



October 31, 1990

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## VALIDATION STATEMENT

Current Population Survey (CPS), January 1987

When the National Archives acquired custody of this file, the accessioning procedures called for a manual comparison of the documentation to a printout of a portion of the records in each data set. This manual comparison is referred to as a "preliminary assessment" or "validation." The number of records which were compared varied from data set to data set. However, as a general rule the comparison involved less than ten records and was limited to only the first records in each data set. This is a statement of the results of the preliminary assessment or validation.

number of datasets: 1  
logical record length: 522

No discrepancies between the documentation and the data were noted during hand validation.

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**CURRENT POPULATION SURVEY, JANUARY, 1987:  
OCCUPATIONAL MOBILITY AND JOB TENURE**

**TECHNICAL DOCUMENTATION**

This file documentation consists of the following:

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Attachment 2	Overview--January 1987 Occupational Mobility and Job Tenure
Attachment 3	Overview--Current Population Survey
Attachment 4	Glossary
Attachment 5	Note to Users
Attachment 6	Current Population Survey Adult Interview Record Layout
Attachment 7	Current Population Survey Children's Interview Record Layout
Attachment 8	Current Population Survey Noninterview Type A Record Layout
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Attachment 11	Current Population Survey January 1987 Occupational Mobility and Job Tenure Supplement Record Layout
Attachment 12	Industry Classification Codes
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Attachment 14	Questionnaire Facsimile
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Attachment 17

Appendix 1--Specific Metropolitan Identifiers

Attachment 18

Appendix 2--Topcoding of Usual Hourly  
Earnings

NOTE

Questions about the accompanying documentation should be directed to Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.

Questions about the tape should be directed to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.

Questions about the subject matter should be directed to Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2773.

## ABSTRACT

Current Population Survey, January 1987: Occupational Mobility and Job Tenure [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], 1987.

### 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 71,000 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 Spanish origin.

The supplement provides data on job tenure and occupational mobility. All respondents 14 years old or older in all rotations were eligible for some part of the supplement. Data are provided on length of time doing current kind of work and length of time working continuously for the present employer. Occupation changers were asked the reason for changing from the kind of work done in January 1986, what education or training programs were completed since January 1986, and pay comparisons between the current job and the job held in January 1986.

### Geographic Coverage

State of residence is uniquely identified as well as census geographic division and region. The 113 largest metropolitan statistical areas (CMSA's or MSA's), an additional 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: 162,875 logical records; 522 character logical record length.

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

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<sup>1</sup> MSA's = Metropolitan Statistical Areas; CMSA's = Consolidated Metropolitan Statistical Areas; PMSA's = Primary Metropolitan Statistical Areas.

**Reference Materials:**

"Current Population Survey, January 1987: Occupational Mobility and Job Tenure Technical Documentation." Documentation contains this abstract, a questionnaire facsimile, code lists, and record layouts of the file. One copy accompanies each file order. Additional copies are available for \$5 each from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

Bureau of the Census. *The Current Population Survey: Design and Methodology* (Technical Paper 40). 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. It is also available on microfiche from Customer Services, Data User Services Division (Microfiche), Bureau of the Census, Washington, D.C. 20233. (2 microfiche - \$5. Make check payable to Commerce-Census.)

**File Availability:**

The file may be ordered from Data User Services Division using the Customer Services order form for tapes on the following page. The following technical options are available at a cost of \$175 per reel

	<u>Reels</u>	<u>Cost</u>
9 track, 1600 bpi (EBCDIC or ASCII)	3	\$525
9 track, 6250 bpi (EDCDIC or ASCII)	1	\$175

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OVERVIEW--JANUARY 1987 OCCUPATIONAL MOBILITY AND JOB TENURE

I. General

The Occupational Mobility and Job Tenure Survey was conducted as a supplement to the January 1987 Current Population Survey (CPS). The CPS is a monthly labor force survey conducted in approximately 57,000 interviewed households across the United States. Attachment 14 a copy of the questionnaire containing basic labor force items and the occupational mobility and job tenure items.

Refer to Attachment 3--"Overview--Current Population Survey"--for a description of the CPS. Following is a description of the Occupational Mobility and Job Tenure Supplement.

II. Data Collection

All respondents 14 years or older in all rotations were eligible for some part of the supplement. Persons identified in basic CPS as neither working nor with a job were eligible for item 32A, and possibly item 32B. Persons identified as either working or with a job were eligible for some of items 33 through 36. At item 37, respondents who were doing a different kind of work than in the preceding January were identified and asked questions about that previous job.

III. Data Processing

A. Edits and Allocations

The data processing involved a consistency edit of all items and allocation for any missing data which should have been filled. Data were not allocated for respondents identified as supplement noninterviews (missing entries in all supplement items after the check item for which he/she is eligible--either 32A/B or 33-34).

The edit included an age consistency check for items 33, 34, and 39. In all cases, the respondent could not have been working before age 12.

B. Weighting

The supplement data processing included a noninterview adjustment controlling to known national data on age, race, sex, and labor force status. When tallying any supplement data, either alone or in conjunction with basic CPS data, use the supplement weight located in words 86 and 87. When tallying only basic CPS data, use the final CPS weight located in words 21 and 22.

#### IV. January 1987 CPS/Occupational Mobility and Job Tenure Computer File

The January 1987 CPS/Occupational Mobility and Job Tenure file consists of two parts: the CPS labor force data and the Occupational Mobility and Job Tenure Supplement data. The CPS file contains 162,875 records.

##### A. CPS Labor Force Data

Basic CPS labor force data are contained in words 1 through 80, characters 1-6 of each record. One of the five different record layouts should be used depending on the type of record selected.

##### 1. Interviewed 14+ Person's Records

Attachment 6 shows the locations and definitions of variables available in words 1 through 80, characters 1-6 for persons 14 years old or older who were interviewed in the January 1987 CPS. Interviewed 14+ person records will have a code 1 for record type in word 1, character 1.

##### 2. Children's Records

Attachment 7 shows the locations and definitions of variables available in words 1 through 80, characters 1-6 for persons 0-13 years of age. Children's records will have a code 5 record type in word 1, character 1.

##### 3. Type A Noninterview Records

Attachment 8 shows the locations and definitions for variables available in words 1 through 80, characters 1-6 for CPS Type A noninterview records. These records represent households which were eligible for the January CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc. Type A noninterview records will have a code 2 for record type in word 1, character 1.

##### 4. Type B/C Noninterview Records

Attachment 9 shows the locations and definitions for variables available for Type B/C noninterview records. Type B/C noninterview records represent sample addresses which were determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc. Type B/C noninterview records will have a code 3 for record type in word 1, character 1.

##### 5. Armed Forces Records

Attachment 10 shows the locations and definitions for variables available in word 1 through 80, characters 1-6 for persons 14 years or over in the Armed Forces whose household information was transcribed from the CPS control card. Household members who are 14+ and in the Armed Forces will have a code 4 record type in word 1, character 1.

B. January 1987 Occupational Mobility and Job Tenure Supplement Data

The January 1987 supplement data are contained in word 81, character 1 through word 87, character 6. Attachment 11 describes the locations and definitions of supplemental variables in that portion of the CPS record.

V. Records from the January 1987 CPS/Occupational Mobility and Job Tenure Supplement File

A. Tallying CPS Labor Force Estimates

A user wishing to access only the basic CPS portion of the record (words 1-80) for the full CPS sample must first determine the record type as follows:

- |                                 |                         |
|---------------------------------|-------------------------|
| 1. <u>Interviewed Adults</u>    | Word 1, Character 1 = 1 |
| 2. <u>Type A Noninterview</u>   | Word 1, Character 1 = 2 |
| 3. <u>Type B/C Noninterview</u> | Word 1, Character 1 = 3 |
| 4. <u>Armed Forces Records</u>  | Word 1, Character 1 = 4 |
| 5. <u>Children's Records</u>    | Word 1, Character 1 = 5 |

As described in Section IV.A above, use the appropriate record layout depending on which records are selected. Use the CPS final weight in words 21 and 22, characters 1-6 when tallying CPS labor force estimates.

B. Tallying the Occupational Mobility and Job Tenure Supplement

To tally the occupational mobility and job tenure items for supplement interviews (word 81, character 1 is a 1), use the supplement weight located in words 86 and 87. (Refer to Section III.B above for a description of the weighting.) All records that were not eligible for the supplement will have words 81-87 filled with spaces. Supplement noninterviews will be filled with 8, 98, 998 or 9, 99, 999, depending on the respondent's eligibility for the item. Page 5 of Attachment 11 describes this distinction.

C. Unweighted Counts

Attachment 15 lists the unweighted counts for the supplement variables on the record layout. Use these counts to ensure that the file is being properly accessed.

D. Source and Reliability Statement

Attachment 16 is a copy of the Source and Reliability Statement regarding the accuracy of the data compiled from this survey.

## 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 35 years. Currently, we interview about 58,000 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 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 the demographic status of the population, information such as age, sex, race, marital status, educational attainment, and family structure. From time to time additional questions are included on such important subjects as 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.

## CPS Sample

The CPS sample is based on the civilian noninstitutional population of the United States. The sample is located in 629 sample areas comprising 1,148 counties and independent cities with coverage in every State and in the District of Columbia.

In all, some 71,000 housing units or other living quarters are assigned for interview each month; about 58,000 of them containing approximately 122,000 persons 14 years old and over are interviewed. Also included are demographic data for approximately 34,000 children 0-13 years old within these households. The remainder of the assigned housing units are found to be vacant, converted to nonresidential use, contain persons with residence elsewhere, or are not interviewed because the residents are not found at home after repeated calls, are temporarily absent, or are unavailable for other reasons. Approximately 13,000 noninterview households are present each month. The resulting file size is approximately 170,000 records. A more precise explanation regarding the CPS sample design is provided in Technical Paper 40, The Current Population Survey: Design and Methodology.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see the Bureau of Labor Statistics Report No. 463 and the Current Population Report P-23, No. 62, issued jointly by the Bureau of Labor Statistics and the Bureau of the Census in October, 1976, and entitled Concepts and Methods Used In Labor Statistics Derived from the Current Population Survey.

## 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 four series of publications under the general title Current Population Reports:

- P-20 Population Characteristics
- P-23 Special Studies
- P-27 Farm Population
- 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 Government Printing Office. They are available in the following subscription packages: Population Characteristics, Special Studies, Farm Population, and Consumer Income series (P-20, P-23, P-27, P-60) combined, \$71.00 per year; Population Estimates and Projections, (P-25), \$25.00 per year. A customer interested in all reports must subscribe to both subscription packages. Alternatively, single issues may be ordered separately; ordering information and prices are provided in the Bureau of the Census Catalog, the Monthly Product Announcement (MPA), and in the Data User News.

### Geographic Limitations

It should be kept in mind that the sample design and methods of weighting CPS data are geared towards producing estimates for the entire Nation. In producing estimates for States, the user should be aware that the primary sampling units (PSU's) are drawn from strata which may or may not cross State lines. Consequently, the data would not be as reliable as national data, and the file may lose some of its utility in certain applications. For further discussion of such considerations, the user should consult Technical Paper 40, The Current Population Survey: Design and Methodology.

The nature of the work done by each individual investigator using the microdata file will determine to what extent his/her requirements for precision will allow using some of the smaller geographic areas identified on the file.

### 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 basic 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. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the same sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic 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 adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups--two race categories (White, and Black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, season, 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 residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:
  - a. First-stage ratio estimate. In the CPS, a portion of the 629 sample areas is chosen to represent both itself and other areas not in the

sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, Midwest, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

- b. Second-stage ratio estimate. In this stage, the sample estimates of the U.S. population in the categories described below are adjusted to independently derived current estimates of the population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted for each State and the District of Columbia to an independent control for the civilian noninstitutional population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population, 14 years and over, within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of State population and of the National age-sex-race categories will be virtually equal to the independent population estimates. This second-stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the Current Population Survey beginning in January 1982," Employment and Earnings, February 1982.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age July 1 are published annually in Current Population Reports, Series P-25. For a description of the methodology used in developing the State total, see Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census, Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980 total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980 total population was computed by adding together the resident population, consistent with that published in the 1980 census Advance Reports, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports. Data on

births and deaths between April 1, 1980 and the estimate data are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total, including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas, for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 14 years old and older.

NOTE: The CPS weighting procedure only produces individual weights. No household weights are present on any non-March CPS file. It is recommended that the principal person's weight be used for all tallies by household. The principal person for a household is designated by the Flag 1 in word 18, character 3 of any adult's interview record.

#### 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. These adjustments are 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 1982 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. (Refer to Technical Paper 40 for a further description of both the composite estimator and seasonal adjustments.)

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unem- ployed	Not in Labor Force
<u>January 1982 Data (000's)</u>					
Final Weights	171,335	108,161	97,928	10,234	63,174
Composited (Not season- ally Adjusted)	171,335	108,014	97,831	10,183	63,321
Composited (Seasonally Adjusted)	171,335	108,879	99,581	9,298	62,456
<u>July 1982 Data (000's)</u>					
Final Weights	172,364	112,850	101,904	10,946	59,513
Composited (Not season- ally Adjusted)	172,364	112,526	101,490	11,036	59,838
Composited (Seasonally Adjusted)	172,364	110,522	99,732	10,790	61,842

In various months, differences in the sample, questionnaire, and data uses result in the need for additional adjustment procedures to produce what is called a supplement weight. Such adjustments can include, but are not limited to, supplemental noninterview adjustments, inflation of weights due to a restricted supplemental universe (such as only 4 of 8 rotation groups), or controlling to various independent population controls. In some instances, including most October school enrollment supplements, the supplement weight is controlled to and agrees with, in aggregate, the published composited estimates. Regardless of how the supplement weight was produced, when available it should be used in preparing all estimates using data from supplement items. Further documentation covering the use of the supplemental data is included as part of the supplemental documentation.

## GLOSSARY

## Subject Concepts

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 14 years old and over.

Basic Weight. The constant weight assigned to the sample (inverse of the sampling fraction) which is adjusted to produce the final weight.

Civilian Labor Force. (See Labor Force.)

Class of Worker. This refers to the broad classification of the person's employer. These broad classifications are private, government, self-employed, without pay, and never worked. Private and government workers are considered "wage and salary workers;" this classification scheme includes self-employed, incorporated persons in with "private" workers.

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. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Earnings. Earnings data are collected for an individual's primary job during the survey week for one-fourth of the CPS sample. The universe for these data is defined on page 44 of the adult's interview record layout. The data collected include the usual hours worked, whether an individual is paid by the hour, for hourly workers their hourly pay rate, and the individual's usual weekly pay. Separate weights for tallying the earnings data are present on the file.

Education. (See Years of School Completed.)

Employed. (See Labor Force.)

ESR. (Employment Status Recode). This classification is available for each civilian 14 years old and over according to his/her responses to the monthly (basic) labor force items.

Final Weight. Used in tabulating monthly labor force items.

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.

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

Highest Grade of School Attended. (See Years of School Completed.)

Hours of Work. Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who usually 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 relate 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.

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.

Currently, the CPS edit recodes the relationship to reference person (householder) entries back into the relationship to head configuration before editing the data. Work is underway to incorporate the relationship to reference data into the basic CPS edit. Until such time as the revised edit is completed, all data appearing on CPS files are edited using the relationship to head configuration.

Industry, Occupation, and Class of Worker. Industry, occupation, and class of worker (I & O) always apply to the same job. 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 civilian job lasting two or more weeks or by the job (either full-time or part-time) from which they were laid off. 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. For detailed information on I & O of multiple job holders, see the May supplement to the CPS.

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

Keeping House. Persons are classified as keeping house if they engage in their own housework. This is one of the "not in labor force" classifications—employment status recode (ESR) = 4.

Labor Force. The civilian labor force includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 14 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 or 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 an Employment Status Recode (ESR) of 1 or 2 respectively in word 19, character 1 of each individual's record which designated "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 ESR code of 3 in word 19, character 1 of each individual's 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.

The word:character locations used to define these components of the unemployed are as follows: (All must be ESR=3)

Job Loser or Leaver (must be checked in sequence shown below)

- IF: WD 10:4 thru 11:4 = any entry of 1 and WD 11:5=1 and WD 12:5=1 or 2, then Loser (Lost job)
- IF: WD 10:4 thru 11:4 = any entry of 1 and WD 11:5=2 and WD 12:5=1 or 2, then Leaver (left job)
- IF: WD 10:4 thru 11:4 ≠ any entry of 1 and WD 10:1=6, then Loser (temporary layoff)
- IF: WD 10:4 thru 11:4 ≠ any entry of 1 and WD 10:1=7, then Loser (indefinite layoff)
- IF: WD 10:4 thru 11:4 ≠ any entry of 1 and 10:1=5 and 11:5=1 and 12:5=1 or 2, then Loser (New job to begin within 30 days)
- IF: WD 10:4 thru 11:4 ≠ any entry of 1 and 10:1=5 and 11:5=2 and 12:5=1 or 2, then Leaver (New job to begin within 30 days)

New Entrants and Reentrants (Exclusive of Job Losers or Leavers)

- IF: Not job loser or leaver and WD 12:5=1 or 2, then Reentrant
- IF: Not job loser or leaver and WD 12:5=3 or 4, then New Entrant

3. Not in Labor Force. All civilians 14 years old and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes, for the most part, retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week is an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (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.

These items are asked in question 24; see the questionnaire facsimile. Such persons have an ESR code of 4-7 in word 19, character 1 of each individual's record.

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.

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.

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 three major categories: single (never married), married, and widowed or 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, Air Force spouse present," and "married, spouse absent." 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 are 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 and are included in the "married, spouse absent" category.

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.

Nonrelative of Head With No Own Relatives in Household. A nonrelative of the head who has no relative(s) of his/her 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/her own living with him/her in the household.

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

Other Relative of Head. Any relative of the head other than his wife; for example, child, father, mother, grandson, daughter-in-law, etc.

Part-Time, Economic Reasons. The file 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 (Noneconomic) Reasons. The file 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.

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 combination with the Black 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.

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. . .

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

Spanish Origin. Persons of Spanish origin in this file are determined on the basis of a question, "What is the origin or descent of each person in this household?", 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 Spanish origin, in particular, are those who indicated that their origin was Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish.

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

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.

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:

- 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.

Workers. (See Labor Force--Employed.)

Years of School Completed. Data on years of school completed can be derived from the combination of answers to questions concerning the highest grade of school attended by the person and whether or not that grade is finished. 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.

## GLOSSARY

### Geographic Concepts

Geographic Division. An area composed of contiguous States, with Alaska and Hawaii also included in one of the divisions. (A State is one of the 51 major political units in the United States.) The nine geographic divisions have been largely unchanged for the presentation of summary statistics since the 1910 census.

Regions. There are four regions: Northeast, Midwest (formerly North Central),<sup>1/</sup> West, and South. States and divisions within regions are presented below.

#### NORTHEAST REGION

##### New England Division

Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont

##### Middle Atlantic Division

New Jersey  
New York  
Pennsylvania

#### MIDWEST REGION

##### East North Central Division

Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin

##### West North Central Division

Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

#### WEST REGION

##### Mountain Division

Arizona  
Colorado  
Idaho  
Montana  
Nevada  
Utah  
Wyoming

##### Pacific Division

Alaska  
California  
Hawaii  
Oregon  
Washington

<sup>1/</sup> The Midwest Region was designated as the North Central Region until June 1984.

SOUTH REGION

East South Central Division

Alabama  
Kentucky  
Mississippi  
Tennessee

West South Central Division

Arkansas  
Louisiana  
Oklahoma  
Texas

South Atlantic Division

Delaware  
District of Columbia  
Florida  
Georgia  
Maryland  
North Carolina  
South Carolina  
Virginia  
West Virginia

## ATTACHMENT 5

### NOTE TO USERS

Interview and Noninterview Record Layouts. Record layouts are similar for both interviewed and noninterviewed households. Geographic data are provided for both types of records, but employment figures are furnished only for interviewed households. For noninterviewed households, these corresponding character positions are blank or padded. However, in word 7, characters 1 and 2, interview records show data for item 20, whether the household member worked last week and range of hours worked; noninterview Type A records show race of head and reason for noninterview; noninterview Types B and C records show reason for noninterview.

Records for households for which no interviews were obtained are located at the beginning of each identified geographic area. These noninterview records, having the same record length as an interviewed person's record, occasionally contain codes or numerical values that fall within a valid range of values but are analytically meaningless since these records do not represent actual person records. These records are identified by having a numerical code of "2" or "3" in word 1, character 1 of each new record. To eliminate these records and prevent the inadvertent analysis of "non-person" records, data users should select only those cases identified by a numerical code of "1" (representing an interview record) in the first column of each record.

Calculating Location of Data Within a Word. In the record layout, location of data is indicated by character position within a word. Each word signifies six character positions on the tape. To determine the location of specific data, calculate the number of positions allocated for all previous words; then, to that figure, add the character location (1-6) specified within the designated word. For example, data for major activity last week (Attachment 6, page 12) corresponds to word 9, character 1. Multiplying the number of previous words by the number of character positions per word equals 48 positions allocated for data. Thus, the first character of word 9 is located in position 49.

8	Number of previous words
x 6	Number of character positions per word
48	Number of positions allocated for data
+ 1	Character positions within designated word
49	Location of data for word 9, character 1

To determine the location of data reflecting the reason a respondent works less than 35 hours a week (word 9, characters 5-6), repeat the above calculations except substitute a "5" (noting character position within word) in place of the "1". Calculations show that this item occupies character positions 53 and 54.

CURRENT POPULATION SURVEY  
ADULT INTERVIEW RECORD LAYOUT  
FOR STANDARD TAPE COPIES  
(Beginning July 1985)

Attachment A

Page 1

Word	Char.	Characteristic	Universe	Description	
1	1	Record type	All	Interviewed Adult	1
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
2	1-6 1-6	Household ID Number	All		
3	1-3				
	4	Region (From M.S.T.)	All	Northeast North Central South West	1 2 3 4

1/ MST: Master Segment Tape; supplies all geographic identifiers for CPS data.

-more-

Word	Char.	Characteristic	Universe	Description
3	5	Division (From H.S.T.)	All	<div> <div> New England  Middle Atlantic  East North Central  West North Central  South Atlantic  East South Central  West South Central  Mountain  Pacific </div> <div> 1 2 3 4 5 6 7 8 9 </div> <div> Region 1  Region 2  Region 3  Region 4 </div> </div>
	5-6	State (1st digit of State Code is Division Code) (From H.S.T.)	All	<div> <div> <u>New England Division</u>  Maine  New Hampshire  Vermont  Massachusetts  Rhode Island  Connecticut </div> <div> 11 12 13 14 15 16 </div> </div> <div> <div> <u>Middle Atlantic Division</u>  New York  New Jersey  Pennsylvania </div> <div> 21 22 23 </div> </div>

-more-

Word	Char.	Characteristic	Universe	Description
J	5-6	State (1st digit of State Code in Division Code) (From H.S.T.) (Con't)	All	<u>East North Central Division</u> Ohio 31 Indiana 32 Illinois 33 Michigan 34 Wisconsin 35  <u>West North Central Division</u> Minnesota 41 Iowa 42 Missouri 43 North Dakota 44 South Dakota 45 Nebraska 46 Kansas 47  <u>South Atlantic Division</u> Delaware 51 Maryland 52 District of Columbia 53 Virginia 54 West Virginia 55 North Carolina 56 South Carolina 57 Georgia 58 Florida 59  <u>East South Central Division</u> Kentucky 61 Tennessee 62 Alabama 63 Mississippi 64

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code in Division Code) (From H.S.T.) (Con't)	All	<u>West South Central Division</u>	71 72 73 74
				Arkansas	
				Louisiana	
				Oklahoma	
				Texas	
				<u>Mountain Division</u>	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88
				<u>Pacific Division</u>	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

-more-

Word	Char.	Characteristic	Universe	Description
1	1-2	State Rankings (From H.S.T.)	All	<div>1980 Ranking</div> <div> California (CA) 01  New York (NY) 02  Texas (TX) 03  Pennsylvania (PA) 04  Illinois (IL) 05  Ohio (OH) 06  Florida (FL) 07  Michigan (MI) 08  New Jersey (NJ) 09  North Carolina (NC) 10  Massachusetts (MA) 11  Indiana (IN) 12  Georgia (GA) 13  Virginia (VA) 14  Missouri (MO) 15  Wisconsin (WI) 16  Tennessee (TN) 17  Maryland (MD) 18  Louisiana (LA) 19  Washington (WA) 20  Minnesota (MN) 21  Alabama (AL) 22  Kentucky (KY) 23  South Carolina (SC) 24  Connecticut (CT) 25  Oklahoma (OK) 26  Iowa (IA) 27  Colorado (CO) 28  Arizona (AZ) 29  Oregon (OR) 30 </div>

6-5

029

Word	Char.	Characteristic	Unlabeled	Description
h	1-2	State Rankings (Con't) (From H.S.T.)	All	1980 Ranking
				Mississippi (MS) 31
				Kansas (KS) 32
				Arkansas (AR) 33
				West Virginia (WV) 34
				Nebraska (NE) 35
				Utah (UT) 36
				New Mexico (NM) 37
				Maine (ME) 38
				Hawaii (HI) 39
				Rhode Island (RI) 40
				Idaho (ID) 41
				New Hampshire (NH) 42
				Nevada (NV) 43
				Montana (MT) 44
				South Dakota (SD) 45
				North Dakota (ND) 46
				Dist. of Columbia (DC) 47
				Delaware (DE) 48
				Vermont (VT) 49
				Wyoming 50
				Alaska 51

The next page is Page 8

Attachment A

There is no page 7

Page

Word	Char.	Characteristic	Universe	Description
h	3-h	PADDING		
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1
	6	Blank		

--more--

6-7

031

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or <del>NA</del> -M79 (Excluding I--)
6	1	<u>Item 12</u> - LINE NO. H'HD RESP.	All	Blank or Impossible	-
				Non H'hd Resp.	1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Blank	-
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5	Item 26A1--Is . . . attending or enrolled in a high school, college or university?	Item 26=1	Yes	1
				No	2
	6	Item 26A2--Verification of Item 26A1	Item 26A1=1	High School	1
				College or Univ.	2

Word	Char.	Characteristic	Universe	Description	
7	1	<u>Item 20</u> - Did...do any work at all LAST WEEK?	All	Blank or Impossible	-
				Yes	1
				No	2
	2	<u>Item 20B</u> - INTERVIEWER CHECK	All	Blank or Impossible	-
				49+ hours	1
				1-34 hours	2
				35-48 hours	3
	3	<u>Item 21</u> - Did...have a job or business from which he was temporarily absent or on layoff LAST WEEK?	All	Blank or Impossible	-
				Yes	1
				No	2
	4	<u>Item 22</u> - Has...been looking for work during the past 4 weeks?	All	Blank or Impossible	-
				Yes	1
				No	2
	5	<u>Item 24</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible	-
				Unit is in continuing rotation	1
				Unit is in departing rotation	2
	6	Blank			

-more-

6-6

033

Word	Char.	Characteristic	Universe	Description	
0	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document <u>Items 5a. and 5b.-new in Feb. 76</u> ) Recode reflects "old" Farm Definition. (Effective April 1984: Reflects New Farm Definition)	All	Nonfarm Farm	1 2, 3
	2-3	<u>Item 4 - TYPE OF LIVING QUARTERS (Recode)</u>	All	<u>Housing Unit</u> House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above <u>Other Unit</u> Qtrs. not HU in rooming or boarding house Unit not permanent in trans. hotel, motel, etc. Tent or trailer site Other not HU	01 02 03 04 05 06 07 08 09 10
	4	'New' Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document <u>Items 5a. and 5b.</u> )	All	Nonfarm Farm	1 2, 3

6-10

034

-more-

Word	Char.	Characteristic	Universe	Description	
0	5	Blank			
	6	Item 9 - HOUSEHOLD MEMBER	All		1-8
9	1	Item 17 (Recode) - What was...doing most of LAST WEEK (Major Activity)?	All	Working With a job Looking Home School Unable Other (Incl. Retired)	1 2 3 4 5 6 7
	2-3	Item 20A - How many hours did...work LAST WEEK at all jobs?	FSR 1	Number of Hours	01-99
	4	Item 20C - Does...USUALLY work 35 hours or more a week at this job?	FSR 1 & Item 20A less than 35 hours	Yes No	1 2
	5-6	Item 20C - Reason less than 35 hours a week (Recoded)	FSR 1 & Item 20A less than 35 hours	Black work Material shortage Plant or machine repair New job started during week Job terminated during week Could find only part-time work Holiday (Legal or Religious) Labor dispute Bad weather Own illness On vacation Too busy with home, school, etc. Did not want full-time work Full-time work week under 35 hours Other reason	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

-more-

Word	Char.	Characteristic	Universe	Description	
10	1	<u>Item 21A</u> - Why was...absent from work LAST WEEK?	ESR 2	Own illness	1
				On vacation	2
				Bad weather	3
				Labor dispute	4
			ESR 3	New job to begin within 30 days	5
				Temporary layoff (under 30 days)	6
				Indefinite layoff (30 days or more or no definite recall date)	7
			ESR 2	Other	8
	2	<u>Item 21B</u> - In...getting wages or salary for any of the time off LAST WEEK?	ESR 2	Yes	1
				No	2
				Self employed	3
	3	<u>Item 21C</u> - Does...usually work 35 hours or more a week at this job?	ESR 2	Yes	1
				No	2
		<u>Item 22A</u> - What has...been doing in the last 4 weeks to find work?			
		Methods used - through word 11:4. Multiple entries are possible.			
	4	Checked with public employment agency.	ESR 3	Blank Entry	- 1
	5	Checked with private employment agency.	ESR 3	Blank Entry	- 1

-more-

Word	Char.	Characteristic	Universe	Description	
<u>Item 22A - Methods (Con't)</u>					
10	6	Checked with employer directly.	ESR 3	Blank Entry	- 1
11	1	Checked with friends or relatives.	ESR 3	Blank Entry	- 1
	2	Placed or answered ads.	ESR 3	Blank Entry	- 1
	3	Nothing	ESR 4-7	Blank Entry	- 1
	4	Other	ESR 3	Blank Entry	- 1
	5	<u>Item 22B - Why did...start</u> <sup>1/</sup> looking for work?	ESR 3 Except layoff in Item 21A, codes 6 & 7	Lost job Quit job Left school Wanted temporary work Other	1 2 3 4 5
12	6 1	} <u>Item 22C - Weeks unemployed</u> (New Job starting in 30 days, weeks laid off, or weeks looking for work)	ESR 3	Number of Weeks	00-99
	2				
	2	<u>Item 22D - Has...been looking</u> for full-time or part-time work?	ESR 3	Full Part	1 2

-more-

1/ Recode starting January 1986

Word	Char.	Characteristic	Universe	Description	
12	3	Item 22E - Digit 1 - Is there <sup>1/</sup> any reason why...could not take a job LAST WEEK?	ESR 3	Yes	1
				No	2
	4	Item 22E - Digit 2 - Is there <sup>1/</sup> any reason why...could not take a job LAST WEEK?	ESR 3 & Yes in Digit 1	Already had a job	1
				Temporary illness	2
			ESR 4-7	{ Going to school	3
				{ Other	4
	5	Item 22F - When did...last work at a full-time job or business lasting 2 consecutive weeks or more? (Recoded)	ESR 3 Re-entrants to Labor Force	{ In last 5 years	1
				{ Before last 5 years	2
			Now entrants to Labor Force	{ Never worked full-time 2 weeks or more	3
				{ Never worked at all	4
	6	Item 24A - When did...last work for pay at a regular job or business, either full- or part-time?	ESR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Within past 12 months	1
				1 up to 2 years ago	2
				2 up to 3 years ago	3
				3 up to 4 years ago	4
				4 up to 5 years ago	5
				5 or more years ago	6
				Never worked	7

-more-

<sup>1/</sup> Recode starting January 1986.

Word	Char.	Characteristic	Universe	Description	
13	1	<u>Item 24B</u> - Why did...leave that job?	FSR 4-7 and 1-5 in Item 24A	Personal, family or school	1
				Health	2
				Retirement or old age	3
				Seasonal job completed	4
				Slack work or business conditions	5
				Temporary nonseasonal job completed	6
				Unsatisfactory work arrangements	7
				Other	8
	2	<u>Item 24C</u> - Does...want a regular job now, either full- or part-time?	FSR 4-7 and Month in Sample in 4 or 8 (Departing rotations)	Yes	1
				Maybe, it depends	2
				No	3
				Don't Know	4
		<u>Item 24D</u> - What are the reasons...is not looking for work?			
		Reasons through 15:1. Multiple entries possible.			
	3	<u>Believes no work available in line of work or area</u>	Item 24C in 1 or 2	Blank	-
				Entry	1
	4	<u>Couldn't find any work</u>	Item 24C in 1 or 2	Blank	-
				Entry	1
	5	<u>Lacks necessary schooling, training, skills or experience</u>	Item 24C in 1 or 2	Blank	-
				Entry	1
	6	<u>Employers think too young or too old</u>	Item 24C in 1 or 2	Blank	-
				Entry	1

-more-

Word	Char.	Characteristic	Universe	Description	
<u>Item 24D - Reasons (Con't.)</u>					
14	1	Other personal handicap in finding job	Item 24C is 1 or 2	Blank Entry	- 1
	2	Can't arrange child care	Item 24C is 1 or 2	Blank Entry	- 1
	3	Family responsibilities	Item 24C is 1 or 2	Blank Entry	- 1
	4	In school or other training	Item 24C is 1 or 2	Blank Entry	- 1
	5	Ill health, physical disability	Item 24C is 1 or 2	Blank Entry	- 1
	6	Other	Item 24C is 1 or 2	Blank Entry	- 1
15	1	Don't know	Item 24C is 1 or 2	Blank Entry	- 1
	2	Item 24E - Does...intend to look for work of any kind in the next 12 months?	ESR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Yes It depends No Don't know	1 2 3 4

-more-

Word	Char.	Characteristic	Universe	Description	
15	3	Item 23E - Class of worker (Filled and Recoded)	a) FSR 1 or 2 b) FSR 3 c) FSR 4-7, Health In Sample In 4 or 0 & Item 24A in 1-5	Private Government Self employed Without pay Never worked or Never worked Full-Time	1 2 3 4 5
	4-6	BLANK			
16	1-3	BLANK			
	4-5	Item 10A - LINE NUMBER	All		01-99
	6	Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD  (Recode from Relationship To Reference Person)	All	Head with other relatives (incl. wife) in household Head with no other relatives in household Wife of head Other relative of head Nonrelative of head with own relatives (incl. wife) in household Nonrelative of head with no own relatives in household	1 2 3 4 5 6

Word	Char.	Characteristic	Universe	Description	
17	1-2	<u>Item 18D</u> - AGE	All		14-90 <sup>1/</sup>
	3	<u>Item 18E</u> - MARITAL STATUS (Recode)	All	Married, civilian spouse present	1
				Married, Armed Force spouse present	2
				Married, spouse absent (incl. separated)	3
				Widowed or divorced	4
				Never Married	5
	4	<u>Item 18J</u> - RACE (Recode)	All	White	1
				Black	2
				Other	3
	5	<u>Item 18G</u> - SEX	All	Male	1
				Female	2
	6	<u>Item 18G</u> - VETERAN STATUS	Males	Vietnam Era	1
				Korean War	2
				World War II	3
				World War I	4
				Other Service	5
				Nonveteran	6

<sup>1/</sup> Age topcoded at 90.

-more-

Word	Char.	Characteristic	Universe	Description	
10	1-2	Item 10H - HIGHEST GRADE (OF SCHOOL) ATTENDED	All	None	01
				E1	02
				E2	03
				E3	04
				E4	05
				E5	06
				E6	07
				E7	08
				E8	09
				H1	10
				H2	11
				H3	12
				H4	13
				C1	14
				C2	15
				C3	16
				C4	17
				C5	18
				C6+	19
	3	Item 10I - GRADE COMPLETED	All	Yes	1
				No	2
	4	PADDING			
	5	Blank			
	6	Item 26--Interview Check Item: This person is	All	16-24 Years of Age	1
				All Others	2

-more-

6-19

043

Word	Char.	Characteristic	Universe	Description	
19	1	ESR - Employment Status Recode (Last look)	All	Employed	<div>Working With job, not at work</div> <div>1 2</div>
				Unemployed	<div>Looking</div> <div>3</div>
				Not in Labor Force	<div>Home</div> <div>4</div>
					<div>School</div> <div>5</div>
					<div>Unable</div> <div>6</div>
	2	Item 26B--Is...enrolled in school as a full-time or part time student?	Item 26A1=1	Other (Included Retired)	<div>7</div>
				Full-time	<div>1</div>
				Part-time	<div>2</div>
	3	Indicator for principal person of household	All <u>1/</u>	No	<div>0</div>
				Yes	<div>1</div>
	4-6	Document Count (Within Work Unit)	All		<div>001-999</div>
20	1-3	Work Unit Number (From Breaker Sheet)	All		<div>001 or 001-999</div>
				If Breaker was missing	<div>999 Assigned</div>
	4-5	Month	All		<div>01-12</div>
	6	Year - Last Digit	All		<div>0-9</div>
21 & 22	All	Final Weight	All		<div>Two Unrounded Decimal Places. (Right justified, space fill -01)</div>

1/ This position is filled for all records on this file. Adults are filled as listed above. Children (0-13 years old) are plugged "2". Noninterviews are plugged "1" as a household indicator.

-more-

Next page is 23.

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6 1-3	PADDING			
	4-6		All	No. of errors charged to Enumerator	000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified <u>1</u> /	000 000 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified <u>1</u> /	00 00 01-12
	6	Individual Central City Code (Beginning October 1985)	All	Not identifiable Identified <u>1</u> /	0 1-4
26	1	Metropolitan Status Code	All	Metropolitan Nonmetropolitan Not identifiable	1 2 3
	2	Central City Status Code (Beginning October 1985)	All	Central City Balance of MSA/PMSA Nonmetropolitan Not identifiable	1 2 3 4
	3	Blank			
	4	MSA/CMSA Size (From M.S.T.- reflecting 1983 Population Estimates) (Beginning October 1985)		Not identifiable 100,000-249,999 250,000-499,999 500,000-999,999 1,000,000-2,499,999 2,500,000-4,999,999 5,000,000-9,999,999 10,000,000+	0 2 3 4 5 6 7 8

1/ See Appendix #1

Word	Char.	Characteristic	Universe	Description	
26	5	<u>Item 181</u> - ETHNICITY	All	Mexican American	1
				Chicano	2
				Mexican (Mexicano)	3
				Puerto Rican	4
				Cuban	5
				Central or South American	6
				Other Spanish	7
				All other	8
				Don't know	9
				NA	A
	6	PADDING			
27	1-2	Weighting Age Recode	All	14-15 Years old	01
				16-17	02
				18-19	03
				20-21	04
				22-24	05
				25-29	06
				30-34	07
				35-39	08
				40-44	09
				45-49	10
				50-54	11
				55-59	12
				60-64	13
				65-69	14
				70-74	15
				75+	16
					17

6-22

046

Word	Char.	Characteristic	Universe	Description
27	3	Blank		
	4	RACE Recode	All	White Other
	5	Blank		1 2
	6	Blank		
28	1	Part time status	All	P.T. for Econ. reason Vol. Part time workers All other
				5 6 0

Word	Char.	Characteristic	Universe	Description	
20	2	Race-Sex Recode	All	Male white	1
				Female white	2
				Male other	3
				Female other	4
	3	Agri. Wage and Salary	All	Not in Universe	0
				In Universe	1
	4	Labor Force status	All	Civilian Labor Force	3
				Not in Labor Force	4
	5	Full time or Part time status	All	Not in Labor Force	0
				Employed full time	1
				Part time for economic reasons	2
				Unemployed full time	3
				Employed part time	4
				Unemployed part time	5
	6	Experienced Labor Force Employment Status	All	Not in experienced Labor Force	0
				Employed	1
				Unemployed	2
29	1	Household relationship	All	Male head, living with relatives	1
				Male head, living without relatives	2
				Male relative of head	3
				Male nonrelative of head	4
				Female head, living with relatives	5
				Female head, living without relatives	6
				Wife of head	7
				Female relative of head	8
				Female nonrelative of head	9

6-24

048

-more-

Word	Char.	Characteristic	Universe	Description	
29	2	Employed Class of Worker	All	Not Employed	0
				Private	1
				Government	2
				Self-employed	3
				Unpaid family	4
	3	BLANK			.
	4	Labor Force by time worked or lost	All	Not in Labor Force	0
				At work	1
				With job, not at work	2
				Unemployed, seeking full time	3
				Unemployed, seeking part time	4
	5	Duration of unemployment	All	Not unemployed	0
				Less than 5 weeks	1
				5 and 6 weeks	2
				7 to 10 weeks	3
				11 to 14 weeks	4
				15 to 26 weeks	5
				27 to 39 weeks	6
				40 to 51 weeks	7
				52 weeks and over	8

-more-

Word	Char.	Characteristic	Universe	Description	
29	6	Civilian Labor Force	All	Not in Universe	0
				In Universe	1
30	1	Unemployed	All	Not in Universe	0
				In Universe	1
	2	Unemployed 15 weeks, or more	All	Not in Universe	0
				In Universe	1
	3	Other NLF	All	Not in Universe	0
				In Universe	1
	4	Full Time Labor Force	All	Not in Universe	0
				In Universe	1
	5	Looking for full time work	All	Not in Universe	0
				In Universe	1
	6	Wage and salary worker	All	Not in Universe	0
				In Universe	1
31	1	Employed persons	All	Not in Universe	0
				In Universe	1
	2	Employed persons (Excluding farm worker & Private H'ld Workers)	All	Not in Universe	0
				In Universe	1
	3	Experienced Labor Force	All	Not in Universe	0
				In Universe	1
	4	Full time experienced labor Force	All	Not in Universe	0
				In Universe	1

-more-

Word	Chr.	Characteristic	Universe	Description	
31	5	Full time employed and economic part time	All	Not in Universe	0
				In Universe	1
	6	Non-agriculture Industries	All	Not in Universe	0
				In Universe	1
32	1	Non-agriculture wage and salary worker	All	Not in Universe	0
				In Universe	1
	2	Agriculture	All	Not in Universe	0
				In Universe	1
	3	BLANK			
	4	BLANK			
	5	Manufacturing wage and salary	All	Not in Universe	0
				In Universe	1
	6	Private wage and salary	All	Not in Universe	0
				In Universe	1
33	1	Part time for noneconomic reasons	All	Not in Universe	0
				In Universe	1
	2	Persons seeking full time work (W & S)	All	Not in Universe	0
				In Universe	1
	3	Unemployed with no previous work experience	All	Not in Universe	0
				In Universe	1

-more-

Word	Char.	Characteristic	Universe	Description	
33	4	Full time labor force Recode	All	Not in Universe	0
				Employed Full Time	3
				Looking for Full Time Work	4
	5	Program Signal	All		0
	6	Program Signal	All		1
34	1-2	Age 1	All	14-15	00
				16-17	01
				18-19	02
				20-24	03
				25-34	04
				35-44	05
				45-54	06
				55-59	07
				60-64	08
				65+	09
	3-4	Age 1A (16-21 years)	All	Not 16-21	00
				16-21 Yrs. School	10
				16-21 Yrs. Other	11
	5-6	Age 2	All	Less than 25 years	00
				25-29	01
				30-34	02
				35-39	03
				40-44	04
				45-49	05
				50-54	06
				55-59	07
				60-64	08
				62-64	09
				65-69	10
				70+	11

-more-

Word	Chr.	Characteristic	Universe	Description																																																		
35	1-2	Major Activity Ages 16-24	All	<table><tr><th colspan="4">Major Activity</th></tr><tr><th rowspan="2">Age</th><th rowspan="2">School</th><th colspan="2">Other</th></tr><tr><th>HAIE or FBI, MSP</th><th>FBI Not MSP</th></tr><tr><td>16</td><td>1</td><td>10</td><td>19</td></tr><tr><td>17</td><td>2</td><td>11</td><td>20</td></tr><tr><td>18</td><td>3</td><td>12</td><td>21</td></tr><tr><td>19</td><td>4</td><td>13</td><td>22</td></tr><tr><td>20</td><td>5</td><td>14</td><td>23</td></tr><tr><td>21</td><td>6</td><td>15</td><td>24</td></tr><tr><td>22</td><td>7</td><td>16</td><td>25</td></tr><tr><td>23</td><td>8</td><td>17</td><td>26</td></tr><tr><td>24</td><td>9</td><td>18</td><td>27</td></tr><tr><td colspan="3">All Others</td><td>00</td></tr></table>	Major Activity				Age	School	Other		HAIE or FBI, MSP	FBI Not MSP	16	1	10	19	17	2	11	20	18	3	12	21	19	4	13	22	20	5	14	23	21	6	15	24	22	7	16	25	23	8	17	26	24	9	18	27	All Others			00
Major Activity																																																						
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17	2	11	20																																																			
18	3	12	21																																																			
19	4	13	22																																																			
20	5	14	23																																																			
21	6	15	24																																																			
22	7	16	25																																																			
23	8	17	26																																																			
24	9	18	27																																																			
All Others			00																																																			
	3-4	Ages 4	All	<table><tr><td>less than 55 years</td><td>00</td></tr><tr><td>55 years</td><td>01</td></tr><tr><td>56 "</td><td>02</td></tr><tr><td>57 "</td><td>03</td></tr><tr><td>58 "</td><td>04</td></tr><tr><td>59 "</td><td>05</td></tr><tr><td>60 "</td><td>06</td></tr><tr><td>61 "</td><td>07</td></tr><tr><td>62 "</td><td>08</td></tr><tr><td>63 "</td><td>09</td></tr><tr><td>64 "</td><td>10</td></tr><tr><td>65 "</td><td>11</td></tr><tr><td>66 "</td><td>12</td></tr><tr><td>67 "</td><td>13</td></tr><tr><td>68 "</td><td>14</td></tr><tr><td>69 "</td><td>15</td></tr><tr><td>70 "</td><td>16</td></tr><tr><td>71 "</td><td>17</td></tr><tr><td>72 "</td><td>18</td></tr><tr><td>73 "</td><td>19</td></tr><tr><td>74 "</td><td>20</td></tr><tr><td>75+</td><td>21</td></tr></table>	less than 55 years	00	55 years	01	56 "	02	57 "	03	58 "	04	59 "	05	60 "	06	61 "	07	62 "	08	63 "	09	64 "	10	65 "	11	66 "	12	67 "	13	68 "	14	69 "	15	70 "	16	71 "	17	72 "	18	73 "	19	74 "	20	75+	21						
less than 55 years	00																																																					
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56 "	02																																																					
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67 "	13																																																					
68 "	14																																																					
69 "	15																																																					
70 "	16																																																					
71 "	17																																																					
72 "	18																																																					
73 "	19																																																					
74 "	20																																																					
75+	21																																																					

6-29

053

-more-

Word	Char.	Characteristic	Universe	Description																																																							
35	5-6	Employed status (civilian noninstitutional population)	All	Employed in Agriculture 01 Employed in Nonagriculture 02 Unemployed 03 H11F House 04 School 05 Unable 06 Other Unpaid family worker (1-14 hours,) Agriculture 07 Unpaid family worker (1-14 hours,) Nonagriculture 08 Farm residents 09 Nonfarm residents 10																																																							
36	1-2	Marital status by Age 1	All	<table> <tr> <th>Age</th><th>Single</th><th>MSP</th><th>M3A</th><th>WID/DIV</th></tr> <tr> <td>14-17</td><td>01</td><td>12</td><td>23</td><td>34</td></tr> <tr> <td>18-19</td><td>02</td><td>13</td><td>24</td><td>35</td></tr> <tr> <td>20-24</td><td>03</td><td>14</td><td>25</td><td>36</td></tr> <tr> <td>25-34</td><td>04</td><td>15</td><td>26</td><td>37</td></tr> <tr> <td>35-44</td><td>05</td><td>16</td><td>27</td><td>38</td></tr> <tr> <td>45-54</td><td>06</td><td>17</td><td>28</td><td>39</td></tr> <tr> <td>55-59</td><td>07</td><td>18</td><td>29</td><td>40</td></tr> <tr> <td>60-64</td><td>08</td><td>19</td><td>30</td><td>41</td></tr> <tr> <td>65+</td><td>09</td><td>20</td><td>31</td><td>42</td></tr> <tr> <td colspan="5">Less than 16 years old - 00</td></tr> </table>	Age	Single	MSP	M3A	WID/DIV	14-17	01	12	23	34	18-19	02	13	24	35	20-24	03	14	25	36	25-34	04	15	26	37	35-44	05	16	27	38	45-54	06	17	28	39	55-59	07	18	29	40	60-64	08	19	30	41	65+	09	20	31	42	Less than 16 years old - 00				
Age	Single	MSP	M3A	WID/DIV																																																							
14-17	01	12	23	34																																																							
18-19	02	13	24	35																																																							
20-24	03	14	25	36																																																							
25-34	04	15	26	37																																																							
35-44	05	16	27	38																																																							
45-54	06	17	28	39																																																							
55-59	07	18	29	40																																																							
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65+	09	20	31	42																																																							
Less than 16 years old - 00																																																											
	3-4	Marital status by activity Age 1A	All	<table> <tr> <th>Activity</th><th>Single</th><th>MSP</th><th>M3A</th><th>WID/DIV</th></tr> <tr> <td>School</td><td>10</td><td>21</td><td>32</td><td>43</td></tr> <tr> <td>Other</td><td>11</td><td>22</td><td>33</td><td>44</td></tr> <tr> <td colspan="5">Not 16-21 years old - 00</td></tr> </table>	Activity	Single	MSP	M3A	WID/DIV	School	10	21	32	43	Other	11	22	33	44	Not 16-21 years old - 00																																							
Activity	Single	MSP	M3A	WID/DIV																																																							
School	10	21	32	43																																																							
Other	11	22	33	44																																																							
Not 16-21 years old - 00																																																											

6-30

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-more-

Word	Char.	Characteristic	Universe	Description	
36	5-6	Major Industry (II)	Civ. Labor Force	Never Worked	00
				Agriculture	01
				Mining	02
				Construction	03
				Manufacturing	
				Durable goods	04
				Non-durable goods	05
				Transportation and public utilities	
		1/ Starting with January, 1983, "Postal" workers were moved from "Public Administration" and placed under "Transportation", "Railroads and railway express" were included with "Other transportation"		1/ Postal	06
				Other transportation	07
				Other utilities	08
				Wholesale and retail trade	
				Wholesale trade	09
				Retail trade	10
				Finance, insurance, and real estate	11
				Private household service	12
				Miscellaneous service	
				Business and repair	13
				Personal, except private household	14
				Entertainment and recreation	15
				Medical, except hospitals	16
				Hospitals	17
				Welfare and religious	18
				Education	19
				Other professional services	20
				Forestry and fisheries	21
				1/ Public administration GAP	22
		2/ Starting in January, 1983, "Public Administration" includes the category "Armed Forces" which is restricted to <u>unemployed</u> persons who reported one of the military services as being their last job.			

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-more-

Attachment A

Page 34

Word	Char.	Characteristic	Universe	Description
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37 1-2 BLANK

3-4	Class of worker Employed-Unemployed	Civ. Labor Force	C/M Private Government (Federal, Local, and State) Self-employed Unpaid family Never Worked	EMP 01 02 03 04	UNEMP 05 06 07 08 00
-----	--	---------------------	---	-----------------------------	-------------------------------------

-more-

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## Attachment A

Page 35

Word	Char.	Characteristic	Universe	Description
37	5-6	Major Industry (1)	Civ. Labor Force	<p>Agriculture, Private Household workers &amp; never worked 00</p> <p>Mining 01</p> <p>Construction 02</p> <p>Manufacturing</p> <p>Durable goods 03</p> <p>Nondurable goods 04</p> <p>Transportation and public utilities</p> <p>Postal 05</p> <p>Other transportation 06</p> <p>Other utilities 07</p> <p>Wholesale and retail trade</p> <p>Wholesale trade 08</p> <p>Retail trade 09</p> <p>Finance, insurance, and real estate 10</p> <p>Miscellaneous services</p> <p>Business and repair 11</p> <p>Personal, except private household 12</p> <p>Entertainment and recreation 13</p> <p>Medical, except hospitals 14</p> <p>Hospitals 15</p> <p>Welfare and religious 16</p> <p>Education 17</p> <p>Other professional services 18</p> <p>Forestry and fisheries 19</p> <p>Public administration 20</p>
		1/ 2/ See page 33		

-more-

Word	Char.	Characteristic	Universe	Description	
30	1-2	Detailed Industry	Civ. labor Force	Never Worked	00
				Goods-producing industries	
				Agricultural production	01
				Agricultural services	02
				Mining	03
				Construction	04
				Manufacturing	
				Durable goods	
				Lumber	06
				Furniture	07
				Stone, clay, glass	08
				Primary metals	09
				3/ Fabricated metals (incl. not spec. metal)	10
				Machinery, exc. elect.	11
				Electrical equipment	12
				Transportation equipment	
				Automobiles	13
				Aircraft	14
				Other transportation equip.	15
				Instruments	16
				Miscellaneous	17
				Non-durable goods	
				Food	18
				Tobacco	19
				Textiles	20
				Apparel	21
				Paper	22
				Printing	23
				Chemicals	24
				Petroleum	25
				Rubber and plastics	26
				Leather and not specified manufacturing	27

3/ Starting in January, 1983, "Ordnance" was combined with "Fabricated metals."

Word	Char.	Characteristic	Universe	Description
30	1-2	Detailed Industry (Con't)	Civ. Labor Force	Service-producing industries
				Transportation and public utilities
				1/ Postal 28
				Other transportation 29
				Communications 30
				Other public utilities 31
				Trade
				Wholesale 32
				Retail
				Eating and drinking places 33
				Other retail 34
				Finance, insurance, and real estate
				Banking and other finance 35
				Insurance and real estate 36
				Private household service 37
				Miscellaneous services
				Business and repair
				Business 38
				Repair 39
				Personal services, except private household 40
				Entertainment and recreation 41
				Professional services
				Medical, except hospitals 42
				Hospitals 43
				Welfare and religious 44
				Educational 45
				Other professional 46
				Forestry and fisheries 47
				Public administration
				Armed Forces 48
				Other Federal 49
				State 50
				Local 51

1/ 2/ See page 33.

# Attachment A

Page 30

Word	Char.	Characteristic	Universe	Description
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30 J-6 BLANK

39	1-2	Manufacturing	Civ. Labor Force	Never worked or not Hfg. Incl. 00 Durable goods
				Lumber 02
				Furniture 03
				Stone, clay, glass 04
				Primary metals 05
				3/ Fabricated metals (Incl. not spec. metal) 06
				Machinery, exc. elect. 07
				Electrical equipment 08
				Transportation equipment 09
				Automobiles 10
				Aircraft 11
				Other transportation equipment 12
				Instruments 13
				Miscellaneous 14

3/ See page 36.

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Revised 3/84

Word	Char.	Characteristic	Universe	Description	
39	1-2	Manufacturing (Con't)	Civ. Labor Force	Durable goods	
				Food	14
				Tobacco	15
				Textiles	16
				Apparel	17
				Paper	18
				Printing	19
				Chemicals	20
				Petroleum	21
				Rubber and plastics	22
				Leather and not specified manufacturing	23
	3-4	Persons not at work or hours at work	All	Unemployed and HILF	00
				<u>With a job but not at work</u>	
				Illness	01
				Vacation	02
				Bad weather	03
				Labor dispute	04
				All other	05
				<u>At work</u>	
				1-4 hours	06
				5-14 hours	07
				15-21 hours	08
				22-29 hours	09
				30-34 hours	10
				35-39 hours	11
				40 hours	12
				41-47 hours	13
				48 hours	14
				49-59 hours	15
				60 hours or more	16

-more-

Word	Char.	Characteristic	Universe	Description	
39	5-6	At work 1-3 1/4 hours by hours at work	ESR = 1 (Persons at work) and 20A is less than 35	Usually full time, part time for noneconomic reasons Usually work full time, part time for economic reasons 1-1/4 hours 3-1 1/4 hours 15-29 hours 30-3 1/4 hours Usually work part time, economic reasons 1-1/4 hours 3-1 1/4 hours 15-29 hours 30-3 1/4 hours Usually work part time, noneconomic reasons 1-1/4 hours 3-1 1/4 hours 15-29 hours 30-3 1/4 hours	00 01 02 03 04 05 06 07 08 09 10 11 12
40	1-2	Detailed reason by hours 1-3 1/4	ESR = 1 (At Work) and 20A is less than 35	Not In Universe Usually work full time Black work Material shortages; plant or machine repair New job started Job terminated Holiday Labor dispute Bad weather Own illness On vacation All other	(X) 01 02 03 04 05 06 07 08 09 10

-more-

Word	Char.	Characteristic	Universe	Description	
40	1-2	Detailed reason by hours 1-34 (Cont)	ESR = 1 (At work) and 20A is less than 35	Usually work part time Slack work Could find only part time work Own illness Too busy or did not want full time Full-time work week is under 35 hours All other	11 12 13 14 15 16
	3-4	Reason not at work and pay status	ESR = 2 (with job; not at work)	Not in Universe Usually work full time Paid Vacation Illness All other Not Paid Vacation Illness All other Usually work part time Paid Vacation Illness All other Not Paid Vacation Illness All other	00 01 02 03 04 05 06 07 08 09 10 11 12
	5-6	Program Signal	All		50
41 thru 42	1 6	Veteran's Weight <sup>1/</sup> (Starting January 1986)	All 16+	Two implied decimal places, right justified, space filled	

<sup>1/</sup> CPS final weights controlled to independent veterans estimates from the Veterans Administration. Used exclusively for tallying Labor Force status of Veterans/Nonveterans

-more-

The next page is 43.

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063

Word	Char.	Characteristic	Universe	Description	
<u>Edited Earnings Items (outgoing rotations only)</u>					
43 and 44	ALL	Earnings Weight for ALL Races	Eligible for Earnings 1/	Two implied decimal places, right justified, space filled	
45 and 46	ALL	Earnings Weight for Spanish	Eligible for Earnings 1/ and Ethnicity = Spanish	Two implied decimal places, right justified, space filled	
47 and 48	ALL	PADDING			
49	1	Eligibility Flag 1/	ALL	Not eligible Eligible	- 1
640	2-3	125A (Edited) - Usual hours worked per week?	Eligible	Hours worked	00-99
	4	125B (Edited) - Paid by hour?	Eligible	Yes No	1 2
49 and 50	5-6 1-2	125C (Edited) - Earnings per hour? (See Appendix 12)	125D (Edited) = 1	Earnings per hour (2 implied decimal places)	0000-9999
	3-5	125D (Edited, computed) 2/ Earnings per week	Eligible	Earnings per week	000-999

1/- One of the following conditions must be met for a person to be in the universe:

(1) If outgoing rotation (wd. 1, ch. 2=4 or 0) and ESR 1 or 2 (wd. 19, ch. 1=1 or 2) and edited item 23E is Private (wd. 15, ch. 3=1) and unedited item 23E is blank, private, or government (wd. 53, ch. 6/5, 6, 7, or 0)

(2) If outgoing rotation and ESR 1 or 2 and edited item 23E is Government (wd. 15, ch. 3=2)

2/- For hourly workers, computed 25A X 25C value appears here. For weekly workers, edited 25D value appears

Word	Char.	Characteristic	Universe	Description	
50	6	Item 25E-Member of union? (Edited)	49:1=1	Yes No	1 2
51	1	125A Allocation Flag	Eligible	125A not allocated 125A allocated	- 1
	2	125B Allocation Flag	Eligible	125B not allocated 125B allocated	- 1
	3	125C Allocation Flag	125B (Edited) = 1	125C not allocated 125C allocated	- 1
	4	125D Allocation Flag	Eligible	125D not allocated 125D allocated	- 1
	5	125 (Edited) Interviewer Check Item	ESR 1 or 2 and 23E = P, F, S, or L	(Not in universe) Month-in-sample 1, 2, 3, 5, 6, or 7 Month-in-sample 4 or 8	- 1 2
	6	123F (Edited) Interviewer Check Item	ALL	(Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 123E Entry (or NA) in 121B and P, F, S, or L in 123E	- 1 :
52	1-3	125D (Edited) - Usual weekly earnings	<u>3/</u>	Weekly Earnings	000-99
52	4	Item 25F-covered by union contract?	WD/0:1=1	Yes	1
	5	Item 25E Allocation Flag	and 50:6=2	No	:
52	6	Item 25F Allocation Flag	Eligible	125E Not Allocated 125E Allocated	:
			125E=No	125F Not Allocated 125F Allocated	:

3/ Reported 25D value appears here for an hourly worker. If 25D was not reported for an hourly worker, the 25A x 25C computed value appears here. This field is blank for weekly workers. This field is used for tabulation purposes for hourly workers.

Word	Char.	Characteristic	Universe	Description
<u>Basic CPS Allocation Flags</u>				
53	1	Item 5a	All	Not Allocated Allocated
6-42 54	2	4	↓	↓
	3	5b		
	4	9		
	5	All Labor Force Items		
	6	ESR		
	1	10H		
	2	10G - Sex		
	3	10J		
	4	10E		
	5	10D		
	6	10I		
	1	10H		
	2	10G - Veteran Status		
	3	19		
55	4	23B	↓	↓
066	5	23C		
	6	23E		

Word	Char.	Characteristic	Universe	Description
56	1	20A	All	Not Allocated Allocated
	2	20C		
	3	21A		
	4	21D		
	5	21C		
	6	22C		
97	1	22D		
	2	22F		
	3	24A		
	4	24D		
	5	24C		
	6	24D		
50	1	22A		
	2	22E		
	3	18A		
	4	22D		
	5	24E		
067	6	Geographic Identification		

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Word	Char.	Characteristic	Universe	Description	
<u>Unedited Basic CPS Transcription Items 1/</u>					
59	1	Item 27	Tenure (Unedited)	All	Owned or being bought Rented No cash rent No entry
					6 7 0 Blank
59	2	Item 28	Total Family Income (Unedited)	All	Under \$5,000 \$ 5,000 - 7,499 \$ 7,500 - 9,999 \$10,000 -12,499 \$12,500 -14,999 \$15,000 -17,499 \$17,500 -19,999 \$20,000 -24,999 \$25,000 -29,999 \$30,000 -34,999 \$35,000 -39,999 \$40,000 -49,999 \$50,000 -74,999 \$75,000 and Over No Entry
					0 1 2 3 4 5 6 7 8 9 A B C D Blank
	3	Item 29A - Telephone in household (transcribe from control card item 30a) Unedited 2/	All	Blank Yes No	- 1 2
	4	Item 29B - Telephone available (transcribe from control card item 30b) Unedited 2/	I-29a= No	Blank Yes No	- 1 2
	5	Item 29C - Telephone interview acceptable (Transcribe from control card item 30d) Unedited 2/	I-29a= Yes or I-29b= Yes	Blank Yes No	- 1 2

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0631/

Note Items 27-29C are included on each person's record.

2/

July and November only. Padding all other months.

Word	Char.	Characteristic	Universe	Description		
59	6	PADDING				
60	6					
6-45	61	1	Item 23E-Class of Worker ( Edited)	Same as 123E	Private	1
					Federal Government	2
					State Government	3
					Local Government	4
					Self-Employed-Inc.	5
					Self-Employed-Uninc.	6
					Without Pay	7
					Never worked	8
		2	Item 23E-Class of Worker (Edited & recoded)	Same as above	Private (incl. S-E,Inc.)	1
					Federal Government	2
					State Government	3
					Local Government	4
					Self-Employed-Uninc.	5
					Without Pay	6
				Never worked	7	
	3	Nonagriculture Private Wage & Salary	All	Not in Universe	0	
				In Universe	1	

-more-

## ATTACHMENT A

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
61	4-5	Class of Worker II (Detailed)	Same as I23E (Exc. Never worked)	Agriculture Wage & Salary Private Government Self-Employed Unpaid Family Non-Agriculture Wage & Salary Private Industry Private Household Other Private Government Federal State Local Self-Employed Unpaid Family	   01 02 03 04  05 06  07 08 09 10 11
61	6	Major Occupation	Same as I23E	Managerial & Professional Executive, admin. & managerial	01
62	1			Professional specialty Technical, sales & admin. support Technicians & related support Sales Administrative support, incl. clerical Service Private household Protective service Other service Precision production, craft and repair Operators, fabricators & laborers Machine operators, assemblers & inspectors Transportation & material moving Handlers, equip. cleaners, etc. Farming, forestry & fishing Armed Forces No previous experience - Never worked	02 03 04 05 06 07 08 09 10 11 12 13 14 15

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more

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	2-3	Major Industry	Same as 123E (Exc. never worked)	Agriculture	01
				Mining	02
				Construction	03
				Manufacturing	
				Durable goods	04
				Non-durable goods	05
				Transportation, communications & other public utilities	
				Transportation	06
				Communications & public util.	
				Communications	07
				Utilities & sanitary services	08
				Wholesale & retail trade	
				Wholesale trade	09
				Retail trade	10
				Finance, insurance & real estate services	11
				Private households	12
				Miscellaneous services	
				Business & repair	13
				Personal services, exc. priv. hh	14
				Entertainment & recreations	15
				Professional & related	
				Hospitals	16
				Medical, exc. hospitals	17
				Educational	18
				Social services	19
				Other professional	20
				Forestry & fisheries	21
				Public administration	22
				Armed Forces	23

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## TEACHMENT A (Interview Adults)

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ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	4-5	Detailed Occupation	Some ns 123E	Never worked	00
				Managerial & professional specialty	
				Executive, admin. & managerial	
				Officials & admin., public admin.	01
				Other exec., admin. & managerial	02
				Management related	03
				Professional specialty	
				Engineers	04
				Mathematical & computer scientists	05
				Natural scientists	06
				Health diagnosing	07
				Health assessment & treatment	08
				Teachers, college & university	09
				Teachers, exc. college & univ.	10
				Lawyers & judges	11
				Other professional specialty	12
				Technical, sales & administrative support	
				Technicians & related	
				Health technologists & tech.	13
				Engin. & science technicians	14
				Other technicians	15
				Sales	
				Supervisors & proprietors	16
				Sales reps., finance & business	17
				Sales reps., commodities, except retail	18
				Sales workers, retail & personal	19
				Sales related	20
				Administrative support, including clerical	
				Supervisors	21
				Computer equip. operators	22
				Secretaries, stenog., typists	23
				Financial records processing	24
				Mail & message distribution	25
				Other admin., incl. clerical	26

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-more-

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	4-5	Detailed Occupation (cont'd)		Service	
				Private household	27
				Protective service	28
				Other service	
				Food	29
				Health	30
				Cleaning & building	31
				Personal	32
				Precision production, craft & repair	
				Mechanics & repairers	33
				Construction trades	34
				Other precision prod., craft and repair	35
				Operators, fabricators & laborers	
				Machine oper., assemb. & inspec.	
				Machine oper. & tenders, except precision	36
				Fabricators, assemblers, inspectors & samplers	37
				Transportation & material moving	
				Motor vehicle operators	38
				Other transp. & material moving	39
				Handlers, equip. cleaners, helpers, laborers	
				Construction laborers	40
				Freight, stock & material handlers	41
				Other handlers, equip. cleaners, helpers & laborers	42
				Farming, forestry & fishing	
				Farm operators & managers	43
				Farm workers & related	44
				Forestry & fishing	45
				Armed Forces	46

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-more-

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	6	Detailed Industry	Same as I23E	Never Worked	00
63	1			Goods-producing Industries	
				Agriculture	
				Agricultural services	01
				Other agricultural	02
				Mining	03
				Construction	04
				Manufacturing	
				Durable Goods	
				Lumber & wood products, except furniture	05
				Furniture & fixtures	06
				Stone, clay, glass & concrete products	07
				Metal Industries	
				Primary metals	08
				Fabricated metals	09
				Not specified metals	10
				Machinery, exc. electrical	11
				Electrical machinery, equip. & supplies	12
				Transportation equipment	
				Motor vehicles & equipment	13
				Other transportation equip.	
				Aircraft & parts	14
				Other trans. equip.	15
				Professional & photo equip.	16
				Toys, amusement & sporting goods	17
				Misc. & nec mfg. industries	18
				Non-durable goods	
				Food & kindred products	19
				Tobacco manufactures	20
				Textile mill products	21
				Apparel & other finished textile products	22
				Paper & allied products	23
				Printing, publishing & allied industries	24
				Chemicals & allied products	25
				Petroleum & coal products	26
				Rubber & misc. plastics	27
				Leather & leather products	28

-more-

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	6	Detailed Industry (cont'd)	Same as 123E	Service-producing industries	
63	1			Transportation, communication & other public utilities	
				Transportation	29
				Communications & other public utilities	
				Communications	30
				Utilities & sanitary serv.,	31
				Wholesale & retail trade	
				Wholesale trade	32
				Retail trade	33
				Finance, insurance & real estate	
				Banking & other finance	34
				Insurance & real estate	35
				Services	
				Private household	36
				Misc. services	
				Business & repair serv.	
				Business services	37
				Repair services	38
				Personal services, exc. private household	39
				Entertainment & recreation	40
				Professional & related serv.	
				Hospitals	41
				Health serv., exc. hospitals	42
				Educational services	43
				Social services	44
				Other professional serv.	45
				Forestry & fisheries	46
				Public administration	
				Justice, public order & safety	47
				Admin. of human resource programs	48
				National security & internal affairs	49
				Other public administrated	50
				Armed Forces	51

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-more-

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
63	2-4	Item 23D - INDUSTRY (1980 Edited)	Same as I23E (Exc. Never worked)	3-digit Industry Code	010-991
63	5-6	Item 23C - OCCUPATION (1980 Edited)	Same as I23E (Exc. Never worked)	3-digit Occupation Code	003-903
64	1				
64	2-6	PADDING			

The data appearing in words 65 through 80 are the result of the new demographic edit. These demographic characteristics are usually consistent with those produced by the basic CPS edit (found in word 16 character 4 through word 18 character, 3), but are not necessarily identical. The choice of which data set to use depends on the user's needs. Those desiring comparability with most of BLS's published data or attempting to duplicate the Phase II population controls should use the basic CPS edit characteristics since these characteristics are used in the basic CPS weighting. The new family edit does change sex for some individuals; hence, some population cells may not equal the controls tallied using the new data. Individuals interested in family data or replicating BLS's family data should use the characteristics produced by the new demographic edit.

## ATTACHMENT A (Interview Adults)

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	All	Line Number	01-39
	3	Item 18B - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 8 9 A
	4-5	Item 18C - PARENT'S LINE NUMBER	All	None Parent's line number	00 01-39
	6	PADDING			
66	1-2	Item 18D - AGE	All	Age in Years	14- 90 <sup>1/</sup>
	3	Item 18E - MARITAL STATUS	All	Married-civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	1 2 3 4 5 6 7
	4-5	Item 18F - SPOUSE'S LINE NUMBER	All	None Spouse's line number	00 01-39
	6	Item 18G - SEX	All	Male Female	1 2

<sup>1/</sup>Age topcoded at 90 years

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## ATTACHMENT A (Interview Adults)

PAGE 57

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	Item 10G - VETERAN STATUS -----	SEX=MALE	Vietnam Era Korean War World War II World War I Other Service Nonveteran	1 2 3 4 5 6
	2-3	Item 10H - HIGHEST GRADE (of school) ----- ATTENDED	All	None E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 C1 C2 C3 C4 C5 C6+	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
	4	Item 10I - GRADE COMPLETED -----	All	Yes No	1 2
	5	Item 10J - RACE -----	All	White Black Other	1 2 3
	6	PADDING			

## ATTACHMENT A (Interview Adults)

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
68	1-2	PADDING			
	3-4	FAMILY NUMBER	ALL	Not a Family Member Primary Family Member Only Subfamily Member	00 01 02-39
	5	FAMILY TYPE	ALL	Primary Family Primary Individual Related Subfamily Unrelated Subfamily Secondary Individual	1 2 3 4 5
	6	FAMILY RELATIONSHIP	ALL	Not a Family Member Reference Person Spouse Child Other Relative(Primary Family only)	0 1 2 3 4
69	1-4	PADDING			
	5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2

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079

## CPS-1 DOCUMENT RECORD LAYOUT (Effective 07/85)

## ATTACHMENT A (Interview Adults)

DATE 070185

PAGE 59

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	MARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	SPOUSE'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	VETERAN STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
71	1	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	2	GRADE COMPLETED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	PADDING			
thru 72	5	Total Weekly Family Earnings (for members 16+)	MIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	2				
	3	PADDING	All		

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## ATTACHMENT A (Interview Adults)

DATE 070185

PAGE 60

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
72	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
	5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with MD 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,6	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8 9

CP5-1 DOCUMENT RECORD LAYOUT (Effective 07/85)

ATTACHMENT A (Interview Adults)

DATE 070185

PAGE 61

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
73	6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed	0 0 1-8 9
74	1	HOUSEHOLD TYPE	ALL	Husband/Wife Primary Family - (Neither Husband or Wife in Armed Forces) Husband/Wife Primary Family - (Husband and/or Wife in Armed Forces) Unmarried Civilian Male Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Male Primary Individual Civilian Female Primary Individual Primary Individual Household - Reference Person in Armed Forces Group Quarters	1 2 3 4 5 6 7 8 9
	2	NUMBER OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 8+ Children	0 1 2 3 4 5 6 7 8 9
	3	PRESENCE OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children < 18 Years Old All Children 14-17 Years Old All Children 6-13 Years Old All Children 0-5 Years Old Children 14-17, and 6-13 (No Children 0-5) Children 14-17 and 0-5 (No Children 6-13) Children 6-13 and 0-5 (No Children 14-17) Children from all Age Groups	0 1 2 3 4 5 6 7 8
	4	PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
74	5	Number of Earners in Primary Family 16+	All	Not in Primary Family No earners 1-8 earners 9+ earners	0 0 1-8 9
	6	Number of Unemployed in Primary Family 16+	All	Not in Primary Family No Unemployed 1-8 unemployed 9+ unemployed	0 0 1-8 9
75 and 76	1-6 1-6	FAMILY WEIGHT	ALL	Two Implied Decimal Places, Right Justified, Space Filled (01)	
77	1-2	HOUSEHOLD SIZE	ALL	Number of Persons in Household	01-39
	3-4	NUMBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Families	00-39
	5-6	PADDING			
78 and 79	1-6 1-6	FAMILY EARNINGS WEIGHT	MIS=4,8	Two Implied Decimal Places, Right Justified, Space Filled (01)	
80	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS (16+)	All	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	MIS=4,8	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not In Universe	0 1 2 3 4 5
	3-6	TOTAL WEEKLY FAMILY EARNINGS	MIS=4,8	Not in Primary Family Usual Weekly Family Earnings	Blank 0000-9999

\*\*\*\*\* END OF ATTACHMENT A \*\*\*\*\*

ATTACHMENT 7  
CURRENT POPULATION SURVEY  
CHILDREN'S INTERVIEW RECORD LAYOUT  
(BEGINNING July 1985)  
FOR STANDARD TAPE COPIES

Page 1

Attachment					
Word	Char.	Characteristic	Universe	Description	
1	1	Record type	All	Interview	5
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
	4-6	Household ID Number	All		
2	1-6				
3	1-3				
	4	Region (From M.S.T.)	All	Northeast	1
				North Central	2
				South	3
				West	4

Note: Edited household items & recodes and Geographic Identifiers & recodes are transferred from the Principal Person's record to all children in the Household.

-more-

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Word	Char.	Characteristic	Universe	Description
3	5	Division (From H.S.T.)	All	<div> <div> New England  Middle Atlantic  East North Central  West North Central  South Atlantic  East South Central  West South Central  Mountain  Pacific </div> <div> 1 2 3 4 5 6 7 8 9 </div> <div> Region 1  Region 2  Region 3  Region 4 </div> </div>
	5-6	State (1st digit of State Code is Division Code) (From H.S.T.)	All	<div> <div> <u>New England Division</u>  Maine  New Hampshire  Vermont  Massachusetts  Rhode Island  Connecticut </div> <div> 11 12 13 14 15 16 </div> </div> <div> <div> <u>Middle Atlantic Division</u>  New York  New Jersey  Pennsylvania </div> <div> 21 22 23 </div> </div>

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	
				<u>East North Central Division</u>
				Ohio 31
				Indiana 32
				Illinois 33
				Michigan 34
				Wisconsin 35
				<u>West North Central Division</u>
				Minnesota 41
				Iowa 42
				Missouri 43
				North Dakota 44
				South Dakota 45
				Nebraska 46
				Kansas 47
				<u>South Atlantic Division</u>
				Delaware 51
				Maryland 52
				District of Columbia 53
				Virginia 54
				West Virginia 55
				North Carolina 56
				South Carolina 57
				Georgia 58
				Florida 59
				<u>East South Central Division</u>
				Kentucky 61
				Tennessee 62
				Alabama 63
				Mississippi 64

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code in Division Code) (From M.S.T.) (Con't)	All	<u>West South Central Division</u>	71 72 73 74
				Arkansas	
				Louisiana	
				Oklahoma	
				Texas	
				<u>Mountain Division</u>	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88
				<u>Pacific Division</u>	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

-more-

Word	Char.	Characteristic	Universe	Description
1	1-2	State Rankings (From H.S.T.)	All	<div>1980 Ranking</div> <div> California (CA) 01  New York (NY) 02  Texas (TX) 03  Pennsylvania (PA) 04  Illinois (IL) 05  Ohio (OH) 06  Florida (FL) 07  Michigan (MI) 08  New Jersey (NJ) 09  North Carolina (NC) 10  Massachusetts (MA) 11  Indiana (IN) 12  Georgia (GA) 13  Virginia (VA) 14  Missouri (MO) 15  Wisconsin (WI) 16  Tennessee (TN) 17  Maryland (MD) 18  Louisiana (LA) 19  Washington (WA) 20  Minnesota (MN) 21  Alabama (AL) 22  Kentucky (KY) 23  South Carolina (SC) 24  Connecticut (CT) 25  Oklahoma (OK) 26  Iowa (IA) 27  Colorado (CO) 28  Arizona (AZ) 29  Oregon (OR) 30 </div>

7-5

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-more-

Word	Char.	Characteristic	Unlabeled	Description
4	1-2	State Rankings (Con't) (From H.S.T.)	All	1980 Ranking
				Mississippi (MS) 31
				Kansas (KS) 32
				Arkansas (AR) 33
				West Virginia (WV) 34
				Nebraska (NE) 35
				Utah (UT) 36
				New Mexico (NM) 37
				Maine (ME) 38
				Hawaii (HI) 39
				Rhode Island (RI) 40
				Idaho (ID) 41
				New Hampshire (NH) 42
				Nevada (NV) 43
				Montana (MT) 44
				South Dakota (SD) 45
				North Dakota (ND) 46
				Dist. of Columbia (DC) 47
				Delaware (DE) 48
				Vermont (VT) 49
				Wyoming 50
				Alaska 51

The next page is Page 8

Word	Char.	Characteristic	Universe	Description
4	3-4	PADDING		
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible - Only CPS-1 for household 1 First CPS-1 of cont. household 2 Second CPS-1 of cont. household 3 Third, fourth, etc. CPS-1 4
	6	Blank		

-more-

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or Appl-179 (Excluding I-- )
6	1	<u>Item 12</u> - LINE NO. H'HD RESP.	All	Blank or Impossible	-
				Non H'hd Resp.	1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Blank	-
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5-6	PADDING			
7	1-5	PADDING			
	6	BLANK			

-more-

091

7-8

Word	Char.	Characteristic	Universe	Description	
0	1	Land Usage (Recode) (Edited using Urban/Rural Code from H.S.T. and CPS-1 Document <u>Items 5a. and 5b.-new in Feb. 76</u> ) Recode reflects "old" Farm Definition. (Starting April 1984 - Reflects new farm definitions).	All	Nonfarm Farm	1 2, 3
	2-3	<u>Item 4 - TYPE OF LIVING QUARTERS (Recode)</u>	All	<u>Housing Unit</u> House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above <u>Other Unit</u> Qtrs. not HU in rooming or boarding house Unit not permanent in trans. hotel, motel, etc. Tent or trailer site Other not HU	01 02 03 04 05 06 07 08 09 10
		'New' Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from H.S.T. and CPS-1 Document <u>Items 5a. and 5b.</u> )	All	Nonfarm Farm	1 2,3

Word	Char.	Characteristic	Universe	Description
0	5	Blank		
	6	<u>Item 9</u> -- HOUSEHOLD NUMBER	A11	
9	1	} PADDING		
	Through			
16	3			

093

-more-

Word	Char.	Characteristic	Universe	Description	
16	4-5	<u>Item 10A</u> - LINE NUMBER	All		00-39
	6	<u>Item 10B</u> - RELATIONSHIP TO HEAD OF HOUSEHOLD (Final Edited Recoded - using Relationship to Reference Person (See word 18, char. 6 for expanded version)	Child (0-13 Years)	Other relative of head (includes own child/brother sister/other relative) Non-relative-own relatives in household. Non-relative-no own relatives in household	4 5 6
17	1-2	<u>Item 10D</u> - AGE	Child (0-13 Years)		00-13
	3	PADDING			
	4	<u>Item 10J</u> - RACE (Recode)	All	White Black Other	1 2 3
	5	<u>Item 10G</u> - SEX	All	Male Female	1 2
	6	PADDING			
18	1-3	PADDING			
	4	Program Signal	All	1 Child in Household 2 or more children in household	1 2
	5	Blank			
	6	<u>Item 18B</u> - Relationship to Head of household-expanded - (Edited using Head's and child's Relationship to Reference Person)	Child (0-13 years old)	Own Child Brother/Sister Other relative Non-relative - own relatives in household Non-relatives-no own relatives in household	1 2 3 4 5

--more--

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7-11

Word	Character	Characteristics	Universe	Description
19	1-2	PADDING		
	3	FLAG	Children 0-13 years — (NOTE: '0' or '1' in this position on Adult records as household indicator on non-interview records or principal person indicator on interview records.)	2 (Plugged)
	4-6	Document Count (Within Work Unit)	All	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	001 or ΔΔ1-99 9XX Assigned
	4-5	Month	All	01-12
7-12	6	Year — Last Digit	All	0-9
21 & 22	All	Final Weight	All	Two Understood Decimal Places. (Right justified, space fill -01)
23	1-6	PADDING		

Word	Char.	Characteristic	Universe	Description	
23	1-6	PADDING			
24	1-3				
	4-6	JRCERR	All	No. of errors charged to Enumerator	000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified 1/	000 000 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified 1/	00 00 01-12
	6	Individual Central City Code (Beginning October 1985)	All	Not identifiable Identified 1/	0 1-4
26	1	Metropolitan Status Code	All	Metropolitan Nonmetropolitan Not identifiable	1 2 3
	2	Central City Status Code (Beginning October 1985)	All	Central City Balance of MSA/PMSA Nonmetropolitan Not identifiable	1 2 3 4
	3	Blank			
	4	MSA/CMSA Size (From M.S.T.-reflecting 1983 Population Estimates) (Beginning October 1985)		Not identifiable 100,000-249,999 250,000-499,999 500,000-999,999 1,000,000-2,499,999 2,500,000-4,999,999 5,000,000-9,999,999 10,000,000+	0 2 3 4 5 6 7 8

1/ See Appendix #1

7-13

960

Word	Char.	Characteristic	Universe	Description
26	5	<u>Item 181</u> - ETHNICITY (Recode)	All	Mexican American 1 Chicano 2 Mexican (Mexicano) 3 Puerto Rican 4 Cuban 5 Central or South American 6 Other Spanish 7 All other 8 Do Not Know 9 NA A
	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4 } 5 }	PADDING		
	6	BLANK		
28 Through 58	1 } 6 }	PADDING		

7-14

097

-more-

Word	Char.	Characteristic	Universe	Description
<u>Unedited Basic CFS Transcription Items 1/</u>				
59,	1	Item 27	Tenure (Unedited)	All
				Owned or being bought
				Rented
				No cash rent
				No entry
				Blank
59	2	Item 28	Total Family Income (Unedited)	All
				Under \$5,000
				\$5,000 - 7,499
				\$7,500 - 9,999
				\$10,000 - 12,499
				\$12,500 - 14,999
				\$15,000 - 17,499
				\$17,500 - 19,999
				\$20,000 - 24,999
				\$25,000 - 29,999
				\$30,000 - 34,999
				\$35,000 - 39,999
				\$40,000 - 49,999
				\$50,000 - 74,999
				\$75,000 and Over
				No Entry
				Blank
	3	Item 29A - Telephone in household (transcribe from control card item 30a)	Unedited 2/	All
				Blank
				Yes
				No
	4	Item 29B - Telephone available (transcribe from control card item 30b)	Unedited 2/	I-29a=
				No
				Blank
				Yes
				No
	5	Item 29C - Telephone interview acceptable (Transcribe from control card item 30d)	Unedited 2/	I-29a=
				Yes
				or
				I-29b=
				Yes
64 thru 6)	6)	PADDING		

1/ Note Items 27-29C are included on each person's record.  
2/ July and November only. Padding all other months.

## ATTACHMENT E (Interview Children)

PAGE 17

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER -----	All	Line Number	01-39
	3	Item 18B - RELATIONSHIP TO REFERENCE PERSON -----	All	Own child Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	5 7 8 9 A
	4-5	Item 18C - PARENT'S LINE NUMBER -----	All	None Parent's line number	00 01-39
	6	PADDING			
66	1-2	Item 18D - AGE -----	All	AGE in Years	00-13
	3-5	PADDING			
	6	Item 18E - SEX -----	All	Male Female	1 2
67	1-4	PADDING			
	5	Item 18J - RACE -----	All	White Black Other	1 2 3
	6	PADDING			

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
68	1-2	PADDING			
	3-4	FAMILY NUMBER	ALL	Not a Family Member Primary Family Member Only Subfamily Member	00 01 02-39
	5	FAMILY TYPE	ALL	Primary Family Primary Individual Related Subfamily Unrelated Subfamily Secondary Individual	1 2 3 4 5
	6	FAMILY RELATIONSHIP	ALL	Not a Family Member Reference Person Spouse Child Other Relative(Primary Family only)	0 1 2 3 4
69	1-4	PADDING			
	5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3-4	PADDING			
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	PADDING			
71	1-2	PADDING			

## ATTACHMENT E (Interview Children)

DATE 070185

PAGE 19

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
71	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	PADDING			
72	5 thru 2	Total Weekly Family Earnings (for members 16+)	MIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	3	PADDING	ALL		
	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
	5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with WD 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 4 5 4 5 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,8	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not In Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8 9

## ATTACHMENT E (Interview Children)

DATE 070185

PAGE 20

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
73	6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed	0 0 1-8 9
74	1	HOUSEHOLD TYPE	ALL	Husband/Wife Primary Family - (Neither Husband or Wife in Armed Forces) Husband/Wife Primary Family - (Husband and/or Wife in Armed Forces) Unmarried Civilian Male Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Male Primary Individual Civilian Female Primary Individual Primary Individual Household - Reference Person in Armed Forces Group Quarters	1 2 3 4 5 6 7 8 9
	2	NUMBER OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 8+ Children	0 1 2 3 4 5 6 7 8 9
	3	PRESENCE OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children < 18 Years Old All Children 14-17 Years Old All Children 6-13 Years Old All Children 0-5 Years Old Children 14-17 and 6-13 (No Children 0-5) Children 14-17 and 0-5 (No Children 6-13) Children 6-13 and 0-5 (No Children 14-17) Children from all Age Groups	0 1 2 3 4 5 6 7 8
	4	PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
74	5	Number of Earners in Primary Family 16+	All	Not in Primary Family No earners 1-8 earners 9+ earners	0 0 1-8 9
	6	Number of Unemployed in Primary Family 16+	All	Not in Primary Family No unemployed 1-8 unemployed 9+ unemployed	0 0 1-8 9
75 and 76	1-6 1-6	FAMILY WEIGHT	ALL	Two Implied Decimal Places, Right Justified, Space Filled (01)	
77	1-2	HOUSEHOLD SIZE	ALL	Number of Persons in Household	01-39
	3-4	NUMBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Families	00-39
	5-6	PADDING			
78 and 79	1-6 1-6	FAMILY EARNINGS WEIGHT	MIS=4,8	Two Implied Decimal Places, Right Justified, Space Filled (01)	
80	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS (16+)	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	MIS=4,8	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not In Universe	0 1 2 3 4 5
	3-6	TOTAL WEEKLY FAMILY EARNINGS	MIS=4,8	Not in Primary Family Usual Weekly Family Earnings	Blank 0000-9999

\*\*\*\*\* END OF ATTACHMENT E \*\*\*\*\*

ATTACHMENT 8  
 CURRENT POPULATION SURVEY  
 NONINTERVIEW TYPE A RECORD LAYOUT  
 FOR STANDARD TAPE COPIES  
 (BEGINNING JULY 1985)

Attachment

Page 1

Word	Char.	Characteristic	Universe	Description	
8-1 2 3	1	Record Type	All	Noninterview Type A	2
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
	4-6	Household ID Number	All		
	1-6				
	1-3				
	4	Region (From M.S.T.)	All	Northeast North Central South West	1 2 3 4
	5	Division (From M.S.T.)	All	New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central Mountain Pacific	1 2 3 4 5 6 7 8 9
					) Region 1
					) Region 2
					) Region 3
					) Region 4

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u> Maine 11 New Hampshire 12 Vermont 13 Massachusetts 14 Rhode Island 15 Connecticut 16  <u>Middle Atlantic Division</u> New York 21 New Jersey 22 Pennsylvania 23  <u>East North Central Division</u> Ohio 31 Indiana 32 Illinois 33 Michigan 34 Wisconsin 35  <u>West North Central Division</u> Minnesota 41 Iowa 42 Missouri 43 North Dakota 44 South Dakota 45 Nebraska 46 Kansas 47

8-2

-more-

105

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From H.S.T.) (Con't)	All	<u>South Atlantic Division</u>	
				Delaware	51
				Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
				Florida	59
				<u>East South Central Division</u>	
				Kentucky	61
				Tennessee	62
				Alabama	63
				Mississippi	64
				<u>West South Central Division</u>	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				<u>Mountain Division</u>	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	<div>Pacific Division</div> <div>Washington 91</div> <div>Oregon 92</div> <div>California 93</div> <div>Alaska 94</div> <div>Hawaii 95</div>
4	1-2	State Rankings (From M.S.T.)	All	<div>1970 Ranking</div> <div>California 01</div> <div>New York 02</div> <div>Pennsylvania 03</div> <div>Texas 04</div> <div>Illinois 05</div> <div>Ohio 06</div> <div>Michigan 07</div> <div>New Jersey 08</div> <div>Florida 09</div> <div>Massachusetts 10</div> <div>Indiana 11</div> <div>North Carolina 12</div> <div>Missouri 13</div> <div>Virginia 14</div> <div>Georgia 15</div> <div>Wisconsin 16</div> <div>Tennessee 17</div> <div>Maryland 18</div> <div>Minnesota 19</div> <div>Louisiana 20</div> <div>Alabama 21</div> <div>Washington 22</div> <div>Kentucky 23</div> <div>Connecticut 24</div> <div>Iowa 25</div> <div>South Carolina 26</div>

-more-

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma 27 Kansas 28 Mississippi 29 Colorado 30 Oregon 31 Arkansas 32 Arizona 33 West Virginia 34 Nebraska 35 Utah 36 New Mexico 37 Maine 38 Rhode Island 39 Hawaii 40 District of Columbia 41 New Hampshire 42 Idaho 43 Montana 44 South Dakota 45 North Dakota 46 Delaware 47 Nevada 48 Vermont 49 Wyoming 50 Alaska 51
4	3-4	PADDING		

The next page is 7

-more-

Word	Char.	Characteristic	Universe	Description	
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1	- 1  2 3 4
	6	Blank			
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or APP-M99 (Excluding I--)
6	1	<u>Item 12</u> - LINE NO. II'ILD RESP.	All	Blank or Impossible Non II'hld Resp.	- 1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Noninterview	1

-more-

Word	Char.	Characteristic	Universe	Description	
6	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5 6	PADDING			
7	1	<u>Item 14</u> - RACE OF HEAD	All	White Black Other	1 2 3
	2	<u>Item 14</u> - REASON	All	No one home Temporarily absent Refused Other - Occ.	1 2 3 4
8-7	3-5	PADDING			
	6	Blank			
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition. (Starting April 1984, reflects new farm definitions)	All	Nonfarm Farm	1 2, 3
	2-3	<u>Item 4</u> - TYPE OF LIVING QUARTERS (Recode)	All	<u>Housing Unit</u> House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above	01 02 03 04 05 06

Word	Char.	Characteristic	Universe	Description
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	Other Unit Qtrs. not HU in rooming or boarding house 07 Unit not permanent in trans. hotel, motel, etc. 08 Tent or trailer site 09 Other not HU 10
	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/ Rural Code from H.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm 1 Farm 2, 3
8	5	Blank		
	6	Item 9 - HOUSEHOLD NUMBER (Unedited) <sup>u</sup>	All	Blank 1-8 1-8
9 through 19	1 2	PADDING		
	3	Household Indicator	All	1
	4-6	Document Count (Within Work Unit)	All	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	If Breaker was missing 001 or 001-999 9XX Assigned

Attachment B

Page 10

Word	Char.	Characteristic	Universe	Description
20	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
21	1-6	F111	All	(Binary 01)
22	1-5			
	6	Final Weight	All	"Regular Type A" Sub Sample 1 2-4

Word	Char.	Characteristic	Universe	Description
23 and 24	1-6 1-3	PADDING		
	4-6	JRCERR	All	No. of errors charged to Enumerator 000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable 000 Nonmetropolitan 000 Identified 1/ 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable 00 Not in a PMSA 00 Identified 1/ 01-12
	6	Individual Central City Code (Beginning October 1985)	All	Not identifiable 0 Identified 1/ 1-4
26	1	Metropolitan Status Code	All	Metropolitan 1 Nonmetropolitan 2 Not identifiable 3
	2	Central City Status Code (Beginning October 1985)	All	Central City 1 Balance of MSA/PMSA 2 Nonmetropolitan 3 Not identifiable 4
	3	Blank		
	4	MSA/CMSA Size (From M.S.T.- reflecting 1983 Population Estimates) (Beginning October 1985)		Not identifiable 0 100,000-249,999 2 250,000-499,999 3 500,000-999,999 4 1,000,000-2,499,999 5 2,500,000-4,999,999 6 5,000,000-9,999,999 7 10,000,000+ 8

Word	Char.	Characteristic	Universe	Description
8-11				
26	5-6	PADDING		
27	1-3	Blank		
	4	RACE (Recode)	All	White 1 Other 2
	5-6	Blank		
28 through 52	1 6	Blank		

Word	Char.	Characteristic	Universe	Description
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## BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	All	Not Allocated	0
	2	4		Allocated	1
	3	5b			
	4	9			
53 Thru 58	5 } 5 }	Padding			
8-12					
58	6	Geographic Identification			
59 Thru 80	1 } 6 }	Padding			

END OF BASIC CPS RECORD

## ATTACHMENT 9

CURRENT POPULATION SURVEY  
 NONINTERVIEW TYPE B-C RECORD LAYOUT  
 FOR STANDARD TAPE COPIES  
 (Beginning July 1985 )

Attachment

Page 1

Word	Char.	Characteristic	Universe	Description	
1	1	Record Type	All	Noninterview Type B or C	3
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
	4-6	Household ID Number	All		
2	1-6				
3	1-3				
	4	Region (From M.S.T.)	All	Northeast North Central South West	1 2 3 4
	5	Division (From M.S.T.)	All	New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central Mountain Pacific	1) 2) 3) 4) 5) 6) 7) 8) 9)
					Region 1 Region 2 Region 3 Region 4

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u>	
				Maine	11
				New Hampshire	12
				Vermont	13
				Massachusetts	14
				Rhode Island	15
				Connecticut	16
				<u>Middle Atlantic Division</u>	
				New York	21
				New Jersey	22
				Pennsylvania	23
				<u>East North Central Division</u>	
				Ohio	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	35
				<u>West North Central Division</u>	
				Minnesota	41
				Iowa	42
				Missouri	43
				North Dakota	44
				South Dakota	45
				Nebraska	46
				Kansas	47

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-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From H.S.T.) (Con't)	All	<u>South Atlantic Division</u>	
				Delaware	51
				Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
				Florida	59
				<u>East South Central Division</u>	
				Kentucky	61
				Tennessee	62
				Alabama	63
				Mississippi	64
				<u>West South Central Division</u>	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				<u>Mountain Division</u>	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	Pacific Division	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95
4	1-2	State Rankings (From M.S.T.)	All		<u>1970 Ranking</u>
				California	01
				New York	02
				Pennsylvania	03
				Texas	04
				Illinois	05
				Ohio	06
				Michigan	07
				New Jersey	08
				Florida	09
				Massachusetts	10
				Indiana	11
				North Carolina	12
				Missouri	13
				Virginia	14
				Georgia	15
				Wisconsin	16
				Tennessee	17
				Maryland	18
				Minnesota	19
				Louisiana	20
				Alabama	21
				Washington	22
				Kentucky	23
				Connecticut	24
				Iowa	25
				South Carolina	26

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma 27 Kansas 28 Mississippi 29 Colorado 30 Oregon 31 Arkansas 32 Arizona 33 West Virginia 34 Nebraska 35 Utah 36 New Mexico 37 Maine 38 Rhode Island 39 Hawaii 40 District of Columbia 41 New Hampshire 42 Idaho 43 Montana 44 South Dakota 45 North Dakota 46 Delaware 47 Nevada 48 Vermont 49 Wyoming 50 Alaska 51
4	3-4	PADDING		

The next page is 7

-more-

Word	Char.	Characteristic	Universe	Description	
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1	- 1  2  3 4
	6	Blank			
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or APP-M99 (Excluding 1--)
6	1	<u>Item 12</u> - LINE NO. H'ILD RESP.	All	Blank or Impossible Non H'hld Resp.	- 1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Noninterview	1

-more-

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Word	Char.	Characteristic	Universe	Description	
6	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5 } 6 }	PADDING			
7	1-2	<u>Item 15</u> - TYPE B OR C (Recode)	All	<u>Type B</u>	
				Vacant - regular	01
				Vacant - storage of h'hld furniture	02
				Temp. occ. by persons with URE	03
				Unfit or to be demolished	04
				Under construction, not ready	05
				Converted to temp. business or storage	06
				Occ. by AF members or persons under 14	07
				Unoccupied tent site or trailer site	08
				Permit granted, construction not started	09
				Other	10
				<u>Type C</u>	
				Demolished	11
				House or trailer moved	12
				Outside segment	13
				Converted to permanent business or storage	14
				Merged	15
				Condemned	16
				Built after April 1, 1980	17
				Unused line of listing sheet	18
				Other	19

-more-

Word	Char.	Characteristic	Universe	Description	
7	3-5	PADDING			
	6	Blank			
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition. (Effective April 1984, Reflects new farm definition)	All	Nonfarm Farm	1 2, 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	<u>Housing Unit</u> House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above	01 02 03 04 05 06

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-more-

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Word	Char.	Characteristic	Universe	Description	
8	2-3	<u>Item 4</u> - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	<u>Other Unit</u> Qtrs. not HU in rooming or boarding house Unit not permanent in trans. hotel, motel, etc. Tent or trailer site Other not HU	07 08 09 10
	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/ Rural Code from M.S.T. and CPS-1 Document <u>Items 5a.</u> and <u>5b.</u> )	All	Nonfarm Farm	1 2, 3
	5	Blank			
	6	<u>Item 9</u> - HOUSEHOLD NUMBER (Unedited)	All	Blank 1-8	- 1-8
9 through 19	1 2	PADDING			
	3				
	4-6	Household Indicator	All		1
	4-6	Document Count (Within Work Unit)	All		001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	If Breaker was missing	001 or 001-999 9XX Assigned

-more

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Word	Char.	Characteristic	Universe	Description
20	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
21	1-6	Fill	All	(Binary 01)
22	1-5			
	6	Final Weight	All	"Regular Type A" Sub Sample
				1 2-4

9-10

-more-

125

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6 1-3	PADDING			
	4-6		All	No. of errors charged to Enumerator	000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified 1/	000 000 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified 1/	00 00 01-12
	6	Individual Central City Code (Beginning October 1985)	All	Not identifiable Identified 1/	0 1-4
26	1	Metropolitan Status Code	All	Metropolitan Nonmetropolitan Not identifiable	1 2 3
	2	Central City Status Code (Beginning October 1985)	All	Central City Balance of MSA/PMSA Nonmetropolitan Not identifiable	1 2 3 4
	3	Blank			
	4	MSA/CMSA Size (From M.S.T.- reflecting 1983 Population Estimates) (Beginning October 1985)		Not identifiable	0
				100,000-249,999	2
				250,000-499,999	3
				500,000-999,999	4
				1,000,000-2,499,999	5
				2,500,000-4,999,999	6
				5,000,000-9,999,999	7
				10,000,000+	8

9-11

126

Word	Char.	Characteristic	Universe	Description
------	-------	----------------	----------	-------------

26 5-6 PADDING

27 1-3 Blank

4 RACE (Recode)

All

White  
Other

1  
2

5-6 Blank

28 1 }  
through  
52 6

9-12

Word	Char.	Characteristic	Universe	Description
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## BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	All	Not Allocated	0
	2	4		Allocated	1
	3	5b			
	4	9			
53 Thru 58	5 } 5 }	PADDING			
58	6	Geographic Identification	↓	↓	↓
59 Thru 80	1 } 6 }	PADDING			

9-13

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END OF BASIC CPS RECORD

## ATTACHMENT 10

CURRENT POPULATION SURVEY  
ARMED FORCE'S INTERVIEW RECORD LAYOUT  
(BEGINNING JULY 1985)  
FOR STANDARD TAPE COPIES

Page 1

Attachment Word	Char.	Characteristic	Universe	Description	
1	1	Record type	All	Interview	4
	2	Month in Sample (Recoded from Month and Rotation)	All		1-0
	3	Blank			
	4-6	Household ID Number	All		
2	1-6				
3	1-3				
	4	Region (From M.S.T.)	All	Northeast North Central South West	1 2 3 4

Note: Edited household items & recodes and Geographic Identifiers & recodes are transferred from the Principal Person's record to all children in the Household.

-more-

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Word	Char.	Characteristic	Universe	Description
3	5	Division (From H.S.T.)	All	<div> <div> New England  Middle Atlantic  East North Central  West North Central  South Atlantic  East South Central  West South Central  Mountain  Pacific </div> <div> 1 2 3 4 5 6 7 8 9 </div> <div> Region 1  Region 2  Region 3  Region 4 </div> </div>
	5-6	State (1st digit of State Code is Division Code) (From H.S.T.)	All	<div> <div> <u>New England Division</u>  Maine  New Hampshire  Vermont  Massachusetts  Rhode Island  Connecticut </div> <div> 11 12 13 14 15 16 </div> </div> <div> <div> <u>Middle Atlantic Division</u>  New York  New Jersey  Pennsylvania </div> <div> 21 22 23 </div> </div>

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	
				<u>East North Central Division</u>
				Ohio 31
				Indiana 32
				Illinois 33
				Michigan 34
				Wisconsin 35
				<u>West North Central Division</u>
				Minnesota 41
				Iowa 42
				Missouri 43
				North Dakota 44
				South Dakota 45
				Nebraska 46
				Kansas 47
				<u>South Atlantic Division</u>
				Delaware 51
				Maryland 52
				District of Columbia 53
				Virginia 54
				West Virginia 55
				North Carolina 56
				South Carolina 57
				Georgia 58
				Florida 59
				<u>East South Central Division</u>
				Kentucky 61
				Tennessee 62
				Alabama 63
				Mississippi 64

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code in Division Code) (From N.S.T.) (Con't)	All	<u>West South Central Division</u>	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				<u>Mountain Division</u>	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88
				<u>Pacific Division</u>	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

-more-

Word	Char.	Characteristic	Universe	Description
h	1-2	State Rankings (From H.S.T.)	All	<div>1980 Ranking</div> <div> California (CA) 01  New York (NY) 02  Texas (TX) 03  Pennsylvania (PA) 04  Illinois (IL) 05  Ohio (OH) 06  Florida (FL) 07  Michigan (MI) 08  New Jersey (NJ) 09  North Carolina (NC) 10  Massachusetts (MA) 11  Indiana (IN) 12  Georgia (GA) 13  Virginia (VA) 14  Missouri (MO) 15  Wisconsin (WI) 16  Tennessee (TN) 17  Maryland (MD) 18  Louisiana (LA) 19  Washington (WA) 20  Minnesota (MN) 21  Alabama (AL) 22  Kentucky (KY) 23  South Carolina (SC) 24  Connecticut (CT) 25  Oklahoma (OK) 26  Iowa (IA) 27  Colorado (CO) 28  Arizona (AZ) 29  Oregon (OR) 30 </div>

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Con't) (From H.S.T.)	All	1980 Ranking
				Mississippi (MS) 31
				Kansas (KS) 32
				Arkansas (AR) 33
				West Virginia (WV) 34
				Nebraska (NE) 35
				Utah (UT) 36
				New Mexico (NM) 37
				Maine (ME) 38
				Hawaii (HI) 39
				Rhode Island (RI) 40
				Idaho (ID) 41
				New Hampshire (NH) 42
				Nevada (NV) 43
				Montana (MT) 44
				South Dakota (SD) 45
				North Dakota (ND) 46
				Dist. of Columbia (DC) 47
				Delaware (DE) 48
				Vermont (VT) 49
				Wyoming 50
				Alaska 51

The next page is Page 8

Word	Char.	Characteristic	Universe	Description
4	3-4	PADDING		
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible - Only CPS-1 for household 1 First CPS-1 of cont. household 2 Second CPS-1 of cont. household 3 Third, fourth, etc. CPS-1 4
	6	Blank		

-more-

10-7

135

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-11A, or <del>100-179</del> (Excluding 1--)
6	1	<u>Item 12</u> - LINE NO. H'HD RESP.	All	Blank or Impossible	-
				Non H'hd Resp.	1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Blank	-
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or <del>10-29</del>
	5-6	PADDING			
7	1-5	PADDING			
	6	BLANK			

-more-

10-8

136

Word	Char.	Characteristic	Universe	Description
0	1	BLANK		
	2-3	<u>Item 4</u> - TYPE OF LIVING QUARTERS (Recode)	All	<u>Housing Unit</u> House, apt., flat 01 IU in nontransient hotel, etc. 02 IU, permanent, in trans. hotel, motel, etc. 03 IU in rooming house 04 Mobile home or Trailer 05 IU not specified above 06 <u>Other Unit</u> Qtrs. not IU in rooming or boarding house 07 Unit not permanent in trans. hotel, motel, etc. 08 Tent or trailer site 09 Other not IU 10  'New' Farm Definition (Recode) All Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document <u>Items 5a.</u> and <u>5b.</u> ) Nonfarm 1 Farm 2, 3

Word	Char.	Characteristic	Universe	Description
0	5	Blank		
6	6	<u>Item 9 - HOUSEHOLD NUMBER</u>	All	1-8
9	1	} Through 18		
18	6			
		PADDING		

Field	Character	Characteristics	Universe	Description
9	1-3	PADDING		
	4-6	Document Count (Within Work Unit)	All	001-999
10	1-3	Work Unit Number (From Breaker Sheet)	All	001 or ΔΔ 9XX Assign
	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
11	All	Final Weight	All	Two Understood Decimal Places. (Might justified, space fill -01)
12	1-6	PADDING		

10-11

Word	Char.	Characteristic	Universe	Description	
23	1-6	PADDING			
24	1-3				
	4-6	JRCERR	All	No. of errors charged to Enumerator	000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified 1/	000 000 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified 1/	00 00 01-12
	6	Individual Central City Code (Beginning October 1985)	All	Not identifiable Identified 1/	0 1-4
26	1	Metropolitan Status Code	All	Metropolitan Nonmetropolitan Not identifiable	1 2 3
	2	Central City Status Code (Beginning October 1985)	All	Central City Balance of MSA/PMSA Nonmetropolitan Not identifiable	1 2 3 4
	3	Blank			
	4	MSA/CMSA Size (From M.S.T.- reflecting 1983 Population Estimates) (Beginning October 1985)		Not identifiable 100,000-249,999 250,000-499,999 500,000-999,999 1,000,000-2,499,999 2,500,000-4,999,999 5,000,000-9,999,999 10,000,000+	0 2 3 4 5 6 7 8

Word	Char.	Characteristic	Universe	Description
26	5	<u>Item 181</u> - ETHNICITY (Hecode)	All	<div> <div>Mexican American</div> <div>Chicano</div> <div>Mexican (Mexicano)</div> <div>Puerto Rican</div> <div>Cuban</div> <div>Central or South American</div> <div>Other Spanish</div> <div>All other</div> <div>Do Not Know</div> <div>NA</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>A</div> </div>
	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4 } 5 }	PADDING		
	6	BLANK		
28 Through 64	1 } 6 }	PADDING		

10-13

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-more-

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	All	Line Number	01-39
	3	Item 18B - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household	1
				Reference Person with no other relatives in household	2
				Husband	3
				Wife	4
				Own child	5
				Parent	6
				Brother/Sister	7
				Other relative of reference person	8
				Non-relative of reference person - with own relatives in household	9
				Non-relative of reference person - no own relatives in household	A
	4-5	Item 18C - PARENT'S LINE NUMBER	All	None	00
				Parent's line number	01-39
	6	PADDING			
66	1-2	Item 18D - AGE	All	Age in Years	14-90 <sup>1/</sup>
	3	Item 18E - MARITAL STATUS	All	Married-civilian spouse present	1
				Married-Armed forces spouse present	2
				Married-spouse absent (Exclude separated)	3
				Widowed	4
				Divorced	5
				Separated	6
				Never married	7
	4-5	Item 18F - SPOUSE'S LINE NUMBER	All	None	00
				Spouse's line number	01-39
	6	Item 18G - SEX	All	Male	1
				Female	2

<sup>1/</sup>Age topcoded at 90 years

10-14

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	PADDING			
	2-3	Item 10I - HIGHEST GRADE (of school) ----- ATTENDED	All	None E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 C1 C2 C3 C4 C5 C6	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
	4	Item 10J - GRADE COMPLETED -----	All	Yes No	1 2
	5	Item 10J - RACE -----	All	White Black Other	1 2 3
	6	PADDING			
68	1-2	PADDING			
	3-4	FAMILY NUMBER	ALL	Not a Family Member Primary Family Member Only Subfamily Member	00 01 02-39
	5	FAMILY TYPE	ALL	Primary Family Primary Individual Related Subfamily Unrelated Subfamily Secondary Individual	1 2 3 4 5
	6	FAMILY RELATIONSHIP	ALL	Not a Family Member Reference Person Spouse Child Other Relative(Primary Family only)	0 1 2 3 4

10-15

143

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
69	1 -4	PADDING			
	5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	MARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	SPOUSE'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	PADDING			
71	1	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	2	GRADE COMPLETED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	PADDING			
	5	Total Weekly Family Earnings (for members 16+)	MIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	thru 2				
12	1				

10-16

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CP5-1 DOCUMENT RECORD LAYOUT (Effective 07/85)

ATTACHMENT D (Armed Forces)

DATE 070105

PAGE 18

NORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
72	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
	5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with MD 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 4 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,8	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not In Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8 9

10-17

145

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
73	6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed	0 0 1-8 9
74	1	HOUSEHOLD TYPE	ALL	Husband/Wife Primary Family - (Neither Husband or Wife in Armed Forces) Husband/Wife Primary Family - (Husband and/or Wife in Armed Forces) Unmarried Civilian Male Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Male Primary Individual Civilian Female Primary Individual Primary Individual Household - Reference Person in Armed Forces Group Quarters	1 2 3 4 5 6 7 8 9
	2	NUMBER OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 8+ Children	0 1 2 3 4 5 6 7 8 9
	3	PRESENCE OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children < 18 Years Old All Children 14-17 Years Old All Children 6-13 Years Old All Children 0-5 Years Old Children 14-17 and 6-13 (No Children 0-5) Children 14-17 and 0-5 (No Children 6-13) Children 6-13 and 0-5 (No Children 14-17) Children from all Age Groups	0 1 2 3 4 5 6 7 8
	4	PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

## ATTACHMENT D (Armed Forces)

DATE 070185

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
74	5	Number of Earners in Primary Family 16+	All	Not in Primary Family No earners 1-8 earners 9+ earners	0 0 1-8 9
	6	Number of Unemployed in Primary Family 16+	All	Not in Primary Family No unemployed 1-8 unemployed 9+ unemployed	0 0 1-8 9
75 and 76	1-6 1-6	FAMILY WEIGHT	ALL	Two Implied Decimal Places, Right Justified, Space Filled (01)	
77	1-2	HOUSEHOLD SIZE	ALL	Number of Persons in Household	01-39
	3-4	NUMBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Families	00-39
	5-6	PADDING			
78 and 79	1-6 1-6	FAMILY EARNINGS WEIGHT	MIS=4,8	Two Implied Decimal Places, Right Justified, Space Filled (01)	
80	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS (16+)	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	MIS=4,8	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 2 3 4 5
	3-6	TOTAL WEEKLY FAMILY EARNINGS	MIS=4,8	Not in Primary Family Usual Weekly Family Earnings	Blank 0000-9999

\*\*\*\*\* END OF ATTACHMENT D \*\*\*\*\*

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## Attachment 11

## CURRENT POPULATION SURVEY

JANUARY 1987 OCCUPATIONAL MOBILITY  
AND JOB TENURE SUPPLEMENT RECORD LAYOUT

Page 1

Word	Char.	Item	Characteristic	Universe	Description	Values	Unweighted Tallies
01	1	—	Supplement interview status	Adults 14+	Supplement interview Supplement non-interview	1 2	112,350 4,154
01	2	32	Interviewer Check Item	Adults 14+	Currently working or with a job Not currently wkg. or with a job	1 2	67,510 48,994
11-1	81	3	32A Working a year ago	I32 = 2	Yes No Supp. non-interview & 32 = 2 32 = 1	1 2 8 9	5,881 41,801 1,312 67,510
	81	4	32B On layoff/looking for work a year ago	I32A = 2	Yes No Supp. non-interview & 32 = 2 32 = 1 or 32A = 1	1 2 8 9	2,022 39,779 1,312 73,391
	81	5-6	33 Length of time doing current kind of work	I32 = 1	Number of years Supp. non-interview & 32 = 1 32 = 2	00-79 98 99	64,668 2,842 48,994
	82	1-2	34Y Length of time (years) working continuously for present employer	I32 = 1	Number of years Supp. non-interview & 32 = 1 32 = 2 or good entry in 34M	01-79 98 99	51,196 2,842 62,466
148	82	3-4	34M Length of time (months) working continuously for present employer	I32 = 1	Number of months Supp. non-interview & 32 = 1 32 = 2 or good intry in 34Y	01-12 98 99	13,472 2,842 100,190

January 1987 Occupational Mobility and Job Tenure Supplement  
Record Layout (Continued)

Page 2

Word	Char.	Item	Characteristic	Universe	Description	Values	Unweighted Tallies
82	5	35	Working a year ago	I34M = good entry	Yes No Supp. non-interview & 32 = 1 32 = 2 or good entry in 34Y	1 2 8 9	8,010 5,462 2,842 100,190
82	6	36	On layoff/looking for work a year ago	I35 = 2	Yes No Supp. non-interview & 32 = 1 32 = 2 or good entry in 34Y or 35 = 1	1 2 8 9	1,783 3,679 2,842 108,200
83	1	37	Doing the same kind of work a year ago	I34Y = good entry or I35 = 1	Yes No Supp. non-interview & 32 = 1 32 = 2 or 35 = 2	1 2 8 9	53,313 5,893 2,842 54,456
83	2	38E	Class-of-worker a year ago	I37 = 2	Private Federal State Local Self-empl., incorporated Self-empl., not incorporated Without pay Supp. non-interview and 32 = 1 32 = 2 or 35 = 2 or 37 = 1	1 2 3 4 5 6 7 8 9	4,929 186 197 283 52 234 12 2,842 107,769
83	3-5	38A-B	Industry a year ago	I37 = 2	* See attached list of legal industry codes Supp. non-interview and 32 = 1 32 = 2 or 35 = 2 or 37 = 1	 998 999	 5,893 2,842 107,769

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January 1987 Occupational Mobility and Job Tenure Supplement  
Record Layout (Continued)

Page 3

Word	Char.	Item	Characteristic	Universe	Description	Values	Unweighted Tallies
83	6		BLANK				
84	1-3	38C-D	Occupation a year ago	I37 = 2	* See attached list of legal occupation codes		5,893
					Supp. non-interview and 32 = 1	998	2,842
					32 = 2 or 35 = 2 or 37 = 1	999	107,769
84	4-5	39	Length of time doing kind of work done last year	I37 = 2	Number of years	00-79	5,893
					Supp. non-interview and 32 = 1	98	2,842
					32 = 2 or 35 = 2 or 37 = 1	99	107,769
84	6	40	Reason for doing a different kind of work than a year ago	I37 = 2	Lost or laid off	1	743
					Better pay/advancement	2	2,457
					Better working conditions	3	647
					Part-time to full-time	4	144
					Full-time to part-time	5	91
					Moved residence	6	386
					Other reason	7	1,425
					Supp. non-interview and 32 = 1	8	2,842
					32 = 2 or 35 = 2 or 37 = 1	9	107,769
85	1	41	Reason lost job had a year ago	I40 = 1	Plant/company closed or moved	1	179
					Slack work	2	261
					Position/shift abolished	3	108
					Seasonal job completed	4	21
					Self-operated business failed	5	17
					Other reasons	6	157
					Supp. non-interview and 32 = 1	8	2,842
					32=2 or 35=2 or 37=1 or 40=2-7	9	112,919

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## January 1987 Occupational Mobility and Job Tenure Supplement

## Record Layout (Continued)

Page 4

Word	Char.	Item	Characteristic	Universe	Description	Values	Unweighted Tallies
85	2	42	When started working again	I40 = 1	Right away/within a week	1	172
					In 2 to 4 weeks	2	170
					In 5 to 10 weeks	3	131
					In 11 to 14 weeks	4	86
					In 15 to 26 weeks	5	107
					In 27 weeks or more	6	77
					Supp. non-interview and 32 = 1	8	2,842
					32=2 or 35=2 or 37=1 or 40=2-7	9	112,919
85	3	43	Completed education or training program since Jan. 1986	I37 = 2	Yes	1	1,132
					No	2	4,761
					Supp. non-interview and 32 = 1	8	2,842
					32 = 2 or 35 = 2 or 37 = 1	9	107,769
85	4	43 what kind	Kind of education/ training program completed	I43 = 1	High school	1	122
					College	2	222
					Vocational school	3	104
					Employer training	4	514
					Other program	5	170
					Supp. non-interview and 32 = 1	8	2,842
					32=2 or 35=2 or 37=1 or 43=2	9	112,530
85	5	44	Pay in current job	I37 = 2	Higher	1	3,083
					Lower	2	1,571
					About the same	3	1,239
					Supp. non-interview and 32 = 1	8	2,842
					32 = 2 or 35 = 2 or 37 = 1	9	107,769
85	6		BLANK				
86 151 87	1-6 and 1-6		Supplement weight (adjustment for supplement non-interviews)	Supplement interviews	Two implied decimal places (right justified, space fill)		112,350

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January 1987 Occupational Mobility and Job Tenure Supplement

Record Layout (continued)

Page 5

GENERAL COMMENTS:

1. All supplement items for persons not eligible for the supplement (Armed Forces and children) were filled with spaces (n = 46,371).
2. Anyone who was eligible for the supplement but did not respond to any of the supplement items for which he/she was eligible (after item 32) was designated a supplement non-interview (status = 2). Item 32 was filled for all these persons based on their labor force information. The supplement items for which that non-interview was eligible (either 32A-B or 33-44) were filled with 8, 98, or 998 for 1, 2, and 3 digit codes, respectively.
3. Anyone who was not in universe for a certain item (including a supplement non-interview who would not have been eligible for that item) was assigned an entry of 9, 99, or 999 for 1, 2, and 3 digit codes, respectively.

## LEGAL CODES FOR INDUSTRY

010-011	290-292	580-582	812
020-021	300-301	590-592	820-822
030-031	310-312	600-602	830-832
	320-322	610-612	840-842
040-042	331-332	620-622	850-852
050	340-342	630-632	860-862
	350-352	640-642	870-872
060	360-362	650-652	880-882
	370-372	660-662	890-892
100-102	380-382	670-672	
110-112	390-392	681-682	900-901
120-122		691	910
130	400-402		921-922
132	410-412	700-702	930-932
140-142	420-422	710-712	
150-152	432		
160-162	440-442	721-722	
171-172	460-462	730-732	
180-182	470-472	740-742	991 (military)
190-192		750-752	
200-201	500-502	760	
210-212	510-512		
220-222	521-522	761-762	
230-232	530-532	770-772	
241-242	540-542	780-782	
250-252	550-552	790-791	
261-262	560-562		
270-272	571	800-802	
280-282			

LEGAL CODES FOR OCCUPATION

003-009	203-208	403-407	579	777
013-019	213-218	413-418	583-585	779
023-029	223-229	423-427	587-589	783-787
033-037	233-235	433-439	593-599	789
043-049	243	443-449	613-617	793-799
053-059	253-259	453-459	633-637	803-806
063-069	263-269	463-469	639	808-809
073-079	274-278		643-647	813-814
083-089	283-285	473-477	649	823-826
095-099	303-309	479	653-659	828-829
103-106	313-319	483-489	666-669	833-834
113-119	323	494-499	673-679	843-845
123-129	325-329		683-684	848-849
133-139	335-339	503	686-689	853
143-149	343-349	505-509	693-696	855-856
153-159	353-357	514-519	699	859
163-169	359	523		863-867
173-179	363-366	525-527	703-709	869
183-189	368-369	529	713-715	873
193-195	373-379	533-536	717	875-878
197-199	383-387	538-539	719	883
	389	543-544	723-729	885
		547	733-739	887-889
		549	743-745	
		553-558	747-749	
		563-567	753-759	
		569	763-766	905 (military)
		573	768-769	
		575-577	773-774	

## INDUSTRY CLASSIFICATION CODES

(Numbers in parentheses are the 1972 SIC code equivalents; see Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement. "Pt" means part; "n.e.c." means not elsewhere classified.)

<u>Code</u>	<u>Industry</u>
0-9	not used
10-31	AGRICULTURE, FORESTRY, AND FISHERIES
10	Agricultural production, crops (01)
11	Agricultural production, livestock (02)
12-19	not used
20	Agricultural services, except horticultural (07, except 078)
21	Horticultural services (078)
22-29	not used
30	Forestry (08)
31	Fishing, hunting, and trapping (09)
32-39	not used
40-50	MINING
40	Metal mining (10)
41	Coal mining (11, 12)
42	Crude petroleum and natural gas extraction (13)
43-49	not used
50	Nonmetallic mining and quarrying, except fuel (14)
51-59	not used
60	CONSTRUCTION (15, 16, 17)
61-99	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 and preserved fruits and vegetables (203)
103-109	not used
110	Grain mill products (204)
111	Bakery products (205)
112	Sugar and confectionery products (206)
113-119	not used
120	Beverage industries (208)
121	Miscellaneous food preparations and kindred products (207, 209)
122	Not specified food industries
123-129	not used
130	Tobacco manufactures (21)
131	not used
132-150	Textile mill products
132	Knitting mills (225)
133-139	not used
140	Dyeing and finishing textiles, except wool and knit goods (226)

<u>Code</u>	<u>Industry</u>
141	Floor coverings, except hard surface (227)
142	Yarn, thread, and fabric mills (228, 221-224)
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, 266)
161	Miscellaneous paper and pulp products (264)
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 (302-304, 306)
212	Miscellaneous plastics products (307)
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
230-391	Durable Goods
230-241	Lumber and wood products, except furniture
230	Logging (241)
231	Sawmills, planing mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
233-240	not used
241	Miscellaneous wood products (244, 249)
242	Furniture and fixtures (25)
243-249	not used

<u>Code</u>	<u>Industry</u>
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, 3361)
273-279	not used
280	Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281	Cutlery, handtools, and other hardware (342)
282	Fabricated structural metal products (344)
283-289	not used
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordinance (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, except electrical
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 (357, except 3573)
322	Electronic computing equipment (3573)
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, T.V., 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

<u>Code</u>	<u>Industry</u>
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)
371-382	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
373-379	not used
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment
383-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries <u>1/</u>
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 (483)
441	Telephone (wire and radio ) (481)
442	Telegraph and miscellaneous communication services (482, 489)
443-459	not used
460-472	Utilities and sanitary services
460	Electric light and power (491)
461	Gas and steam supply systems (492, 496)
462	Electric and gas, and other combinations (493)
463-469	not used

1/ When shown separately, "Not specified manufacturing" is at the same level as "Nondurable goods" and "Durable goods." When not shown, it is tallied with "Durable goods."

<u>Code</u>	<u>Industry</u>
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	Sporting goods, toys, and hobby goods (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
513-520	not used
521	Hardware, plumbing and heating supplies (507)
522	Not specified electrical and hardware products
523-529	not used
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (5094, 5099)
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 products - raw materials (515)
552	Petroleum products (517)
553-559	not used
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5194, 5198, 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)

<u>Code</u>	<u>Industry</u>
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)
623-629	not used
630	Apparel and accessory stores, except shoe (56, except 566)
631	Shoe stores (566)
632	Furniture and home furnishings stores (571)
633-639	not used
640	Household appliances, TV, and radio stores (572, 573)
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	Sewing, needlework, and piece goods stores (5949)
662	Mail order houses (5961)
663-669	not used
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel and ice dealers (598)
673-680	not used
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 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)
701	Savings and loan associations (612)
702	Credit agencies, n.e.c. (61, except 612)
703-709	not used
710	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate, including real estate-insurance-law offices (65, 66)
713-720	not used
721-760	<b>BUSINESS AND REPAIR SERVICES</b>
721	Advertising (731)
722	Services to dwellings and other buildings (734)
723-729	not used
730	Commercial research, development, and testing labs (7391, 7397)
731	Personnel supply services (736)
732	Business management and consulting services (7392)
733-739	not used

<u>Code</u>	<u>Industry</u>
740	Computer and data processing services (737)
741	Detective and protective services (7393)
742	Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
743-749	not used
750	Automotive services, except repair (751, 752, 754)
751	Automotive repair shops (753)
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	Private households (88)
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)
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 729)
791	Miscellaneous personal services (722, part 729)
792-799	not used
800-802	<b>ENTERTAINMENT AND RECREATION SERVICES</b>
800	Theaters and motion pictures (78, 792)
801	Bowling alleys, billiard and pool parlors (793)
802	Miscellaneous entertainment and recreation services (791, 794, 799)
803-811	not used
812-892	<b>PROFESSIONAL AND RELATED SERVICES</b>
812	Offices of physicians (801, 803)
813-819	not used
820	Offices of dentists (802)
821	Offices of chiropractors (8041)
822	Offices of optometrists (8042)
823-829	not used
830	Offices of health practitioners, n.e.c. (8049)
831	Hospitals (806)
832	Nursing and personal care facilities (805)
833-839	not used
840	Health services, n.e.c. (807, 808, 809)
841	Legal services (81)
842	Elementary and secondary schools (821)
843-849	not used
850	Colleges and universities (822)
851	Business, trade, and vocational schools (824)
852	Libraries (823)
853-859	not used
860	Educational services, n.e.c. (829)

<u>Code</u>	<u>Industry</u>
861	Job training and vocational rehabilitation services (833)
862	Child day care services (835)
863-869	not used
870	Residential care facilities, without nursing (836)
871	Social services, n.e.c. (832, 839)
872	Museums, art galleries, and zoos (84)
873-879	not used
880	Religious organizations (866)
881	Membership organizations (861-865, 869)
882	Engineering, architectural, and surveying services (891)
883-889	not used
890	Accounting, auditing, and bookkeeping services (893)
891	Noncommercial educational and scientific research (892)
892	Miscellaneous professional and related services (899)
893-889	not used
900-932	PUBLIC ADMINISTRATION
900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
902-909	not used
910	Justice, public order, and safety (92)
911-920	not used
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)
923-929	not used
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)
932	National security and international affairs (97)
933-990	not used
991	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces.

ATTACHMENT 13

OCCUPATIONAL CLASSIFICATION CODES FOR DETAILED OCCUPATIONAL CATEGORIES

(Numbers in parentheses are the 1980 SOC code equivalent; see U.S. Department of Commerce, Office of Federal Statistical Policy and Standards, Standard Occupational Classification Manual, 1980. "Pt" means part; "n.e.c." means not elsewhere classified)

<u>Code</u>	<u>Occupation</u>
0-2	not used
3-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
3-37	Executive, Administrative, and Managerial Occupations
3	Legislators (111)
4	Chief executives and general administrators, public administration (112)
5	Administrators and officials, public administration (1132-1139)
6	Administrators, protective services (1131)
7	Financial managers (122)
8	Personnel and labor relations managers (123)
9	Purchasing managers (124)
10-12	not used
13	Managers, marketing, advertising, and public relations (125)
14	Administrators, education and related fields (128)
15	Managers, medicine and health (131)
16	Managers, properties and real estate (1353)
17	Postmasters and mail superintendents (1344)
18	Funeral directors (pt 1359)
19	Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359)
20-22	not used
23-37	Management Related Occupations
23	Accountants and auditors (1412)
24	Underwriters (1414)
25	Other financial officers (1415, 1419)
26	Management analysts (142)
27	Personnel, training, and labor relations specialists (143)
28	Purchasing agents and buyers, farm products (1443)
29	Buyers, wholesale and retail trade except farm products (1442)
30-32	not used
33	Purchasing agents and buyers, n.e.c. (1449)
34	Business and promotion agents (145)
35	Construction inspectors (1472)
36	Inspectors and compliance officers, exc. construction (1473)
37	Management related occupations, n.e.c. (149)
38-42	not used

<u>Code</u>	<u>Occupation</u>
43-199	Professional Specialty Occupations
43-63	Engineers, Architects, and Surveyors
43	Architects (161)
44-59	Engineers
44	Aerospace (1622)
45	Metallurgical and materials (1623)
46	Mining (1624)
47	Petroleum (1625)
48	Chemical (1626)
49	Nuclear (1627)
50-52	not used
53	Civil (1628)
54	Agricultural (1632)
55	Electrical and electronic (1633, 1636)
56	Industrial (1634)
57	Mechanical (1635)
58	Marine and naval architects (1637)
59	Engineers, n.e.c. (1639)
60-62	not used
63	Surveyors and mapping scientists (164)
64-68	Mathematical and Computer Scientists
64	Computer systems analysts and scientists (171)
65	Operations and systems researchers and analysts (172)
66	Actuaries (1732)
67	Statisticians (1733)
68	Mathematical scientists, n.e.c. (1739)
69-83	Natural Scientists
69	Physicists and astronomers (1842, 1843)
70-72	not used
73	Chemists, except biochemists (1845)
74	Atmospheric and space scientists (1846)
75	Geologists and geodeists (1847)
76	Physical scientists, n.e.c. (1849)
77	Agricultural and food scientists (1853)
78	Biological and life scientists (1854)
79	Forestry and conservation scientists (1852)
80-82	not used
83	Medical scientists (1855)
84-89	Health Diagnosing Occupations
84	Physicians (261)
85	Dentists (262)
86	Veterinarians (27)
87	Optometrists (281)
88	Podiatrists (283)
89	Health diagnosing practitioners, n.e.c. (289)
90-94	not used
95-106	Health Assessment and Treating Occupations
95	Registered nurses (29)
96	Pharmacists (301)
97	Dietitians (302)
98-105	Therapists
98	Inhalation therapists (3031)
99	Occupational therapists (3032)

<u>Code</u>	<u>Occupation</u>
100-102	not used
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)
107-112	not used
113-154	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
120-122	not used
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
130-132	not used
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
140-142	not used
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
150-152	not used
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-159	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
160-162	not used

<u>Code</u>	<u>Occupation</u>
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)
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 print-makers (325)
189	Photographers (326)
190-192	not used
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
196	not used
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)
200-202	not used
203-389	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-235	Technicians and Related Support Occupations
203-208	Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health Technologists and technicians, n.e.c. (369)

<u>Code</u>	<u>Occupation</u>
209-212	not used
213-235	Technologists and Technicians, Except Health
213-218	Engineering and Related Technologists and Technicians
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)
219-222	not used
223-225	Science Technicians
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)
226-235	Technicians; Except Health, Engineering, and Science
226	Airplane pilots and navigators (825)
227	Air traffic controllers (392)
228	Broadcast equipment operators (393)
229	Computer programmers (3971, 3972)
230-232	not used
233	Tool programmers, numerical control (3974)
234	Legal assistants (396)
235	Technicians, n.e.c. (399)
236-242	not used
243-285	Sales Occupations
243	Supervisors and proprietors, sales occupations (40)
244-252	not used
253-257	Sales Representatives, Finance and Business Services
253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)
258-259	Sales Representatives, Commodities Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	not used
263-278	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
270-273	not used
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)

<u>Code</u>	<u>Occupation</u>
275	Sales counter clerks (4363)
276	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
279-282	not used
283-285	Sales Related Occupations
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
286-302	not used
303-389	Administrative Support Occupations, Including Clerical
303-307	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
308-309	Computer Equipment Operators
308	Computer operators (4612)
309	Peripheral equipment operators (4613)
310-312	not used
313-315	Secretaries, Stenographers and Typists
313	Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
316-323	Information Clerks
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
320-322	not used
323	Information clerks, n.e.c. (4649)
324	not used
325-336	Records Processing Occupations, Except Financial
325	Classified-ad clerks (4662)
326	Correspondence clerks (4663)
327	Order clerks (4664)
328	Personnel clerks, except payroll and timekeeping (4692)
329	Library clerks (4694)
330-334	not used
335	File clerks (4696)
336	Records clerks (4699)
337-344	Financial Records Processing Occupations
337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
340-342	not used

<u>Code</u>	<u>Occupation</u>
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)
349	Telegraphers (4733)
350-352	not used
353	Communications equipment operators, n.e.c. (4739)
354-357	Mail and Message Distributing Occupations
354	Postal clerks, exc. mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, exc. postal service (4744)
357	Messengers (4745)
358	not used
359-374	Material Recording, Scheduling, and Distributing Clerks, n.e.c.
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, and checkers (4756)
369	Samplers (4757)
370-372	not used
373	Expeditors (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used

<u>Code</u>	<u>Occupation</u>
403-469	SERVICE OCCUPATIONS
403-407	Private Household Occupations
403	Launderers and ironers (503)
404	Cooks, private household (504)
405	Housekeepers and butlers (505)
406	Child care workers, private household (506)
407	Private household cleaners and servants (502, 507, 509)
408-412	not used
413-427	Protective Service Occupations
413-415	Supervisors, Protective Service Occupations
413	Supervisors, firefighting and fire prevention occupations (5111)
414	Supervisors, police and detectives (5112)
415	Supervisors, guards (5113)
416-417	Firefighting and Fire Prevention Occupations
416	Fire inspection and fire prevention occupations (5122)
417	Firefighting occupations (5123)
418-424	Police and Detectives
418	Police and detectives, public service (5132)
419-422	not used
423	Sheriffs, bailiffs, and other law enforcement officers (5134)
424	Correctional institution officers (5133)
425-427	Guards
425	Crossing guards (5142)
426	Guards and police, exc. public service (5144)
427	Protective service occupations, n.e.c. (5149)
428-432	not used
433-469	Service Occupations, Except Protective and Household
433-444	Food Preparation and Service Occupations
433	Supervisors, food preparation and service occupations (5211)
434	Bartenders (5212)
435	Waiters and waitresses (5213)
436	Cooks, except short order (5214)
437	Short-order cooks (5215)
438	Food counter, fountain and related occupations (5216)
439	Kitchen workers, food preparation (5217)
440-442	not used
443	Waiters'/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)
445-447	Health Service Occupations
445	Dental assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
448-453	Cleaning and Building Service Occupations, except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
450-452	not used
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)

<u>Code</u>	<u>Occupation</u>
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)
460-462	not used
463	Guides (5255)
464	Ushers (5256)
465	Public transportation attendants (5257)
466	Baggage porters and bellhops (5262)
467	Welfare service aides (5263)
468	Child care workers, except private household (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 (pt 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used

<u>Code</u>	<u>Occupation</u>
503-699	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-549	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 (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine mechanics (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, exc. 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 (6134)
556	Supervisors; painters, paperhangers, and plasterers (6315)

<u>Code</u>	<u>Occupation</u>
557	Supervisors; plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, n.e.c. (6311, 6318)
559-562	not used
563-599	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (6414, pt 6462)
566	Carpet installers (pt 6462)
567	Carpenters (pt 6422)
568	not used
569	Carpenter apprentices (pt 6422)
570-572	not used
573	Drywall installers (6424)
574	not used
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
580-582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (pt 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)
618-632	not used
633-699	Precision Production Occupations
633	Supervisors, production occupations (67, 71)
634-655	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)

<u>Code</u>	<u>Occupation</u>
638	not used
639	Machinist apprentices (pt 6813)
640-642	not used
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Pattermakers 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 (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
656	Pattermakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used
666-674	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)
667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-672	not used
673	Apparel and fabric pattermakers (6856)
674	Miscellaneous precision apparel and fabric workers (6859, pt 7752)
675-684	Precision Workers, Assorted Materials
675	Hand molders and shapers, except jewelers (6861)
676	Pattermakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, pt 7477, pt 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 (pt 693)
696	Stationary engineers (pt 693, 7668)
697-698	not used
699	Miscellaneous plant and system operators (692, 694, 695, 696)
700-702	not used


<u>Code</u>	<u>Occupation</u>
703-889	OPERATORS, FABRICATORS, AND LABORERS
703-799	Machine Operators, Assemblers, and Inspectors
703-779	Machine Operators and Tenders, except Precision
703-715	Metalworking and Plastic Working Machine Operators
703	Lathe and turning machine set-up operators (7312)
704	Lathe and turning machine operators (7512)
705	Milling and planing machine operators (7313, 7513)
706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	Rolling machine operators (7316, 7516)
708	Drilling and boring machine operators (7318, 7518)
709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
710-712	not used
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
716	not used
717	Fabricating machine operators, n.e.c. (7339, 7539)
718	not used
719-725	Metal and Plastic Processing Machine Operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
720-722	not used
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)
726-733	Woodworking Machine Operators
726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nail 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 machine 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)

<u>Code</u>	<u>Occupation</u>
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, exc. food (7675)
767	not used
768	Crushing and grinding machine operators (pt 7477, pt 7677)
769	Slicing and cutting machine operators (7478, 7678)
770-772	not used
773	Motion picture projectionists (pt 7479)
774	Photographic process machine operators (6863, 6868, 7671)
775-776	not used
777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
778	not used
779	Machine operators, not specified
780-782	not used
783-795	Fabricators, Assemblers, and Hand Working Occupations
783	Welders and cutters (7332, 7532, 7714)
784	Solderers and brazers (7333, 7533, 7717)
785	Assemblers (772, 774)
786	Hand cutting and trimming occupations (7753)
787	Hand molding, casting, and forming occupations (7754, 7755)
788	not used
789	Hand painting, coating, and decorating occupations (7756)
790-792	not used
793	Hand engraving and printing occupations (7757)
794	Hand grinding and polishing occupations (7758)
795	Miscellaneous hand working occupations (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, exc. 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, heavy (8212, 8213)
805	Truck drivers, light (8214)

<u>Code</u>	<u>Occupation</u>
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 (pt 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)
860-862	not used
863-889	Handlers, Equipment Cleaners, Helpers, and Laborers
863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
864	Helpers, mechanics and repairers (863)
865-867	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
868	not used
869	Construction laborers (871)
870-872	not used
873	Production helpers (861, 862)
874	not used

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 occupation (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 labor force status is unemployed and whose last job was Armed Forces.

## QUESTIONNAIRE FACSIMILE

<b>INTERVIEWER CHECK ITEM</b> Only CPS-1 for household ..... <input type="checkbox"/> First CPS-1 of continuation h'hold ..... <input type="checkbox"/> Second CPS-1 of continuation h'hold ..... <input type="checkbox"/> Third, fourth, and 5th CPS-1 ..... <input type="checkbox"/>	<b>FORM CPS-1</b> <div style="text-align: center;">   <b>U.S. DEPARTMENT OF COMMERCE</b>          Bureau of the Census  <b>CURRENT POPULATION SURVEY</b> </div> Form Approved - O.M.B. No. 0607-0049 <span style="float: right;">Formic 26.1:1</span>	<b>CONTROL NUMBER</b> <div style="border-left: 1px dashed black; border-right: 1px dashed black; height: 100px; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 50px;">SERIAL</div> <div style="position: absolute; bottom: 0; right: 0; width: 50px;">SEGMENT</div> <div style="position: absolute; top: 0; left: 0; width: 50px;">PSU</div> </div>
<b>LINE NO. OF H'OLD RESP.</b> _____ <b>NON H'OLD RESPONDENT</b> ..... <input type="checkbox"/> <i>(Specify and Send Intercomm for interviewed household)</i> <hr/> <b>INTERVIEW</b> ANY ENTRY OTHER THAN <i>NEVER WORKED IN ITEMS</i> 23A-E in the CPS-1 ..... <input type="checkbox"/> <b>Yes</b> ..... <input type="checkbox"/> <b>No</b> <b>NONINTERVIEW</b> TYPE A ..... <input type="checkbox"/> TYPE B ..... <input type="checkbox"/> TYPE C ..... <input type="checkbox"/> <i>(SEND INTER COMM FOR TYPE A AND C)</i>	<div style="font-size: 4em; line-height: 1;">CURRENT</div> <div style="font-size: 4em; line-height: 1;">POPULATION</div> <div style="font-size: 4em; line-height: 1;">SURVEY</div>	

<b>TELEPHONE HOLD</b> <i>(Mark this box for office "telephone hold" cases only)</i> <div style="border: 1px solid black; width: 80px; height: 40px; margin: 10px auto;"></div>
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JANUARY 19

P.

**CHILDREN'S (0-13 years old) TRANSCRIPTION ITEMS**  
(If more than 4 children in household, use continuation CPS-1 document.)

FIRST CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male <input type="radio"/> Female <input type="radio"/>	18K. ORIGIN
1	Own Child.....	1	1	1	1
2	Brother/Sister.....	2	2	2	2
3	Other relative of Reference Person.....	3	3	3	3
4	Non-rel. of Reference Person—WITH OWN RELS. in household.....	4	4	4	4
5	Non-rel. of Reference Person—NO OWN rels. in household.....	5	5	5	5
6		None			

SECOND CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male <input type="radio"/> Female <input type="radio"/>	18K. ORIGIN
1	Own Child.....	1	1	1	1
2	Brother/Sister.....	2	2	2	2
3	Other relative of Reference Person.....	3	3	3	3
4	Non-rel. of Reference Person—WITH OWN RELS. in household.....	4	4	4	4
5	Non-rel. of Reference Person—NO OWN rels. in household.....	5	5	5	5
6		None			

THIRD CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male <input type="radio"/> Female <input type="radio"/>	18K. ORIGIN
1	Own Child.....	1	1	1	1
2	Brother/Sister.....	2	2	2	2
3	Other relative of Reference Person.....	3	3	3	3
4	Non-rel. of Reference Person—WITH OWN RELS. in household.....	4	4	4	4
5	Non-rel. of Reference Person—NO OWN rels. in household.....	5	5	5	5
6		None			

FOURTH CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male <input type="radio"/> Female <input type="radio"/>	18K. ORIGIN
1	Own Child.....	1	1	1	1
2	Brother/Sister.....	2	2	2	2
3	Other relative of Reference Person.....	3	3	3	3
4	Non-rel. of Reference Person—WITH OWN RELS. in household.....	4	4	4	4
5	Non-rel. of Reference Person—NO OWN rels. in household.....	5	5	5	5
6		None			

**ARMED FORCES MEMBERS TRANSCRIPTION ITEMS**  
(Fill only in interview households for persons with "AF" in CC item 22  
If more than 2 AF persons in household, use continuation CPS-1 document.)

FIRST ARMED FORCES MEMBER					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON Reference Person WITH other relatives in household.....	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS	
1	Reference Person with NO other relatives in household.....	1	1	Married—civilian spouse present.....	
2	Husband.....	2	2	Married— Armed Forces spouse present.....	
3	Wife.....	3	3	Married— spouse absent (Exclude separated).....	
4	Own child.....	4	4	Widowed.....	
5	Parent.....	5	5	Divorced.....	
6	Brother/Sister.....	6	6	Separated.....	
7	Other rel. of Ref. Person.....	7	7	Never married.....	
8	Non-rel. of Ref. Person WITH OWN relatives in household.....	8	8		
9	Non-rel. of Ref. Person with NO OWN relatives in household.....	9	9		

18F. SPOUSE'S LINE NO.	18G1. SEX Male <input type="radio"/> Female <input type="radio"/>	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
1	Male	1	1	1	1
2	Female	2	2	2	2
3		3	3	3	3
4		4	4	4	4
5		5	5	5	5
6		6	6	6	6
7		7	7	7	7
8		8	8	8	8
9		9	9	9	9
10		10	10	10	10
11		11	11	11	11
12		12	12	12	12
13		13	13	13	13
14		14	14	14	14
15		15	15	15	15
16		16	16	16	16
17		17	17	17	17
18		18	18	18	18
19		19	19	19	19
20		20	20	20	20
21		21	21	21	21
22		22	22	22	22
23		23	23	23	23
24		24	24	24	24
25		25	25	25	25
26		26	26	26	26
27		27	27	27	27
28		28	28	28	28
29		29	29	29	29
30		30	30	30	30
31		31	31	31	31
32		32	32	32	32
33		33	33	33	33
34		34	34	34	34
35		35	35	35	35
36		36	36	36	36
37		37	37	37	37
38		38	38	38	38
39		39	39	39	39
40		40	40	40	40
41		41	41	41	41
42		42	42	42	42
43		43	43	43	43
44		44	44	44	44
45		45	45	45	45
46		46	46	46	46
47		47	47	47	47
48		48	48	48	48
49		49	49	49	49
50		50	50	50	50
51		51	51	51	51
52		52	52	52	52
53		53	53	53	53
54		54	54	54	54
55		55	55	55	55
56		56	56	56	56
57		57	57	57	57
58		58	58	58	58
59		59	59	59	59
60		60	60	60	60
61		61	61	61	61
62		62	62	62	62
63		63	63	63	63
64		64	64	64	64
65		65	65	65	65
66		66	66	66	66
67		67	67	67	67
68		68	68	68	68
69		69	69	69	69
70		70	70	70	70
71		71	71	71	71
72		72	72	72	72
73		73	73	73	73
74		74	74	74	74
75		75	75	75	75
76		76	76	76	76
77		77	77	77	77
78		78	78	78	78
79		79	79	79	79
80		80	80	80	80
81		81	81	81	81
82		82	82	82	82
83		83	83	83	83
84		84	84	84	84
85		85	85	85	85
86		86	86	86	86
87		87	87	87	87
88		88	88	88	88
89		89	89	89	89
90		90	90	90	90
91		91	91	91	91
92		92	92	92	92
93		93	93	93	93
94		94	94	94	94
95		95	95	95	95
96		96	96	96	96
97		97	97	97	97
98		98	98	98	98
99		99	99	99	99
100		100	100	100	100

SECOND ARMED FORCES MEMBER					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON Reference Person WITH other relatives in household.....	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS	
1	Reference Person with NO other relatives in household.....	1	1	Married—civilian spouse present.....	
2	Husband.....	2	2	Married— Armed Forces spouse present.....	
3	Wife.....	3	3	Married— spouse absent (Exclude separated).....	
4	Own child.....	4	4	Widowed.....	
5	Parent.....	5	5	Divorced.....	
6	Brother/Sister.....	6	6	Separated.....	
7	Other rel. of Ref. Person.....	7	7	Never married.....	
8	Non-rel. of Ref. Person WITH OWN relatives in household.....	8	8		
9	Non-rel. of Ref. Person with NO OWN relatives in household.....	9	9		



## B. LINE NUMBER

B. What was ... doing most of LAST WEEK -

- Working ☒ Keeping house ☐ Going to school ☐ or something else? ☐
- Working (Skip to 20A) ... WK ☒ With a job but not at work ... J ☐ Looking for work ... LK ☐ Keeping house ... H ☐ Going to school ... S ☐ Unable to work (Skip to 24) ... U ☐ Retired ... R ☐ Other (Specify) ... OT ☐

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

- Yes ☐ What is the reason ... worked less than 35 hours LAST WEEK?
- No ☐ What is the reason ... USUALLY works less than 35 hours a week?

(Mark the appropriate reason)

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

Skip to 23 and enter job worked at last week

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

Yes ☐ No ☐ (Go to 21)

20A. How many hours did ... work LAST WEEK at all jobs?

1-34 ☐ (Go to 20C)

35-48 ☒ (Go to 20D)

20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?

Yes ☐ How many hours did ... take off?

(Correct 20A if last time not already deducted; if 20A reduced below 35, correct 20B and fill 20C)

No ☐ 7

20E. Did ... work any overtime or at more than one job LAST WEEK?

Yes ☐ How many extra hours did ... work?

(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)

No ☐ ☒ (Skip to 23)

INDUSTRY

OCCUPATION

OFFICE

USE

ONLY

Ref. ☐ Unc. ☐

21. (If J in 19, skip to 21A.)

Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK?

Yes ☐ No ☐ (Go to 22)

21A. Why was ... absent from work LAST WEEK?

Own illness ☐On vacation ☐Bad weather ☐Labor dispute ☐New job to begin within 30 days ☐ (Skip to 22B and 22C2)Temporary layoff (Under 30 days) ☐Indefinite layoff (30 days or more or no def. recall date) ☐ (Skip to 22C3)Other (Specify) ... ☐

21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK?

Yes ☐No ☐

21C. Does ... usually work 35 hours or more a week at this job?

Yes ☐No ☐

(Skip to 23 and enter job held last week)

22. (If LK in 19, skip to 22A.)

Has ... been looking for work during the past 4 weeks?

Yes ☐ No ☐ (Go to 24)

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 ☐with - pvt. employ. agency ☐employer directly ☐friends or relatives ☐Placed or answered ads ☐Nothing (Skip to 24) ☐Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) ☐

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 ☐Quit job ☐Left school ☐Wanted temporary work ☐Change in home or family responsibilities ☐Left military service ☐Other (Specify in notes) ☐

22C. 1) How many weeks has ... been looking for work?

1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐

22D. Has ... been looking for full-time or part-time work?

Full ☐ Part ☐

22E. Could ... have taken a job LAST WEEK if one had been offered?

Yes ☐ No ☐ Why not?Already has a job ☐Temporary illness ☐Going to school ☐Other (Specify in notes) ☐

22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more?

Within last 12 months (Specify) ☐(Month) ☐One to five years ago ☐More than 5 years ago ☐Never worked full-time 2 wks. or more ☐Never worked at all ☐

(SKIP to 23. If layoff entered in 21A, 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.")

24. INTERVIEWER CHECK ITEM

(Rotation number)

First digit of SEGMENT number is:

1, 2, 4, 5, 6 or 8 (Skip to 26)

3 or 7 (Go to 24A)

24A. When did ... last work for pay at a regular job or business, either full- or part-time?

Within past 12 months ☐1 up to 2 years ago ☐2 up to 3 years ago ☐ (Go to 24B)3 up to 4 years ago ☐4 up to 5 years ago ☐5 or more years ago ☐ (Skip to 24C)Never worked ☐

24B. Why did ... leave that job?

Personal, family (incl. pregnancy) or school ☐Health ☐Retirement or old age ☐Seasonal job completed ☐Slack work or business conditions ☐Temporary nonseasonal job completed ☐Unsatisfactory work arrangements (Hours, pay, etc.) ☐Other ☐

24C. Does ... want a regular job now, either full- or part-time?

Yes ☐ (Go to 24D)Maybe - it depends ☐ (Specify in notes)No ☐ (Skip to 24E)Don't know ☐

24D. What are the reasons ... is not looking for work? (Mark each reason mentioned)

Believes no work available in line of work or area ☐Couldn't find any work ☐Lacks nec. schooling, training, skills or experience ☐Employers think too young or too old ☐Other pers. handicap in finding job ☐Can't arrange child care ☐Family responsibilities ☐In school or other training ☐Ill health, physical disability ☐Other (Specify in notes) ☐Don't know ☐

24E. Does ... intend to look for work of any kind in the next 12 months?

Yes ☐It depends (Specify in notes) ☐No ☐Don't know ☐ (If entry in 24B, describe job in 23, otherwise, skip to 26)

25. INTERVIEWER CHECK ITEM

(Rotation number)

First digit of SEGMENT number is:

1, 2, 4, 5, 6 or 8 (Skip to 26)

3 or 7 (Go to 25A)

25A. How many hours per week does ... USUALLY work at this job?

1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐

25B. Is ... paid by the hour on this job?

Yes ☐ (Go to 25C)No ☐ (Skip to 25D)

25C. How much does ... earn per hour?

Dollars ☐Cents ☐

25D. On this job, is ... a member of a labor union or of an employee association similar to a union?

Yes ☐ (Skip to 26)No ☐ (Ask 25F)

25F. On this job, is ... covered by a union or employee association contract?

Yes ☐ (Go to 26)No ☐ (Skip to 26)

## DESCRIPTION OF JOB OR BUSINESS

A. For whom did ... work? (Name of company, business, organization or other employer.)

B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., farm.)

C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)

D. 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.)

23E. Was this person

An employee of a PRIVATE Co., bus. or individual for wages, salary or comm. ... P ☐A FEDERAL government employee ... F ☐ (Go to 23F)A STATE government employee ... S ☐A LOCAL government employee ... L ☐

Self-empl. in OWN bus., prof. practice, or farm

Is the business incorporated? Yes ☐ No ☐ (Skip to 26)Working WITHOUT PAY in fam. bus. or farm ... WP ☐NEVER WORKED ... NEV ☐

23F. INTERVIEWER CHECK ITEM

Entry (or NA) in item 20A ☐ (Go to 25 at top of page)Entry (or NA) in item 21B ☐All other cases ☐ (Skip to 26)

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON  Reference Person WITH other relatives in household <input type="checkbox"/> Reference Person with NO other relatives in household <input type="checkbox"/> Husband <input type="checkbox"/> Wife <input type="checkbox"/> Own child <input type="checkbox"/> Parent <input type="checkbox"/> Brother/Sister <input type="checkbox"/> Other rel. of Ref. Person <input type="checkbox"/> Non-rel. of Ref. Person WITH OWN relatives in household <input type="checkbox"/> Non-rel. of Ref. Person with NO OWN relatives in household <input type="checkbox"/>	18C. PARENTS LINE NUMBER	18D. AGE	18E. MARITAL STATUS  Married - civilian spouse present <input type="checkbox"/> Married - Armed Forces spouse present <input type="checkbox"/> Married - spouse absent (Exclude separated) <input type="checkbox"/> Widowed <input type="checkbox"/> Divorced <input type="checkbox"/> Separated <input type="checkbox"/> Never married <input type="checkbox"/>	18F. SPOUSE'S LINE NUMBER	18G1. SEX  Male <input type="checkbox"/> Female <input checked="" type="checkbox"/>  18G2. VETERAN STATUS  Veteran <input checked="" type="checkbox"/>  Vietnam Era <input type="checkbox"/> Korean War <input type="checkbox"/> World War II <input type="checkbox"/> World War I <input type="checkbox"/> Other Service <input type="checkbox"/> Nonveteran <input type="checkbox"/>	18H. HIGHEST GRADE ATTENDED E H C  1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 None <input type="checkbox"/>	18I. GRADE COMPLETED  Yes <input type="checkbox"/> No <input type="checkbox"/>	18J. RACE  1 White <input type="checkbox"/> 2 Black <input type="checkbox"/> 3 Amer. Indian, Aleut Eskimo <input type="checkbox"/> 4 Asian or Pacific Isl. <input type="checkbox"/> 5 Other <input type="checkbox"/>	18K. ORIGIN
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26. INTERVIEWER CHECK ITEM  
(Transcribe from control card item 18)  
This person is  
16-24 years of age ☐ (Ask 26A)  
All others ☐ (Go to Reminder below)

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 ☐ (Verify) No ☐ (Go to Reminder  
below)  
High School ... ☐ (Ask 26B)  
College or Univ. ☐

26B. Is ... enrolled in school as a full-time  
or part-time student?  
Full time ☐  
Part time ☒

REMINDER: BE SURE TO ASK THE LABOR FORCE  
QUESTIONS FOR ALL HOUSEHOLD MEMBERS  
14+ YRS. OLD BEFORE ASKING THE SUPPLEMENT  
QUESTIONS.

SUPPLEMENTAL QUESTIONS

LEAD-IN This month we are asking some additional  
questions about occupational mobility and length  
of employment at current job.

32. INTERVIEWER CHECK ITEM  
A. Entry (or N/A)  
in 20A or 21B ☐ (Skip to 33)  
B. All others ☐ (Ask 32A)

32A. Was ... working a year ago, in January  
1986?  
Yes ☐ (Go to next person)  
No ☐ (Ask 32B)

32B. Was ... on layoff or looking for work  
at that time?  
Yes ☐  
No ☐ (Go to next person)

33. Combining the current and any previous  
employers, how long has ... done the kind  
of work he/she is doing now?  
(Years)  
0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9

34. How long has ... been working continuously  
for his/her present employer  
for as self-employed?  
(FILL EITHER YEARS OR MONTHS, NOT BOTH)  
(Years) (Months,  
if less than one year)  
0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
(Skip to 37) (Ask 35)

35. Was ... working a year ago, in January 1986?  
Yes ☐ (Skip to 37)  
No ☐ (Ask 36)

36. Was ... on layoff or looking for work  
at that time?  
Yes ☐  
No ☐ (Go to next person)

37. You told me that ... is now working as  
(Read entry from 23c)  
Was ... doing the same kind of work  
a year ago, in January 1986?  
Yes ☐ (Go to next person)  
No ☐ (Ask 38)

38. DESCRIPTION OF JOB OR BUSINESS:

A. A year ago, in January 1986 for whom  
was ... working?

B. In what kind of business or industry  
was ... employed?

C. What kind of work was ... doing?

D. What were ...'s most important activities  
or duties?

E. Was the person  
A PRIVATE employee ..... P ☐  
A FEDERAL employee ..... F ☐  
A STATE employee ..... S ☐  
A LOCAL employee ..... L ☐  
Self-empl. in OWN bus.,  
prof. practice, or farm  
is the business  
incorporated? Yes ☐ No ☐ SE ☐ (Ask 39)  
Working WITHOUT PAY ..... WP ☐

39. Including all employers, how long had ... done  
the kind of work he/she was doing in January  
1986?  
(Years)  
0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9

40. What is the main reason ... is now doing  
a different kind of work than he/she was doing  
in January 1986?  
Lost or was laid off from job ☐ (Ask 41)  
Better pay or  
advancement opportunity ☐  
Better working conditions ☐  
Changed from part-time  
to full-time work ☐ (Skip to 43)  
Changed from full-time  
to part-time work ☐  
Moved to different residence ☐  
Other reason ☐

41. What is the main reason ... lost the job he/she  
had in January 1986?  
Plant or company closed down or moved ☐  
Slack work ☐  
Position or shift abolished ☐  
Seasonal job completed ☐  
Self-operated business failed ☐  
Other reasons (includes "fired") ☐

42. After losing the job held in January 1986,  
when did ... start working again?  
Right away/within a week ☐  
In 2 to 4 weeks ☐  
In 5 to 10 weeks ☐ (Ask 43)  
In 11 to 14 weeks ☐  
In 15 to 26 weeks ☐  
After 27 weeks or more ☐

OFFICE USE ONLY	INDUSTRY  0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9	OCCUPATION  0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9
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43. Has ... completed an education or training  
program since January 1986?  
Yes ☒ No ☐ (Ask 44)  
What kind?  
High school ☐  
College (AA, BA, BS, MA, PhD) ☐  
Vocational school program ☐  
Employer training program ☐  
Other program ☐

44. How does the usual weekly pay in ...'s  
current job compare with the usual weekly  
pay in the job he/she held in January 1986?  
Pay in current job is ☐  
Higher ☐  
Lower ☐  
About the same ☐

## UNWEIGHTED AND WEIGHTED COUNTS FOR BASIC VARIABLES

TOTAL INTERVIEWS (CIVILIAN ONLY)	UNWEIGHTED	WEIGHTED (1000'S)
WHITE		
MALE		
<14	13134	20173
14+	47909	77770
FEMALE		
<14	12545	19150
14+	53070	84238
BLACK		
MALE		
<14	2280	3788
14+	4954	9606
FEMALE		
<14	2099	3684
14+	6769	11684
OTHER		
MALE		
<14	709	966
14+	1786	2655
FEMALE		
<14	643	943
14+	2016	2934
 TOTAL RECORDS	 UNWEIGHTED	 WEIGHTED (1000'S)
TOT RECORDS	162875	237592
INTERVIEWS	147914	237592
<14	31410	48704
14+	116504	188888
ARMED FORCES	669	828
TYPE A	2834	0
TYPE B/C	11458	0

## SOURCE AND RELIABILITY STATEMENT

## SOURCE OF DATA

The estimates in these tables are based on data obtained in January 1987 from the Current Population Survey (CPS) conducted by the Bureau of the Census and from supplementary questions to the CPS. The monthly CPS deals mainly with labor force data for the civilian noninstitutional population. Questions relating to labor force participation are asked about each member in every sample household. In addition, in January 1987, supplementary questions were asked about occupational mobility.

Current Population Survey (CPS). The present CPS sample was selected from the 1980 census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to reflect new construction. The current CPS sample is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions in the nation. In this sample, approximately 60,500 occupied households were eligible for interview. Of this number, about 2,500 occupied units were visited but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason.

CPS Estimation Procedure. The estimation procedure used in this survey involved the inflation of the weighted sample results to independent estimates of the total civilian noninstitutional population of the United States by age, race, sex and Hispanic/non-Hispanic categories. These independent estimates are based on statistics from decennial censuses of population; statistics on births, deaths, immigration and emigration; and statistics on the strength of the Armed Forces.

## RELIABILITY OF THE ESTIMATES.

Since the CPS estimates were based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on sample survey -- sampling and nonsampling. The accuracy of a survey result depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates. The standard errors provided for the CPS estimates primarily indicate the magnitude of the sampling error. They also partially measure the effect of

some nonsampling errors in responses and enumeration, but do not measure any systematic biases in the data. (Bias is the difference averaged over all possible samples, between the estimate and the desired value.)

Nonsampling Variability. Nonsampling errors can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness on the part of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all units with the sample (undercoverage).

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage, as compared to the levels of the 1980 Decennial Census, is about 7 percent. It is known that 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. Ratio estimation to independent age-sex-race-Hispanic population controls, as described previously, partially corrects for the bias due to survey 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-Hispanic group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to Statistical Policy Working Paper No. 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 No. 40, The Current Population Survey: Design and Methodology Bureau of the Census, U.S. Department of Commerce.

Sampling Variability. The standard errors given in the following tables are primarily measures of sampling variability, that is, of the variations that occurred by chance because a sample rather than the entire population was surveyed. The sample estimate and its standard error enable one to construct confidence intervals, a range that would include the average results of all possible samples with a known probability. For example, if all possible samples were selected, each of these being 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 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

The average estimate derived from all possible samples is or is not contained in any particular computed interval. However, for a particular sample, one can say with specified confidence that the average estimate derived from all possible samples is included in the confidence interval.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis appearing in this report is that the population parameters are different. An example of this would be comparing the percent of persons looking for a job versus persons not looking for a job. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

To perform the most common test, let  $x$  and  $y$  be sample estimates for two characteristics of interest. Let the standard error on the difference  $x-y$  be  $\sigma_{x-y}$ . If the ratio  $R = (x-y)/\sigma_{x-y}$  is between  $-1.6$  and  $+1.6$ , no conclusion about the difference between the characteristics is justified at the 0.10 level of significance. If, on the other hand, this ratio is smaller than  $-1.6$  or larger than  $+1.6$ , the observed difference is significant at the 0.10 level. In this event, it is commonly accepted practice to say that the characteristics are different. Of course, sometimes this conclusion will be wrong. When the characteristics are, in fact, the same, there is a 10 percent chance of concluding that they are different. All statements of comparison in the text have passed a hypothesis test at the 0.10 level of significance or better. This means that, for the differences cited in the text, the estimated difference between characteristics is greater than 1.6 times the standard error of the difference.

**Comparability of Data.** Data obtained from the CPS and other sources are not entirely comparable. This is due in large part to differences in interviewer training and experience and in differing survey processes. This is an additional component of error not reflected in the standard error tables. Therefore, caution should be used in comparing results between these different sources.

**Note When Using Small Estimates.** Summary measures (such as medians and percent distributions) are shown only when the base is 75,000 or greater. Because of the large standard errors involved, there is little chance that summary measures would reveal useful information when computed on a smaller base. Estimated numbers are shown, however, even though the

relative standard errors of these numbers are larger than those for corresponding percentages. These smaller estimates are provided primarily to permit such combinations of the categories as serve each data user's needs. Also, care must be taken 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.

**Standard Error Tables and Their Use.** In order to derive standard errors that would be applicable to a larger number of estimates and could be prepared at a moderate cost, a number of approximations were required. Therefore, instead of providing an individual standard error for each estimate, generalized sets of standard errors are provided for various types of characteristics. As a result, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

The figures in Tables A-1 and A-2 are approximations to the standard errors of various estimates for persons. To obtain the approximate standard error for a specific characteristic the appropriate standard error in Table A-1 must be multiplied by the factor for that characteristic given in Table A-3. These factors must be applied to the generalized standard errors in order to adjust for the combined effect of the sample design and the estimating procedure on the value of the characteristic. Standard errors for intermediate values not shown in the generalized tables of standard errors may be approximated by linear interpolation.

Two parameters (denoted "a" and "b") are used to calculate standard errors for each type of characteristic; they are presented in Table A-3. These parameters were used to calculate the standard errors in Tables A-1 and A-2 and to calculate the factors in Table A-3. They also may be used directly to calculate the standard errors for estimated numbers and percentages. Methods for computation are given in the following sections.

**Standard Errors of Estimated Numbers.** The approximate standard error,  $\sigma_x$ , of an estimated number shown in this report can be obtained in two ways. It may be obtained by use of the formula

$$\sigma_x = f\sigma \quad (1)$$

Where  $f$  is 1.0 and  $\sigma$  is the standard error on the estimate obtained by interpolation from Table A-1. Alternatively, the standard error may be approximated by formula (2) from which the standard errors in Tables A-1 and A-2 were calculated. Use of this formula will provide more accurate results than the use of formula (1) above.

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

Where  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Table A-3 associated with the particular type of characteristic.

**Illustration of the Computation of the Standard Error of an Estimated Number.** Suppose that there were 24,334,000 persons working 5-10 years in January, 1987, from Table A-3 the appropriate parameters are  $a = -0.000013$  and  $b = 2,327$ , using formula (2), the approximate standard error on an estimate of 24,334,000 is

$$\sigma_x = \sqrt{(-0.000013) (24,334,000)^2 + 2,327 (24,334,000)} = 221,000$$

Alternately, by linear interpolation in Table A-1, the standard error on 24,334,000, rounding to the nearest thousand is 221,000.

Using the 221,000 estimate of standard error, the 90-percent confidence interval as shown by the data is from 23,980,400 to 24,687,600. Therefore, a conclusion that the average estimates derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Estimated Percentages.** The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which this percentage is based. 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 parameters from Table A-3 indicated by the numerator. The approximate standard error,  $\sigma_{(x,p)}$ , of an estimated percentage can be an obtained by use of the formula

$$\sigma_{(x,p)} = f\sigma \quad (3)$$

In this formula,  $f$  is 1.0 and  $\sigma$  is the standard error on the estimate from Table A-2. Alternatively, it may be approximated by the following formula, from which the standard errors in Table A-2 were calculated; use of this formula will give more accurate results than use of formula (3) above.

$$\sigma_{(x,p)} = \sqrt{\frac{b}{x} \cdot p(100-p)} \quad (4)$$

Here  $x$  is the size of the subclass of persons employed in occupations which is the base of the percentage,  $p$  is the percentage ( $0 < p < 100$ ), and  $b$  is the parameter in Table A-3 associated with the particular characteristic in the numerator of the percentage.

**Illustration of the Computation of the Standard Error of a Percentage.** Suppose that of 24,334,000 persons working 5-10 years in January 1987, 23,664,000 or 97.2 percent were doing the same work as a year ago. From Table A-3, the appropriate  $b$  parameter is 2,327. Using formula (4), the approximate standard error on 97.2 percent is

$$\sigma(x, p) = \sqrt{\frac{2327}{24,334,000} (97.2) (2.8)} = 0.2$$

Alternatively, by interpolation in Table A-2, the standard error on 97.2 percent is 0.2.

Therefore, the 90-percent confidence interval of the percentage of persons working 5-10 years and doing the same work as a year ago is from 96.9 to 97.5.

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

$$\sigma(x-y) = \sqrt{\sigma_x^2 + \sigma_y^2} \quad (5)$$

Where  $\sigma_x$  and  $\sigma_y$  are the standard errors of the estimates  $x$  and  $y$ , respectively; the estimates can be of numbers, percents, ratios, etc. This will represent the actual standard errors quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

**Illustration of the Computation of the Standard Error of a Difference.** Suppose that of the 24,334,000 persons working 5-10 years 23,664,000 or 97.2 percent were doing the same work as a year ago in January 1987, and of the 95,894,000 persons 16+ 86,359,000 or 90.1 percent were doing the same work as a year ago. The apparent difference between these two groups is 7.1 percent. Using formula (4) and the  $b$ -parameter of 2,327 from Table A-3, the standard error on

97.2 percent with a base of 24,334,000 is approximately 0.2 percent, and for 90.1 percent with a base of 86,359,000 it is approximately 0.2 percent. Using formula (5), the standard error on the estimated difference of 7.1 percent is approximately

$$\sigma_{(x-y)} = \sqrt{(0.2)^2 + (0.2)^2} = 0.3$$

This means that the 90-percent confidence interval around the difference is from 6.8 to 7.4. Since this interval does not include zero, we can conclude with 90-percent confidence that the percentage of persons working 5-10 years and at the same job as a year ago is greater than the percentage of persons 16+ and at the same job as a year ago.

Table A-1 Standard Errors of Estimated Numbers of Persons

(Numbers in thousands)

Estimate	Total or White	Black	Other
25	8	8	8
50	11	11	11
75	13	13	13
100	15	15	15
250	24	24	24
500	34	34	32
750	42	41	39
1,000	48	47	43
2,500	76	70	56
5,000	106	90	27
7,500	129	97	(x)
10,000	148	94	(x)
15,000	179	50	(x)
20,000	203	(x)	(x)
25,000	224	(x)	(x)
50,000	290	(x)	(x)
75,000	318	(x)	(x)
100,000	320	(x)	(x)
125,000	296	(x)	(x)
150,000	238	(x)	(x)

(x) Not applicable

The parameters used to calculate the above standard errors are  
 $a = -0.000013$  and  $b = 2,327$  for Total or White;  $a = -0.000144$  and  
 $b = 2,327$  for Black; and  $a = -0.000437$  and  $b = 2,327$  for Other.

Table A-2 Standard Errors of Estimated Percentages  
Total, White, Black and Other

Base of Estimated Percentages (in thousands)	Estimated Percentage					
	2 or 98	5 or 95	10 or 90	20 or 80	25 or 75	50
25	4.3	6.7	9.2	12.2	13.2	15.3
50	3.0	4.7	6.5	8.6	9.3	10.8
75	2.5	3.8	5.3	7.1	7.6	8.8
100	2.1	3.3	4.6	6.1	6.6	7.6
250	1.4	2.1	2.9	3.9	4.2	4.8
500	1.0	1.5	2.1	2.7	3.0	3.4
750	0.8	1.2	1.7	2.2	2.4	2.8
1,000	0.7	1.1	1.5	1.9	2.1	2.4
2,500	0.4	0.7	0.9	1.2	1.3	1.5
5,000	0.3	0.5	0.7	0.9	0.9	1.1
7,500	0.3	0.4	0.5	0.7	0.8	0.9
10,000	0.2	0.3	0.5	0.6	0.7	0.8
15,000	0.2	0.3	0.4	0.5	0.5	0.6
20,000	0.2	0.2	0.3	0.4	0.5	0.5
25,000	0.14	0.2	0.3	0.4	0.4	0.5
50,000	0.10	0.2	0.2	0.3	0.3	0.3
75,000	0.08	0.12	0.2	0.2	0.2	0.3
100,000	0.07	0.11	0.14	0.2	0.2	0.2
125,000	0.06	0.09	0.13	0.2	0.2	0.2
150,000	0.06	0.09	0.12	0.2	0.2	0.2

The parameters used to calculate the above standard errors are  $a = -0.000013$  and  $b = 2,327$  for Total or White;  $a = -0.000144$  and  $b = 2,327$  for Black; and  $a = -0.000437$  and  $b = 2,327$  for Other.

Table A-3 "a" and "b" Parameters for  
Occupational Mobility: January 1987

Characteristics	a	b
Total Employed, by age		
14 - 15	-0.000332	2,327
16+	-0.000013	2,327
16 - 19	-0.000160	2,327
20 - 24	-0.000121	2,327
25 - 34	-0.000055	2,327
35 - 44	-0.000070	2,327
45 - 54	-0.000102	2,327
55+	-0.000047	2,327
Male	-0.000025	2,327
Female	-0.000019	2,327
Total or White	-0.000013	2,327
Black	-0.000144	2,327
Other	-0.000437	2,327

## APPENDIX 1--SPECIFIC METROPOLITAN IDENTIFIERS

The specific metropolitan identifiers on this file are based on OMB's June 30, 1984 definitions and are ranked according to Census Bureau population estimates for July 1, 1983. Identification of MSA's and CMSA's is based solely on the CMSA/MSA rank code (see list 1). Identification of PMSA's and individual central cities, however, is based on a combination of codes (see lists 2 and 3 respectively). PMSA's are identified by a combination of the specific CMSA rank code and the appropriate PMSA rank code. Similarly, individual central cities are identified by 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.

AREA	CODES NEEDED TO IDENTIFY		
	CMSA/ MSA RANK	PMSA RANK CODE	INDIVIDUAL CENTRAL CITY CODE
	<u>(W25:1-3)</u>	<u>(W25:4-5)</u>	<u>(W25:6)</u>
	List 1	List 2	List 3
Dallas-Fort Worth, TX CMSA	010	N/C	N/C
Fort Worth-Arlington, TX PMSA	010	02	N/C
Fort Worth, TX Central City	010	02	1
Phoenix, AZ MSA	023	N/C	N/C
Mesa, AZ Central City	023	N/C	2
Burlington, VT MSA	224	N/C	N/C

N/C = No Code Required

Listings of the codes for these three variables follows.

LIST 1:CMSA/MSA 1983 RANK CODES (W25:1-3)

CMSA/MSA

RANK CODE CMSA/MSA TITLE

001	New York-N. New Jersey-Long Island, NY-NJ-CT CMSA
002	Los Angeles-Anaheim-Riverside, CA CMSA
003	Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in samp
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	Washington, DC-MD-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	Atlanta, GA MSA
016	Baltimore, MD MSA
017	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
018	Seattle-Tacoma, WA CMSA
019	San Diego, CA MSA
020	Tampa-St. Petersburg-Clearwater, FL MSA
021	Denver-Boulder, CO CMSA
022	Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not identified)
023	Phoenix, AZ MSA
024	Milwaukee-Racine, WI CMSA
025	Kansas City, MO-KS MSA
026	Portland-Vancouver, OR-WA CMSA
027	New Orleans, LA MSA
028	Columbus, OH MSA

029 Norfolk-Virginia Beach-Newport News, VA MSA  
 030 Buffalo-Niagara Falls, NY CMSA  
 031 Sacramento, CA MSA  
 032 Indianapolis, IN MSA  
 033 San Antonio, TX MSA  
 034 Providence-Pawtucket-Fall River, RI-MA CMSA  
 035 Chârlotte-Gastonia-Rock Hill, NC-SC MSA  
 036 Hartford-New Britian-Middletown, CT CMSA  
 037 Salt Lake City-Ogden, UT MSA  
 038 Rochester, NY MSA  
 039 Oklahoma City, OK MSA  
 040 Louisville, KY-IN MSA  
 041 Dayton-Springfield, OH MSA  
 042 Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)  
 043 Birmingham, AL MSA  
 044 Nashville, TN MSA  
 045 Greensboro-Winston-Salem-High Point, NC MSA  
 046 Albany-Schenectady-Troy, NY MSA  
 047 Honolulu, HI MSA  
 048 Orlando, FL MSA  
 049 Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and  
 Colonial Heights, Hopewell, and Petersburg  
 cities not in sample)  
 050 Jacksonville, FL MSA  
 051 Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)  
 052 Tulsa, OK MSA  
 053 West Palm Beach-Boca Raton-Delray Beach, FL MSA  
 054 Syracuse, NY MSA  
 055 Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)  
 056 Austin, TX MSA  
 057 Grand Rapids, MI MSA  
 058 Toledo, OH MSA  
 059 Omaha, NE-IA MSA (Iowa potion not identified)  
 060 Raleigh-Durham, NC MSA  
 061 Greenville-Spartanburg, SC MSA  
 062 Knoxville, TN MSA  
 063 Tucson, AZ MSA  
 064 Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)

065 Fresno, CA MSA  
 066 Baton Rouge, LA MSA  
 067 Youngstown-Warren, OH MSA  
 068 Las Vegas, NV MSA  
 069 Springfield, MA MSA  
 070 El Paso, TX MSA  
 071 New Haven-Meriden, CT MSA  
 072 Little Rock-North Little Rock, AK MSA  
 073 Charleston, SC MSA  
 074 Mobile, AL MSA (Baldwin county not in sample)  
 075 Bakersfield, CA MSA  
 076 Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identif  
 077 Flint, MI MSA  
 078 Albuquerque, NM MSA  
 079 Wichita, KA MSA  
 080 Columbia, SC MSA  
 081 Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee not in  
 sample)  
 082 Saginaw-Bay City-Midland, MI MSA  
 083 Lansing-East Lansing, MI MSA  
 084 Worcester, MA MSA  
 085 Canton, OH MSA  
 086 Beaumont-Port Arthur, TX MSA  
 087 York, PA MSA  
 088 Davenport-Rock Island-Moline, IA-IL MSA  
 089 Stockton, CA MSA  
 090 Des Moines, IA MSA (Dallas county not in sample)  
 091 Lancaster, PA MSA  
 092 Jackson, MS MSA  
 093 Peoria, IL MSA  
 094 Augusta, GA-SC MSA  
 095 Corpus Christi, TX MSA  
 096 Shreveport, LA MSA  
 097 Fort Wayne, IN MSA  
 098 Spokane, WA MSA  
 099 Lakeland-Winter Haven, FL MSA  
 100 Colorado Springs, CO MSA

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|-----|--|
| 101 | Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified) |
| 102 | Madison, WI MSA  |
| 103 | McAllen-Edinburg-Mission, TX MSA   |
| 104 | Lexington-Fayette, KY MSA  |
| 105 | Utica-Rome, NY MSA   |
| 106 | Santa Barbara-Santa Maria-Lompoc, CA MSA                                     |
| 107 | Reading, PA MSA  |
| 108 | Pensacola, FL MSA  |
| 109 | Salinas-Seaside-Monterey, CA MSA   |
| 110 | Melbourne-Titusville-Palm Bay, FL MSA  |
| 111 | Appleton-Oshkosh-Neenah, WI MSA  |
| 112 | Daytona Beach, FL MSA  |
| 113 | Modesto, CA MSA  |
| 115 | Montgomery, AL MSA   |
| 116 | Erie, PA MSA   |
| 117 | Rockford, IL MSA   |
| 118 | Evansville, IN-KY MSA (Kentucky portion not identified)                      |
| 119 | Macon-Warner Robins, GA MSA  |
| 120 | Charleston, WV MSA   |
| 121 | Eugene-Springfield, OR MSA   |
| 122 | Binghamton, NY MSA   |
| 123 | Visalia-Tulare-Porterville, CA MSA   |
| 124 | Johnstown, PA MSA  |
| 125 | Duluth, MN-WI MSA (Wisconsin portion not identified)                         |
| 126 | New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)              |
| 127 | Salem, OR MSA  |
| 128 | Poughkeepsie, NY MSA   |
| 129 | Fayetteville, NC MSA   |
| 130 | Columbus, GA-AL MSA (Alabama portion not in sample)                          |
| 131 | Fort Myers, FL MSA   |
| 132 | South Bend-Mishawaka, IN MSA   |
| 133 | Provo-Orem, UT MSA (Central City portion only identified)                    |
| 134 | Brownsville-Harlingen, TX MSA  |
| 135 | Savannah, GA MSA   |
| 136 | Sarasota, FL MSA   |
| 137 | Roanoke, VA MSA  |

138	Lubbock, TX	MSA
139	Lafayette, LA	MSA
140	Killeen-Temple, TX	MSA
141	Springfield, MO	MSA
142	Kalamazoo, MI	MSA
143	Anchorage, AK	MSA
144	Reno, NV	MSA (Central City portion only identified)
145	Hickory, NC	MSA
146	Huntsville, AL	MSA
147	Waterbury, CT	MSA
148	Tallahassee, FL	MSA
149	Portsmouth-Dover-Rochester, NH-ME	MSA (Maine portion not entirely in sample and it is not identified)
150	Portland, ME	MSA
151	Lincoln, NE	MSA
152	Biloxi-Gulfport, MS	MSA
153	Houma-Thibodaux, LA	MSA
154	Springfield, IL	MSA
156	Boise City, ID	MSA
157	Gainesville, FL	MSA
158	Wheeling, WV-OH	MSA (Ohio portion not identified)
161	Waco, TX	MSA
163	Lake Charles, LA	MSA
164	Cedar Rapids, IA	MSA
165	New Bedford, MA	MSA
166	Champaign-Urbana-Rantoul, IL	MSA
169	Fort Smith, AR-OK	MSA (Oklahoma portion not in sample)
170	Bradenton, FL	MSA
171	Asheville, NC	MSA
172	Benton Harbor, MI	MSA
173	Waterloo-Cedar Falls, IA	MSA
174	Fort Collins-Loveland, CO	MSA
178	Topeka, KA	MSA (Central City portion only identified)
179	Chico, CA	MSA
180	Muskegon, MI	MSA
181	Lima, OH	MSA
184	Ocala, FL	MSA
185	Jackson, MI	MSA

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186 Monroe, LA MSA  
192 Tuscaloosa, AL MSA  
193 Battle Creek, MI MSA  
194 Anderson, SC MSA  
197 Olympia, WA MSA  
198 Terre Haute, IN MSA  
199 Florence, AL MSA  
201 Altoona, PA MSA  
202 Anderson, IN MSA  
203 Manchester, NH MSA  
204 Medford, OR MSA  
207 Joplin, MO MSA  
209 Mansfield, OH MSA  
211 Sharon, PA MSA  
216 Pueblo, CO MSA  
219 Lawton, OK MSA  
221 Bloomington-Normal, IL MSA  
222 Fort Walton Beach, FL MSA  
224 Burlington, VT MSA  
225 Williamsport, PA MSA  
226 Sioux City, IA-NE MSA (Nebraska portion not in sample)  
231 Sioux Falls, SD MSA  
233 Florence, SC MSA  
240 Bellingham, WA MSA  
242 Yuba City, CA MSA  
246 Colombia, MO MSA  
247 Gadsden, AL MSA  
248 Fayetteville-Springdale, AK MSA  
252 Kankakee, IL MSA

LIST 2: PMSA 1983 RANK CODES (W25:4-5) Note: The PMSA Rank is assigned based on a PMSA's population when compared to other PMSA's within the parent CMSA.

CMSA RANK CODE	PMSA RANK CODE	PMSA TITLE
001	01	New York, NY
	02	Nassau-Suffolk, NY
	03	Newark, NJ
	04	Bergen-Passaic, NJ
	05	Middlesex-Somerset-Hunterdon, NJ
	06	Monmouth-Ocean, NJ
	07	Jersey City, NJ
	08	Bridgeport-Milford, CT
	09	Orange County, NY
	10	Stamford, CT
	11	Danbury, CT
	12	Norwalk, CT
002	01	Los Angeles-Long Beach, CA
	02	Anaheim-Santa Ana, CA
	03	Riverside-San Bernardino, CA
	04	Oxnard-Ventura, CA
003	01	Chicago, IL
	02	Gary-Hammond, IN
	03	Lake County, IL
	04	Joliet, IL
	05	Aurora-Elgin, IL
004	01	Philadelphia, PA-NJ
	02	Wilmington, DE-NJ-MD (New Jersey and Maryland por not identified)
	03	Trenton, NJ

005	01	Oakland, CA
	02	San Francisco, CA
	03	San Jose, CA
	04	Vallejo-Fairfield-Napa, CA
	05	Santa Rosa-Petaluma, CA
	06	Santa Cruz, CA
006	01	Detroit, MI
	02	Ann Arbor, MI
007	01	Boston, MA
	02	Lawrence-Haverill, MA-NH (New Hampshire portion not identified)
	03	Salem-Gloucester, MA
	04	Lowell, MA-NH (New Hampshire portion not identified)
	05	Brockton, MA
008	01	Houston, TX
	02	Galveston-Texas City, TX
	03	Brazoria, TX
010	01	Dallas, TX
	02	Fort Worth-Arlington, TX
011	01	Cleveland, OH
	02	Akron, OH
	03	Lorain-Elyria, OH
012	01	Miami-Hialeah, FL
	02	Fort Lauderdale-Hollywood-Pompano Beach, FL
013	01	Pittsburgh, PA
	02	Beaver County, PA
014	01	St. Louis, MO-IL (Illinois portion not identified)
018	01	Seattle, WA
	02	Tacoma, WA
021	01	Denver, CO
	02	Boulder-Longmont, CO
022	01	Cincinnati, OH-KY-IN (Indiana portion not identified)
	02	Hamilton-Middletown, OH
024	01	Milwaukee, WI
	02	Racine, WI

026	01	Portland, OR
	02	Vancouver, WA
030	01	Buffalo, NY
	02	Niagara Falls, NY
034	01	Providence, RI
	02	Pawtucket-Woonsocket-Attleboro, RI-MA (Rhode Isla Central Cit portion onl identified)
036	01	Hartford, CT
	02	New Britain, CT

LIST 3: INDIVIDUAL CENTRAL CITY CODES (W25:6)

CMSA/MSA RANK CODE (W25:1-3)	PMSA RANK CODE (W25:4-5)	INDIVIDUAL CENTRAL CITY CITY CODE (W25:6)	CITY
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

## APPENDIX 2—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 (\$1923.07 per week). Below is a list of the appropriate topcodes.

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

