 or D skip to S78 else  
if S52O = 3 skip to S81 else  
if S52O = 4 or 5 skip to S79 else  
if S52O = 6 skip to S80

S55 ( /EXCLUDING overtime pay, tips and commissions,) (What/what) was your hourly rate of pay on that job?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

===>\$ \_\_. \_\_ (store entry in SENH1O and if entry is between 1 and 30 go to S59 else go to S57)

<D> (store in SENH1O and go to S56)

<R> (store in SENH1O and SERNX1 and go to S90)

S56 What is your best estimate of what your hourly rate of pay was on that job?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

===>\$\_\_ (store entry in SENH10 and if entry is between 1 and 30 skip to S59 else go to S57)

<D> (store in SENH10 and SERNX1 and skip to S90)

<R> (store in SENH10 and SERNX1 and skip to S90)

S57

\*\*\*\*\* DO NOT ASK THE RESPONDENT \*\*\*\*\*

HOURLY EARNINGS RECORDED AS: (amount) HOURLY  
IS THIS ENTRY CORRECT?

<1> Yes (skip to S59)

<2> No (ask S58)

===>\_

S58

\*\*\*\*\* DO NOT ASK THE RESPONDENT \*\*\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (amount) HOURLY  
CORRECT ENTRY IS:

===>\$\_\_ (store entry in SENH10)

S59

How many hours did you usually work per week at that rate?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF HOURS

<01-99>

===>\_\_ (store entry in S590 then go to S59CK)

<D> or <R> skip to S78

S59CK

If entry of 1 in S54 then ask S60 otherwise skip to S69

S60 On the job you lost, how much did you usually receive JUST in overtime pay, tips or commissions, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

- <1> Per hour (skip to S62)
- <2> Per day (ask S61)
- <3> Per week (ask S61)
- <4> Per month (ask S61)
- <5> Per year (ask S61)
- <6> Other (skip to S63)

<D> (store in SENOTO and skip to S63)

<R> (store in SENOTO and skip to S90)

S61 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*  
ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENOTO and if entry is not within range then skip to S64 otherwise skip to S66CK)

S62 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*  
ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ store in SENOTO (if not within range then skip to S66 else skip to S66CK)

S63 What is your best estimate of what your usual WEEKLY earnings were on that job -- JUST in overtime pay, tips, or commissions, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENOTO and if entry is not within range then skip to S64 else skip to S66CK)

<D> (store in SENOTO and skip to S90)

<R> (store in SENOTO and skip to S90)

S64 \*\*\*\*\* DO NOT ASK\*\*\*\*\*

Usual earnings in overtime pay, tips or commissions recorded as: (amount)

IS THIS ENTRY CORRECT?

- <1> Yes (skip to S66CK)
- <2> No (go to S65)

==>\_

S65

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

INCORRECT ENTRY WAS RECORDED AS: (amount)

CORRECT ENTRY IS:

==>\$ \_\_\_\_ (store entry in SENOTO and go to S66CK)

S66

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

INCORRECT ENTRY WAS RECORDED AS: (amount)

CORRECT ENTRY IS:

==>\$ \_\_\_\_ (store entry in SENOTO and go to S66CK)

S66CK

If S60 = 1 ask S67 else skip to S69.

S67

How many hours did you usually work per week at that rate?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF HOURS

==> \_\_\_\_ (skip to S69)

<D> (skip to S68)

<R> (skip to S90)

S68

What is your best estimate of the number of hours per week you usually worked at that rate?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF HOURS

==> \_\_\_\_ (ask S69)

<D> or <R> (skip to S90)

S69

I have estimated that your usual WEEKLY earnings on the job you lost were \$(amount)=[(S590 x SENH10)+SERN] before taxes or other deductions. Does that sound correct?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes (skip to S90)

<2> No (ask S70)

<D> (ask S70)

<R> (skip to S90)

S70

I have recorded:

1. (amount) as your hourly rate of pay.
2. (amount) as the number of hours you usually worked at this rate.
3. (amount) as the amount you usually (earned (weekly/hourly/monthly/annually) in overtime pay, tips and commissions.)
4. (S67/S68) as the number of hours per week (you usually work at this rate.)

Which piece or pieces of information do not seem to be correct?

DO NOT READ TO RESPONDENT:

Enter number(s) corresponding to line(s) requiring correction.

All information is correct. ENTER <P> TO PROCEED

<J> REFER TO CURRENT AND LOST JOB  
ENTER <N> FOR NO MORE

===> \_ ===> \_ ===> \_ ===> \_

If 1 in S70 ask S71 else  
if 2 in S70 skip to S72 else  
if 3 in S70 (then if S60=1 ask S74 else ask S73) else  
if 4 in S70 ask S75 else  
if P or D in S70 ask S76 else  
if R in S70 skip to S90

S71 What was your hourly rate of pay on the job you lost, excluding overtime pay, tips or commissions?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

===> \$ \_.

<D> or <R> (skip to S90)

If 2 in S70 skip to S72 else  
if 3 in S70 (then if S60=1 ask S74 else ask S73) else  
if 4 in S70 ask S75 else skip to S77

S72 How many hours did you usually work per week at the rate of (amount)?

<J> REFER TO CURRENT AND LOST JOB  
ENTER HOURS  
<01-99>

===> \_

<D> or <R> (skip to S90)

If 3 in S70 (then if S60=1 ask S74 else ask S73) else  
if 4 in S70 ask S75 else skip to S77

S73 How much did you usually earn (weekly/monthly/annually) just in overtime pay, tips or commissions on the job you lost?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

===>\$ \_\_\_\_ (skip to S74CK)

<D> or <R> (skip to S90)

S74 How much did you usually earn hourly just in overtime pay, tips or commissions?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

===>\$ \_\_\_\_

<D> or <R> (skip to S90)

S74CK If 4 in S70 ask S75 else skip to S77

S75 How many hours did you usually work per week at the rate of (amount)?

<J> REFER TO CURRENT AND LOST JOB  
ENTER HOURS  
<00-99>

===>\_\_ (skip to S77)

<D> or <R> (skip to S90)

S76 Then, including overtime pay, tips and commissions, what were your usual WEEKLY earnings on that job, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB  
CORRECT ENTRY IS:

===>\$ \_\_\_\_

<D> or <R> (skip to S90)

S77 I have estimated your total WEEKLY earnings on that job as \$(amount) WEEKLY before taxes or other deductions. Does that sound correct?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes (skip to S90)

<2> No (Irreconcilable difference) (skip to S90)

===>\_

<D> or <R> (skip to S90)

S78 (/Including overtime pay, tips and commissions,) What were your usual weekly earnings on the job you lost, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_ (store entry in SENAMT--if not in range skip to S83 else skip to S85)

<D> (store in SENAMT and skip to S82)

<R> (store in SENAMT and skip to S90)

S79 ( /Including overtime pay, tips and commissions,) what were your usual monthly earnings on the job you lost, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_ (store entry in SENAMT--if not in range skip to S83 else skip to S85)

<D> (store in SENAMT and skip to S82)

<R> (store in SENAMT and skip to S90)

S80 ( /Including overtime pay, tips and commissions,) What were your usual annual earnings on the job you lost, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_ (store entry in SENAMT--if not in range skip to S83 else skip to S85)

<D> (store in SENAMT and skip to S82)

<R> (store in SENAMT and skip to S90)

S81 ( /Including overtime pay, tips and commissions,) what were your usual bi-weekly earnings on the job you lost, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_ (store in SENAMT--if not in range skip to S83 else skip to S85)

<D> (store in SENAMT and ask S82)

<R> (store in SENAMT and skip to S90)

S82 What is your best estimate of what your usual (weekly/bi-weekly/monthly/annual) earnings were on the job you lost, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_ (store in SENAMT--if not in range go to S83 else skip to S85)

<D> (store in SENAMT and skip to S90)

<R> (store in SENAMT and skip to S90)

S83 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*

( /\*\*\*\*\* REPORTED EARNINGS ARE GREATER THAN \$72,000 \*\*\*\*\*)

(weekly/bi-weekly/monthly/annual) earnings recorded as: (amount)  
(weekly/bi-weekly/monthly/annual)  
IS THIS ENTRY CORRECT?

- <1> Yes (skip to S85)
- <2> No (go to S84)

===> \_

S84 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (amount)  
(weekly/bi-weekly/monthly/annually)

CORRECT ENTRY IS:

===>\$ \_\_\_\_\_ (store entry in SENAMT)

S85 I have recorded your total earnings on the job you lost as \$(amount) (weekly/bi-weekly/monthly/annually) before taxes or other deductions. Is that correct?

<J> REFER TO CURRENT AND LOST JOB

- <1> Yes (skip to S90)
- <2> No (ask S86)

<D> or <R> (skip to S90)

S86 ( /Including overtime pay, tips and commissions,) (What/what) were your usual (weekly/bi-weekly/monthly/annual) earnings on the job you lost, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

===>\$ \_\_\_\_\_ (store entry in SENAMT--if not within range go to S87 else skip to S90)

<D> or <R> (store entry in SENAMT and skip to S90)

S87

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

(weekly/bi-weekly/monthly/annual) earnings recorded as: (amount)  
(weekly/bi-weekly/monthly/annual)  
IS THIS ENTRY CORRECT?

- <1> Yes (skip to S90)
- <2> No (go to S88)

S88

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

INCORRECT ENTRY WAS RECORDED AS: (amount)  
(weekly/bi-weekly/monthly/annual)

CORRECT ENTRY IS:

== => \$\_\_\_\_\_ (store entry in SENAMT)

If entry of 6 in S52O ask S89 else skip to S90

S89

How many weeks a year did you get paid for at that job?

<J> REFER TO CURRENT AND LOST JOB

NUMBER OF WEEKS

== => \_\_\_\_\_

<D> or <R>

S90

Did you receive unemployment compensation benefits after that job ended?

<J> REFER TO CURRENT AND LOST JOB

- <1> Yes (ask S91)
- <2> No (skip to S92)

<D> or <R> (skip to S92)

S91

Did you exhaust your eligibility for unemployment benefits?

<J> REFER TO CURRENT AND LOST JOB

- <1> Yes
- <2> No

<D> or <R>

S92

Since you lost that job, have you moved to a different city or county?

<J> REFER TO CURRENT AND LOST JOB

- <1> Yes (go to S93)
- <2> No (skip to S94CK)

<D> or <R> skip to S94CK

S93

Was the reason for the move to look for work or to take a different job?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No

<D> or <R>

S94CK If PUMLR = 1 or 2 then skip to S96 else ask S94

S94 Have you worked since losing that job?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes (ask to S95)

<2> No (skip to S96)

<D> or <R> (skip to S96)

S95 After losing that job, how many weeks went by before you started working again at another job?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF WEEKS

OR <M> IF RESPONDENT CAN ONLY ANSWER IN MONTHS

==> \_\_ (if entry of M go to S95-mon else skip to S96)

<D> or <R> (skip to S96)

S95M ENTER NUMBER OF MONTHS

<1-23>

==> \_\_

S95V Then about (amount) weeks went by before you began working at another job. Is that correct?

<1> Yes (skip to S96)

<2> No (go to S95est)

<D> or <R> (skip to S96)

S95E What is your best estimate?

<1-99>

<D> or <R>

S96 Other than Medicare or Medicaid, are you now covered by any group health insurance plan?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No

<D> or <R>

S97 How many jobs have you held since losing that job?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF JOBS

<D> or <R>

S97CK If PUMLR = 1 or 2 then go to S98 else go to next person

S98 Now I have a few questions about earnings for your current job.

<J> REFER TO CURRENT AND LOST JOB

ENTER <P> TO PROCEED

S99 For your job, what is the easiest way for you to report your total earnings BEFORE taxes or other deductions: hourly, weekly, annually, or on some other basis?

READ IF NECESSARY:

We use this information to compare the amount that people earn in different types of jobs.

<J> REFER TO CURRENT AND LOST JOB

<1> Hourly (skip to S101)

<2> Weekly (skip to S101)

<3> Bi-weekly (skip to S101)

<4> Twice monthly (skip to S101)

<5> Monthly (skip to S101)

<6> Annually (skip to S101)

<7> Other-specify (go to S100)

==> \_\_ (store entry in S99O)

<D> (store entry in S99O and skip to S101)

<R> go to next person

S100 ENTER VERBATIM RESPONSE

<J> REFER TO CURRENT AND LOST JOB

====>

<D> or <R>

S101 Do you usually receive overtime pay, tips, or commissions(?/ at your MAIN job?)

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No

<D> or <R>

S101CK If S99O = 1 ask S102 else  
if S99O = 2, 7 or D skip to S125 else  
if S99O = 3 skip to S128 else  
if S99O = 4 or 5 skip to S126 else  
if S99O = 6 skip to S127

S102 ( /EXCLUDING overtime pay, tips and commissions,) (What/what) is your hourly rate of pay on  
(this/your MAIN) job?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

== => \$ \_\_\_\_ (store entry in SEH1OA--if not within range skip to S104 else go to S106)

<D> (store in SEH1OA and ask S103)

<R> (store in SEH1OA and SENX1A and go to next person)

S103 What is your best estimate of your hourly rate of pay?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

== => \$ \_\_\_\_ (store in SEH1OA--if not within range go to S104 else skip to S106)

<D> store in SEH1OA and SENX1A and go to next person

<R> store in SEH1OA and SENX1A and go to next person

S104 \*\*\*\*\* DO NOT ASK THE RESPONDENT \*\*\*\*\*

HOURLY EARNINGS RECORDED AS: (amount) HOURLY IS THIS ENTRY CORRECT?

<1> Yes (skip to S106)

<2> No (go to S105)

S105 \*\*\*\*\* DO NOT ASK THE RESPONDENT \*\*\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (amount) HOURLY CORRECT ENTRY IS:

== => \$ \_\_\_\_ (store entry in SEH1OA)

S106 How many hours do you usually work per week at this rate?

<J> REFER TO CURRENT AND LOST JOB

ENTER NUMBER OF HOURS

<01-99>

== => \_\_\_\_ (store entry in S106O and go to S107CK)

<D> or <R> go to S106CK

S106CK If <V>, <D> or <R> in HRUSL1 then go to S125 else store HRUSL1 entry in S106O then go to S107CK

S107CK If S101 equals 1 then go to S107 else go to S116

S107 (How/At your MAIN job, how) much do you usually receive JUST in overtime pay, tips or commissions, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

- <1> Per hour (skip to S109)
- <2> Per day (go to S108)
- <3> Per week (go to S108)
- <4> Per month (go to S108)
- <5> Per year (go to S108)
- <6> Other (skip to S110)

==> \_

<D>-store<D> in SENTOA and go to S110  
<R>-store<R> in SENTOA and go to next person

S108 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*  
ENTER DOLLAR AMOUNT

==>\$ \_\_\_\_ (store entry in SENTOA and if not within range go to S111 else go to S116)

S109 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*  
ENTER DOLLAR AMOUNT

==>\$ \_\_\_\_ (store entry in SENTOA and if not within range go to S111 else go to S114)

S110 What is your best estimate of how much you usually earn WEEKLY, JUST in overtime pay, tips, or commissions, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

==>\$ \_\_\_\_ (store entry in SENTOA and if not within range go to S111 else go to S116)

<D> or <R>-store entry in SENTOA and go to the next person

S111 \*\*\*\*\* DO NOT ASK\*\*\*\*\*

Usual (weekly/hourly/monthly/annual) earnings in overtime pay, tips or commissions recorded as:  
(amount)

IS THIS ENTRY CORRECT?

- <1> Yes (skip to S116)
- <2> No (if S107=1 go to S113 else go to S112)

==> \_

S112 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (amount)

CORRECT ENTRY IS:

==>\$ \_\_\_\_ (store entry in SENTOA and go to S116)

S113 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*

INCORRECT ENTRY WAS RECORDED AS: (amount)

CORRECT ENTRY IS:

==>\$ \_\_\_\_ (store entry in SENTOA)

S114 How many hours do you usually work per week at this rate?

<J> REFER TO CURRENT AND LOST JOB  
ENTER NUMBER OF HOURS

==>\_\_ (go to S116)

<D> (go to S115)

<R> (go to next person)

S115 What is your best estimate of the number of hours per week you usually work at this rate?

<J> REFER TO CURRENT AND LOST JOB  
ENTER NUMBER OF HOURS

==>\_\_ (go to S116)

<D> or <R> (go to next person)

S116 I have estimated your usual WEEKLY earnings (as/for your main job as) \$(amount=SENX1A) before taxes or other deductions. Does that sound correct?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes (go to next person)

<2> No (go to S117)

==>\_

<D> (go to S117)

<R> (go to next person)

S117 I have recorded:

1. (amount) as your hourly rate of pay.
2. (amount) as the number of hours you usually worked at this rate.
3. (amount) as the amount you usually (earned (weekly/hourly/monthly/annually) in overtime pay, tips and) (commissions.)
4. (amount) as the number of hours per week (you usually work at this rate.)

Which piece or pieces of information do not seem to be correct?

DO NOT READ TO RESPONDENT:

Enter number(s) corresponding to line(s) requiring correction.

All information is correct. ENTER <P> TO PROCEED

<J> REFER TO CURRENT AND LOST JOB  
ENTER <N> FOR NO MORE

===> \_ ===> \_ ===> \_ ===> \_

If S117=1 then go to S118 else  
if S117=2 then go to S119 else  
if S117=3 then (if S107=1 then go to S121 else go to S120) else  
if S117=4 then go to S122 else  
if S117=D or P go to S123 else  
if S117=R go to next person

S118 What is your hourly rate of pay on this job, excluding overtime pay, tips or commissions?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

===>\$ \_.

<D> or <R> (go to next person)

If S117=2 then go to S119 else  
if S117=3 then (if S107=1 then go to S121 else go to S120) else  
if S117=4 then go to S122 else skip to S124

S119 How many hours do you usually work per week at the rate of (amount)?

<J> REFER TO CURRENT AND LOST JOB  
ENTER HOURS  
<01-99>

===> \_

<D> or <R> (go to next person)

If S117=3 then (if S107=1 then go to S121 else go to S120) else  
if S117=4 then go to S122 else skip to S124

S120 How much do you usually earn (weekly/monthly/annually) just in overtime pay, tips or commissions?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

===>\$ \_ (skip to S122CK)

<D> or <R> (go to next person)

S121 How much do you usually earn hourly just in overtime pay, tips or commissions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

===>\$\_\_

<D> or <R> (go to next person)

S122CK

If S117=4 then go to S122 else skip to S124

S122

How many hours do you usually work per week at the rate of (amount)?

<J> REFER TO CURRENT AND LOST JOB

ENTER HOURS

<00-99>

===>\_\_ (skip to S124)

<D> or <R> (go to next person)

S123

Then, including overtime pay, tips and commissions, what are your usual WEEKLY earnings on (this/your main) job, before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

CORRECT ENTRY IS:

===>\$\_\_

<D> or <R> (go to next person)

S124 I have estimated your total WEEKLY earnings (as/, for your main job, as) \$(amount=SENX2A) WEEKLY before taxes or other deductions. Does that sound correct?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes

<2> No (Irreconcilable difference)

===>\_ (go to next person)

<D> or <R> (go to next person)

S125

( /Including overtime pay, tips and commissions,) What are your usual weekly earnings on (this job,/your MAIN job,) before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

===>\$\_\_ (store in SENATA and if not within range skip to S130 else skip to S132)

<D> (store in SENATA and go to S129)

<R> (store in SENATA and go to next person)

S126

( /Including overtime pay, tips and commissions,) what are your usual monthly earnings on (this job/your MAIN job), before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENATA and if not within range skip to S130 else skip to S132)

<D> (store in SENATA and skip to S129)

<R> (store in SENATA and go to the next person)

S127

( /Including overtime pay, tips and commissions,) What are your usual annual earnings on (this job/your MAIN job), before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENATA and if not within range skip to S130 else skip to S132)

<D> (store in SENATA and skip to S129)

<R> (store in SENATA and go to the next person)

S128

( /Including overtime pay, tips and commissions,) what are your usual bi-weekly earnings on (this job/your MAIN job), before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENATA and if not within range skip to S130 else skip to S132)

<D> (store in SENATA and go to S129)

<R> (store in SENATA and go to the next person)

S129

What is your best estimate of your usual (weekly/bi-weekly/monthly/annual) earnings before taxes or other deductions?

<J> REFER TO CURRENT AND LOST JOB

ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENATA and if not within range go to S130 else skip to S132)

<D> or <R> (go to next person)

S130

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

( /\*\*\*\*\* REPORTED EARNINGS ARE GREATER THAN \$72,000 \*\*\*\*\*)

(weekly/bi-weekly/monthly/annual) earnings recorded as: (amount)

(weekly/bi-weekly/monthly/annual)

IS THIS ENTRY CORRECT?

<1> Yes (skip to S132)

<2> No (go to S131)

S131

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

INCORRECT ENTRY WAS RECORDED AS: (amount)

(weekly/bi-weekly/monthly/annual)

CORRECT ENTRY IS:

==>\$\_\_\_\_\_ (store entry in SENATA)

S132 I have recorded your total earnings ( /for your) (as/main job as) \$(amount)  
(weekly/bi-weekly/monthly/annually) before taxes or other deductions. Is that correct?

<J> REFER TO CURRENT AND LOST JOB

<1> Yes (go to S136CK)

<2> No (go to S133)

==>\_

<D> or<R> (skip to S136CK)

S133 ( /Including overtime pay, tips and commissions,) (What/what) are your usual  
(weekly/bi-weekly/monthly/annual) earnings on (this/(your main) job, before taxes or  
other deductions?

<J> REFER TO CURRENT AND LOST JOB  
ENTER DOLLAR AMOUNT

==>\$\_\_\_\_\_ (store entry in SENATA and if not within range got to S134 else go to S136CK)

<D> or<R> (go to next person)

S134 \*\*\*\*\* DO NOT READ TO RESPONDENT \*\*\*\*\*

(weekly/bi-weekly/monthly/annual) earnings recorded as: (amount)  
(weekly/bi-weekly/monthly/annual)  
IS THIS ENTRY CORRECT?

<1> Yes (skip to S136CK)

<2> No (go to S135)

S135

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

INCORRECT ENTRY WAS RECORDED AS: (amount)  
(weekly/bi-weekly/monthly/annual)

CORRECT ENTRY IS:

==>\$ \_\_\_\_\_ (store in SENATA)

S136CK

If S99O equals 6 then ask S136 else go to next person

S136

How many weeks a year do you get paid for?

<J> REFER TO CURRENT AND LOST JOB  
NUMBER OF WEEKS

==>\_\_ (go to next person)

<D> or <R> (go to next person)

## ATTACHMENT 11

### INDUSTRY CLASSIFICATIONS

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

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

(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 Item PEI01ICD located in the adults record layout. These codes are located in positions 436-438 in all months except March. In March, these codes are in Item A-IND which is located in positions 0103-0105. These 3-digit codes are also used for classifying industry for the second job (PEI02ICD).

| 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   |

| Code    | Industry   |
|---------|--|
| 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   |

| Code    | Industry   |
|---------|--|
| 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)                                  |

| Code    | Industry   |
|---------|--|
| 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)                                       |

| Code    | Industry  |
|---------|---|
| 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)                          |

| Code    | Industry   |
|---------|--|
| 664-669 | not used   |
| 670     | Vending machine operators (5962)                                 |
| 671     | Direct selling establishments (5963)                             |
| 672     | Fuel dealers (598)   |
| 673-680 | not used   |
| 681     | Retail florists (5992)   |
| 682     | Miscellaneous retail stores (593, 5948, 5993-5995, 5999)         |
| 683-690 | not used   |
| 691     | Not specified retail trade                                       |
| 692-699 | not used   |
| 700-712 | <b>FINANCE, INSURANCE, AND REAL ESTATE</b>                       |
| 700     | Banking (60 except 603 and 606)                                  |
| 701     | Savings institutions, including credit unions (603, 606)         |
| 702     | Credit agencies, n.e.c. (61)                                     |
| 703-709 | not used   |
| 710     | Security, commodity brokerage, and investment companies (62, 67) |
| 711     | Insurance (63, 64)   |
| 712     | Real estate, including real estate-insurance offices (65)        |
| 713-720 | not used   |
| 721-760 | <b>BUSINESS AND REPAIR SERVICES</b>                              |
| 721     | Advertising (731)  |
| 722     | Services to dwellings and other buildings (734)                  |
| 723-730 | not used   |
| 731     | Personnel supply services (736)                                  |
| 732     | Computer and data processing services (737)                      |
| 733-739 | not used   |
| 740     | Detective and protective services (7381, 7382)                   |
| 741     | Business services, n.e.c. (732, 733, 735, 7383-7389)             |
| 742     | Automotive rental and leasing, without drivers (751)             |
| 743-749 | not used   |
| 750     | Automotive parking and carwashes (752, 7542)                     |
| 751     | Automotive repair and related services (753, 7549)               |
| 752     | Electrical repair shops (762, 7694)                              |
| 753-759 | not used   |
| 760     | Miscellaneous repair services (763, 764, 7692, 7699)             |
| 761-791 | <b>PERSONAL SERVICES</b>   |
| 761     | <b>PRIVATE HOUSEHOLDS (88)</b>                                   |
| 762-791 | <b>PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD</b>               |
| 762     | Hotels and motels (701)  |
| 763-769 | not used   |
| 770     | Lodging places, except hotels and motels (702, 703, 704)         |
| 771     | Laundry, cleaning, and garment services (721 except part 7219)   |
| 772     | Beauty shops (723)   |
| 773-779 | not used   |
| 780     | Barber shops (724)   |
| 781     | Funeral service and crematories (726)                            |
| 782     | Shoe repair shops (725)  |
| 783-789 | not used   |
| 790     | Dressmaking shops (part 7219)                                    |
| 791     | Miscellaneous personal services (722, 729)                       |
| 792-799 | not used   |

| Code    | Industry  |
|---------|---|
| 800-810 | ENTERTAINMENT AND RECREATION SERVICES                               |
| 800     | Theaters and motion pictures (781-783, 792)                         |
| 801     | Video tape rental (784)   |
| 802     | Bowling centers (795)   |
| 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)               |

| Code    | Industry  |
|---------|---|
| 894-899 | not used  |
| 900-932 | <b>PUBLIC ADMINISTRATION</b>  |
| 900     | Executive and legislative offices (911-913)   |
| 901     | General government, n.e.c. (919)  |
| 902-909 | not used  |
| 910     | Justice, public order, and safety (92)  |
| 911-920 | not used  |
| 921     | Public finance, taxation, and monetary policy (93)  |
| 922     | Administration of human resources programs (94)   |
| 923-929 | not used  |
| 930     | Administration of environmental quality and housing programs (95)                                 |
| 931     | Administration of economic programs (96)  |
| 932     | National security and international affairs (97)  |
| 933-990 | not used  |
| 991     | Assigned to persons whose labor force status is unemployed and whose last job was<br>Armed Forces |

# Detailed Industry Recodes (01-51)

These codes correspond to Item A-DTIND located in positions 218-219 of the adult record layout in all months except March. In March, these codes are located in positions 0157-0158.

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

| Detailed Industry                           | Recode | Industry Code       |
|---|--------|---------------------|
| Repair Services                             | 38     | 751-760             |
| Personal Services, Except Private Household | 39     | 762-791             |
| Entertainment and Recreation Services       | 40     | 800-810             |
| Hospitals                                   | 41     | 831                 |
| Health Services, Except Hospitals           | 42     | 812-830             |
|   |        | 832-840             |
| Educational Services                        | 43     | 842-860             |
| Social Services                             | 44     | 861-871             |
| Other Professional Services                 | 15     | 841,872-893         |
| Forestry and Fisheries                      | 46     | 031,032             |
| Justice, Public Order and Safety            | 47     | 910                 |
| Administration of Human Resource Programs   | 48     | 922                 |
| National Security and Internal Affairs      | 49     | 932                 |
| Other Public Administration                 | 50     | 900,901,921,930,931 |
| Armed Forces last job, currently employed   | 51     | 991                 |

# Major Industry Recodes (01-23)

These codes correspond to Item A-MJIND located in positions 216-217 of the adults record layout in all months except March. In March, these codes are located in positions 0155-0156.

| Major Industry   | Recode | Industry Code    |
|--|--------|------------------|
| Agriculture  | 01     | 010-030          |
| Mining   | 02     | 040-050          |
| Construction   | 03     | 060              |
| Manufacturing  |        |                  |
| (Durable Goods)  | 04     | 230-392          |
| Nondurable Goods   | 05     | 100-222          |
| Transportation, communications<br>and other public utilities |        |                  |
| Transportation   | 06     | 400-432          |
| Communications and public utilities                          |        |                  |
| Communications   | 07     | 440-442          |
| Utilities and sanitary service                               | 08     | 450-472          |
| Wholesale Trade  |        |                  |
| Wholesale trade  | 09     | 500-571          |
| Retail Trade   | 10     | 580-691          |
| Finance, insurance, and real estate                          | 11     | 700-712          |
| Services   |        |                  |
| Private households   | 12     | 761              |
| Miscellaneous services                                       |        |                  |
| Business and Repair Services                                 | 13     | 721-760          |
| Personal services, except pri. hhllds.                       | 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 12

### OCCUPATION CLASSIFICATIONS

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

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

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

These codes correspond to Item PEI01OCD located in the adults record layout. These codes are located in positions 439-441 in all months except March. In March, these codes are in Item A-OCC which is located in positions 0106-0108. These 3-digit codes are also used for classifying occupation for the second job (PEI02OCD).

| Code    | Occupation   |
|---------|--|
| 000-199 | MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS                        |
| 000-037 | EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS                    |
| 000-002 | not used   |
| 003     | Legislators (111)  |
| 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     | Postmasters and mail superintendents (1344)                              |
| 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   |

| Code    | Occupation  |
|---------|---|
| 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)                             |

| Code    | Occupation   |
|---------|--|
| 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)                                     |
| 174-177 | Social, Recreation, and Religious Workers                |
| 174     | Social workers (2032)                                    |

| Code    | Occupation   |
|---------|--|
| 175     | Recreation workers (2033)  |
| 176     | Clergy (2042)  |
| 177     | Religious workers, n.e.c. (2049)                                 |
| 178-179 | Lawyers and Judges   |
| 178     | Lawyers (211)  |
| 179     | Judges (212)   |
| 180-182 | 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 | <b>TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS</b>  |
| 203-235 | <b>TECHNICIANS AND RELATED SUPPORT OCCUPATIONS</b>               |
| 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)                       |

| Code    | Occupation  |
|---------|---|
| 234     | Legal assistants (396)  |
| 235     | Technicians, n.e.c. (399)   |
| 236-242 | not used  |
| 243-285 | <b>SALES OCCUPATIONS</b>  |
| 243     | Supervisors and Proprietors, Sales Occupations (40)                           |
| 244-252 | not used  |
| 253-257 | Sales Representatives, Finance and Business Services                          |
| 253     | Insurance sales occupations (4122)  |
| 254     | Real estate sales occupations (4123)  |
| 255     | Securities and financial services sales occupations (4124)                    |
| 256     | Advertising and related sales occupations (4153)                              |
| 257     | Sales occupations, other business services (4152)                             |
| 258-259 | Sales Representatives, Commodities, Except Retail                             |
| 258     | Sales engineers (421)   |
| 259     | Sales representatives, mining, manufacturing, and wholesale (423, 424)        |
| 260-262 | not used  |
| 263-278 | Sales Workers, Retail and Personal Services                                   |
| 263     | Sales workers, motor vehicles and boats (4342, 4344)                          |
| 264     | Sales workers, apparel (4346)   |
| 265     | Sales workers, shoes (4351)   |
| 266     | Sales workers, furniture and home furnishings (4348)                          |
| 267     | Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)                  |
| 268     | Sales workers, hardware and building supplies (4353)                          |
| 269     | Sales workers, parts (4367)   |
| 270-273 | not used  |
| 274     | Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)   |
| 275     | Sales counter clerks (4363)   |
| 276     | Cashiers (4364)   |
| 277     | Street and door-to-door sales workers (4366)                                  |
| 278     | News vendors (4365)   |
| 279-282 | not used  |
| 283-285 | Sales Related Occupations   |
| 283     | Demonstrators, promoters and models, sales (445)                              |
| 284     | Auctioneers (447)   |
| 285     | Sales support occupations, n.e.c. (444, 446, 449)                             |
| 286-302 | not used  |
| 303-389 | <b>ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL</b>                 |
| 303-307 | Supervisors, Administrative Support Occupations                               |
| 303     | Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)              |
| 304     | Supervisors, computer equipment operators (4512)                              |
| 305     | Supervisors, financial records processing (4521)                              |
| 306     | Chief communications operators (4523)   |
| 307     | Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528) |
| 308-309 | Computer Equipment Operators  |
| 308     | Computer operators (4612)   |
| 309     | Peripheral equipment operators (4613)   |
| 310-312 | not used  |
| 313-315 | Secretaries, Stenographers, and Typists                                       |
| 313     | Secretaries (4622)  |
| 314     | Stenographers (4623)  |
| 315     | Typists (4624)  |
| 316-323 | Information Clerks  |
| 316     | Interviewers (4642)   |
| 317     | Hotel clerks (4643)   |
| 318     | Transportation ticket and reservation agents (4644)                           |

| Code    | Occupation   |
|---------|--|
| 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 (4785)                                     |
| 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)   |

| Code    | Occupation   |
|---------|--|
| 386     | Statistical clerks (4794)  |
| 387     | Teachers' aides (4795)   |
| 388     | not used   |
| 389     | Administrative support occupations, n.e.c. (4787, 4799)            |
| 390-402 | not used   |
| 403-469 | <b>SERVICE OCCUPATIONS</b>   |
| 403-407 | <b>PRIVATE HOUSEHOLD OCCUPATIONS</b>                               |
| 403     | Launderers and ironers (503)                                       |
| 404     | Cooks, private household (504)                                     |
| 405     | Housekeepers and butlers (505)                                     |
| 406     | Child care workers, private household (506)                        |
| 407     | Private household cleaners and servants (502, 507, 509)            |
| 408-412 | not used   |
| 413-427 | <b>PROTECTIVE SERVICE OCCUPATIONS</b>                              |
| 413-415 | Supervisors, Protective Service Occupations                        |
| 413     | Supervisors, firefighting and fire prevention occupations (5111)   |
| 414     | Supervisors, police and detectives (5112)                          |
| 415     | Supervisors, guards (5113)   |
| 416-417 | Firefighting and Fire Prevention Occupations                       |
| 416     | Fire inspection and fire prevention occupations (5122)             |
| 417     | Firefighting occupations (5123)                                    |
| 418-424 | Police and Detectives  |
| 418     | Police and detectives, public service (5132)                       |
| 419-422 | not used   |
| 423     | Sheriffs, bailiffs, and other law enforcement officers (5134)      |
| 424     | Correctional institution officers (5133)                           |
| 425-432 | Guards   |
| 425     | Crossing guards (5142)   |
| 426     | Guards and police, except public service (5144)                    |
| 427     | Protective service occupations, n.e.c. (5149)                      |
| 428-432 | not used   |
| 433-469 | <b>SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD</b>        |
| 433-444 | <b>Food Preparation and Service Occupations</b>                    |
| 433     | Supervisors, food preparation and service occupations (5211)       |
| 434     | Bartenders (5212)  |
| 435     | Waiters and waitresses (5213)                                      |
| 436     | Cooks (5214, 5215)   |
| 437     | not used   |
| 438     | Food counter, fountain and related occupations (5216)              |
| 439     | Kitchen workers, food preparation (5217)                           |
| 440-442 | not used   |
| 443     | Waiters'/waitresses' assistants (5218)                             |
| 444     | Miscellaneous food preparation occupations (5219)                  |
| 445-447 | <b>Health Service Occupations</b>                                  |
| 445     | Dental assistants (5232)   |
| 446     | Health aides, except nursing (5233)                                |
| 447     | Nursing aides, orderlies, and attendants (5236)                    |
| 448-455 | <b>Cleaning and Building Service Occupations, Except Household</b> |
| 448     | Supervisors, cleaning and building service workers (5241)          |
| 449     | Maids and housemen (5242, 5249)                                    |
| 450-452 | not used   |
| 453     | Janitors and cleaners (5244)                                       |
| 454     | Elevator operators (5245)  |
| 455     | Pest control occupations (5246)                                    |

| Code    | Occupation   |
|---------|--|
| 456-469 | Personal Service Occupations                             |
| 456     | Supervisors, personal service occupations (5251)         |
| 457     | Barbers (5252)   |
| 458     | Hairdressers and cosmetologists (5253)                   |
| 459     | Attendants, amusement and recreation facilities (5254)   |
| 460     | not used   |
| 461     | Guides (5255)  |
| 462     | Ushers (5256)  |
| 463     | Public transportation attendants (5257)                  |
| 464     | Baggage porters and bellhops (5262)                      |
| 465     | Welfare service aides (5263)                             |
| 466     | Family child care providers (part 5264)                  |
| 467     | Early childhood teacher's assistants (part 5264)         |
| 468     | Child care workers, n.e.c. (part 5264)                   |
| 469     | Personal service occupations, n.e.c. (5258, 5269)        |
| 470-472 | not used   |
| 473-499 | FARMING, FORESTRY, AND FISHING OCCUPATIONS               |
| 473-476 | Farm Operators and Managers                              |
| 473     | Farmers, except horticultural (5512-5514)                |
| 474     | Horticultural specialty farmers (5515)                   |
| 475     | Managers, farms, except horticultural (5522-5524)        |
| 476     | Managers, horticultural specialty farms (5525)           |
| 477-489 | Other Agricultural and Related Occupations               |
| 477-484 | Farm Occupations, Except Managerial                      |
| 477     | Supervisors, farm workers (5611)                         |
| 478     | not used   |
| 479     | Farm workers (5612-5617)                                 |
| 480-482 | not used   |
| 483     | Marine life cultivation workers (5618)                   |
| 484     | Nursery workers (5619)                                   |
| 485-489 | Related Agricultural Occupations                         |
| 485     | Supervisors, related agricultural occupations (5621)     |
| 486     | Groundskeepers and gardeners, except farm (5622)         |
| 487     | Animal caretakers, except farm (5624)                    |
| 488     | Graders and sorters, agricultural products (5625)        |
| 489     | Inspectors, agricultural products (5627)                 |
| 490-493 | not used   |
| 494-496 | Forestry and Logging Occupations                         |
| 494     | Supervisors, forestry and logging workers (571)          |
| 495     | Forestry workers, except logging (572)                   |
| 496     | Timber cutting and logging occupations (573, 579)        |
| 497-499 | Fishers, Hunters, and Trappers                           |
| 497     | Captains and other officers, fishing vessels (part 8241) |
| 498     | Fishers (583)  |
| 499     | Hunters and trappers (584)                               |
| 500-502 | not used   |
| 503-699 | PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS      |
| 503-552 | Mechanics and Repairers                                  |
| 503     | Supervisors, mechanics and repairers (60)                |
| 504     | not used   |
| 505-549 | Mechanics and Repairers, Except Supervisors              |
| 505-517 | Vehicle and Mobile Equipment Mechanics and Repairers     |
| 505     | Automobile mechanics (part 6111)                         |
| 506     | Automobile mechanic apprentices (part 6111)              |
| 507     | Bus, truck, and stationary engine mechanics (6112)       |

| Code    | Occupation   |
|---------|--|
| 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)  |

| Code    | Occupation  |
|---------|---|
| 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  |

| Code    | Occupation  |
|---------|---|
| 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)  |

| Code    | Occupation  |
|---------|---|
| 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)                   |

| Code    | Occupation  |
|---------|---|
| 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)                     |
| 835-842 | not used  |
| 843-859 | Material Moving Equipment Operators                             |
| 843     | Supervisors, material moving equipment operators (812)          |
| 844     | Operating engineers (8312)                                      |
| 845     | Longshore equipment operators (8313)                            |
| 846-847 | not used  |
| 848     | Hoist and winch operators (8314)                                |
| 849     | Crane and tower operators (8315)                                |
| 850-852 | not used  |
| 853     | Excavating and loading machine operators (8316)                 |
| 854     | not used  |
| 855     | Grader, dozer, and scraper operators (8317)                     |
| 856     | Industrial truck and tractor equipment operators (8318)         |
| 857-858 | not used  |
| 859     | Miscellaneous material moving equipment operators (8319)        |
| 860-863 | not used  |

| Code    | Occupation  |
|---------|---|
| 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 Item A-DTOCC located in positions 222-223 of the adults record layout in all months except March. In March, these codes are located in positions 0161-0162.

| Detailed Occupation   | Recode | Occupation Code                 |
|---|--------|---------------------------------|
| Administrators and Officials,<br>Public Administration          | 01     | 003-006                         |
| Other Executive, Administrators, and Managers                   | 02     | 007-022                         |
| Management Related Occupations                                  | 03     | 023-037                         |
| Engineers   | 04     | 044-059                         |
| Mathematical and Computer Scientists                            | 05     | 064-068                         |
| Natural Scientists  | 06     | 069-083                         |
| Health Diagnosing Occupations                                   | 07     | 084-089                         |
| Health Assessment and Treating Occupations                      | 08     | 095-106                         |
| Teachers, College and University                                | 09     | 113-154                         |
| Teachers, Except College and University                         | 10     | 155-159                         |
| Lawyers and Judges  | 11     | 178-179                         |
| Other Professional Specialty Occupations                        | 12     | 043,063,<br>163-177,<br>183-199 |
| Health Technologists and Technicians                            | 13     | 203-208                         |
| Engineering and Science Technicians                             | 14     | 213-225                         |
| Technicians, Except Health<br>Engineering, and Science          | 15     | 226-235                         |
| Supervisors and Proprietors,<br>Sales Occupations               | 16     | 243                             |
| Sales Representatives, Finance,<br>and Business Service         | 17     | 253-257                         |
| Sales Representatives, Commodities,<br>Except Retail            | 18     | 258-259                         |
| Sales Workers, Retail and<br>Personal Services                  | 19     | 263-278                         |
| Sales Related Occupations                                       | 20     | 283-285                         |
| Supervisors - Administrative Support                            | 21     | 303-307                         |
| Computer Equipment Operators                                    | 22     | 308-309                         |
| Secretaries, Stenographers, and Typists                         | 23     | 313-315                         |
| Financial Records, Processing Occupations                       | 24     | 337-344                         |
| Mail and Message Distributing                                   | 25     | 354-357                         |
| Other Administrative Support Occupations,<br>Including Clerical | 26     | 316-336,<br>345-353,<br>359-389 |
| Private Household Service Occupations                           | 27     | 403-407                         |
| Protective Service Occupations                                  | 28     | 413-427                         |
| Food Service Occupations  | 29     | 433-444                         |
| Health Service Occupations                                      | 30     | 445-447                         |
| Cleaning and Building Service Occupations                       | 31     | 448-455                         |
| Personal Service Occupations                                    | 32     | 456-469                         |

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

# Major Occupation Group Recodes (01-14)

These codes correspond to the Item A-MJOCC located in positions 220-221 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     | 003-037         |
| 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 13

### Specific Metropolitan Identifiers

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1984 definitions and are ranked according to Census Bureau population estimates for July 1, 1983. Identification of CMSA's is based solely on the CMSA/MSA rank code (See List 1). MSA's can be identified by using either the CMSA/MSA rank code (List 1) or the FIPS MSA/PMSA code (List 4). PMSA's can be identified by either the FIPS MSA/PMSA code (List 4) or a combination of the CMSA/MSA rank codes and the PMSA rank code (List 2). Identification of individual central cities is based on a combination of codes (See List 3). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code or the appropriate central city code, the CMSA/MSA rank code, and, if necessary, the PMSA rank code. Some examples of the proper coding of specific metropolitan areas are given below.

| <u>AREA</u>                   | <u>CMSA/<br/>MSA<br/>RANK<br/>(MSARANK)</u> | <u>PMSA<br/>RANK<br/>CODE<br/>(PMSARANK)</u> | <u>INDIVIDUAL<br/>CENTRAL<br/>CITY CODE<br/>(CCCODE)</u> | <u>FIPS<br/>MSA/PMSA<br/>CODE<br/>(SMSAFIPS)</u> |
|-------------------------------|---|--|--|--|
|                               | List 1                                      | List 2                                       | List 3   | List 4   |
| Dallas-Fort Worth, TX CMSA    | 010   | N/C  | N/C  | N/C  |
| Fort Worth-Arlington, TX PMSA | 010   | 02   | N/C  | N/C  |
| OR                            | N/C   | N/C  | N/C  | 2800   |
| Fort Worth, TX Central City   | 010   | 02   | 1  | N/C  |
| OR                            | N/C   | N/C  | 1  | 2800   |
| Phoenix, AZ MSA               | 023   | N/C  | N/C  | N/C  |
| OR                            | N/C   | N/C  | N/C  | 6200   |
| Mesa, AZ Central City         | 023   | N/C  | 2  | N/C  |
| OR                            | N/C   | N/C  | 2  | 6200   |
| Burlington, VT MSA            | 224   | N/C  | N/C  | N/C  |
| OR                            | N/C   | N/C  | N/C  | 1305   |

N/C = No Code Required

#### NOTES:

1. Do not attempt to tally CMSA totals by summing identified PMSA's. The specific PMSA identification for some PMSA's is suppressed while the specific CMSA for those areas is available. The New Hampshire portion of the Boston CMSA is an example of this. While specific identification of Nashua and the Lawrence-Haverill and Lowell portions is suppressed, all areas are coded as being in the Boston CMSA.
2. Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the central city metropolitan statistical area residence status code (CCCSMSA). It is recommended that this code in conjunction with the modified metropolitan statistical area residence status code (MSTSMSAR) be used for tallying metropolitan residence status for national and other grouped data.

LIST 1: CMSA/MSA 1983 HANK CODES (MSARANK)

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>CMSA/MSA TITLE</u>   |
|--|--|---|
| 001                                    |  | New York-New Jersey-Long Island, NY-NJ CMSA                                     |
| 002                                    |  | Los Angeles-Anaheim-Riverside, CA CMSA  |
| 003                                    |  | Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in sample)       |
| 004                                    |  | Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA (Maryland portion suppressed) |
| 005                                    |  | San Francisco-Oakland-San Jose, CA CMSA   |
| 006                                    |  | Detroit-Ann Arbor, MI CMSA  |
| 007                                    |  | Boston-Lawrence-Salem, MA-NH CMSA   |
| 008                                    |  | Houston-Galveston-Brazoria, TX CMSA   |
| 009                                    | 8840                                   | Washington, DC-VA MSA   |
| 010                                    |  | Dallas-Fort Worth, TX CMSA  |
| 011                                    |  | Cleveland-Akron-Lorain, OH CMSA   |
| 012                                    |  | Miami-Fort Lauderdale, FL CMSA  |
| 013                                    |  | Pittsburgh-Beaver Valley, PA CMSA   |
| 014                                    |  | St. Louis, MO-IL CMSA   |
| 015                                    | 0520                                   | Atlanta, GA MSA   |
| 016                                    | 0720                                   | Baltimore, MD MSA   |
| 017                                    | 5120                                   | Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)              |
| 018                                    |  | Seattle-Tacoma, WA CMSA   |
| 019                                    | 7320                                   | San Diego, CA MSA   |
| 020                                    | 8280                                   | Tampa-St. Petersburg-Clearwater, FL MSA   |
| 021                                    |  | Denver-Boulder, CO CMSA   |
| 022                                    |  | Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not identified)             |
| 023                                    | 6200                                   | Phoenix, AZ MSA   |
| 024                                    |  | Milwaukee-Racine, WI CMSA   |
| 025                                    | 3760                                   | Kansas City, MO-KS MSA  |
| 026                                    |  | Portland-Vancouver, OR-WA CMSA  |
| 027                                    | 5560                                   | New Orleans, LA MSA   |
| 028                                    | 1840                                   | Columbus, OH MSA  |
| 029                                    | 5720                                   | Norfolk-Virginia Beach-Newport News, VA MSA                                     |
| 030                                    |  | Buffalo-Niagara Falls, NY CMSA  |
| 031                                    | 6920                                   | Sacramento, CA MSA  |
| 032                                    | 3480                                   | Indianapolis, IN MSA  |
| 033                                    | 7240                                   | San Antonio, TX MSA   |
| 034                                    |  | Providence-Pawtucket-Fall River, RI-MA CMSA                                     |
| 035                                    | 1520                                   | Charlotte-Gastonia-Rock Hill, NC-SC MSA   |
| 036                                    |  | Hartford-New Britain-Middletown, CT CMSA  |
| 037                                    | 7160                                   | Salt Lake City-Ogden, UT MSA  |
| 038                                    | 6840                                   | Rochester, NY MSA   |
| 039                                    | 5880                                   | Oklahoma City, OK MSA   |
| 040                                    | 4520                                   | Louisville, KY-IN MSA   |
| 041                                    | 2000                                   | Dayton-Springfield, OH MSA  |
| 042                                    | 4920                                   | Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)        |
| 043                                    | 1000                                   | Birmingham, AL MSA  |
| 044                                    | 5360                                   | Nashville, TN MSA   |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>CMSA/MSA TITLE</u>  |
|--|--|--|
| 045                                    | 3120                                   | Greenboro-Winston Salem-High Point, NC MSA   |
| 046                                    | 0160                                   | Albany-Schenectady-Troy NY MSA   |
| 047                                    | 3320                                   | Honolulu, HI MSA   |
| 048                                    | 5960                                   | Orlando, FL MSA  |
| 049                                    | 6760                                   | Richmond-Petersburg, VA MSA (Dinwiddie and Prince George<br>counties and Colonial Heights, Hopewell, and Petersburg cities not in<br>sample) |
| 050                                    | 3600                                   | Jacksonville, FL MSA   |
| 051                                    | 7560                                   | Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)  |
| 052                                    | 0560                                   | Tulsa, OK MSA  |
| 053                                    | 8960                                   | West Palm Beach-Boca Raton-Delray Beach, FL MSA  |
| 054                                    | 8160                                   | Syracuse, NY MSA   |
| 055                                    | 0240                                   | Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)   |
| 056                                    | 0640                                   | Austin, TX MSA   |
| 057                                    | 3000                                   | Grand Rapids, MI MSA   |
| 058                                    | 8400                                   | Toledo, OH MSA   |
| 059                                    | 5920                                   | Omaha, NE-IA MSA (Iowa portion not identified)   |
| 060                                    | 6640                                   | Raleigh-Durham, NC MSA   |
| 061                                    | 3160                                   | Greenville-Spartanburg, SC MSA   |
| 062                                    | 3840                                   | Knoxville, TN MSA  |
| 063                                    | 8520                                   | Tucson, AZ MSA   |
| 064                                    | 3240                                   | Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in<br>sample)  |
| 065                                    | 2840                                   | Fresno, CA MSA   |
| 066                                    | 0760                                   | Baton Rouge, LA MSA  |
| 067                                    | 9320                                   | Youngstown-Warren, OH MSA  |
| 068                                    | 4120                                   | Las Vegas, NV MSA  |
| 069                                    | 8000                                   | Springfield, MA MSA  |
| 070                                    | 2320                                   | El Paso, TX MSA  |
| 071                                    | 5480                                   | New Haven-Meriden, CT MSA  |
| 072                                    | 4400                                   | Little Rock-North Little Rock, AR MSA  |
| 073                                    | 1440                                   | Charleston, SC MSA   |
| 074                                    | 5160                                   | Mobile, AL MSA (Baldwin county not in sample)  |
| 075                                    | 0680                                   | Bakersfield, CA MSA  |
| 076                                    | 3660                                   | Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not<br>identified)   |
| 077                                    | 2640                                   | Flint, MI MSA  |
| 078                                    | 0200                                   | Albuquerque, NM MSA  |
| 079                                    | 9040                                   | Wichita, KS MSA  |
| 080                                    | 1760                                   | Columbia, SC MSA   |
| 081                                    | 1560                                   | Chattanooga, TN-GA MSA (Marion and Sequatchie counties<br>Tennessee not in sample)   |
| 082                                    | 6960                                   | Saginaw-Bay City-Midland, MI MSA   |
| 083                                    | 4040                                   | Lansing-East Lansing, MI MSA   |
| 084                                    | 9240                                   | Worcester, MA MSA  |
| 085                                    | 1320                                   | Canton, OH MSA   |
| 086                                    | 0840                                   | Beaumont-Port Arthur, TX MSA   |
| 087                                    | 9280                                   | York, PA MSA   |
| 088                                    | 1960                                   | Davenport-Rock Island-Moline, IA-IL MSA  |
| 089                                    | 8120                                   | Stockton, CA MSA   |
| 090                                    | 2120                                   | Des Moines, IA MSA (Dallas county not in sample)   |
| 091                                    | 4000                                   | Lancaster, PA MSA  |
| 092                                    | 3560                                   | Jackson, MS MSA  |
| 093                                    | 6120                                   | Peoria, IL MSA   |
| 094                                    | 0600                                   | Augusta, GA-SC, MSA  |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>CMSA/MSA TITLE</u>  |
|--|--|--|
| 095                                    | 1880                                   | Corpus Christi, TX MSA   |
| 096                                    | 7680                                   | Shreveport, LA MSA   |
| 097                                    | 2760                                   | Fort Wayne, IN MSA   |
| 098                                    | 7840                                   | Spokane, WA MSA  |
| 099                                    | 3980                                   | Lakeland-Winter Haven, FL MSA  |
| 100                                    | 1720                                   | Colorado Springs, CO MSA   |
| 101                                    | 3400                                   | Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified) |
| 102                                    | 4720                                   | Madison, WI MSA  |
| 103                                    | 4880                                   | McAllen-Edinburg-Mission, TX MSA   |
| 104                                    | 4200                                   | Lexington-Fayette, KY MSA  |
| 105                                    | 8680                                   | Utica-Rome, NY MSA   |
| 106                                    | 7480                                   | Santa Barbara-Santa Maria-Lompoc, CA MSA                                     |
| 107                                    | 6680                                   | Reading, PA MSA  |
| 108                                    | 6080                                   | Pensacola, FL MSA  |
| 109                                    | 7120                                   | Salinas-Seaside-Monterey, CA MSA   |
| 110                                    | 4900                                   | Melbourne-Titusville-Palm Bay, FL MSA  |
| 111                                    | 0460                                   | Appleton-Oshkosh-Neenah, WI MSA  |
| 112                                    | 2020                                   | Daytona Beach, FL MSA  |
| 113                                    | 5170                                   | Modesto, CA MSA  |
| 115                                    | 5240                                   | Montgomery, AL MSA   |
| 116                                    | 2360                                   | Erie, PA MSA   |
| 117                                    | 6880                                   | Rockford, IL MSA   |
| 118                                    | 2440                                   | Evansville, IN-KY MSA (Kentucky portion not identified)                      |
| 119                                    | 4600                                   | Macon-Warner Robins, GA MSA  |
| 120                                    | 1400                                   | Charleston, WV MSA   |
| 121                                    | 2400                                   | Eugene-Springfield, OR MSA   |
| 122                                    | 0960                                   | Binghamton, NY MSA   |
| 123                                    | 8700                                   | Visalia-Tulare-Porterville, CA MSA   |
| 124                                    | 3680                                   | Johnstown, PA MSA  |
| 125                                    | 2240                                   | Duluth, MN-WI MSA (Wisconsin portion not identified)                         |
| 126                                    | 5520                                   | New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)              |
| 127                                    | 7000                                   | Salem, OR MSA  |
| 128                                    | 6460                                   | Poughkeepsie, NY MSA   |
| 129                                    | 2560                                   | Fayetteville, NC MSA   |
| 130                                    | 1800                                   | Columbus, GA-AL MSA (Alabama portion not in sample)                          |
| 131                                    | 2700                                   | Fort Myers, FL MSA   |
| 132                                    | 7000                                   | South Bend-Mishawaka, IN MSA   |
| 133                                    | 6520                                   | Provo-Orem, UT MSA (Central City portion only identified)                    |
| 134                                    | 1240                                   | Brownsville-Harlingen, TX MSA  |
| 135                                    | 7520                                   | Savannah, GA MSA   |
| 136                                    | 7510                                   | Sarasota, FL MSA   |
| 137                                    | 6000                                   | Roanoke, VA MSA  |
| 138                                    | 4600                                   | Lubbock, TX MSA  |
| 139                                    | 3080                                   | Lafayette, LA MSA  |
| 140                                    | 3810                                   | Killeen-Temple, TX MSA   |
| 141                                    | 7920                                   | Springfield, MO MSA  |
| 142                                    | 3720                                   | Kalamazoo, MI MSA  |
| 143                                    | 0300                                   | Anchorage, AK MSA  |
| 144                                    | 6720                                   | Reno, NV MSA (Central City portion only identified)                          |
| 145                                    | 3290                                   | Hickory, NC MSA  |
| 146                                    | 3440                                   | Huntsville, AL MSA   |
| 147                                    | 8000                                   | Waterbury, CT MSA  |
| 148                                    | 8240                                   | Tallahassee, FL MSA  |
| 149                                    | 6450                                   | Portsmouth-Dover-Rochester, NH-ME MSA  |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>CMSA/MSA TITLE</u>   |
|--|--|---|
|  |  | (Maine portion not entirely in sample and it is not identified) |
| 150                                    | 6400                                   | Portland, ME MSA  |
| 151                                    | 4360                                   | Lincoln, NE MSA   |
| 152                                    | 0920                                   | Biloxi-Gulfport, MS MSA   |
| 153                                    | 3350                                   | Houma-Thibodaux, LA MSA   |
| 154                                    | 7080                                   | Springfield, IL MSA   |
| 156                                    | 1000                                   | Boise City, ID MSA  |
| 157                                    | 2900                                   | Gainesville, FL MSA   |
| 158                                    | 9000                                   | Wheeling, WV-OH MSA (Ohio portion not identified)               |
| 161                                    | 8000                                   | Waco, TX MSA  |
| 163                                    | 3960                                   | Lake Charles, LA MSA  |
| 164                                    | 1360                                   | Cedar Rapids, IA MSA  |
| 165                                    | 5400                                   | New Bedford, MA MSA   |
| 166                                    | 1400                                   | Champaign-Urbana-Rantoul, IL MSA                                |
| 169                                    | 2720                                   | Fort Smith, AR-OK MSA (Oklahoma portion not in sample)          |
| 170                                    | 1140                                   | Bradenton, FL MBA   |
| 171                                    | 0480                                   | Asheville, NC MSA   |
| 172                                    | 0870                                   | Benton Harbor, MI MSA   |
| 173                                    | 8920                                   | Waterloo-Cedar Falls, IA MSA                                    |
| 174                                    | 2670                                   | Fort Collins-Loveland, CO MBA                                   |
| 178                                    | 8440                                   | Topeka, KS MSA (Central City portion only identified)           |
| 179                                    | 1620                                   | Chico, CA MSA   |
| 180                                    | 5320                                   | Muskegon, MI MSA  |
| 181                                    | 4320                                   | Lima, OH MSA  |
| 184                                    | 5790                                   | Ocala, FL MSA   |
| 185                                    | 3520                                   | Jackson, MS MSA   |
| 186                                    | 5200                                   | Monroe, LA MSA  |
| 192                                    | 8600                                   | Tuscaloosa, AL MSA  |
| 193                                    | 0780                                   | Battle Creek, MI MSA  |
| 194                                    | 0405                                   | Anderson, SC MSA  |
| 197                                    | 5910                                   | Olympia, WA MSA   |
| 198                                    | 8320                                   | Terre Haute, IN MSA   |
| 199                                    | 2650                                   | Florence, AL MSA  |
| 201                                    | 0280                                   | Altoona, PA MSA   |
| 202                                    | 0400                                   | Anderson, IN MSA  |
| 203                                    | 4760                                   | Manchester, NH MSA  |
| 204                                    | 4890                                   | Medford, OR MBA   |
| 207                                    | 3710                                   | Joplin, MO MSA  |
| 209                                    | 4800                                   | Mansfield, OH MSA   |
| 211                                    | 7610                                   | Sharon, PA MSA  |
| 216                                    | 6560                                   | Pueblo, CO MSA  |
| 219                                    | 4200                                   | Lawton, OK MSA  |
| 221                                    | 1040                                   | Bloomington-Normal, IL MSA                                      |
| 222                                    | 2750                                   | Fort Walton Beach, FL MSA                                       |
| 224                                    | 1305                                   | Burlington, VT MSA  |
| 225                                    | 9140                                   | Williamsport, PA MSA  |
| 226                                    | 7720                                   | Sioux City, IA-NE MSA (Nebraska portion not in sample)          |
| 231                                    | 7760                                   | Sioux Falls, SD MSA   |
| 233                                    | 2655                                   | Florence, SC MSA  |
| 240                                    | 0860                                   | Bellingham, WA MSA  |
| 242                                    | 9340                                   | Yuba City, CA MSA   |
| 246                                    | 1740                                   | Colombia, MO MSA  |
| 247                                    | 2880                                   | Gadsden, AL MSA   |
| 248                                    | 2580                                   | Fayetteville-Springdale, AR MSA                                 |
| 252                                    | 3740                                   | Kankakee, IL MSA  |

# LIST 2: PMSA 1983 RANK CODES (PMSARANK)

Note: The PMSA Rank is assigned based on a PMSA's population when compared to other PMSA's within the parent CMSA,

| <u>CMSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA<br/>PMSA<br/>CODE</u> | <u>PMSA TITLE</u>  |
|-------------------------------|-------------------------------|---------------------------------------|--|
| 001                           | 01                            | 5600                                  | New York, NY   |
|                               | 02                            | 5380                                  | Nassau-Suffolk, NY   |
|                               | 03                            | 5640                                  | Newark, NJ   |
|                               | 04                            | 0875                                  | Bergen-Passaic, NJ   |
|                               | 05                            | 5015                                  | Middlesex-Somerset-Hunterdon, NJ   |
|                               | 06                            | 5190                                  | Monmouth-Ocean, NJ   |
|                               | 07                            | 3640                                  | Jersey City, NJ  |
|                               | 08                            | 1160                                  | Bridgeport-Milford, CT   |
|                               | 09                            | 5950                                  | Orange County, NY  |
|                               | 10                            | 8040                                  | Stamford, CT   |
|                               | 11                            | 1930                                  | Danbury, CT  |
|                               | 12                            | 5760                                  | Norwalk, CT  |
| 002                           | 01                            | 4480                                  | Los Angeles-Long Beach, CA   |
|                               | 02                            | 0360                                  | Anaheim-Santa Ana, CA  |
|                               | 03                            | 6780                                  | Riverside-San Bernardino, CA   |
|                               | 04                            | 6000                                  | Oxnard-Ventura, CA   |
| 003                           | 01                            | 1600                                  | Chicago, IL  |
|                               | 02                            | 2960                                  | Gary-Hammond, IN   |
|                               | 03                            | 3965                                  | Lake County, IL  |
|                               | 04                            | 3690                                  | Joliet, IL   |
|                               | 05                            | 0620                                  | Aurora-Elgin, IL   |
| 004                           | 01                            | 6160                                  | Philadelphia, PA-NJ  |
|                               | 02                            | 9160                                  | Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.) |
|                               | 03                            | 8480                                  | Trenton, NJ  |
| 005                           | 01                            | 5775                                  | Oakland, CA  |
|                               | 02                            | 7360                                  | San Francisco, CA  |
|                               | 03                            | 7400                                  | San Jose, CA   |
|                               | 04                            | 8720                                  | Vallejo-Fairfield-Napa, CA   |
|                               | 05                            | 7500                                  | Santa Rosa-Petaluma, CA  |
|                               | 06                            | 7485                                  | Santa Cruz, CA   |
| 006                           | 01                            | 2160                                  | Detroit, MI  |
|                               | 02                            | 0440                                  | Ann Arbor, MS  |
| 007                           | 01                            | 1120                                  | Boston, MA   |
|                               | 02                            | 4160                                  | Lawrence-Haverhill, MA-NH (New Hampshire portion not identified)                       |
|                               | 03                            | 7090                                  | Salem-Gloucester, MA   |
|                               | 04                            | 4560                                  | Lowell, MA-NH (New Hampshire portion not identified)                                   |
|                               | 05                            | 1200                                  | Brockton, MA   |
| 008                           | 01                            | 3360                                  | Houston, TX  |
|                               | 02                            | 2920                                  | Galveston-Texas City, TX   |
|                               | 03                            | 1145                                  | Brazoria, TX   |

| <u>CMSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA<br/>PMSA<br/>CODE</u> | <u>PMSA TITLE</u>  |
|-------------------------------|-------------------------------|---------------------------------------|--|
| 010                           | 01                            | 1920                                  | Dallas, TX   |
|                               | 02                            | 2800                                  | Fort Worth-Arlington, TX   |
| 011                           | 01                            | 1680                                  | Cleveland, OH  |
|                               | 02                            | 0080                                  | Akron, OH  |
|                               | 03                            | 4440                                  | Lorain-Elyria, OH  |
| 012                           | 01                            | 5000                                  | Miami-Hialeah, FL  |
|                               | 02                            | 2680                                  | Fort Lauderdale-Hollywood-Pompano Beach, FL  |
| 013                           | 01                            | 6280                                  | Pittsburgh, PA   |
|                               | 02                            | 0845                                  | Beaver County, PA  |
| 014                           | 01                            | 7040                                  | St. Louis, MO-IL (Illinois portion not identified)   |
| 018                           | 01                            | 7600                                  | Seattle, WA  |
|                               | 02                            | 8200                                  | Tacoma, WA   |
| 021                           | 01                            | 2080                                  | Denver, CO   |
|                               | 02                            | 1125                                  | Boulder-Longmont, CO   |
| 022                           | 01                            | 1640                                  | Cincinnati, OH-KY-IN (Indiana portion not identified)  |
|                               | 02                            | 3200                                  | Hamilton-Middletown, OH  |
| 024                           | 01                            | 5080                                  | Milwaukee, WI  |
|                               | 02                            | 6600                                  | Racine, WI   |
| 026                           | 01                            | 6440                                  | Portland, OR   |
|                               | 02                            | 8725                                  | Vancouver, WA  |
| 030                           | 01                            | 1280                                  | Buffalo, NY  |
|                               | 02                            | 5700                                  | Niagara Falls, NY  |
| 034                           | 01                            | 6480                                  | Providence, RI   |
|                               | 02                            | 6060                                  | Pawtucket-Woonsocket-Attleboro, RI-MA<br>(Rhode Island-Central City portion only identified) |
| 036                           | 01                            | 3280                                  | Hartford, CT   |
|                               | 02                            | 5440                                  | New Britain, CT  |

**LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)**

| <u>CMSA/MSA<br/>RANK<br/>CODE<br/>(MSARANK)</u> | <u>PMSA<br/>RANK<br/>CODE<br/>(PMSARANK)</u> | <u>INDIVIDUAL<br/>CENTRAL CITY<br/>CITY CODE<br/>(CCCODE)</u> | <u>CITY</u>         |
|---|--|---|---------------------|
| 001   | 03   | 1   | Newark, NJ          |
|   |  | 2   | Elizabeth, NJ       |
| 002   | 01   | 1   | Los Angeles, CA     |
|   |  | 2   | Long Beach, CA      |
|   |  | 3   | Pasadena, CA        |
|   |  | 0   | Others              |
|   | 02   | 1   | Anaheim, CA         |
|   |  | 2   | Santa Ana, CA       |
|   | 03   | 1   | Riverside, CA       |
|   |  | 0   | Others              |
| 003   | 01   | 1   | Chicago, IL         |
|   |  | 0   | Others              |
|   | 02   | 1   | Gary, IN            |
|   |  | 0   | Others              |
| 005   | 01   | 1   | Oakland, CA         |
|   |  | 0   | Others              |
| 006   | 01   | 1   | Detroit, MI         |
|   |  | 0   | Others              |
| 007   | 01   | 1   | Boston, MA          |
|   |  | 0   | Others              |
| 010   | 01   | 1   | Dallas, TX          |
|   |  | 0   | Others              |
|   | 02   | 1   | Fort Worth, TX      |
|   |  | 2   | Arlington, TX       |
| 012   | 01   | 1   | Miami, FL           |
|   |  | 0   | Others              |
|   | 02   | 1   | Fort Lauderdale, FL |
|   |  | 0   | Others              |
| 017   | -  | 1   | Minneapolis, MN     |
|   |  | 0   | Others              |
| 020   | -  | 1   | Tampa, FL           |
|   |  | 0   | Others              |
| 023   | -  | 1   | Phoenix, AZ         |
|   |  | 2   | Mesa, AZ            |
|   |  | 0   | Others              |
| 029   | -  | 1   | Norfolk, VA         |
|   |  | 2   | Virginia Beach, VA  |
|   |  | 3   | Newport News, VA    |
|   |  | 4   | Hampton, VA         |
|   |  | 0   | Others              |
| 045   | -  | 1   | Greensboro, NC      |
|   |  | 0   | Others              |
| 046   | -  | 1   | Albany, NY          |
|   |  | 0   | Others              |
| 060   | -  | 1   | Raleigh, NC         |
|   |  | 0   | Others              |
| 069   | -  | 1   | Springfield, MA     |
|   |  | 0   | Others              |

LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>MSA/PMSA TITLE</u>   |
|--|-------------------------------|--|---|
| 011                                    | 02                            | 0080                                   | Akron, OH, PMSA   |
| 046                                    |                               | 0160                                   | Albany-Schenectady-Troy, NY MSA   |
| 078                                    |                               | 0200                                   | Albuquerque, NM MSA   |
| 055                                    |                               | 0240                                   | Allentown-Bethlehem, PA-NJ MSA (New Jersey<br>portion not identified)             |
| 201                                    |                               | 0280                                   | Altoona, PA MSA   |
| 002                                    | 02                            | 0360                                   | Anaheim-Santa Ana, CA PMSA  |
| 143                                    |                               | 0380                                   | Anchorage, AK MSA   |
| 202                                    |                               | 0400                                   | Anderson, IN MSA  |
| 194                                    |                               | 0405                                   | Anderson, SC MSA  |
| 006                                    | 02                            | 0440                                   | Ann Arbor, MI PMSA  |
| 111                                    |                               | 0460                                   | Appleton-Oshkosh-Neenah, WI MSA   |
| 171                                    |                               | 0480                                   | Asheville, NC MSA   |
| 015                                    |                               | 0520                                   | Atlanta, GA MSA   |
| 094                                    |                               | 0600                                   | Augusta, GA-SC MSA  |
| 003                                    | 05                            | 0620                                   | Aurora-Elgin, IL PMSA   |
| 056                                    |                               | 0640                                   | Austin, TX MSA  |
| 075                                    |                               | 0680                                   | Bakersfield, CA MSA   |
| 016                                    |                               | 0720                                   | Baltimore, MD MSA   |
| 066                                    |                               | 0760                                   | Baton Rouge, LA MSA   |
| 193                                    |                               | 0780                                   | Battle Creek, MI MSA  |
| 086                                    |                               | 0840                                   | Beaumont-Port Arthur, FL MSA  |
| 013                                    | 02                            | 0845                                   | Beaver County, PA PMSA  |
| 240                                    |                               | 0860                                   | Bellingham, WA MSA  |
| 172                                    |                               | 0870                                   | Benton Harbor, MI MSA   |
| 001                                    | 04                            | 0875                                   | Bergen-Passaic, NJ PMSA   |
| 152                                    |                               | 0920                                   | Biloxi-Gulfport, MS MSA   |
| 122                                    |                               | 0960                                   | Binghamton, NY MSA  |
| 043                                    |                               | 1000                                   | Birmingham, AL MSA  |
| 221                                    |                               | 1040                                   | Bloomington-Normal, IL MSA  |
| 156                                    |                               | 1080                                   | Boise City, ID MSA  |
| 007                                    | 01                            | 1120                                   | Boston, MA PMSA   |
| 021                                    | 02                            | 1125                                   | Boulder-Longmont, CO PMSA   |
| 170                                    |                               | 1140                                   | Bradenton, FL MSA   |
| 008                                    | 03                            | 1145                                   | Brazoria, TX PMSA   |
| 001                                    | 08                            | 1160                                   | Bridgeport-Milford, CT PMSA   |
| 007                                    | 05                            | 1200                                   | Brockton, MA PMSA   |
| 134                                    |                               | 1240                                   | Brownsville-Harlingen, TX MSA   |
| 030                                    | 01                            | 1280                                   | Buffalo, NY PMSA  |
| 224                                    |                               | 1305                                   | Burlington, VT MSA  |
| 085                                    |                               | 1320                                   | Canton, OH MSA  |
| 164                                    |                               | 1360                                   | Cedar Rapids, IA MSA  |
| 166                                    |                               | 1400                                   | Champaign-Urbana-Rantoul, IL MSA  |
| 073                                    |                               | 1440                                   | Charleston, SC MSA  |
| 120                                    |                               | 1480                                   | Charleston, WV MSA  |
| 035                                    |                               | 1520                                   | Charlotte-Gastonia-Rock Hill, NC-SC MSA   |
| 081                                    |                               | 1560                                   | Chattanooga, TN-A MSA (Marion and Sequatchie<br>counties Tennessee not in sample) |
| 003                                    | 01                            | 1600                                   | Chicago, IL PMSA  |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>MSA/PMSA TITLE</u>  |
|--|-------------------------------|--|--|
| 179                                    |                               | 1620                                   | Chico, CA MSA  |
| 022                                    | 01                            | 1640                                   | Cincinnati, OH-KY-IN PMSA (Indiana portion not identified)         |
| 011                                    | 01                            | 1680                                   | Cleveland, OH PMSA   |
| 100                                    |                               | 1720                                   | Colorado Springs, CO MSA   |
| 246                                    |                               | 1740                                   | Colombia, MO MSA   |
| 080                                    |                               | 1760                                   | Columbia, SC MSA   |
| 130                                    |                               | 1800                                   | Columbus, GA-AL MSA (Alabama portion not in sample)                |
| 028                                    | -                             | 1840                                   | Columbus, OH MSA   |
| 095                                    |                               | 1880                                   | Corpus Christi, TX MSA   |
| 010                                    | 01                            | 1920                                   | Dallas, TX PMSA  |
| 001                                    | 11                            | 1930                                   | Danbury, CT PMSR   |
| 088                                    |                               | 1960                                   | Davenport-Rock Island-Moline, IA-IL MSA                            |
| 041                                    |                               | 2000                                   | Dayton-Springfield, OH MSA   |
| 112                                    |                               | 2020                                   | Daytona Beach, FL MSA  |
| 021                                    | 01                            | 2080                                   | Denver, CO PMSA  |
| 090                                    |                               | 2120                                   | Des Moines, IA MSA (Dallas county not in sample)                   |
| 006                                    | 01                            | 2160                                   | Detroit, MI PMSA   |
| 125                                    |                               | 2240                                   | Duluth, MN-WI MSA (Wisconsin portion not identified)               |
| 070                                    |                               | 2320                                   | El Paso, TX MSA  |
| 116                                    |                               | 2360                                   | Erie, PA MSA   |
| 121                                    |                               | 2400                                   | Eugene-Springfield, OR MSA   |
| 118                                    |                               | 2440                                   | Evansville, IN-KY MSA (Kentucky portion not identified)            |
| 129                                    |                               | 2560                                   | Fayetteville, NC MSA   |
| 248                                    |                               | 2580                                   | Fayetteville-Springdale, AR MSA                                    |
| 077                                    |                               | 2640                                   | Flint, MI MSA  |
| 199                                    |                               | 2650                                   | Florence, AL MSA   |
| 233                                    |                               | 2655                                   | Florence, SC MSA   |
| 174                                    |                               | 2670                                   | Fort Collins-Loveland, CO MSA                                      |
| 012                                    | 02                            | 2680                                   | Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA                   |
| 131                                    |                               | 2700                                   | Fort Myers, FL MSA   |
| 169                                    |                               | 2720                                   | Fort Smith, AR-OK MSA (Oklahoma portion not in sample)             |
| 222                                    |                               | 2750                                   | Fort Walton Beach, FL MSA  |
| 097                                    |                               | 2760                                   | Fort Wayne, IN MSA   |
| 010                                    | 02                            | 2800                                   | Fort Worth-Arlington, TX PMSA                                      |
| 065                                    |                               | 2840                                   | Fresno, CA MSA   |
| 247                                    |                               | 2880                                   | Gadsden, AL MSA  |
| 157                                    |                               | 2900                                   | Gainesville, FL MSA  |
| 008                                    | 02                            | 2920                                   | Galveston-Texas City, TX PMSA                                      |
| 003                                    | 02                            | 2960                                   | Gary-Hammond, IN PMSA  |
| 057                                    |                               | 3000                                   | Grand Rapids, MI MSA   |
| 045                                    |                               | 3120                                   | Greenboro-Winston Salem-High Point, NC MSA                         |
| 061                                    |                               | 3160                                   | Greenville-Spartanburg, SC MSA                                     |
| 022                                    | 02                            | 3200                                   | Hamilton-Middletown, OH PMSA                                       |
| 064                                    |                               | 3240                                   | Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample) |
| 036                                    | 01                            | 3280                                   | Hartford, CT PMSA  |
| 145                                    |                               | 3290                                   | Hickory, NC MSA  |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>MSA/PMSA TITLE</u>   |
|--|-------------------------------|--|---|
| 047                                    |                               | 3320                                   | Honolulu, HI MSA  |
| 153                                    |                               | 3350                                   | Houma-Thibodaux, LA MSA   |
| 008                                    | 01                            | 3360                                   | Houston, TX PMSA  |
| 101                                    |                               | 3400                                   | Huntington-Ashland, WV-KY-OH MSA<br>(Kentucky and Ohio portions not identified) |
| 146                                    |                               | 3440                                   | Huntsville, AL MSA  |
| 032                                    |                               | 3480                                   | Indianapolis, IN MSA  |
| 185                                    |                               | 3520                                   | Jackson, MI MSA   |
| 092                                    |                               | 3560                                   | Jackson, MS MSA   |
| 050                                    |                               | 3600                                   | Jacksonville, FL MSA  |
| 001                                    | 07                            | 3640                                   | Jersey City, NJ PMSA  |
| 076                                    |                               | 3660                                   | Johnson City-Kingsport-Bristol, TN-VA MSA<br>(Virginia portion not identified)  |
| 124                                    |                               | 3680                                   | Johnstown, PA MSA   |
| 003                                    | 04                            | 3690                                   | Joliet, IL PMSA   |
| 207                                    |                               | 3710                                   | Joplin, MO MSA  |
| 142                                    |                               | 3720                                   | Kalamazoo, MI MSA   |
| 252                                    |                               | 3740                                   | Kankakee, IL MSA  |
| 025                                    |                               | 3760                                   | Kansas City, MO-KS MSA  |
| 140                                    |                               | 3810                                   | Killeen-Temple, TX MSA  |
| 062                                    |                               | 3840                                   | Knoxville, TN MSA   |
| 139                                    |                               | 3880                                   | Lafayette, LA MSA   |
| 163                                    |                               | 3960                                   | Lake Charles, LA MSA  |
| 003                                    | 03                            | 3965                                   | Lake County, IL PMSA  |
| 099                                    |                               | 3980                                   | Lakeland-Winter Haven, FL MSA   |
| 091                                    |                               | 4000                                   | Lancaster, PA MSA   |
| 083                                    |                               | 4040                                   | Lansing-East Lansing, MI MSA  |
| 060                                    |                               | 4120                                   | Las Vegas, NV MSA   |
| 007                                    | 02                            | 4160                                   | Lawrence-Haverhill, MA-NH PMSA (New<br>Hampshire portion not identified)        |
| 219                                    |                               | 4200                                   | Lawton, OK MSA  |
| 104                                    |                               | 4280                                   | Lexington-Fayette, KY MSA   |
| 181                                    |                               | 4320                                   | Lima, OH MSA  |
| 151                                    |                               | 4360                                   | Lincoln, NE MSA   |
| 072                                    |                               | 4400                                   | Little Rock-North Little Rock, AR MSA   |
| 011                                    | 03                            | 4440                                   | Lorain-Elyria, OH PMSA  |
| 002                                    | 01                            | 4480                                   | Los Angeles-Long Beach, CA PMSA   |
| 040                                    |                               | 4520                                   | Louisville, KY-IN MSA   |
| 007                                    | 04                            | 4560                                   | Lowell, MA-NH PMSA (New Hampshire portion not<br>identified)                    |
| 138                                    |                               | 4600                                   | Lubbock, TX MSA   |
| 119                                    |                               | 4680                                   | Macon-Warner Robins, GA MSA   |
| 102                                    |                               | 4720                                   | Madison, WI MSA   |
| 203                                    |                               | 4760                                   | Manchester, NH MSA  |
| 209                                    |                               | 4800                                   | Mansfield, OH MSA   |
| 103                                    |                               | 4880                                   | McAllen-Edinburg-Mission, TX MSA  |
| 204                                    |                               | 4890                                   | Medford, OR MSA   |
| 110                                    |                               | 4900                                   | Melbourne-Titusville-Palm Bay, FL MSA   |
| 042                                    |                               | 4920                                   | Memphis, TN-AR-MS MSA (Arkansas and<br>Mississippi portions not identified)     |
| 012                                    | 01                            | 5000                                   | Miami-Hialeah, FL PMSA  |
| 001                                    | 05                            | 5015                                   | Middlesex-Somerset-Hunterdon, NJ PMSA   |
| 024                                    | 01                            | 5080                                   | Milwaukee, WI PMSA  |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>MSA/PMSA TITLE</u>   |
|--|-------------------------------|--|---|
| 017                                    |                               | 5120                                   | Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)                                    |
| 074                                    |                               | 5160                                   | Mobile, AL MSA (Baldwin county not in sample)   |
| 113                                    |                               | 5170                                   | Modesto, CA MSA   |
| 001                                    | 06                            | 5190                                   | Monmouth-Ocean, NJ PMSA   |
| 106                                    |                               | 5200                                   | Monroe, LA MSA  |
| 115                                    |                               | 5240                                   | Montgomery, AL MSA  |
| 100                                    |                               | 5320                                   | Muskegon, MI MSA  |
| 044                                    |                               | 5360                                   | Nashville, TN MSA   |
| 001                                    | 02                            | 5380                                   | Nassau-Suffolk, NY PMSA   |
| 165                                    |                               | 5400                                   | New Bedford, MA MSA   |
| 036                                    | 02                            | 5440                                   | New Britain, CT PMSA  |
| 071                                    |                               | 5480                                   | New Haven-Meriden, CT MSA   |
| 126                                    |                               | 5520                                   | New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)                                       |
| 027                                    |                               | 5560                                   | New Orleans, LA MSA   |
| 001                                    | 01                            | 5600                                   | New York, NY PMSA   |
| 001                                    | 03                            | 5640                                   | Newark, NJ PMSA   |
| 030                                    | 02                            | 5700                                   | Niagara Falls, NY PMSA  |
| 029                                    |                               | 5720                                   | Norfolk-Virginia Beach-Newport News, VA MSA   |
| 001                                    | 12                            | 5760                                   | Norwalk, CT PMSA  |
| 005                                    | 01                            | 5775                                   | Oakland, CA PMSA  |
| 184                                    |                               | 5790                                   | Ocala, FL MSA   |
| 039                                    |                               | 5880                                   | Oklahoma City, OK MSA   |
| 197                                    |                               | 5910                                   | Olympia, WA MSA   |
| 059                                    |                               | 5920                                   | Omaha, NE-IA MSA (Iowa portion not identified)  |
| 001                                    | 09                            | 5950                                   | Orange County, NY PMSA  |
| 048                                    |                               | 5960                                   | Orlando, FL MSA   |
| 002                                    | 04                            | 6000                                   | Oxnard-Ventura, CA PMSA   |
| 034                                    | 02                            | 6060                                   | Pawtucket-Woonsocket-Attleboro, RI-MA PMSA (Rhode Island Central City portion only identified)        |
| 100                                    |                               | 6080                                   | Pensacola, FL MSA   |
| 093                                    |                               | 6120                                   | Peoria, IL MSA  |
| 004                                    | 01                            | 6160                                   | Philadelphia, PA-NJ PMSA  |
| 023                                    |                               | 6200                                   | Phoenix, AZ MSA   |
| 013                                    | 01                            | 6280                                   | Pittsburgh, PA PMSA   |
| 150                                    |                               | 6400                                   | Portland, ME MSA  |
| 026                                    | 01                            | 6440                                   | Portland, OR PMSA   |
| 149                                    |                               | 6450                                   | Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified) |
| 128                                    |                               | 6460                                   | Poughkeepsie, NY MSA  |
| 034                                    | 01                            | 6480                                   | Providence, RI PMSA   |
| 133                                    |                               | 6520                                   | Provo-Orem, UT MSA (Central City portion only identified)   |
| 216                                    |                               | 6560                                   | Pueblo, CO MSA  |
| 024                                    | 02                            | 6600                                   | Racine, WI PMSA   |
| 060                                    |                               | 6640                                   | Raleigh-Durham, NC MSA  |
| 107                                    |                               | 6680                                   | Reading, PA MSA   |
| 144                                    |                               | 6720                                   | Reno, NV MSA (Central City portion only identified)   |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>MSA/PMSA TITLE</u>   |
|--|-------------------------------|--|---|
| 049                                    |                               | 6760                                   | Richmond-Petersburg, VA MSA<br>(Dinwiddie and Prince George counties and<br>Colonial Heights, Hopewell, and Petersburg<br>cities not in sample) |
| 002                                    | 03                            | 6780                                   | Riverside-San Bernardino, CA PMSA   |
| 137                                    |                               | 6800                                   | Roanoke, VA MSA   |
| 038                                    |                               | 6840                                   | Rochester, NY MSA   |
| 117                                    |                               | 6880                                   | Rockford, IL MSA  |
| 031                                    |                               | 6920                                   | Sacramento, CA MSA  |
| 082                                    |                               | 6960                                   | Saginaw-Bay City-Midland, MI MSA  |
| 014                                    | 01                            | 7040                                   | St. Louis, MO-IL PMSA (Illinois portion<br>not identified)  |
| 127                                    |                               | 7080                                   | Salem, OR MSA   |
| 007                                    | 03                            | 7090                                   | Salem-Gloucester, MA PMSA   |
| 109                                    |                               | 7120                                   | Salinas-Seaside-Monterey, CA MSA  |
| 037                                    |                               | 7160                                   | Salt Lake City-Ogden, UT MSA  |
| 033                                    |                               | 7240                                   | San Antonio, TX MSA   |
| 019                                    |                               | 7320                                   | San Diego, CA MSA   |
| 005                                    | 02                            | 7360                                   | San Francisco, CA PMSA  |
| 005                                    | 03                            | 7400                                   | San Jose, CA PMSA   |
| 106                                    |                               | 7480                                   | Santa Barbara-Santa Maria-Lompoc, CA MSA  |
| 005                                    | 06                            | 7485                                   | Santa Cruz, CA PMSA   |
| 005                                    | 05                            | 7500                                   | Santa Rosa-Petaluma, CA PMSA  |
| 136                                    |                               | 7510                                   | Sarasota, FL MSA  |
| 135                                    |                               | 7520                                   | Savannah, GA MSA  |
| 051                                    |                               | 7560                                   | Scranton-Wilkes Barre, PA MSA (Monroe county not<br>in sample)  |
| 018                                    | 01                            | 7600                                   | Seattle, WA PMSA  |
| 211                                    |                               | 7610                                   | Sharon, PA MSA  |
| 096                                    |                               | 7680                                   | Shreveport, LA MSA  |
| 226                                    |                               | 7720                                   | Sioux City, IA-NE MSA (Nebraska portion not in<br>sample)   |
| 231                                    |                               | 7760                                   | Sioux Falls, SD MSA   |
| 132                                    |                               | 7800                                   | South Bend-Mishawaka, IN MSA  |
| 090                                    |                               | 7840                                   | Spokane, WA MSA   |
| 154                                    |                               | 7880                                   | Springfield, IL MSA   |
| 141                                    |                               | 7920                                   | Springfield, MO MSA   |
| 069                                    |                               | 8000                                   | Springfield, MA MSA   |
| 001                                    | 10                            | 8040                                   | Stamford, CT PMSA   |
| 089                                    |                               | 8120                                   | Stockton, CA MSA  |
| 054                                    |                               | 8160                                   | Syracuse, NY MSA  |
| 018                                    | 02                            | 8200                                   | Tacoma, WA PMSA   |
| 148                                    |                               | 8240                                   | Tallahassee, FL MSA   |
| 020                                    |                               | 8280                                   | Tampa-St. Petersburg-Clearwater, FL MSA   |
| 198                                    |                               | 8320                                   | Terre Haute, IN MSA   |
| 058                                    |                               | 8400                                   | Toledo, OH MSA  |
| 170                                    |                               | 8440                                   | Topeka, KS MSA (Central City portion only<br>identified)  |
| 004                                    | 03                            | 8480                                   | Trenton, NJ PMSA  |
| 063                                    |                               | 8520                                   | Tucson, AZ MSA  |
| 052                                    |                               | 8560                                   | Tulsa, OK MSA   |
| 192                                    |                               | 8600                                   | Tuscaloosa, AL MSA  |
| 105                                    |                               | 8680                                   | Utica-Rome, NY MSA  |

| <u>CMSA/<br/>MSA<br/>RANK<br/>CODE</u> | <u>PMSA<br/>RANK<br/>CODE</u> | <u>FIPS<br/>MSA/<br/>PMSA<br/>CODE</u> | <u>MSA/PMSA TITLE</u>  |
|--|-------------------------------|--|--|
| 005                                    | 04                            | 8720                                   | Vallejo-Fairfield-Napa, CA PMSA  |
| 026                                    | 02                            | 8725                                   | Vancouver, WA PMSA   |
| 123                                    |                               | 8780                                   | Visalia-Tulare-Porterville, CA MSA   |
| 161                                    |                               | 8800                                   | Waco, TX MSA   |
| 009                                    |                               | 8840                                   | Washington, DC-MD-VA MSA   |
| 147                                    |                               | 8880                                   | Waterbury, CT MSA  |
| 173                                    |                               | 8920                                   | Waterloo-Cedar Falls, IA MSA   |
| 053                                    |                               | 8960                                   | West Palm Beach-Boca Raton-Delray Beach, FL<br>MSA   |
| 158                                    |                               | 9000                                   | Wheeling, WV-OH MSA (Ohio portion not<br>identified)   |
| 079                                    |                               | 9040                                   | Wichita, KS MSA  |
| 225                                    |                               | 9140                                   | Williamsport, PA MSA   |
| 004                                    | 02                            | 9160                                   | Wilmington, DE-NJ-MD PMSA (New Jersey portion<br>not identified, Maryland portion suppressed.) |
| 004                                    |                               | 9240                                   | Worcester, MA MSA  |
| 087                                    |                               | 9280                                   | York, PA MSA   |
| 067                                    |                               | 9320                                   | Youngstown-Warren, OH MSA  |
| 242                                    |                               | 9340                                   | Yuba City, CA MSA  |

## ATTACHMENT 14

### Topcoding of Usual Hourly Earnings

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

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



# ATTACHMENT 15

## FEBRUARY 1994 DISPLACED WORKERS SUPPLEMENT TALLIES OF UNWEIGHTED COUNTS

| Item  |  | Count |
|-------|--|-------|
| PES33 |  |       |
|       | 1 Yes                                      | 6831  |
|       | 2 No                                       | 89963 |
|       | -2 Don't Know                              | 334   |
|       | -3 Refused                                 | 331   |
|       | -5 No Response                             | 1048  |
| PES34 |  |       |
|       | 1 Plant or company closed down<br>or moved | 1890  |
|       | 2 Insufficient work                        | 2025  |
|       | 3 Position or shift abolished              | 1172  |
|       | 4 Seasonal job completed                   | 310   |
|       | 5 Self-operated business failed            | 143   |
|       | 6 Some other reason                        | 1279  |
|       | -2 Don't Know                              | 5     |
|       | -3 Refused                                 | 2     |
|       | -5 No Response                             | 1718  |
| PES35 |  |       |
|       | 1 1991                                     | 1342  |
|       | 2 1992                                     | 1428  |
|       | 3 1993                                     | 2089  |
|       | 4 Other                                    | 203   |
|       | -2 Don't Know                              | 17    |
|       | -3 Refused                                 | 1     |
|       | -5 No Response                             | 1732  |
| PES36 |  |       |
|       | 1 Yes                                      | 217   |
|       | 2 No                                       | 1202  |
|       | -2 Don't Know                              | 15    |
|       | -5 No Response                             | 1730  |
| PES38 |  |       |
|       | 1 Yes                                      | 1561  |
|       | 2 No                                       | 3228  |
|       | -2 Don't Know                              | 84    |
|       | -3 Refused                                 | 2     |
|       | -5 No Response                             | 1734  |
| PES39 |  |       |
|       | 1 Less than 1 month                        | 530   |
|       | 2 1 to 2 months                            | 504   |
|       | 3 More than 2 months                       | 499   |
|       | -2 Don't Know                              | 26    |
|       | -3 Refused                                 | 1     |
|       | -5 No Response                             | 1726  |

| Item     |                | Count |
|----------|----------------|-------|
| PES48    |                |       |
|          | 1 Yes          | 603   |
|          | 2 No           | 4130  |
|          | -2 Don't Know  | 38    |
|          | -3 Refused     | 9     |
|          | -5 No Response | 1746  |
| PES49    |                |       |
|          | 1 Yes          | 2529  |
|          | 2 No           | 2198  |
|          | -2 Don't Know  | 40    |
|          | -3 Refused     | 13    |
|          | -5 No Response | 1746  |
| PES51    |                |       |
|          | 1 Yes          | 4052  |
|          | 2 No           | 585   |
|          | 3 Hours Varied | 120   |
|          | -2 Don't Know  | 12    |
|          | -3 Refused     | 5     |
|          | -5 No Response | 1752  |
| PES90    |                |       |
|          | 1 Yes          | 2489  |
|          | 2 No           | 2208  |
|          | -2 Don't Know  | 43    |
|          | -3 Refused     | 19    |
|          | -5 No Response | 1767  |
| PES91    |                |       |
|          | 1 Yes          | 975   |
|          | 2 No           | 1480  |
|          | -2 Don't Know  | 33    |
|          | -5 No Response | 1726  |
| PES92    |                |       |
|          | 1 Yes          | 746   |
|          | 2 No           | 3998  |
|          | -2 Don't Know  | 5     |
|          | -3 Refused     | 9     |
|          | -5 No Response | 1768  |
| PRSLWKLY |                |       |
| Amount   |                | 4196  |
| -2       | Don't Know     | 281   |
| -3       | Refused        | 211   |
| -5       | No Response    | 113   |
| PRSCWKLY |                |       |
| Amounts  |                | 2398  |

## ATTACHMENT 16

### NATIVITY CODES

#### Current Population Survey

Items PENATVTY, PEMNTVTY, and PEFNTVTY, which deal with country of birth, all have the same answer categories. These items are located in positions 163-171 on the basic CPS record layout. The values for each 3-digit code are shown below.

|     |   |     |                    |
|-----|---|-----|--------------------|
| 057 | United States   | 218 | South Korea        |
| 072 | Puerto Rico   | 221 | Laos               |
| 096 | Outlying Area of U.S.<br>(Guam, Virgin Islands, etc.) | 231 | Philippines        |
| 109 | France  | 238 | Taiwan             |
| 110 | Germany   | 239 | Thailand           |
| 116 | Greece  | 242 | Vietnam            |
| 117 | Hungary   | 301 | Canada             |
| 119 | Ireland/Eire  | 312 | El Salvador        |
| 120 | Italy   | 313 | Guatemala          |
| 128 | Poland  | 314 | Honduras           |
| 129 | Portugal  | 315 | Mexico             |
| 139 | England   | 316 | Nicaragua          |
| 140 | Scotland  | 337 | Cuba               |
| 147 | Yugoslavia  | 339 | Dominican Republic |
| 192 | Russia  | 342 | Haiti              |
| 206 | Cambodia  | 343 | Jamaica            |
| 207 | China   | 351 | Trinidad & Tobago  |
| 209 | Hong Kong   | 379 | Colombia           |
| 210 | India   | 380 | Ecuador            |
| 212 | Iran  | 383 | Guyana             |
| 215 | Japan   | 385 | Peru               |
|     |   | 555 | Other              |

## ATTACHMENT 17

### ALLOCATION FLAGS

#### Current Population Survey

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

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

## ATTACHMENT 18

### SOURCE AND ACCURACY STATEMENT

#### February 1994 Displaced Workers Survey

##### SOURCE OF DATA

The data for this microdata file come from the February 1994 Current Population Survey (CPS). This month's survey uses two sets of questions, the basic CPS and the supplement. The Bureau of the Census conducts the basic CPS every month and asks supplementary questions during certain months.

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

**February 1994 supplement.** In addition to the basic CPS questions, interviewers asked supplementary questions on displaced workers.

**Sample Design.** The present CPS sample was selected from the 1980 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 1,973 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 729 geographic areas was selected for sample. About 60,000 occupied households are eligible for interview every month. Interviewers are unable to obtain interviews at about 2,600 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 1985.

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

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

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

## ACCURACY OF THE ESTIMATES

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

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

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

CPS undercoverage results from missed housing units and missed persons within sample households. Compared to the level of the 1990 Decennial Census, overall CPS undercoverage is about 8 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. The post-stratification ratio estimate described previously partially corrects for bias due to undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-origin-state group.

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

Table A. CPS Coverage Ratios

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

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

**Comparability of data.** Data obtained from the CPS and other sources are not entirely 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 were also modified for adaptation to computer-assisted interviewing, although there were no changes in definitions and concepts. Due to these and other changes, one should use caution when comparing estimates from data collected in 1994 with estimates from earlier years.

Caution should also be used when comparing estimates obtained from this microdata file (which reflects 1990 census-based population controls) with estimates for 1993 and earlier

4

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.

For more information on the introduction of the new questionnaire, the modernized data collection methods, and the introduction of new population controls based on the 1990 census, 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.

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

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

Standard errors and their use. A number of approximations are required to derive, at a moderate cost, standard errors applicable to estimates from this microdata file. Instead of providing an individual standard error for each estimate, two parameters, a and b, are provided to calculate standard errors for each type of characteristic. These parameters are in 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 using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

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

Standard errors may also be used to perform hypothesis testing. This is a procedure for distinguishing between population parameters using sample estimates. One common type of hypothesis is that two population parameters are different. An example of this would be comparing males who left a job involuntarily to females who left a job involuntarily.

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

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

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

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

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

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

### **Illustration**

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

|               |           |
|---------------|-----------|
| Number, $x$   | 6,000,000 |
| $a$ parameter | -0.000016 |
| $b$ parameter | 2,465     |

Standard error  
90% conf. int.

119,000  
5,804,000 to 6,196,000

The standard error is calculated as

$$s_x = \sqrt{-0.000016 \times 6,000,000^2 + 2,465 \times 6,000,000} = 119,000$$

The 90 percent confidence interval is calculated as  $6,000,000 \pm 1.645 \times 119,000$ .

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

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

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

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

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

### Illustration

Suppose of 13,894,000 displaced workers, 4,918,000 or 35.4 percent lost their jobs when a plant or company closed down or moved. Use the appropriate parameter from Table B and formula (2) to get

|                 |              |
|-----------------|--------------|
| Percentage, $p$ | 35.4         |
| Base, $x$       | 13,894,000   |
| $b$ parameter   | 2,488        |
| Standard error  | 0.6          |
| 90% conf. int.  | 34.4 to 36.4 |

The standard error is calculated as

$$s_{x,p} = \sqrt{(2,488/13,894,000) \times 35.4 \times (100-35.4)} = 0.6$$

The 90 percent confidence interval of the percentage of displaced workers who lost their jobs when a plant or company closed down or moved is calculated as  $35.4 \pm 1.645 \times 0.6$ .

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

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

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

### Illustration

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

|                | x            | y            | difference   |
|----------------|--------------|--------------|--------------|
| Percentage, p  | 24.1         | 37.2         | 13.1         |
| Number, x      | 6,285,000    | 5,824,000    | -            |
| b parameter    | 2,301        | 2,112        | -            |
| Standard error | 0.8          | 0.9          | 1.2          |
| 90% conf. int. | 22.8 to 25.4 | 35.7 to 38.7 | 11.1 to 15.1 |

The standard error of the difference is calculated as

$$s_{x-y} = \sqrt{0.8^2 + 0.9^2} = 1.2$$

The 90 percent confidence interval around the difference is calculated as  $13.1 \pm 1.645 \times 1.2$ . Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of part-time women workers between 20-24 years of age is greater than the percentage of part-time men workers between 20-24 years of age.

**Standard Error of a Median.** The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (See the section on standard errors and their use for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure.

1. Determine, using formula (2), the standard error of the estimate of 50 percent from the distribution.
2. Add to and subtract from 50 percent the standard error determined in step 1.
3. Using the distribution of the characteristic, determine upper and lower limits of the 68-percent confidence interval by calculating values corresponding to the two points established in step 2.

Use the following formula to calculate the upper and lower limits.

$$x_{pN} = \frac{pN - N_1}{N_2 - N_1} (A_2 - A_1) + A_1 \quad (4)$$

where

$x_{pN}$  = estimated upper and lower bounds for the confidence interval ( $0 \leq p \leq 1$ ). For purposes of calculating the confidence interval,  $p$  takes on the values determined in step 2. Note that  $x_{pN}$  estimates the median when  $p = 0.50$ .

$N$  = for distribution of numbers: the total number of units (persons, households, etc.) for the characteristic in the distribution.

= for distribution of percentages: the value 1.0.

$p$  = the values obtained in step 2.

$A_1, A_2$  = the lower and upper bounds, respectively, of the interval containing  $x_{pN}$ .

$N_1, N_2$  = for distribution of numbers: the estimated number of units (persons, households, etc.) with values of the characteristic greater than or equal to  $A_1$  and  $A_2$ , respectively.

= for distribution of percentages: the estimated percentage of units (persons, households, etc.) having values of the characteristic greater than or equal to  $A_1$  and  $A_2$ , respectively.

4. Divide the difference between the two points determined in step 3 by two to obtain the standard error of the median.

**Illustration.**

Suppose that the estimated median years on the lost job for all displaced workers is four years and suppose the following table gives the distribution of years.

| Years on Last Job | Number of Persons (in thousands) | Percent Distribution | Cumulative Distribution |
|-------------------|----------------------------------|----------------------|-------------------------|
| < 1               | 2,779                            | 20.0                 | 20.0                    |
| 1 - 4             | 5,558                            | 40.0                 | 60.0                    |
| 5 - 9             | 3,196                            | 23.0                 | 83.0                    |
| 10 - 14           | 1,389                            | 10.0                 | 93.0                    |
| 15 - 19           | 834                              | 6.0                  | 99.0                    |
| 20+               | 138                              | 1.0                  | 100.0                   |
| Total             | 13,894                           |                      |                         |

- (1) Using  $b = 2,488$  from Table B and formula (2), the standard error of 50 percent on a base of 13,894,000 is about 0.7 percent.
- (2) To obtain a 68 percent confidence interval for a median, add to and subtract from 50 percent, the standard error found in step (1). This yields limits of 49.3 and 50.7 percent.
- (3) It can be seen that 20.0 percent of the displaced workers had less than 1 year on their lost job, and 60.0 percent had less than 5 years on their lost job. By linear interpolation the lower and upper limits of the 68 percent confidence interval for the median are calculated as

$$1 + (5-1) \frac{49.3 - 20.0}{60.0 - 20.0} = 3.9$$

$$1 + (5-1) \frac{50.7 - 20}{60.0 - 20.0} = 4.1$$

- (4) The standard error of the median is, therefore,

$$\frac{4.1 - 3.9}{2} = 0.1$$

Table B. Parameters for Computation of Standard Errors  
February 1994

| Characteristic   | a         | b     |
|--|-----------|-------|
| <b>Labor Force and Not In Labor Force Data Other than Agricultural Employment and Unemployment</b> |           |       |
| Total <sup>1</sup>   | -0.000016 | 2,488 |
| Men <sup>1</sup>   | -0.000029 | 2,301 |
| Women  | -0.000026 | 2,112 |
| Both sexes, 16 to 19 years   | -0.000150 | 2,040 |
| White <sup>1</sup>   | -0.000017 | 2,488 |
| Men  | -0.000032 | 2,301 |
| Women  | -0.000029 | 2,112 |
| Both sexes, 16 to 19 years   | -0.000178 | 2,040 |
| Black  | -0.000113 | 2,613 |
| Men  | -0.000274 | 2,458 |
| Women  | -0.000164 | 2,182 |
| Both sexes, 16 to 19 years   | -0.001145 | 2,391 |
| Hispanic origin  | -0.000200 | 2,946 |
| <b>Not In Labor Force (use only for Total, Total Men, and White)</b>                               | +0.000005 | 691   |
| <b>Agricultural Employment</b>   |           |       |
| Total or White   | +0.000686 | 2,541 |
| Men  | +0.000755 | 2,351 |
| Women or   |           |       |
| Both sexes, 16 to 19 years   | -0.000022 | 2,155 |
| Black  | -0.000122 | 2,626 |
| Hispanic origin  |           |       |
| Total or Women   | +0.011486 | 2,189 |
| Men or   |           |       |
| Both sexes, 16 to 19 years   | +0.015153 | 1,269 |
| <b>Unemployment</b>  |           |       |
| Total or White   | -0.000016 | 2,465 |
| Black  | -0.000191 | 2,622 |
| Hispanic origin  | -0.000099 | 2,705 |

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

## ATTACHMENT 19

### USER NOTES

This section will contain information relevant to the Current Population Survey, February 1994: Displaced Workers 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.