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## Current Population Survey (CPS), October 1990: School Enrollment

Records of the Bureau of the Census  
(Record Group 29)

### Agency Documentation Contents:

	<u># Pages</u>
Documentation List, Abstract & Overviews .....	12
Glossary .....	9
'How to Use the Data Dictionary' .....	2
CPS - Adult Interview Data Dictionary .....	15
CPS - Children Interview Data Dictionary .....	7
CPS - Armed Forces Interview Data Dictionary .....	8
CPS - Oct. 1990, Adult Supplement Record Layout .....	4
CPS - Oct. 1990, Children Supplement Record Layout .....	5
CPS - Questionnaire Facsimile .....	11
Industry Classification Codes & Recodes (SIC 1977) .....	10
Occupational Classification Codes & Recodes (SOC 1980) .....	17
Metro Indicators and CMSA/MSA/PMSA Rank Codes (1983) ..	14
Topcoding of Usual Hourly Earnings .....	1
User Note 1: Source and Accuracy Statement .....	5
<u>Total</u> .....	120

### NARA Prepared Documentation:

Sample Printout of CPS File .....	2
Archival Electronic Records Inspection and Control (AERIC) Report .....	Available Upon Request

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# CURRENT POPULATION SURVEY, OCTOBER 1990: SCHOOL ENROLLMENT

## TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview—October 1990 School Enrollment Survey
Attachment 3	Overview—Current Population Survey
Attachment 4	Glossary
Attachment 5	How to Use the Data Dictionary
Attachment 6	Current Population Survey Adult Interview Data Dictionary
Attachment 7	Current Population Survey Children's Interview Data Dictionary
Attachment 8	Current Population Survey Armed Forces Interview Data Dictionary
Attachment 9	Current Population Survey October 1990 Adult Supplement Data Dictionary
Attachment 10	Current Population Survey October 1990 Children's Supplement Data Dictionary
Attachment 11	Questionnaire Facsimile
Attachment 12	Industry Classification Codes
Attachment 13	Occupational Classification Codes for Detailed Occupational Categories
Attachment 14	Specific Metropolitan Identifiers
Attachment 15	Topcoding of Usual Hourly Earnings
Attachment 16	Source and Accuracy Statement for the October 1990 School Enrollment Microdata File
Attachment 17	User Notes

### NOTE

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

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

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

Additional questions about the **school enrollment** supplement should be directed to Robert Kominski, Population Division, Bureau of the Census, Washington, DC 20233. Phone: (301) 763-1154.

## ATTACHMENT 1

### ABSTRACT

*Current Population Survey, October 1990: School Enrollment [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], 1991.*

#### Type Of File

Microdata; unit of observation is individuals within housing units.

#### Universe Description

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

#### Subject-matter Description

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

The file also contains information on school enrollment that includes the following items: current grade attending at a public or private school, whether attending college full or part-time at a 2 or 4-year institution, year last attended a regular school, and year graduated from high school.

#### 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 are also 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: 164,259 logical records; 428 character logical record length.

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

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

## Reference Materials

*Current Population Survey, October 1990: School Enrollment Technical Documentation.* Documentation contains this abstract, a questionnaire facsimile, and record layouts of the file. One copy accompanies each file order. Additional copies are available for \$10 from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233.

*Bureau of the Census. The Current Population Survey: Design and Methodology (Technical Paper 40)* (out of print). Describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries. It also is available on microfiche and microfiche paperprints from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233. [2 microfiche – \$5; 179 pages (paperprints) – \$33.] Make checks payable to Commerce/Census.

## Related Printed Reports

Bureau of the Census. *Current Population Reports. Series P20, No. 443. School Enrollment–Social and Economic Characteristics of Students: October 1988 and 1987.* Available from the U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402. S/N 803-005-00042-7. \$11.

Bureau of the Census. *Current Population Reports. Series P20, No. 452. School Enrollment–Social and Economic Characteristics of Students: October 1989.* Forthcoming.

## File Availability

Tapes are priced at \$1.25 per megabyte (MB) with a minimum price of \$175. Options include 6250 or 1600 bpi; ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. When ordering, please use the order form on the following page.



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## ATTACHMENT 2

### OVERVIEW

#### October 1990 School Enrollment Survey

#### General

The October 1990 School Enrollment Survey was conducted as a supplement to that month's Current Population Survey (CPS). Telephone availability data are also provided on this file. The CPS is a monthly labor force survey conducted in approximately 57,000 households across the Nation. Attachment 11 contains a facsimile of the October 1990 school enrollment supplement questions asked of all applicable persons 3 years old or older.

Attachment 3 contains a description of the CPS entitled "Overview-Current Population Survey." A description of the October 1990 School Enrollment Survey follows.

#### Data Collection

All persons 3 years or over were asked the basic school enrollment questions as appropriate.

CPS field representatives were authorized up to 1 1/2 hours to study their home study materials and complete the corresponding exercises.

The regional offices were instructed to perform a supplement edit on a minimum of five CPS-1s for all field representatives to ensure that the supplement was being conducted completely and accurately. The field representatives were notified of inconsistencies or omissions detected during this editing process.

#### Data Processing

The data processing involved editing and weighting the October supplement data. Each process is described below.

**Edits and Allocations.** *Basic School Enrollment Items.* (Items 30-34, 36-45, 46-49) The data processing involved a consistency edit and allocation module for all school enrollment items.

The consistency edit was concerned mainly with ensuring that the entries within an individual record followed the correct skip pattern. Items with missing entries were assigned values, if appropriate. If not, missing values are allocated using a "hot deck" routine.

*Non-basic Education Items.* (Items 35, 45A-D, 50-55) The processing of adult vocational education questions and children's early education questions involved a consistency edit to check for the correct skip patterns.

**Weighting.** In various months, differences in the sample, questionnaire, and data uses result in the need for additional procedures to produce a "supplement weight." For the October School Enrollment supplement, the adult records are controlled to and agree with, in aggregate, published, composited (but not seasonally adjusted) October 1990 CPS labor force estimates (e.g., employed, unemployed, not in labor force, by age, race, and sex groups). Records for children age 15 and under retain the "basic CPS weight" which reflects controlling to national age, race, sex, and Hispanic origin estimates. The supplement weight should be used in preparing all estimates using data from the supplement items. The supplement weights still sum to the aggregate published, composited (but not seasonally adjusted) October 1990 CPS labor force estimates.

The values and universes for each variable are defined in the supplement record layouts (Attachments 9 and 10).

**October 1990 CPS/School Enrollment Computer File**

**CPS Labor Force Data.** The October 1990 CPS file contains 164,259 records. Each record contains 428 characters. Attachments 6-8 contain the variable name, character size, location on record, universe, and the values of the variables.

The variable H-RECTYP (location 101 on the file) determines the type of record as follows:

**H-RECTYP**

- 1 = Interviewed adult 15+
- 2 = Type A Noninterview (These records represent households that were eligible for the October 1990 CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)
- 3 = Type B/C noninterview (These records represent sample addresses which were determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc.)
- 4 = Armed Forces (For persons 15 years or over in the Armed Forces whose personal information was transcribed from the CPS control card. Note: By definition, Armed Forces members are not eligible for the labor force or supplement interviews.)
- 5 = Children 0-14 years of age

**October 1990 School Enrollment Supplement Data.** The October supplement data for adults are in locations 361-399 and for children in location 400-425. (See Attachments 9 and 10.)

**Tallying the October 1990 School Enrollment Supplement File.** The October 1990 supplement universe was the full CPS sample comprised of all persons 3 years or over.

The supplement weight A-SUPWGT is in location 391-399. Use this weight when tallying all supplement variables of adults 16+. Use the basic weight (A-FNLWGT or C-FNLWGT in location 248) for tallying individuals age 15 or younger.

**Unweighted Counts.** The following is a list of unweighted counts for H-RECTYP (Record Counts). Use these counts to ensure that the file is being accessed properly.

The values of H-RECTYP are:

	<u>Unweighted Counts</u>
1 = (Interview Adults)	115,400
2 = (Type A)	2,346
3 = (Type B/C)	11,489
4 = (Armed Forces)	595
5 = (Children)	34,429



## ATTACHMENT 3

### OVERVIEW

#### Current Population Survey

#### Introduction

The Current Population Survey (CPS) is the source of the official Government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we interview about 57,000 households monthly, scientifically selected on the basis of area of residence to represent the Nation as a whole, individual States, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain 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 729 sample areas comprising 1,973 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 57,000 of them containing approximately 114,500 persons 15 years old and over are interviewed. Also included are demographic data for approximately 33,500 children 0-14 years old and 650 Armed Forces members living with civilians either on or off base 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 14,000 noninterview households are present each month. The resulting file size is approximately 163,000 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 729 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, 15 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 date 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 15 years old and older.

### **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	Unemployed	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 seasonally 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 seasonally Adjusted)	172,364	112,526	101,490	11,036	59,838
Composited (Seasonally Adjusted)	172,364	110,522	99,732	10,790	61,842



## ATTACHMENT 4

### 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 15 years and over for CPS labor force data.

**Armed Forces.** Armed Forces members enumerated in off-base housing or on base with their families are included on the CPS data file in March. Only supplemental data on income are included for Armed Forces members.

**Base 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. On the March file, these broad classifications for current jobs 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. For the longest job held last year, this class of worker scheme includes private; government by level--Federal, State, and local; self-employed incorporated farm/nonfarm; and without pay. The wage and salary category for longest job held includes private, government (all levels), and self-employed, incorporated.

**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.

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

**Earnings Weight.** Each person record allows for an earnings weight for current earnings.

**Education.** (See Years of School Completed.)

**Employed.** (See Labor Force.)

**ESR (Employment Status Recode).** This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items in March.

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

**Family Household.** A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in

that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives. (See the definition of Family).

**Family Weight.** The weight on the family record is the March supplement weight of the householder or reference person.

**Final Weight.** Used in tabulating monthly labor force items. This weight should not be used when tabulating March supplement data.

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

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

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

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

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

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

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

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

**Household Weight.** Household weight is the March Supplement weight of the householder.

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

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



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

**Industry, Occupation, and Class of Worker (I&O) - Current Job (basic data).** For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time). The

I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. The occupation/industry classification system for the 1980 Census of Population was used to code March CPS data beginning with the March 1983 file.

**Industry, Occupation, and Class of Worker-Longest Job (supplement data).** Longest job applies to the job held longest during the preceding year for persons who worked that year, without regard to their current employment status.

Subject	Character Position		
		Current or Most Recent Full-Time Job	Longest Job Last Year (Work Experience)
Industry	3 digit detailed	P 49-51	P 151-153
	2-digit detailed (Recode)	P 52-53	P 322-323
Occupation	Major Group Recode	N/A	P 316-317
	3-digit detailed	P 56-58	P 154-156
	2-digit detailed (Recode)	P 54-55	P 318-319
Class of Worker	Major Group recode	N/A	P 320-321
		P 59	P 314

**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 own housework. This is one of the "not in labor force" classifications--employment status recode (ESR) = 4.

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

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

respectively in character 12 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. **Unemployed.** Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an ESR code of 3 in character 12 of the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.
  - a. **Job Leavers.** Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.
  - b. **Job Losers.** Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.
  - c. **New Job Entrants.** Persons who never worked at a full-time job lasting two weeks or longer.
  - d. **Job Reentrants.** Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.
3. **Not in Labor Force.** All civilians 15 years old and over who are not classified as employed or unemployed. These persons are further classified as major activity: keeping house, going to school, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, retired persons. Persons who report doing unpaid work in a family farm or business for less than 15 hours are also classified as not in the labor force.

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

These items are asked in question 24; see the questionnaire facsimile. Such persons have an ESR code of 4-7 in character 12 of the person 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 four major categories: single (never married), married, widowed, and divorced. These terms refer to the marital status at the time of enumeration.

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

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

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

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

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

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

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

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

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

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

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

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

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

of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

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

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

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

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

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

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

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

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

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

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

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

**Unemployed.** (See Labor Force.)

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

**Unrelated Individuals.** Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the

household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

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

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

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

0	Females, children under 15
1	Vietnam era
2	Korean
3	WWI
4	WWII
5	Other Service
6	Nonveteran

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

**Workers.** (See Labor Force--Employed.)

**Work Experience.** Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

**Year-Round Full-Time Worker.** A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

**Years of School Completed.** Data on years of school completed are 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

---

1. 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

### How to Use the Data Dictionary

The Data Dictionary describes the contents and record layout of the public-use computer tape file. The first line of each data item description gives the data name, size of the data field, and relative begin position of the field.

The next few lines contain descriptive text and any applicable notes. Categorical value codes and labels are given where needed. Comment notes marked by an (\*) are provided throughout.

**Data.** Alphabetic, numeric, and the special characters (- and %). No other special characters are used. It may be a mnemonic such as "H-DAYCMP" or "H-LIVQRT," or a sequential identifier such as "H-INTRV1" or "A-WHYNL1". Data item names are unique throughout the entire file (all 3 record types).

**Size.** Numeric. The size of a data item is given in characters. Indication of implied decimal places is provided in notes.

**Begin.** Numeric. Contains the location in the data record of the first character position of the data item field.

**Decimal.** Numeric. Contains the number of decimal places, where applicable.

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size, and begin position of each data item. This information can be used to help access the data file. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the character "V". The special character (.) denotes the start of the value labels. Examples of data item descriptions follow:

```
D H-DAYCMP      1      8
      Day interview complete
U All
V      -1 .Blank
V      1  .Sunday
V      2  .Monday
V      3  .Tuesday
V      4  .Wednesday
V      5  .Thursday
V      6  .Friday
V      7  .Saturday
V      8  .After interview
           .week
```

```
D A-WANTJB      1     171
      Item 24C - Does ... want a regular
      job now, either full or part-time
U NLFROT (1-24)=2
A-WANT JB (1-24C)=1 or 2
V      -1 .Not in universe
V      1  .Yes
V      2  .Maybe-it depends
V      3  .No
V      4  .Don't know
      Item 24D - What are the reasons
      ... is not looking for work
      (Multiple entries possible)
```

```
D A-WHYNL1      1     172
      Believes no work available
V      -1 .Not in universe
V      1  .Entry
```

### Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

1. COMMENTS (“\*\*”) lines
2. DATA DICTIONARY (“D”); line and DATA DESCRIPTION
3. UNIVERSE (“U”) lines
4. VALUE DESCRIPTION lines
5. One blank line at the end

#### FORMAT

##### “\*\*” LINE COMMENTS

- a. “\*\*” in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.
- b. “\*\*” in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables.

##### “D” Line Data Dictionary

This line contains the following information:

ID	“D”	COL.	1-1
NAME	Variable name	COL.	3-10
SIZE	Size of data field	COL.	14-15
BEGIN	Begin position of data field	COL.	19-22
CATEGORY VALUE	Range of Values in parentheses	COL.	26-46

Text describing the variable will follow this “D” line. Use COL. 6-46 and repeat as many lines as necessary.

##### “U” Line Universe Definition

This line contains the universe definition. Use COL. 3-46 and repeat as many lines as necessary.

ID	“U”	COL.	1-1
DESCRIPTION	Universe description	COL.	3-46

(For continuation use COL. 3-46 and repeat as many lines as necessary.)

##### “V” Line Value Definition

ID	“V”	COL.	1-1
VALUE	Value code-right justified	COL.	3-12
DESCRIPTION	Value description	COL.	14
		COL.	15-46

(Repeat COL. 14-46 format for continued value description.)

## ATTACHMENT 6

### Current Population Survey Adult Interview Data Dictionary

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D H\$PAD1	1	1	V	12	.Other not HU
D H\$PAD2	1	2	D H-FARM	1	11
D H-MONTH	2	3	Farm def'n - edited using urban/rural code		
Month of survey			U All	From MST and CPS-1 Items 5A and 5B	
U All			V	1	.Nonfarm
V	01-12	.Month	V	2	.Farm
D H-YEAR	1	5	D H-TYPINT	1	12
Year of survey - last digit			Item 13 - Type interview		
U All			U All		
V	0-9	.Last digit of year	V	-1	.Blank or impossible
D H-HHNUM	1	6	V	1	.Noninterview
Household number			V	2	.Personal
U All			V	3	.Tel. - regular
V	-1	.Blank	V	4	.Tel. - callback
V	1-8	.Household number	V	5	.ICR filled
D H-CPSCHK	1	7	D H-RESPNM	1	13
Item 1 - Interviewer check item			Item 12 - Line no. HHLd resp.		
U All			U All		
V	-1	.Blank	V	-1	.Blank or impossible
V	1	.Only CPS-1 for household	V	1-6	.Line no.
V	2	.First CPS-1 of continuation household	V	7	.Non HHLd resp.
V	3	.Second CPS-1 of continuation household	D H-AREASN	1	14
V	4	.Third, fourth, etc. CPS-1	Item 14 - Reason for type A		
D H-DAYCMP	1	8	U H-HHTYPE=2		
Day interview complete			V	-1	.Not in universe
U All			V	1	.No one home
V	-1	.Blank	V	2	.Temporarily absent
V	1	.Sunday	V	3	.Refused
V	2	.Monday	V	4	.Other - occ.
V	3	.Tuesday	D H-ARACE	1	15
V	4	.Wednesday	Item 14 - Race for type A		
V	5	.Thursday	U H-HHTYPE=2		
V	6	.Friday	V	-1	.Not in universe
V	7	.Saturday	V	1	.White
V	8	.After interview week	V	2	.Black
D H-LIVQRT	2	9	V	3	.Other
Item 4 - Type of living quarters (Recode)			D H-TYPEBC	2	16
U All			Item 15 - Type B/C		
Housing unit			U H-HHTYPE=3		
V	01	.House, apt., flat	V	-1	.Not in universe
V	02	.HU in nontransient hotel, etc.	Type B		
V	03	.HU, perm., in trans. hotel, motel etc.	V	01	.Vacant - regular
V	04	.HU in rooming house	V	02	.Vacant - storage of HHLd furniture
V	05	.Mobile home or trailer with no permanent room added	V	03	.Temp occ. by persons with URE
V	06	.Mobile home or trailer with 1 or more perm. rooms added	V	04	.Unfit or to be demolished
V	07	.HU not specified above	V	05	.Under construction, not ready
Other unit			V	06	.Converted to temp. business or storage
V	08	.Qtrs not HU in rooming or boarding house	V	07	.Occ. by AF members or persons under 15
V	09	.Unit not perm. in trans. hotel, motel, etc.	V	08	.Unocc. tent or trailer site
V	10	.Tent or trailer site	V	09	.Permit granted, construction not started
V	11	.Student quarters in college dormitory	V	10	.Other
V			Type C		
			V	11	.Demolished
			V	12	.House or trailer moved
			V	13	.Outside segment

CURRENT POPULATION SURVEY - ADULT INTERVIEW

DATA SIZE BEGIN

V 14 .Converted to perm. business or  
V .storage

V 15 .Merged

V 16 .Condemned

V 17 .Built after April 1, 1980

V 18 .Unused line of listing sheet

V 19 .Other

D H-SEASON 1 18  
Item 16 - Seasonal status

U H-TYPEBC=1-3

V -1 .Not in universe

V 1 .Year round

V 2 .By migratory workers

V 3 .Seasonally

D H-OCCINT 1 19  
Item 17 - This unit is intended for  
occupancy

U H-SEASON=2 or 3 and H-LIVQRT=1-7

V -1 .Not in universe

V 1 .Summers only

V 2 .Winters only

V 3 .Other

D H-INTRV1 2 20  
Interviewer code  
Blank or impossible in any digit  
interviewer code A00-M99 excluding IXX

V -1 .Blank

V 00 .A

V 01 .B

V 02 .C

V 03 .D

V 04 .E

V 05 .F

V 06 .G

V 07 .H

V 08 .J

V 09 .K

V 10 .L

V 11 .M

V 12 .N

V 13 .P

V 14 .Q

V 15 .R

V 16 .S

V 17 .T

V 18 .U

V 19 .V

V 20 .W

V 21 .X

V 22 .Y

V 23 .Z

D H-INTRV2 1 22  
Interviewer Code - digit 2

V -1 .Blank

V 0-9 .Interviewer code digit 2

D H-INTRV3 1 23  
Interviewer Code - digit 3

V -1 .Blank

V 0-9 .Interviewer code digit 3

D H-STATUS 1 24  
Item 27B - HHLd status change -  
replacement household

U All

V -1 .Blank

V 1 .Yes

V 2 .No

D H-TENURE 1 25  
Tenure

U All

DATA SIZE BEGIN

V -1 .Not in universe

V 1 .Owned or being bought

V 2 .Rent

V 3 .No cash rent

D H-FAMINC 2 26  
Family income  
Note: If a nonfamily household  
(H-FAMIND=0), income includes only  
that of householder.

U All

V -1 .Not in universe

V 0 .Less than \$5,000

V 1 . \$5,000 to \$7,499

V 2 . \$7,500 to \$9,999

V 3 . \$10,000 to \$12,499

V 4 . \$12,500 to \$14,999

V 5 . \$15,000 to \$19,999

V 6 . \$20,000 to \$24,999

V 7 . \$25,000 to \$29,999

V 8 . \$30,000 to \$34,999

V 9 . \$35,000 to \$39,999

V 10 . \$40,000 to \$49,999

V 11 . \$50,000 to \$59,000

V 12 . \$60,000 to \$74,999

V 13 . \$75,000 and Over

V 19 .Not answered

D H-TELHHD 1 28  
Telephone in household

U All (March, July, Nov. only)

V -1 .Not in universe (noninterview)

V 1 .Yes

V 2 .No

D H-TELA VL 1 29  
Telephone available

U H-TELHHD=2 (March, July, Nov. only)

V -1 .Not in universe

V 1 .Yes

V 2 .No

D H-TELINT 1 30  
Telephone interview acceptable

U H-TELHHD=1 or H-TELA VL=1 (March, July,  
Nov. only)

V -1 .Not in universe

V 1 .Yes

V 2 .No

D H-PRSCNT 1 31  
Item 30 - Number of contacts - actual  
and attempted -- personal

U March, July, Nov. only

V -1 .Blank

V 1-6 .# of personal contacts

V .(6 = 6+)

D H-TELCNT 1 32  
Item 30 - Number of contacts - actual  
and attempted -- telephone

U March, July, Nov. only

V -1 .Blank

V 1-9 .# of telephone contacts

V .(9 = 9+)

D H-TIMINT 1 33  
Item 31 - Time of interview

U March, July, Nov. only

V -1 .Blank

V 1 .Midnight to 6 A.M.

V 2 .6 to 9 A.M.

V 3 .9 A.m. to noon

V 4 .Noon to 3 P.M.

DATA SIZE BEGIN  
 V 5 .3 to 6 P.M.  
 V 6 .6 to 9 P.M.  
 V 7 .9 P.M. to midnight

\*\*\*\*\*  
 \* Household recodes \*  
 \*\*\*\*\*

D H-HHTYPE 1 34  
 Type of household  
 U All  
 V 1 .Interview  
 V 2 .Type A non-interview  
 V 3 .Type B/C non-interview

D H-MIS 1 35  
 Month in sample  
 U All  
 V 1-8 .Month in sample

D H-NUMPER 2 36  
 Number of persons in household  
 U All  
 V 00 .Noninterview household  
 V 1-39 .Number of persons in HHLd

D H-TYPE 1 38  
 Household type  
 U All  
 V 0 .Non-interview household  
 V 1 .Husband/wife primary family  
 V .(neither husband or wife in  
 V .Armed Forces)  
 V 2 .Husband/wife primary family  
 V .(husband and/or wife in armed  
 V .forces)  
 V 3 .Unmarried civilian male  
 V .primary family householder  
 V 4 .Unmarried civilian female  
 V .primary family householder  
 V 5 .Primary family household -  
 V .reference person in  
 V .Armed Forces and unmarried  
 V 6 .Civilian male primary  
 V .individual  
 V 7 .Civilian female primary  
 V .individual  
 V 8 .Primary individual household -  
 V .reference person in Armed Forces  
 V 9 .Group quarters

D H-TYPERP 1 39  
 Type of reference person  
 U H-HHTYPE=1  
 V 0 .Not in universe  
 V 1 .Civilian  
 V 2 .Armed Forces  
 V 3 .Group quarters

D H-NUMFAM 2 40  
 Number of families in HHLd  
 U H-HHTYPE=1  
 V 00 .Not in universe  
 V 00-39 .Number of families

D H-HHDSEQ 2 42  
 Householder sequence number  
 (reference person)  
 (Will be first adult record for  
 group quarters)  
 U H-HHTYPE=1  
 V 00 .Not in universe  
 V 01-39 .Sequence number

D H-MSTIND 5 44  
 Master segment tape index

DATA SIZE BEGIN  
 Unique segment identifier

D H-HHWGT 9 49 2  
 Household weight (2 implied  
 decimal places)  
 Final household weight equivalent to  
 the weight of the wife in husband-wife  
 households and the reference person  
 in all other households

\*\*\*\*\*  
 \* Allocation flags \*  
 \*\*\*\*\*

D HXTENURE 1 58  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D HXFAMINC 1 59  
 V 0 .No change  
 V 2 .Blank to value  
 V 6 .Refusal to value, allocated,  
 V .no error

D H%ARACE 1 60  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%CPSCCHK 1 61  
 V 0 .No change  
 V 2 .Blank to value

D H%DAYCMP 1 62  
 V 0 .No change  
 V 2 .Blank to value

D H%HHNUM 1 63  
 V 0 .No change  
 V 2 .Blank to value  
 V 8 .Blank to NA - error

D H%INTRV 1 64  
 V 0 .No change  
 V 2 .Blank to value

D H%LIVQRT 1 65  
 V 0 .No change  
 V 4 .Allocated  
 V 7 .Blank to NA - no error

D H%OCCINT 1 66  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%RESPNM 1 67  
 V 0 .No change  
 V 2 .Blank to value

D H%SEASON 1 68  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%STATUS 1 69  
 V 0 .No change  
 V 1 .Value to blank  
 V 2 .Blank to value  
 V 3 .Value to value  
 V 8 .Blank to NA - error

CURRENT POPULATION SURVEY - ADULT INTERVIEW

DATA	SIZE	BEGIN
D H%AREASN	1	70
V	0	.No change
V	1	.Value to blank
D H%TYPEBC	1	71
V	0	.No change
V	1	.Value to blank
D H%TELHHD	1	72
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D H%TELAVL	1	73
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D H%TELINT	1	74
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D H%PRSCNT	1	75
V	0	.No change
V	2	.Blank to value
D H%TIMINT	1	76
V	0	.No change
V	2	.Blank to value
D H%TELCNT	1	77
V	0	.No change
V	7	.Blank to NA - no error

\*\*\*\*\*

\* Master Segment Tape (M.S.T.) items \*  
 \* for M.S.T. variables whose ranges are \*  
 \* not defined here, see geographic \*  
 \* appendix to this DDL. \*

\*\*\*\*\*

D HG-REG	1	78
V		Region
V	1	.Northeast
V	2	.Midwest
V	3	.South
V	4	.West
D HG-ST60	2	79
V		1960 Census state code (first digit = geog. division code)
V		Northeast Region (Region 1)
V		New England Division (Div. 1)
V	11	.Maine
V	12	.New Hampshire
V	13	.Vermont
V	14	.Massachusetts
V	15	.Rhode Island
V	16	.Connecticut
V		Middle Atlantic Division (Div. 2)
V	21	.New York
V	22	.New Jersey
V	23	.Pennsylvania
V		Midwest Region (Region 2)
V		East North Central Division (Div. 3)
V	31	.Ohio
V	32	.Indiana
V	33	.Illinois
V	34	.Michigan
V	35	.Wisconsin
V		West North Central Division (Div. 4)
V	41	.Minnesota
V	42	.Iowa
V	43	.Missouri
V	44	.North Dakota

DATA	SIZE	BEGIN
V	45	.South Dakota
V	46	.Nebraska
V	47	.Kansas
V		South Region (Region 3)
V		South Atlantic Division (Div. 5)
V	51	.Delaware
V	52	.Maryland
V	53	.District of Columbia
V	54	.Virginia
V	55	.West Virginia
V	56	.North Carolina
V	57	.South Carolina
V	58	.Georgia
V	59	.Florida
V		East South Central Division (Div. 6)
V	61	.Kentucky
V	62	.Tennessee
V	63	.Alabama
V	64	.Mississippi
V		West South Central Division (Div. 7)
V	71	.Arkansas
V	72	.Louisiana
V	73	.Oklahoma
V	74	.Texas
V		West Region (Region 4)
V		Mountain Division (Div. 8)
V	81	.Montana
V	82	.Idaho
V	83	.Wyoming
V	84	.Colorado
V	85	.New Mexico
V	86	.Arizona
V	87	.Utah
V	88	.Nevada
V		Pacific Division (Div. 9)
V	91	.Washington
V	92	.Oregon
V	93	.California
V	94	.Alaska
V	95	.Hawaii
D HG-STRN	2	81
V		1980 State rank
V		(See Geographic Appendix)
D HG-FIPS	2	83
V		FIPS State code
V		(See Geographic Appendix)
D HG-MSAS	1	85
V		MSA status
V	1	.In MSA, in CC
V	2	.In MSA, not in CC
V	3	.Not in MSA
V	4	.Not identified
D HG-MSAC	4	86
V		MSA or PMSA FIPS code
V	0000	.Not MSA/PMSA, not identified
V	0040-9340	.MST/PMSA code
V		(See Geographic Appendix)
D HG-PMSA	2	90
V		PMSA rank
V	00	.Not a PMSA, not identified
V	01-12	.Ranking of PMSA within its CMSA
V		(See Geographic Appendix)
D HG-MSAR	3	92
V		MSA or CMSA rank
V	000	.Not an MSA, not identified
V	001-252	.Ranking of MSAs or CMSAs by population
V		(See Geographic Appendix)

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D HG-MSSZ	2	95	U ALL		
MSA size			V	1	.Married - civilian spouse
First character -- padding			V		.present
Second character -- pop. size MSA/CMSA			V	2	.Married - AF spouse present
V	1	.Not identified, not an MSA	V	3	.Married - spouse absent
V	2	.100,000 - 249,999	V		.(Exc. separated)
V	3	.250,000 - 499,999	V	4	.Widowed
V	4	.500,000 - 999,999	V	5	.Divorced
V	5	.1 million - 2,499,999	V	6	.Separated
V	6	.2.5 million - 4,999,999	V	7	.Never married
V	7	.5 million - 9,999,999			
V	8	.10 million or more	D A-SPOUSE	2	123
D HG-CMSA	2	97	Item 18F - Spouse's line number		
V	00	.Not in CMSA, not identified	U ALL		
V	07-91	.CMSA code	V	00	.None
(See Geographic Appendix)			V	01-39	.Spouse's line number
D H-METSTA	1	99	D A-SEX	1	125
V	1	.Metropolitan	Item 18G - Sex		
V	2	.Nonmetropolitan	U ALL		
V	3	.Not identified	V	1	.Male
D H-INDVCC	1	100	V	2	.Female
Individual central city identifier			D A-VET	1	126
(See Geographic Appendix)			Item 18G - Veteran status		
D H-RECTYP	1	101	U ALL		
V	1	.Interviewed adult	V	1	.Vietnam era
V	2	.Type A noninterview	V	2	.Korean War
V	3	.Type B/C noninterview	V	3	.World War II
V	4	.Armed Forces record	V	4	.World War I
V	5	.Childrens record	V	5	.Other service
D H-ID	12	102	V	6	.Nonveteran
Unique household identifier			D A-HGA	2	127
D A-LINENO	2	114	Item 18h - Highest grade attended		
Item 18A - Line number			U ALL		
U ALL			V	00	.None
V	01-39	.Line number	V	01	.E1
D A-RRP	2	116	V	02	.E2
Item 18B - Relationship to			V	03	.E3
reference person			V	04	.E4
U ALL			V	05	.E5
V	1	.Reference person with other	V	06	.E6
V		.relatives in HHLd	V	07	.E7
V	2	.Reference person with no other	V	08	.E8
V		.relatives in HHLd	V	09	.H1
V	3	.Husband	V	10	.H2
V	4	.Wife	V	11	.H3
V	5	.Own child	V	12	.H4
V	6	.Parent	V	13	.C1
V	7	.Brother/sister	V	14	.C2
V	8	.Other Relative of Reference	V	15	.C3
V		.person	V	16	.C4
V	9	.Non-relative of reference	V	17	.C5
V		.person with own relatives in HHLd	V	18	.C6+
V	10	.Non-relative of reference	D A-HGC	1	129
V		.person-no own relatives in HHLd	Item 18i - Grade completed		
D A-PARENT	2	118	U ALL		
Item 18C - Parent's line number			V	1	.Yes
U ALL			V	2	.No
V	00	.None	D A-RACE	1	130
V	01-39	.Parent's line number	Item 18J - Race		
D A-AGE	2	120	U ALL		
Item 18D - Age			V	1	.White
U ALL			V	2	.Black
V	15-90	.Adult age (Age topcoded	V	3	.Amer Indian, Aleut Eskimo
V		.at 90)	V	4	.Asian or Pacific Island
D A-MARITL	1	122	V	5	.Other
Item 18E - Marital status					

**CURRENT POPULATION SURVEY - ADULT INTERVIEW**

DATA            SIZE BEGIN

D A-MAJACT    1    131  
 Item 19 - What was ... doing most  
 of last week

U All

V            1 .Working  
 V            2 .With job but not at work  
 V            3 .Looking for work  
 V            4 .Keeping house  
 V            5 .Going to school  
 V            6 .Unable to work  
 V            7 .Retired  
 V            8 .Other

D A-ANYWK     1    132  
 Item 20 - Did ... do any work at  
 all last week, not counting work  
 around the house

U A-MAJACT (I-19)=2,3,4,5,7 or 8 (NE 1,6)

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

D A-HRS1       2    133  
 Item 20a - How many hours did ...  
 work last week at all jobs

U A-MAJACT (I-19)=1 or A-ANYWK (I-20)=Yes

V            -1 .Not in universe  
 V            00:99 .Number of hours

D A-HRSCHK    1    135  
 Item 20B - Interviewer check of  
 item 20A

U Same as A-HRS1 (I-20A)

V            -1 .Not in universe  
 V            1 .49+  
 V            2 .1-34  
 V            3 .35-48

D A-USLFT     1    136

U A-HRSCHK (I-20B)=2  
 Item 20C - Does ... usually work  
 35 hours or more a week at this  
 job (Part 1)

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

D A-FTREAS    2    137  
 Item 20C - Does ... usually work  
 35 Hours or more a week at this  
 job (Part 2)

U A-HRSCHK (I-20B)=2

V            -1 .Not in universe  
 V            1 .Slack work  
 V            2 .Material shortage  
 V            3 .Plant or machine repair  
 V            4 .New job started during week  
 V            5 .Job terminated during week  
 V            6 .Could find only part time work  
 V            7 .Holiday  
 V            8 .Labor dispute  
 V            9 .Bad weather  
 V            10 .Own illness  
 V            11 .On vacation  
 V            12 .Too busy with house, school,  
               etc.  
 V            13 .Did not want full time work  
 V            14 .Full-time work weeks < 35 hrs  
 V            15 .Other

D A-LOSTIM    1    139  
 Item 20D - Did ... lose any time or  
 take any time off last week for any  
 reason such as illness, holiday or  
 slack work

U A-HRSCHK (I-20B)=3

DATA            SIZE BEGIN

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

D A-OVRTIM    1    140  
 Item 20E - Did ... work any overtime  
 or at more than one job last week

U A-LOSTIM (I-20D)=2

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

D A-JOBABS    1    141  
 Item 21 - Did ... have a job or  
 business from which he/she was  
 temporarily absent or on layoff  
 last week

U A-ANYWK (I-20)=2

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

D A-WHYABS    1    142  
 Item 21A - Why was ... absent from  
 work last week

U A-JOBABS (I-21)=1

V            -1 .Not in universe  
 V            1 .Own illness  
 V            2 .On vacation  
 V            3 .Bad weather  
 V            4 .Labor dispute  
 V            5 .New job to begin within  
               .30 days  
 V            6 .Temporary layoff (Under 30  
               .days)  
 V            7 .Indefinite layoff (30 days or  
               .more)  
 V            8 .Other

D A-PAYABS    1    143  
 Item 21B - Is ... receiving wages  
 or salary for any of the time off  
 last week

U A-WHYABS (I-21A)=1-4,8

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No  
 V            3 .Self-employed

D A-FTABS     1    144  
 Item 21C - Does ... usually work 35  
 hours or more a week at this job

U A-WHYABS (I-21A)=1-4,8

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

D A-LKWK       1    145  
 Item 22 - Has ... been looking for  
 work during the past 4 weeks

U A-JOBABS (I-21)=2

V            -1 .Not in universe  
 V            1 .Yes  
 V            2 .No

\*\*\*\*\*  
 \* Item 22A - What has ... been doing in \*  
 \* the last 4 weeks to find work \*  
 \* Method use - Multiple entries possible\*  
 \*\*\*\*\*

D A-MTHD1     1    146  
 Checked with public employment agency

U A-LKWK (I-22)=1

V            -1 .Not in universe  
 V            1 .Entry



DATA DICTIONARY

DATA SIZE BEGIN

D A-MTHD2 1 147  
Checked with private employment agency

U A-LKWK (I-22)=1  
V -1 .Not in universe  
V 1 .Entry

D A-MTHD3 1 148  
Checked with employer directly

U A-LKWK (I-22)=1  
V -1 .Not in universe  
V 1 .Entry

D A-MTHD4 1 149  
Checked with friends or relatives

U A-LKWK (I-22)=1  
V -1 .Not in universe  
V 1 .Entry

D A-MTHD5 1 150  
Placed or answered ads

U A-LKWK (I-22)=1  
V -1 .Not in universe  
V 1 .Entry

D A-MTHD6 1 151  
Nothing

U A-LKWK (I-22)=1  
V -1 .Not in universe  
V 1 .Entry

D A-MTHD7 1 152  
Other

U A-LKWK (I-22)=1  
V -1 .Not in universe  
V 1 .Entry

D A-WHYLK 1 153  
Item 22B - Why did ... start looking  
for work was it because ...

U A-LKWK (I-22)=1 or A-WHYABS (I-21A)=5  
V -1 .Not in universe  
V 1 .Lost job  
V 2 .Quit job  
V 3 .Left school  
V 4 .Wanted temporary work  
V 5 .Change in home or family  
responsibilities  
V 6 .Left military service  
V 7 .Other

D A-WKSLK 2 154  
Item 22C - 1) How many weeks has ...  
been looking for work 2) how many  
weeks ago did ... start looking  
3) how many weeks ago was ...  
laid off

U A-WHYLK (I-22B)=ENTRY or A-WHYABS  
(I-21A)=6 or 7  
V -1 .Not in universe  
V 00-99 .Entry

D A-LKFTPT 1 156  
Item 22D - Has ... been looking for  
full-time or part-time work

U Same as A-WKSLK (I-22C)  
V -1 .Not in universe  
V 1 .Full-time  
V 2 .Part-time

D A-AVAIL 1 157  
Item 22E1 - Could ... have taken a  
job if one had been offered

U Same as A-WKSLK (I-22C)  
V -1 .Not in universe  
V 1 .Yes

DATA SIZE BEGIN

V 2 .No

D A-WHYNA 1 158  
Item 22E2 - Why not

U A-AVAIL (I-22E1)=2  
V -1 .Not in universe  
V 1 .Already has a job  
V 2 .Temporary illness  
V 3 .Going to school  
V 4 .Other

D A-WHENLJ 1 159  
Item 22F - When did ... last work at a  
full-time job or business lasting 2  
consecutive weeks or more

U Same as A-WKSLK (I-22C)  
V -1 .Not in universe  
V 1 .In last 12 months  
V 2 .1-5 years ago  
V 3 .More than 5 years ago  
V 4 .Never worked full time 2  
weeks or more  
V 5 .Never worked at all

D A-IND 3 160  
Item 23B - Industry

U A-CLSWKR=1-7  
V -1 .Not in universe  
V 000 .Old not in universe  
V 002-992 .Legal code

\*\*\*\*\*  
\* See industry and occupation code \*  
\* appendix for list of legal codes \*  
\*\*\*\*\*

D A-OCC 3 163  
Item 23C - Occupation

U A-CLSWKR=1-7  
V -1 .Not in universe  
V 000 .Old not in universe  
V 003:993 .Legal code

D A-CLSWKR 1 166  
Item 23E - Class of worker

U A-LFSR=1-4 or A-LFSR=5-7 and A-NLFROT=2  
and A-NLFLJ=1-5  
V -1 .Not in universe  
V 1 .Private  
V 2 .Federal government  
V 3 .State government  
V 4 .Local government  
V 5 .Self-employed-incorporated  
V 6 .Self-employed-not incorporated  
V 7 .Without pay  
V 8 .Never worked

D A-CHKWJ 1 167  
Item 23F - Interviewer check item

U A-CLSWKR (I-23E)=ENTRY  
V -1 .Not in universe  
V 1 .Entry (or NA) in I20A and P,F,S  
or L in I23E  
V 2 .Entry (or NA) in I23B and P,F,S  
or L in I23E  
V 3 .All other cases

D A-NLFROT 1 168  
Item 24 - Interviewer check item -  
first digit of segment #

U A-LKWK (I-22)=2  
V -1 .Not in universe  
V 1 .Continuing rotations  
V 2 .Outgoing rotations

CURRENT POPULATION SURVEY - ADULT INTERVIEW

REPRODUCED AT THE NATIONAL ARCHIVES

DATA SIZE BEGIN

D A-NLFLJ 1 169  
 Item 24A - When did ... last work  
 for pay at a regular job or business,  
 either full-time or part-time  
 U A-NLFROT (I-24)=2  
 V -1 .Not in universe  
 V 1 .Within past 12 months  
 V 2 .1 Up to 2 years ago  
 V 3 .2 Up to 3 years ago  
 V 4 .3 Up to 4 years ago  
 V 5 .4 Up to 5 years ago  
 V 6 .5 or more years ago  
 V 7 .Never worked

D A-WHYLFT 1 170  
 Item 24B - Why did ... leave that job  
 U A-NLFLJ (I-24A)=1-5  
 V -1 .Not in universe  
 V 1 .Personal, family or school  
 V 2 .Health  
 V 3 .Retirement or old age  
 V 4 .Seasonal job completed  
 V 5 .Slack work or business  
 V .conditions  
 V 6 .Temporary nonseasonal job  
 V .completed  
 V 7 .Unsatisfactory work arrangements  
 V 8 .Other

D A-WANTJB 1 171  
 Item 24C - Does ... want a regular  
 job now, either full or part-time  
 U A-NLFROT (I-24)=2  
 V -1 .Not in universe  
 V 1 .Yes  
 V 2 .Maybe-it depends  
 V 3 .No  
 V 4 .Don't know

\*\*\*\*\*  
 \* Item 24D - What are the reasons ... is \*  
 \* not looking for work \*  
 \* (Multiple entries possible)  
 \*\*\*\*\*

D A-WHYNL1 1 172  
 Believes no work available  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL2 1 173  
 Couldn't find any work  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL3 1 174  
 Lacks nec. schooling, etc.  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL4 1 175  
 Employers think too young or too old  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL5 1 176  
 Other personal handicap in finding job  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

DATA SIZE BEGIN

D A-WHYNL6 1 177  
 Can't arrange child care  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL7 1 178  
 Family responsibilities  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL8 1 179  
 In school or other training  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNL9 1 180  
 Ill health  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNLA 1 181  
 Other  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-WHYNLB 1 182  
 Don't know  
 U A-WANTJB (I-24C)=1 or 2  
 V -1 .Not in universe  
 V 1 .Entry

D A-INTEND 1 183  
 Item 24E - Does ... intend to look  
 for work of any kind in the next  
 12 months  
 U A-NLFROT (I-24)=2  
 V -1 .Not in universe  
 V 1 .Yes  
 V 2 .It depends  
 V 3 .No  
 V 4 .Don't know

\*\*\*\*\*  
 \* Edited Earnings Items \*  
 \*\*\*\*\*

D A-EARNRT 1 184  
 Item 25 - Interviewer check item  
 U A-CHKWJ (I-23F)=1 or 2  
 V -1 .Not in universe  
 V 1 .MIS 1,2,3,5,6,7  
 V 2 .MIS 4, 8

D A-USLHRS 2 185  
 Item 25A - How many hours per week  
 does ... usually work at this job  
 U EARNRT (I-25)=2  
 V -1 .Not in universe  
 V 00-99 .Entry

D A-HRLYWK 1 187  
 Item 25B - Is ... paid by the hour  
 on this job  
 U A-EARNRT (I-25)=2  
 V -1 .Not in universe  
 V 1 .Yes  
 V 2 .No



**CURRENT POPULATION SURVEY - ADULT INTERVIEW**

DATA            SIZE    BEGIN

D A-WKSCH       1     204  
     Labor force by time worked or lost

U LFSR=1-4  
 V        -1 .Not in universe  
 V        1 .At work  
 V        2 .With job, not at work  
 V        3 .Unemployed, seeks full-time  
 V        4 .Unemployed, seeks part-time

D A-CIVLF       1     205  
     Civilian labor force

U LFSR=1-4  
 V        -1 .Not in universe  
 V        1 .In universe

D A-FTLF        1     206  
     Full-time labor force

U LFSR=1-4 and Full-time  
 V        -1 .Not in universe  
 V        1 .In universe

D A-EMPHRS     2     207  
     Reasons not at work or hours at work

U LFSR=1 or 2  
 V        -1 .Not in universe  
     With a job, but not at work  
 V        01 .Illness  
 V        02 .Vacation  
 V        03 .Bad weather  
 V        04 .Labor dispute  
 V        05 .All other  
     At work  
 V        06 .1-4 hours  
 V        07 .5-14 hours  
 V        08 .15-21 hours  
 V        09 .22-29 hours  
 V        10 .30-34 hours  
 V        11 .35-39 hours  
 V        12 .40 hours  
 V        13 .41-47 hours  
 V        14 .48 hours  
 V        15 .49-59 hours  
 V        16 .60 hours or more

D A-PTHRS      2     209  
     At work 1-34 hours by hours at work

U LFSR=1 and I20A<35  
 V        -1 .Not in universe  
 V        00 .Usually full-time, part-time  
           for non-economic reasons  
     Usually work full-time, part-time  
     for economic reasons  
 V        01 .1-4 hours  
 V        02 .5-14 hours  
 V        03 .15-29 hours  
 V        04 .30-34 hours  
     Usually work part-time, economic reasons  
 V        05 .1-4 hours  
 V        06 .5-14 hours  
 V        07 .15-29 hours  
 V        08 .30-34 hours  
     Usually work part-time, noneconomic reasons  
 V        09 .1-4 hours  
 V        10 .5-14 hours  
 V        11 .15-29 hours  
 V        12 .30-34 hours

D A-PTREA      2     211  
     Detailed reason for part-time

U LFSR=1 and I20A < 35  
 V        -1 .Not in universe  
     Usually work full-time  
 V        01 .Slack work  
 V        02 .Material shortages, plant  
           repair  
 V        03 .New job started

DATA            SIZE    BEGIN

V        04 .Job terminated  
 V        05 .Holiday  
 V        06 .Labor dispute  
 V        07 .Bad weather  
 V        08 .Own illness  
 V        09 .On vacation  
 V        10 .All other  
     Usually work part-time  
 V        11 .Slack work  
 V        12 .Could find only part-time  
 V        13 .Own illness  
 V        14 .Too busy or did not want  
           full-time  
 V        15 .Full-time under 35 hours  
 V        16 .Other

D A-ABSREA     2     213  
     Reason not at work and pay status

U LFSR=2  
 V        -1 .Not in universe  
     Usually work full-time paid  
 V        01 .Vacation  
 V        02 .Illness  
 V        03 .All other  
     Not paid  
 V        04 .Vacation  
 V        05 .Illness  
 V        06 .All other  
     Usually work part-time paid  
 V        07 .Vacation  
 V        08 .Illness  
 V        09 .All other  
     Not paid  
 V        10 .Vacation  
 V        11 .Illness  
 V        12 .All other

D A-AG-NA      1     215  
 V        -1 .Not in universe

U All  
 V        1 .Agriculture industry  
 V        2 .Nonagriculture industry

D A-MJIND      2     216  
     Major industry code

U A-CLSWKR=1-7  
 V        -1 .Not in universe  
 V        01 .Agriculture  
 V        02 .Mining  
 V        03 .Construction  
     Manufacturing  
 V        04 .Manufacturing-durable goods  
 V        05 .Manufacturing-nondurable goods  
     Transportation,communications,and other  
     public utilities  
 V        06 .Transportation  
 V        07 .Communications  
 V        08 .Utilities and sanitary services  
     Wholesale and retail trade  
 V        09 .Wholesale trade  
 V        10 .Retail trade  
 V        11 .Finance,insurance and real  
           estate  
     Services (12-20)  
 V        12 .Private household  
     Miscellaneous services  
 V        13 .Business and repair  
 V        14 .Personal services, except  
           private household  
 V        15 .Entertainment  
     Professional and related services  
 V        16 .Hospital  
 V        17 .Medical, except hospital  
 V        18 .Educational  
 V        19 .Social services

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
V	20	.Other professional			
V	21	.Forestry and fisheries			
V	22	.Public administration			
V	23	.Armed Forces			
D A-DTIND	2	218			
		Detailed industry code			
		See industry and occupation code			
		appendix for list of legal codes			
U A-CLSWKR=1-7					
D A-MJOCC	2	220			
		Major occupation code			
U A-CLSWKR=1-7					
V	-1	.Not in universe			
		Managerial and professional			
V	01	.Executive, admin. and			
V		.managerial			
V	02	.Professional specialty			
		Technical, sales and admin. support			
V	03	.Technicians and related support			
V	04	.Sales			
V	05	.Administrative support,			
V		.including clerical			
		Service			
V	06	.Private household			
V	07	.Protective service			
V	08	.Other service			
V	09	.Precision production, craft and			
V		.repair			
		Operators, fabricators and laborers			
V	10	.Machine operators, assemblers			
V		.and inspectors			
V	11	.Transportation and material			
V		.moving			
V	12	.Handlers, equip. cleaners, etc.			
V	13	.Farming, forestry and fishing			
V	14	.Armed Forces			
V	15	.No previous experience - never			
V		.worked			
D A-DTOCC	2	222			
		Detailed occupation code			
		See industry and occupation code			
		appendix for list of legal codes			
U A-CLSWKR=1-7					
D A-ERNEL	1	224			
		Earnings eligibility flag			
U ALL					
V	0	.Not earnings eligible			
V	1	.Earnings eligible			
D A-IOELIG	1	225			
U ALL					
		Industry and occupation eligibility			
		flag			
V	0	.Not I and O eligible			
V	1	.I and O eligible			
D A-DSCWK	1	226			
		Discouraged worker flag			
U ALL					
V	0	.Non-discouraged worker			
V	1	.Discouraged worker			
D A-DTCLWK	2	227			
		Detailed class of worker			
U A-CLSWKR=1-7					
V	-1	.Not in universe			
V	00	.Old Not in universe			
		Agriculture wage and salary			
V	01	.Private			
V	02	.Government			
V	03	.Self-employed			
V	04	.Unpaid family			
		Non-agriculture wage and salary			
		Private industry			
V	05	.Private household			
V	06	.Other private			
		Government			
V	07	.Federal			
V	08	.State			
V	09	.Local			
V	10	.Self-employed			
V	11	.Unpaid family			
D A-EMP	1	229			
		Employed persons (excluding farm			
		workers and private household workers)			
U ALL					
V	-1	.Not in universe			
V	1	.In Universe			
D A-NAGWS	1	230			
U ALL					
		Non agricultural wage and salary			
		workers			
V	-1	.Not in universe			
V	1	.In Universe			
D A-RCOW	1	231			
U ALL					
		Class of worker recode			
V	-1	.Not in universe			
V	1	.Private			
V	2	.Federal			
V	3	.State			
V	4	.Local			
V	5	.Se-uninc.			
V	6	.Without pay			
V	7	.Never worked			
D A-NCAGPWS	1	232			
U ALL					
		Nonagricultural private wage and			
		salary workers (Except private			
		household)			
V	-1	.Not in universe			
V	1	.In universe			
D A-HERNTP	4	233			
		Hourly earnings top code			
V	-1	.Not in universe			
V	0-9999	.Hourly earnings value			
V		.(2 implied decimal places)			
D A-WERNTP	4	237			
		Weekly earnings top code			
V	-1	.Not in universe			
V	0-1927	.Weekly earnings value			
D A-HERNTF	1	241			
		Hourly earnings top code flag			
V	-1	.Not in universe			
V	0	.Not top coded			
V	1	.Top coded			
D A-WERNTF	1	242			
		Weekly earnings top code flag			
V	-1	.Not in universe			
V	0	.Not top coded			
V	1	.Top coded			
D A-FERNTP	4	243			
		Family earnings top code			
V	-1	.Not in primary family or			
V		.not in universe			
V	0000-9999	.Family earnings value			

CURRENT POPULATION SURVEY - ADULT INTERVIEW

REPRODUCED AT THE NATIONAL ARCHIVES

DATA	SIZE	BEGIN
D A-FERNTF	1	247
Family earnings top code flag		
V	-1	.Not in universe
V	0	.Not top codes
V	1	.Top Coded
*****		
* Adult Weights *		
*****		
D A-FNLWGT	8	248 2
Adults final weight (2 implied decimal places)		
U All		
D A-ECRNLWT	8	256 2
Earnings/not in labor force weight (2 implied decimal places)		
U H-MIS=4 or 8		
D A-VETWGT	8	264 2
Veteran's weight (2 implied decimal places) family recodes		
U All		
D A-FAMNUM	2	272
Family number		
U All		
V	00	.Not a family member
V	01	.Primary family member only
V	02-19	.Subfamily member
D A-FAMTYP	1	274
Family type		
U All		
V	1	.Primary family
V	2	.Primary individual
V	3	.Related subfamily
V	4	.Unrelated subfamily
V	5	.Secondary Individual
D A-FAMREL	1	275
Family relationship		
U All		
V	0	.Not a family member
V	1	.Reference person
V	2	.Spouse
V	3	.Child
V	4	.Other relative (primary family and unrelated subfamily only)
D A-PFNOCD	1	276
Number of own children < 18 in primary family		
U All		
V	0	.Not in primary family
V	1	.No children
V	2	.1 child
V	3	.2 children
V	4	.3 children
V	5	.4 children
V	6	.5 children
V	7	.6 children
V	8	.7 children
V	9	.8+ children
D A-PFPRCD	2	277
Presence of own children < 18 in primary family.		
U All		
V	0	.Not in primary family
V	1	.No children < 18 years old
V	2	.All children 0-2 years old
V	3	.All children 3-5 years old
V	4	.All children 6-13 years old

DATA	SIZE	BEGIN
V	5	.All children 14-17 years old
V	6	.Children 0-2 and 3-5
V		.(none 6-17)
V	7	.Children 0-2 and 6-13
V		.(none 3-5 or 14-17)
V	8	.Children 0-2 and 14-17
V		.(none 3-13)
V	9	.Children 3-5 and 6-13
V		.(none 0-2 or 14-17)
V	10	.Children 3-5 and 14-17
V		.(none 0-2 or 6-13)
V	11	.Children 6-13 and 14-17
V		.(none 0-5)
V	12	.Children 0-2, 3-5 and 6-13
V		.(none 14-17)
V	13	.Children 0-2, 3-5 and 14-17
V		.(none 6-13)
V	14	.Children 0-2, 6-13 and 14-17
V		.(none 3-5)
V	15	.Children 3-5, 6-13 and 14-17
V		.(none 0-2)
V	16	.Children from all age groups
D A-PFREL	1	279
Primary family relationship		
V	0	.Not in primary family
U All		
V	1	.Husband
V	2	.Wife
V	3	.Own child
V	4	.Other relative
V	5	.Unmarried reference person
D A-PFSIZE	2	280
Size of primary family		
U All		
V	00	.Not in primary family
V	02-39	.Number individuals
V		.(A-FAMTYP = 1 or 3)
D A-PFHHAG	1	282
Age of primary family householder		
U All		
V	0	.Not a family member
V	1	.< 25 years old
V	2	.25-44 years old
V	3	.45-54 years old
V	4	.55-64 years old
V	5	.65+ years old
D A-LFESH	1	283
Labor force and earner status (male) of husband of primary family or male householder		
U All		
V	0	.Not in primary family/no male
V	1	.Employed earner
V	2	.Self-employed
V	3	.Without pay
V	4	.Unemployed
V	5	.Not in labor force
V	6	.Armed Forces
D A-LFESF	1	284
Labor force and earner status (female) of wife of primary family or female householder		
U All		
V	0	.Not in primary family/no female
V	1	.Employed earner
V	2	.Self-employed
V	3	.Without pay
V	4	.Unemployed
V	5	.Not in labor force
V	6	.Armed Forces

DATA	SIZE	BEGIN	
D A-PFWS	1	285	Primary family earners wage and salary status (16+)
U All			
V	-1		.Not in primary family
V	0		.Not in primary family
V	1		.No one employed
V	2		.Some employed - no wage and salary workers
V	3		.With wage and salary workers, husband/wife or reference v person self-employed
V	4		.With wage and salary workers, husband/wife or reference person not self-employed other Household member self-employed
V	5		.With wage and salary workers only
D A-PFFTPT	1	286	Usual full-time/part-time status of primary family earners (16+)
U H-MIS=4 or 8			
V	-1		.Not in universe (MIS 1,2,3,5,6,7)
V	0		.Not in primary family
V	1		.No earners
V	2		.All earners full-time
V	3		.Some full-time, some part-time
V	4		.All earners part-time
V	5		.Not in universe
D A-PFEARN	4	287	Total weekly family earnings (for members 16+)
U H-MIS=4 or 8			
V	-1		.Not in primary family or not in universe
V	0000-9999		.Usual weekly family earnings
D A-PFNOER	1	291	Number of earners in primary family 16+
U All			
V	-1		.Not in universe (not in primary family)
V	0		.No earners
V	1-8		.1-8 earners
V	9		.9+ earners
D A-PFNOEM	1	292	Number of employed in primary family 16+
V	-1		.Not in universe
V	0		.No one employed
V	1-8		.1-8 employed
V	9		.9+ employed
D A-PFNOUN	1	293	Number of unemployed in primary family 16+
U All			
V	-1		.Not in universe (not in primary family)
V	0		.No unemployed
V	1-8		.1-8 unemployed
V	9		.9+ unemployed
D A-FAMWGT	8	294	2 Family weight - two implied decimal places
U All			
D A-FNEWGT	8	302	2 Family earnings weight (2 implied decimal places) allocation flags
U H-MIS=4 or 8			

DATA	SIZE	BEGIN	
D AXLINENO	1	310	Line number allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
D AXRRP	1	311	Relationship to reference person allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	5		.Value to value - no error
D AXSPARENT	1	312	Parent's line number allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	5		.Value to value - no error
D AXAGE	1	313	Age allocation flag
V	0		.No change
V	2		.Blank to value
V	4		.Allocated
D AXMARITL	1	314	Marital status allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	4		.Allocated
V	5		.Value to value - no error
D AXSPOUSE	1	315	Spouse's line number allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	5		.Value to value - no error
D AXSEX	1	316	Sex allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	4		.Allocated
D AXVET	1	317	Veteran status allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	4		.Allocated
D AXHGA	1	318	Highest grade attended allocation flag
V	0		.No change
V	4		.Allocated
D AXHGC	1	319	Highest grade completed allocation flag
V	0		.No change
V	2		.Blank to value
D AXRACE	1	320	Race allocation flag
V	0		.No change
V	2		.Blank to value
V	4		.Allocated

CURRENT POPULATION SURVEY - ADULT INTERVIEW

REPRODUCED AT THE NATIONAL ARCHIVES

DATA SIZE BEGIN

D A%ORIGIN 1 321  
Origin allocation flag  
V 0 .No change  
V 2 .Blank to value  
V 5 .Value to value - no error  
V 8 .Blank to N/A code

D A%LFSR 1 322  
Labor force status recode allocation flag  
V 0 .No change  
V 4 .Allocated

D A%MAJACT 1 323  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%ANYWK 1 324  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%HRS 1 325  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%HRSCCHK 1 326  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%USLFT 1 327  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%FTREAS 1 328  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%LOSTIM 1 329  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%OVRTIM 1 330  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%JOBABS 1 331  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

DATA SIZE BEGIN

D A%WHYABS 1 332  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%PAYABS 1 333  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%FTABS 1 334  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%LKWK 1 335  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%MTHD 1 336  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WHYLK 1 337  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WKSCLK 1 338  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%LKFPT 1 339  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%AVAIL 1 340  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WHYNA 1 341  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated

D A%WHENLJ 1 342  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 4 .Allocated



DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D AXIND	1	343	D AXHRLYWK	1	352
V	0	.No change	V	-1	.Not in universe
V	1	.Value to blank	V	0	.No change
V	2	.Blank to value	V	1	.Value to blank
V	3	.Value to value	V	2	.Blank to value
V	4	.Allocated	V	3	.Value to value
			V	4	.Allocated
D AXOCC	1	344	D AXHRSPAY	1	353
V	0	.No change	V	-1	.Not in universe
V	1	.Value to blank	V	0	.No change
V	2	.Blank to value	V	1	.Value to blank
V	3	.Value to value	V	2	.Blank to value
V	4	.Allocated	V	3	.Value to value
			V	4	.Allocated
D AXCLSWKR	1	345	D AXGRSWK	1	354
V	0	.No change	V	-1	.Not in Universe
V	1	.Value to blank	V	0	.No change
V	2	.Blank to value	V	1	.Value to blank
V	3	.Value to value	V	2	.Blank to value
V	4	.Allocated	V	3	.Value to value
			V	4	.Allocated
D AXNLFLJ	1	346	D AXUNMEM	1	355
V	0	.No change	V	-1	.Not in universe
V	1	.Value to blank	V	0	.No change
V	2	.Blank to value	V	1	.Value to blank
V	3	.Value to value	V	2	.Blank to value
V	4	.Allocated	V	3	.Value to value
			V	4	.Allocated
D AXWHYLFY	1	347	D AXUNCOV	1	356
V	0	.No change	V	-1	.Not in universe
V	1	.Value to blank	V	0	.No change
V	2	.Blank to value	V	1	.Value to blank
V	3	.Value to value	V	2	.Blank to value
V	4	.Allocated	V	3	.Value to value
			V	4	.Allocated
D AXWANTJB	1	348	D AXENRCHK	1	357
V	0	.No change	V	0	.No change
V	1	.Value to blank	V	1	.Value to blank
V	2	.Blank to value	V	2	.Blank to value
V	3	.Value to value	V	3	.Value to value
V	4	.Allocated	V	4	.Allocated
D AXWHYNL	1	349	D AXENRLW	1	358
V	0	.No change	V	0	.No change
V	1	.Value to blank	V	1	.Value to blank
V	2	.Blank to value	V	2	.Blank to value
V	3	.Value to value	V	3	.Value to value
V	4	.Allocated	V	4	.Allocated
D AXINTEND	1	350	D AXHSCOL	1	359
V	0	.No change	V	0	.No change
V	1	.Value to blank	V	1	.Value to blank
V	2	.Blank to value	V	2	.Blank to value
V	3	.Value to value	V	3	.Value to value
V	4	.Allocated	V	4	.Allocated
D AXJSLHRS	1	351	D AXFTPT	1	360
V	0	.No change	V	0	.No change
V	1	.Value to blank	V	1	.Value to blank
V	2	.Blank to value	V	2	.Blank to value
V	3	.Value to value	V	3	.Value to value
V	4	.Allocated	V	4	.Allocated



## ATTACHMENT 7

Current Population Survey  
Children Interview Data Dictionary

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D HSPAD1	1	1	V	12	.Other not HU
D HSPAD2	1	2	D H-FARM	1	11
D H-MONTH	2	3			Farm def'n - edited using urban/rural code
Month of survey			U All		
U All					From MST and CPS-1 Items 5A and 5B
V	01-12	.Month	V	1	.Nonfarm
D H-YEAR	1	5	V	2	.Farm
Year of survey - last digit			D H-TYPINT	1	12
U All					Item 13 - Type interview
V	0-9	.Last digit of year	U All		
D H-HHNUM	1	6	V	-1	.Blank or impossible
Household number			V	1	.Noninterview
U All			V	2	.Personal
V	-1	.Blank	V	3	.Tel. - regular
V	1-8	.Household number	V	4	.Tel. - callback
D H-CPSCHK	1	7	V	5	.ICR filled
Item 1 - Interviewer check item			D H-RESPNM	1	13
U All					Item 12 - Line no. HHLD resp.
V	-1	.Blank	U All		
V	1	.Only CPS-1 for household	V	-1	.Blank or impossible
V	2	.First CPS-1 of continuation household	V	1-6	.Line no.
V	3	.Second CPS-1 of continuation household	V	7	.Non HHLD resp.
V	4	.Third, fourth, etc. CPS-1	D H-AREASN	1	14
D H-DAYCMP	1	8			Item 14 - Reason for type A
Day interview complete			U H-HHTYPE=2		
U All			V	-1	.Not in universe
V	-1	.Blank	V	1	.No one home
V	1	.Sunday	V	2	.Temporarily absent
V	2	.Monday	V	3	.Refused
V	3	.Tuesday	V	4	.Other - occ.
V	4	.Wednesday	D H-ARACE	1	15
V	5	.Thursday			Item 14 - Race for type A
V	6	.Friday	U H-HHTYPE=2		
V	7	.Saturday	V	-1	.Not in universe
V	8	.After interview week	V	1	.White
D H-LIVQRT	2	9	V	2	.Black
Item 4 - Type of living quarters (Recode)			V	3	.Other
U All			D H-TYPEBC	2	16
Housing unit					Item 15 - Type B/C
V	01	.House, apt., flat	U H-HHTYPE=3		
V	02	.HU in nontransient hotel, etc.	V	-1	.Not in universe
V	03	.HU, perm., in trans. hotel, motel etc.	Type B		
V	04	.HU in rooming house	V	01	.Vacant - regular
V	05	.Mobile home or trailer with no permanent room added	V	02	.Vacant - storage of HHLD furniture
V	06	.Mobile home or trailer with 1 or more perm. rooms added	V	03	.Temp occ. by persons with URE
V	07	.HU not specified above	V	04	.Unfit or to be demolished
Other unit			V	05	.Under construction, not ready
V	08	.Qtrs not HU in rooming or boarding house	V	06	.Converted to temp. business or storage
V	09	.Unit not perm. in trans. hotel, motel, etc.	V	07	.Occ. by AF members or persons under 15
V	10	.Tent or trailer site	V	08	.Unocc. tent or trailer site
V	11	.Student quarters in college dormitory	V	09	.Permit granted, construction not started
			V	10	.Other
			Type C		
			V	11	.Demolished
			V	12	.House or trailer moved
			V	13	.Outside segment

CURRENT POPULATION SURVEY - CHILDREN INTERVIEW

DATA SIZE BEGIN

V 14 .Converted to perm. business or  
V .storage

V 15 .Merged

V 16 .Condemned

V 17 .Built after April 1, 1980

V 18 .Unused line of listing sheet

V 19 .Other

D H-SEASON 1 18  
Item 16 - Seasonal status

U H-TYPEBC=1-3

V -1 .Not in universe

V 1 .Year round

V 2 .By migratory workers

V 3 .Seasonally

D H-OCCINT 1 19  
Item 17 - This unit is intended for  
occupancy

U H-SEASON=2 or 3 and H-LIVQRT=1-7

V -1 .Not in universe

V 1 .Summers only

V 2 .Winters only

V 3 .Other

D H-INTRV1 2 20  
Interviewer code  
Blank or impossible in any digit  
interviewer code A00-M99 excluding IXX

V -1 .Blank

V 00 .A

V 01 .B

V 02 .C

V 03 .D

V 04 .E

V 05 .F

V 06 .G

V 07 .H

V 08 .J

V 09 .K

V 10 .L

V 11 .M

V 12 .N

V 13 .P

V 14 .Q

V 15 .R

V 16 .S

V 17 .T

V 18 .U

V 19 .V

V 20 .W

V 21 .X

V 22 .Y

V 23 .Z

D H-INTRV2 1 22  
Interviewer Code - digit 2

V -1 .Blank

V 0-9 .Interviewer code digit 2

D H-INTRV3 1 23  
Interviewer Code - digit 3

V -1 .Blank

V 0-9 .Interviewer code digit 3

D H-STATUS 1 24  
Item 278 - NHLD status change -  
replacement household

U All

V -1 .Blank

V 1 .Yes

V 2 .No

DATA SIZE BEGIN

D H-TENURE 1 25  
Tenure

U All

V -1 .Not in universe

V 1 .Owned or being bought

V 2 .Rent

V 3 .No cash rent

D H-FAMINC 2 26  
Family income  
Note: If a nonfamily household  
(H-FAMIND=0), income includes only  
that of householder.

U All

V -1 .Not in universe

V 0 .Less than \$5,000

V 1 . \$5,000 to \$7,499

V 2 . \$7,500 to \$9,999

V 3 . \$10,000 to \$12,499

V 4 . \$12,500 to \$14,999

V 5 . \$15,000 to \$19,999

V 6 . \$20,000 to \$24,999

V 7 . \$25,000 to \$29,999

V 8 . \$30,000 to \$34,999

V 9 . \$35,000 to \$39,999

V 10 . \$40,000 to \$49,999

V 11 . \$50,000 to \$59,000

V 12 . \$60,000 to \$74,999

V 13 . \$75,000 and Over

V 19 .Not answered

D H-TELHHD 1 28  
Telephone in household

U All (March, July, Nov. only)

V -1 .Not in universe (noninterview)

V 1 .Yes

V 2 .No

D H-TELAVL 1 29  
Telephone available

U H-TELHHD=2 (March, July, Nov. only)

V -1 .Not in universe

V 1 .Yes

V 2 .No

D H-TELINT 1 30  
Telephone interview acceptable

U H-TELHHD=1 or H-TELAVL=1 (March, July,  
Nov. only)

V -1 .Not in universe

V 1 .Yes

V 2 .No

D H-PRSCNT 1 31  
Item 30 - Number of contacts - actual  
and attempted -- personal

U March, July, Nov. only

V -1 .Blank

V 1-6 .# of personal contacts

V .(6 = 6+)

D H-TELCNT 1 32  
Item 30 - Number of contacts - actual  
and attempted -- telephone

U March, July, Nov. only

V -1 .Blank

V 1-9 .# of telephone contacts

V .(9 = 9+)

D H-TIMINT 1 33  
Item 31 - Time of interview

U March, July, Nov. only

V -1 .Blank

V 1 .Midnight to 6 A.M.

V 2 .6 to 9 A.M.

V 3 .9 A.m. to noon

DATA SIZE BEGIN  
 V 4 .Noon to 3 P.M.  
 V 5 .3 to 6 P.M.  
 V 6 .6 to 9 P.M.  
 V 7 .9 P.M. to midnight

\*\*\*\*\*  
 \* Household recodes \*  
 \*\*\*\*\*

D H-HHTYPE 1 34  
 Type of household  
 U All  
 V 1 .Interview  
 V 2 .Type A non-interview  
 V 3 .Type B/C non-interview

D H-MIS 1 35  
 Month in sample  
 U All  
 V 1-8 .Month in sample

D H-NUMPER 2 36  
 Number of persons in household  
 U All  
 V 00 .Noninterview household  
 V 1-39 .Number of persons in HHL

D H-TYPE 1 38  
 Household type  
 U All  
 V 0 .Non-interview household  
 V 1 .Husband/wife primary family  
 V .(neither husband or wife in  
 V .Armed Forces)  
 V 2 .Husband/wife primary family  
 V .(husband and/or wife in armed  
 V .forces)  
 V 3 .Unmarried civilian male  
 V .primary family householder  
 V 4 .Unmarried civilian female  
 V .primary family householder  
 V 5 .Primary family household -  
 V .reference person in  
 V .Armed Forces and unmarried  
 V 6 .Civilian male primary  
 V .individual  
 V 7 .Civilian female primary  
 V .individual  
 V 8 .Primary individual household -  
 V .reference person in Armed Forces  
 V 9 .Group quarters

D H-TYPERP 1 39  
 Type of reference person  
 U H-HHTYPE=1  
 V 0 .Not in universe  
 V 1 .Civilian  
 V 2 .Armed Forces  
 V 3 .Group quarters

D H-NUMFAM 2 40  
 Number of families in HHL  
 U H-HHTYPE=1  
 V 00 .Not in universe  
 V 00-39 .Number of families

D H-HHSEQ 2 42  
 Householder sequence number  
 (reference person)  
 (Will be first adult record for  
 group quarters)  
 U H-HHTYPE=1  
 V 00 .Not in universe  
 V 01-39 .Sequence number

DATA SIZE BEGIN  
 D H-MSTIND 5 44  
 Master segment tape index  
 Unique segment identifier  
 D H-HHWGT 9 49 2  
 Household weight (2 implied  
 decimal places)  
 Final household weight equivalent to  
 the weight of the wife in husband-wife  
 households and the reference person  
 in all other households

\*\*\*\*\*  
 \* Allocation flags \*  
 \*\*\*\*\*

D H%TENURE 1 58  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%FAMINC 1 59  
 V 0 .No change  
 V 2 .Blank to value  
 V 6 .Refusal to value, allocated,  
 V .no error

D H%ARACE 1 60  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%CPCHK 1 61  
 V 0 .No change  
 V 2 .Blank to value

D H%DAYCMP 1 62  
 V 0 .No change  
 V 2 .Blank to value

D H%HHNUM 1 63  
 V 0 .No change  
 V 2 .Blank to value  
 V 8 .Blank to NA - error

D H%INTRV 1 64  
 V 0 .No change  
 V 2 .Blank to value

D H%LIVQRT 1 65  
 V 0 .No change  
 V 4 .Allocated  
 V 7 .Blank to NA - no error

D H%OCCINT 1 66  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%RESPNM 1 67  
 V 0 .No change  
 V 2 .Blank to value

D H%SEASON 1 68  
 V 0 .No change  
 V 1 .Value to blank  
 V 4 .Allocated

D H%STATUS 1 69  
 V 0 .No change  
 V 1 .Value to blank  
 V 2 .Blank to value  
 V 3 .Value to value  
 V 8 .Blank to NA - error

CURRENT POPULATION SURVEY - CHILDREN INTERVIEW

DATA            SIZE   BEGIN

D H%AREASN     1     70

V            0 .No change

V            1 .Value to blank

D H%TYPEBC     1     71

V            0 .No change

V            1 .Value to blank

D H%TELHHD     1     72

V            0 .No change

V            1 .Value to blank

V            4 .Allocated

D H%TELAVL     1     73

V            0 .No change

V            1 .Value to blank

V            4 .Allocated

D H%TELINT     1     74

V            0 .No change

V            1 .Value to blank

V            4 .Allocated

D H%PRSCNT     1     75

V            0 .No change

V            2 .Blank to value

D H%TIMINT     1     76

V            0 .No change

V            2 .Blank to value

D H%TELCNT     1     77

V            0 .No change

V            7 .Blank to NA - no error

\*\*\*\*\*

\* Master Segment Tape (M.S.T.) items \*  
 \* for M.S.T. variables whose ranges are \*  
 \* not defined here, see geographic \*  
 \* appendix to this DDL. \*  
 \*\*\*\*\*

D HG-REG       1     78

Region

V            1 .Northeast

V            2 .Midwest

V            3 .South

V            4 .West

D HG-ST60      2     79

1960 Census state code (first  
 digit = geog. division code)

Northeast Region (Region 1)

New England Division (Div. 1)

V            11 .Maine

V            12 .New Hampshire

V            13 .Vermont

V            14 .Massachusetts

V            15 .Rhode Island

V            16 .Connecticut

Middle Atlantic Division (Div. 2)

V            21 .New York

V            22 .New Jersey

V            23 .Pennsylvania

Midwest Region (Region 2)

East North Central Division (Div. 3)

V            31 .Ohio

V            32 .Indiana

V            33 .Illinois

V            34 .Michigan

V            35 .Wisconsin

West North Central Division (Div. 4)

V            41 .Minnesota

V            42 .Iowa

V            43 .Missouri

V            44 .North Dakota

DATA            SIZE   BEGIN

V            45 .South Dakota

V            46 .Nebraska

V            47 .Kansas

South Region (Region 3)

South Atlantic Division (Div. 5)

V            51 .Delaware

V            52 .Maryland

V            53 .District of Columbia

V            54 .Virginia

V            55 .West Virginia

V            56 .North Carolina

V            57 .South Carolina

V            58 .Georgia

V            59 .Florida

East South Central Division (Div. 6)

V            61 .Kentucky

V            62 .Tennessee

V            63 .Alabama

V            64 .Mississippi

West South Central Division (Div. 7)

V            71 .Arkansas

V            72 .Louisiana

V            73 .Oklahoma

V            74 .Texas

West Region (Region 4)

Mountain Division (Div. 8)

V            81 .Montana

V            82 .Idaho

V            83 .Wyoming

V            84 .Colorado

V            85 .New Mexico

V            86 .Arizona

V            87 .Utah

V            88 .Nevada

Pacific Division (Div. 9)

V            91 .Washington

V            92 .Oregon

V            93 .California

V            94 .Alaska

V            95 .Hawaii

D HG-STRN      2     81

1980 State rank  
 (See Geographic Appendix)

D HG-FIPS      2     83

FIPS State code  
 (See Geographic Appendix)

D HG-MSAS      1     85

MSA status

V            1 .In MSA, in CC

V            2 .In MSA, not in CC

V            3 .Not in MSA

V            4 .Not identified

D HG-MSAC      4     86

MSA or PMSA FIPS code

V            0000 .Not MSA/PMSA, not identified

V            0040-9340 .MST/PMSA code  
 (See Geographic Appendix)

D HG-PMSA      2     90

PMSA rank

V            00 .Not a PMSA, not identified

V            01-12 .Ranking of PMSA within its CMSA  
 (See Geographic Appendix)

D HG-MSAR      3     92

MSA or CMSA rank

V            000 .Not an MSA, not identified

V            001-252 .Ranking of MSAs or CMSAs by  
 population  
 (See Geographic Appendix)

DATA        SIZE    BEGIN

D HG-MSSZ    2     95  
 MSA size  
 First character -- padding  
 Second character -- pop. size MSA/CMSA

V        1 .Not identified, not an MSA  
 V        2 .100,000 - 249,999  
 V        3 .250,000 - 499,999  
 V        4 .500,000 - 999,999  
 V        5 .1 million - 2,499,999  
 V        6 .2.5 million - 4,999,999  
 V        7 .5 million - 9,999,999  
 V        8 .10 million or more

D HG-CMSA    2     97  
 V        00 .Not in CMSA, not identified  
 V        07-91 .CMSA code  
 (See Geographic Appendix)

D H-METSTA   1     99  
 V        1 .Metropolitan  
 V        2 .Nonmetropolitan  
 V        3 .Not identified

D H-INDVCC   1     100  
 Individual central city identifier  
 (See Geographic Appendix)

D H-RECTYP   1     101  
 V        1 .Interviewed adult  
 V        2 .Type A noninterview  
 V        3 .Type B/C noninterview  
 V        4 .Armed Forces record  
 V        5 .Childrens record

D H-ID        12    102  
 Unique household identifier

\*\*\*\*\*  
 \* Edited Children's Control Card Items \*  
 \*\*\*\*\*

D C-LINENO   2     114  
 Item 18A - Line number  
 U ALL  
 V        01-39 .Line number

D C-RRP       2     116  
 Item 18B - Relationship to  
 reference person  
 U ALL  
 V        5 .Own child  
 V        7 .Brother/sister  
 V        8 .Other relative of ref. person  
 V        9 .Non-rel. of reference person with  
          .own relatives in HHLD  
 V       10 .Non-rel. of reference person-no  
          .own relatives in HHLD

D C-PARENT   2     118  
 Item 18C - Parent's line number  
 U ALL  
 V        00 .None  
 V        01-39 .Parent's line number

D C-AGE       2     120  
 Item 18D - Age  
 U ALL  
 V        00-14 .Child age

D PADDING    3     122

D C-SEX       1     125  
 Item 18G - Sex  
 U ALL  
 V        1 .Male  
 V        2 .Female

DATA        SIZE    BEGIN

D PADDING    4     126

D C-RACE      1     130  
 Item 18J - Race  
 U ALL  
 V        1 .White  
 V        2 .Black  
 V        3 .Amer. Indian, Aleut Eskimo  
 V        4 .Asian or Pacific Islander  
 V        5 .Other

D PADDING    63    131

\*\*\*\*\*  
 \* Child recodes \*  
 \*\*\*\*\*

D C-REORGN   2     194  
 Item 18K - Origin  
 U All  
 V        1 .Mexican American  
 V        2 .Chicano  
 V        3 .Mexican (Mexicano)  
 V        4 .Puerto Rican  
 V        5 .Cuban  
 V        6 .Central or South American  
 V        7 .Other Spanish  
 V        8 .All other  
 V        9 .Don't know  
 V       10 .NA

D C-EXPRRP   2     196  
 Expanded relationship code  
 U All  
 V        5 .Natural/adopted child  
 V        6 .Step child  
 V        7 .Grandchild  
 V        9 .Brother/sister  
 V       10 .Other relative  
 V       11 .Foster child  
 V       12 .Nonrelative with relatives  
 V       14 .Nonrelative without relatives

D PADDING    50    198

\*\*\*\*\*  
 \* Child weights \*  
 \*\*\*\*\*

D C-FNLWGT   8     248        2  
 Childs final weight  
 (2 implied decimal places)  
 U ALL

D PADDING    16    256

\*\*\*\*\*  
 \* Family recodes \*  
 \*\*\*\*\*

D C-FAMNUM   2     272  
 Family number  
 U All  
 V        00 .Not a family member  
 V        01 .Primary family member only  
 V        02-19 .Subfamily member

D C-FAMTYP   1     274  
 Family type  
 U All  
 V        1 .Primary family  
 V        2 .Primary individual  
 V        3 .Related subfamily  
 V        4 .Unrelated subfamily  
 V        5 .Secondary individual

CURRENT POPULATION SURVEY - CHILDREN INTERVIEW

DATA SIZE BEGIN

D C-FAMREL 1 275  
Family relationship

- U All
- V 0 .Not a family member
- V 1 .Reference person
- V 2 .Spouse
- V 3 .Child
- V 4 .Other relative (primary family and unrelated .subfamily only)

D C-PFNOCD 1 276  
Number of own children < 18 in primary family

- U All
- V 0 .Not in primary family
- V 1 .No children
- V 2 .1 child
- V 3 .2 children
- V 4 .3 children
- V 5 .4 children
- V 6 .5 children
- V 7 .6 children
- V 8 .7 children
- V 9 .8+ children

D C-PFPRCD 2 277  
Presence of own children < 18 in primary family.

- U All
- V 0 .Not in primary family
- V 1 .No children < 18 years old
- V 2 .All children 0-2 years old
- V 3 .All children 3-5 years old
- V 4 .All children 6-13 years old
- V 5 .All children 14-17 years old
- V 6 .Children 0-2 and 3-5 .(none 6-17)
- V 7 .Children 0-2 and 6-13 .(none 3-5 or 14-17)
- V 8 .Children 0-2 and 14-17 .(none 3-13)
- V 9 .Children 3-5 and 6-13 .(none 0-2 or 14-17)
- V 10 .Children 3-5 and 14-17 .(none 0-2 or 6-13)
- V 11 .Children 6-13 and 14-17 .(none 0-5)
- V 12 .Children 0-2, 3-5 and 6-13 .(none 14-17)
- V 13 .Children 0-2, 3-5 and 14-17 .(none 6-13)
- V 14 .Children 0-2, 6-13 and 14-17 .(none 3-5)
- V 15 .Children 3-5, 6-13 and 14-17 .(none 0-2)
- V 16 .Children from all age groups

D C-PFREL 1 279  
Primary family relationship

- U All
- V 0 .Not in primary family
- V 1 .Husband
- V 2 .Wife
- V 3 .Own child
- V 4 .Other relative
- V 5 .Unmarried reference person

D C-PFSIZE 2 280  
Size of primary family

- U All
- V 00 .Not in primary family
- V 02-39 .Number individuals .(A-FAMTYP = 1 or 3)

DATA SIZE BEGIN

D C-PFHHAG 1 282  
Age of primary family householder

- U All
- V 0 .Not a family member
- V 1 .< 25 years old
- V 2 .25-44 years old
- V 3 .45-54 years old
- V 4 .55-64 years old
- V 5 .65+ years old

D C-LFESM 1 283  
Labor force and earner status (male) of husband of primary family or male householder

- U All
- V 0 .Not in primary family/no male
- V 1 .Employed earner
- V 2 .Self-employed
- V 3 .Without pay
- V 4 .Unemployed
- V 5 .Not in labor force
- V 6 .Armed Forces

D C-LFESF 1 284  
Labor force and earner status (female) of wife of primary family or female householder

- U All
- V 0 .Not in primary family/no .female
- V 1 .Employed earner
- V 2 .Self-employed
- V 3 .Without pay
- V 4 .Unemployed
- V 5 .Not in labor force
- V 6 .Armed Forces

D C-PFWS 1 285  
Primary family earners wage and salary status (16+)

- U All
- V 0 .Not in primary family
- V 1 .No one employed
- V 2 .Some employed - no wage .and salary workers
- V 3 .With wage and salary workers, .husband/wife or reference .person self-employed
- V 4 .With wage and salary workers, .husband/wife or reference .person not self-employed other .household member self-employed
- V 5 .With wage and salary workers .only

D C-PFFTPT 1 286  
Usual full-time/part-time status of primary family earners (16+)

- U H-MIS=4 or 8
- V -1 .Not in universe .(MIS 1,2,3,5,6,7)
- V 0 .Not in primary family
- V 1 .No earners
- V 2 .All earners full time
- V 3 .Some full time, some part time
- V 4 .All earners part time
- V 5 .Not in universe

D C-PFEARN 4 287  
Total weekly family earnings (for members 16+)

- U H-MIS=4 or 8
- V -1 .Not in primary family .or not in universe
- V 0000-9999 .Usual weekly family earnings



DATA DICTIONARY

REPRODUCED AT THE NATIONAL ARCHIVES

DATA	SIZE	BEGIN	
D C-PFNOER	1	291	
			Number of earners in primary family 16+
U All			
V	-1		.Not in universe (not in primary family)
V	0		.No earners
V	1-8		.1-8 Earners
V	9		.9+ Earners
D C-PFNOEM	1	292	
			Number of employed in primary family 16+
V	-1		.Not in universe
V	0		.No one employed
V	1-8		.1-8 Employed
V	9		.9+ Employed
D C-PFNOUN	1	293	
			Number of unemployed in primary family 16+
U All			
V	-1		.Not in universe (not in primary family)
V	0		.No unemployed
V	1-8		.1-8 Unemployed
V	9		.9+ Unemployed
D C-FAMWGT	8	294	2
			Family weight - two implied decimal places
U All			
D C-FMEWGT	8	302	2
			Family earnings weight (2 implied decimal places)
U H-MIS=4 or 8			
*****			
*	Allocation flags		*
*****			
D C%LINENO	1	310	
			Line number allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value

DATA	SIZE	BEGIN	
D CXRRP	1	311	
			Relationship to reference person allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	5		.Value to value - no error
D CXSPARENT	1	312	
			Parent's line number allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	5		.Value to value - no error
D CXAGE	1	313	
			Age allocation flag
V	0		.No change
V	2		.Blank to value
V	4		.Allocated
D PADDING	2	314	
D CXSEX	1	316	
			Sex allocation flag
V	0		.No change
V	2		.Blank to value
V	3		.Value to value
V	4		.Allocated
D PADDING	3	317	
D CXRACE	1	320	
			Race allocation flag
V	0		.No change
V	2		.Blank to value
V	4		.Allocated
D CXORIGIN	1	321	
			Origin allocation flag
V	0		.No change
V	2		.Blank to value
V	5		.Value to value - no error
V	8		.Blank to n/a code
D PADDING	39	322	



## ATTACHMENT 8

### Current Population Survey Armed Forces Interview Data Dictionary

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D H\$PAD1	1	1	V	12	.Other not HU
D H\$PAD2	1	2	D H-FARM	1	11
D H-MONTH	2	3	Farm def'n - edited using urban/rural code		
Month of survey			U All		
U All			From MST and CPS-1 Items 5A and 5B		
V	01-12	.Month	V	1	.Nonfarm
D H-YEAR	1	5	V	2	.Farm
Year of survey - last digit			D H-TYPINT	1	12
U All			Item 13 - Type interview		
V	0-9	.Last digit of year	U All		
D H-HHNUM	1	6	V	-1	.Blank or impossible
Household number			V	1	.Noninterview
U All			V	2	.Personal
V	-1	.Blank	V	3	.Tel. - regular
V	1-8	.Household number	V	4	.Tel. - callback
D H-CPSCHK	1	7	V	5	.ICR filled
Item 1 - Interviewer check item			D H-RESPNM	1	13
U All			Item 12 - Line no. HHLd resp.		
V	-1	.Blank	U All		
V	1	.Only CPS-1 for household	V	-1	.Blank or impossible
V	2	.First CPS-1 of continuation household	V	1-6	.Line no.
V	3	.Second CPS-1 of continuation household	V	7	.Non HHLd resp.
V	4	.Third, fourth, etc. CPS-1	D H-AREASN	1	14
D H-DAYCMP	1	8	Item 14 - Reason for type A		
Day interview complete			U H-HHTYPE=2		
U All			V	-1	.Not in universe
V	-1	.Blank	V	1	.No one home
V	1	.Sunday	V	2	.Temporarily absent
V	2	.Monday	V	3	.Refused
V	3	.Tuesday	V	4	.Other - occ.
V	4	.Wednesday	D H-ARACE	1	15
V	5	.Thursday	Item 14 - Race for type A		
V	6	.Friday	U H-HHTYPE=2		
V	7	.Saturday	V	-1	.Not in universe
V	8	.After interview week	V	1	.White
D H-LIVQRT	2	9	V	2	.Black
Item 4 - Type of living quarters (Recode)			V	3	.Other
U All			D H-TYPEBC	2	16
Housing unit			Item 15 - Type B/C		
V	01	.House, apt., flat	U H-HHTYPE=3		
V	02	.HU in nontransient hotel, etc.	V	-1	.Not in universe
V	03	.HU, perm., in trans. hotel, motel etc.	Type B		
V	04	.HU in rooming house	V	01	.Vacant - regular
V	05	.Mobile home or trailer with no permanent room added	V	02	.Vacant - storage of HHLd furniture
V	06	.Mobile home or trailer with 1 or more perm. rooms added	V	03	.Temp occ. by persons with URE
V	07	.HU not specified above	V	04	.Unfit or to be demolished
Other unit			V	05	.Under construction, not ready
V	08	.Qtrs not HU in rooming or boarding house	V	06	.Converted to temp. business or storage
V	09	.Unit not perm. in trans. hotel, motel, etc.	V	07	.Occ. by AF members or persons under 15
V	10	.Tent or trailer site	V	08	.Unocc. tent or trailer site
V	11	.Student quarters in college dormitory	V	09	.Permit granted, construction not started
			V	10	.Other
			Type C		
			V	11	.Demolished
			V	12	.House or trailer moved
			V	13	.Outside segment

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

REPRODUCED AT THE NATIONAL ARCHIVES

DATA SIZE BEGIN

V 14 .Converted to perm. business or  
V .storage

V 15 .Merged

V 16 .Condemned

V 17 .Built after April 1, 1980

V 18 .Unused line of listing sheet

V 19 .Other

D H-SEASON 1 18  
Item 16 - Seasonal status

U H-TYPEBC=1-3

V -1 .Not in universe

V 1 .Year round

V 2 .By migratory workers

V 3 .Seasonally

D H-OCCINT 1 19  
Item 17 - This unit is intended for  
occupancy

U H-SEASON=2 or 3 and H-LIVQRT=1-7

V -1 .Not in universe

V 1 .Summers only

V 2 .Winters only

V 3 .Other

D H-INTRV1 2 20  
Interviewer code  
Blank or impossible in any digit  
interviewer code A00-M99 excluding IXX

V -1 .Blank

V 00 .A

V 01 .B

V 02 .C

V 03 .D

V 04 .E

V 05 .F

V 06 .G

V 07 .H

V 08 .J

V 09 .K

V 10 .L

V 11 .M

V 12 .N

V 13 .P

V 14 .Q

V 15 .R

V 16 .S

V 17 .T

V 18 .U

V 19 .V

V 20 .W

V 21 .X

V 22 .Y

V 23 .Z

D H-INTRV2 1 22  
Interviewer Code - digit 2

V -1 .Blank

V 0-9 .Interviewer code digit 2

D H-INTRV3 1 23  
Interviewer Code - digit 3

V -1 .Blank

V 0-9 .Interviewer code digit 3

D H-STATUS 1 24  
Item 27B - HHLd status change -  
replacement household

U All

V -1 .Blank

V 1 .Yes

V 2 .No

D H-TENURE 1 25  
Tenure

U All

DATA SIZE BEGIN

V -1 .Not in universe

V 1 .Owned or being bought

V 2 .Rent

V 3 .No cash rent

D H-FAMINC 2 26  
Family income  
Note: If a nonfamily household  
(H-FAMIND=0), income includes only  
that of householder.

U All

V -1 .Not in universe

V 0 .Less than \$5,000

V 1 . \$5,000 to \$7,499

V 2 . \$7,500 to \$9,999

V 3 . \$10,000 to \$12,499

V 4 . \$12,500 to \$14,999

V 5 . \$15,000 to \$19,999

V 6 . \$20,000 to \$24,999

V 7 . \$25,000 to \$29,999

V 8 . \$30,000 to \$34,999

V 9 . \$35,000 to \$39,999

V 10 . \$40,000 to \$49,999

V 11 . \$50,000 to \$59,000

V 12 . \$60,000 to \$74,999

V 13 . \$75,000 and Over

V 19 .Not answered

D H-TELHHD 1 28  
Telephone in household

U All (March, July, Nov. only)

V -1 .Not in universe (noninterview)

V 1 .Yes

V 2 .No

D H-TELAVL 1 29  
Telephone available

U H-TELHHD=2 (March, July, Nov. only)

V -1 .Not in universe

V 1 .Yes

V 2 .No

D H-TELINT 1 30  
Telephone interview acceptable

U H-TELHHD=1 or H-TELAVL=1 (March, July,  
Nov. only)

V -1 .Not in universe

V 1 .Yes

V 2 .No

D H-PRSCNT 1 31  
Item 30 - Number of contacts - actual  
and attempted -- personal

U March, July, Nov. only

V -1 .Blank

V 1-6 .# of personal contacts

V .(6 = 6+)

D H-TELCNT 1 32  
Item 30 - Number of contacts - actual  
and attempted -- telephone

U March, July, Nov. only

V -1 .Blank

V 1-9 .# of telephone contacts

V .(9 = 9+)

D H-TIMINT 1 33  
Item 31 - Time of interview

U March, July, Nov. only

V -1 .Blank

V 1 .Midnight to 6 A.M.

V 2 .6 to 9 A.M.

V 3 .9 A.m. to noon

V 4 .Noon to 3 P.M.

DATA SIZE BEGIN

V 5 .3 to 6 P.M.  
V 6 .6 to 9 P.M.  
V 7 .9 P.M. to midnight

\*\*\*\*\*  
\* Household recodes \*  
\*\*\*\*\*

D H-HHTYPE 1 34  
Type of household  
U All  
V 1 .Interview  
V 2 .Type A non-interview  
V 3 .Type B/C non-interview

D H-MIS 1 35  
Month in sample  
U All  
V 1-8 .Month in sample

D H-NUMPER 2 36  
Number of persons in household  
U All  
V 00 .Noninterview household  
V 1-39 .Number of persons in HHLD

D H-TYPE 1 38  
Household type  
U All  
V 0 .Non-interview household  
V 1 .Husband/wife primary family  
V .(neither husband or wife in  
V .Armed Forces)  
V 2 .Husband/wife primary family  
V .(husband and/or wife in armed  
V .forces)  
V 3 .Unmarried civilian male  
V .primary family householder  
V 4 .Unmarried civilian female  
V .primary family householder  
V 5 .Primary family household -  
V .reference person in  
V .Armed Forces and unmarried  
V 6 .Civilian male primary  
V .individual  
V 7 .Civilian female primary  
V .individual  
V 8 .Primary individual household -  
V .reference person in Armed Forces  
V 9 .Group quarters

D H-TYPERP 1 39  
Type of reference person  
U H-HHTYPE=1  
V 0 .Not in universe  
V 1 .Civilian  
V 2 .Armed Forces  
V 3 .Group quarters

D H-NUMFAM 2 40  
Number of families in HHLD  
U H-HHTYPE=1  
V 00 .Not in universe  
V 00-39 .Number of families

D H-HHDSEQ 2 42  
Householder sequence number  
(reference person)  
(Will be first adult record for  
group quarters)  
U H-HHTYPE=1  
V 00 .Not in universe  
V 01-39 .Sequence number

DATA SIZE BEGIN

D H-MSTIND 5 44  
Master segment tape index  
Unique segment identifier

D H-HHWGT 9 49 2  
Household weight (2 implied  
decimal places)  
Final household weight equivalent to  
the weight of the wife in husband-wife  
households and the reference person  
in all other households

\*\*\*\*\*  
\* Allocation flags \*  
\*\*\*\*\*

D H%TENURE 1 58  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%FAMINC 1 59  
V 0 .No change  
V 2 .Blank to value  
V 6 .Refusal to value, allocated,  
V .no error

D H%ARACE 1 60  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%CPSCCHK 1 61  
V 0 .No change  
V 2 .Blank to value

D H%DAYCMP 1 62  
V 0 .No change  
V 2 .Blank to value

D H%HHNUM 1 63  
V 0 .No change  
V 2 .Blank to value  
V 8 .Blank to NA - error

D H%INTRV 1 64  
V 0 .No change  
V 2 .Blank to value

D H%LIVQRT 1 65  
V 0 .No change  
V 4 .Allocated  
V 7 .Blank to NA - no error

D H%OCCINT 1 66  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%RESPNM 1 67  
V 0 .No change  
V 2 .Blank to value

D H%SEASON 1 68  
V 0 .No change  
V 1 .Value to blank  
V 4 .Allocated

D H%STATUS 1 69  
V 0 .No change  
V 1 .Value to blank  
V 2 .Blank to value  
V 3 .Value to value  
V 8 .Blank to NA - error

**CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW**

DATA            SIZE    BEGIN

D H%AREASN    1    70  
 V            0 .No change  
 V            1 .Value to blank

D H%TYPEBC    1    71  
 V            0 .No change  
 V            1 .Value to blank

D H%TELHHD    1    72  
 V            0 .No change  
 V            1 .Value to blank  
 V            4 .Allocated

D H%TELAVL    1    73  
 V            0 .No change  
 V            1 .Value to blank  
 V            4 .Allocated

D H%TELINT    1    74  
 V            0 .No change  
 V            1 .Value to blank  
 V            4 .Allocated

D H%PRSCNT    1    75  
 V            0 .No change  
 V            2 .Blank to value

D H%TIMINT    1    76  
 V            0 .No change  
 V            2 .Blank to value

D H%TELCNT    1    77  
 V            0 .No change  
 V            7 .Blank to NA - no error

\*\*\*\*\*  
 \*    Master Segment Tape (M.S.T.) items    \*  
 \*    for M.S.T. variables whose ranges are \*  
 \*    not defined here, see geographic    \*  
 \*    appendix to this DDL.                \*  
 \*\*\*\*\*

D HG-REG        1    78  
       Region  
 V            1 .Northeast  
 V            2 .Midwest  
 V            3 .South  
 V            4 .West

D HG-ST60       2    79  
       1960 Census state code (first  
       digit = geog. division code)  
       Northeast Region (Region 1)  
       New England Division (Div. 1)  
 V            11 .Maine  
 V            12 .New Hampshire  
 V            13 .Vermont  
 V            14 .Massachusetts  
 V            15 .Rhode Island  
 V            16 .Connecticut  
       Middle Atlantic Division (Div. 2)  
 V            21 .New York  
 V            22 .New Jersey  
 V            23 .Pennsylvania  
       Midwest Region (Region 2)  
       East North Central Division (Div. 3)  
 V            31 .Ohio  
 V            32 .Indiana  
 V            33 .Illinois  
 V            34 .Michigan  
 V            35 .Wisconsin  
       West North Central Division (Div. 4)  
 V            41 .Minnesota  
 V            42 .Iowa  
 V            43 .Missouri  
 V            44 .North Dakota

DATA            SIZE    BEGIN

V            45 .South Dakota  
 V            46 .Nebraska  
 V            47 .Kansas  
       South Region (Region 3)  
       South Atlantic Division (Div. 5)  
 V            51 .Delaware  
 V            52 .Maryland  
 V            53 .District of Columbia  
 V            54 .Virginia  
 V            55 .West Virginia  
 V            56 .North Carolina  
 V            57 .South Carolina  
 V            58 .Georgia  
 V            59 .Florida  
       East South Central Division (Div. 6)  
 V            61 .Kentucky  
 V            62 .Tennessee  
 V            63 .Alabama  
 V            64 .Mississippi  
       West South Central Division (Div. 7)  
 V            71 .Arkansas  
 V            72 .Louisiana  
 V            73 .Oklahoma  
 V            74 .Texas  
       West Region (Region 4)  
       Mountain Division (Div. 8)  
 V            81 .Montana  
 V            82 .Idaho  
 V            83 .Wyoming  
 V            84 .Colorado  
 V            85 .New Mexico  
 V            86 .Arizona  
 V            87 .Utah  
 V            88 .Nevada  
       Pacific Division (Div. 9)  
 V            91 .Washington  
 V            92 .Oregon  
 V            93 .California  
 V            94 .Alaska  
 V            95 .Hawaii

D HG-STRN       2    81  
       1980 State rank  
       (See Geographic Appendix)

D HG-FIPS       2    83  
       FIPS State code  
       (See Geographic Appendix)

D HG-MSAS       1    85  
       MSA status  
 V            1 .In MSA, in CC  
 V            2 .In MSA, not in CC  
 V            3 .Not in MSA  
 V            4 .Not identified

D HG-MSAC       4    86  
       MSA or PMSA FIPS code  
 V            0000 .Not MSA/PMSA, not identified  
 V            0040-9340 .MST/PMSA code  
       (See Geographic Appendix)

D HG-PMSA       2    90  
       PMSA rank  
 V            00 .Not a PMSA, not identified  
 V            01-12 .Ranking of PMSA within its CMSA  
       (See Geographic Appendix)

D HG-MSAR       3    92  
       MSA or CMSA rank  
 V            000 .Not an MSA, not identified  
 V            001-252 .Ranking of MSAs or CMSAs by  
       .population  
       (See Geographic Appendix)

DATA SIZE BEGIN

D HG-MSSZ 2 95  
MSA size  
First character -- padding  
Second character -- pop. size MSA/CMSA

V 1 .Not identified, not an MSA  
V 2 .100,000 - 249,999  
V 3 .250,000 - 499,999  
V 4 .500,000 - 999,999  
V 5 .1 million - 2,499,999  
V 6 .2.5 million - 4,999,999  
V 7 .5 million - 9,999,999  
V 8 .10 million or more

D HG-CMSA 2 97  
V 00 .Not in CMSA, not identified  
V 07-91 .CMSA code  
(See Geographic Appendix)

D H-METSTA 1 99  
V 1 .Metropolitan  
V 2 .Nonmetropolitan  
V 3 .Not identified

D H-INDVCC 1 100  
Individual central city identifier  
(See Geographic Appendix)

D H-RECTYP 1 101  
V 1 .Interviewed adult  
V 2 .Type A noninterview  
V 3 .Type B/C noninterview  
V 4 .Armed Forces record  
V 5 .Childrens record

D H-ID 12 102  
Unique household identifier

\*\*\*\*\*  
\* Edited Armed Force's Control Card Items \*  
\*\*\*\*\*

D M-LINENO 2 114  
Item 18A - Line number  
U All  
V 01-39 .Line number

D M-RRP 2 116  
Item 18B - Relationship to reference person  
U All  
V 1 .Reference person with other  
.relatives in household  
V 2 .Reference person with no other  
.relatives in household  
V 3 .Husband  
V 4 .Wife  
V 5 .Own child  
V 6 .Parent  
V 7 .Brother/sister  
V 8 .Other relative of reference  
.person  
V 9 .Nonrelative of reference  
.person with own relatives  
.in household  
V 10 .Nonrelative of reference  
.person-no own relatives in  
.household

D M-PARENT 2 118  
Item 18C - Parent's line number  
U All  
V 00 .None  
V 01-39 .Parent's line number

DATA SIZE BEGIN

D M-AGE 2 120  
Item 18D - Age  
U All  
V 15-90 .AF Age (Age topcoded at 90)

D M-MARITL 1 122  
Item 18E - Marital status  
U All  
V 1 .Married - civilian spouse  
.present  
V 2 .Married - Armed Forces spouse  
.present  
V 3 .Married - spouse absent  
(exc. separated)  
V 4 .Widowed  
V 5 .Divorced  
V 6 .Separated  
V 7 .Never married

D M-SPOUSE 2 123  
Item 18F - Spouse's line number  
U All  
V 00 .None  
V 01-39 .Spouse's line number

D M-SEX 1 125  
Item 18G - Sex  
U All  
V 1 .Male  
V 2 .Female

D PADDING 1 126

D M-HGA 2 127  
Item 18H - Highest grade attended  
U All  
V 00 .None  
V 01 .E1  
V 02 .E2  
V 03 .E3  
V 04 .E4  
V 05 .E5  
V 06 .E6  
V 07 .E7  
V 08 .E8  
V 09 .H1  
V 10 .H2  
V 11 .H3  
V 12 .H4  
V 13 .C1  
V 14 .C2  
V 15 .C3  
V 16 .C4  
V 17 .C5  
V 18 .C6+

D M-HGC 1 129  
Item 18I - Grade completed  
U All  
V 1 .Yes  
V 2 .No

D M-RACE 1 130  
Item 18J - Race  
U All  
V 1 .White  
V 2 .Black  
V 3 .Amer Indian, Aleut Eskimo  
V 4 .Asian or Pacific Islander  
V 5 .Other

D PADDING 63 131

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

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DATA SIZE BEGIN

\*\*\*\*\*  
 \* Armed Forces - Recodes \*  
 \*\*\*\*\*

D M-REORGN 2 194  
 Item 18K - Origin

U All  
 V 1 .Mexican American  
 V 2 .Chicano  
 V 3 .Mexican (Mexicano)  
 V 4 .Puerto Rican  
 V 5 .Cuban  
 V 6 .Central or South American  
 V 7 .Other Spanish  
 V 8 .All other  
 V 9 .Don't know  
 V 10 .NA

D M-EXPRRP 2 196  
 Expanded relationship code

U All  
 V 1 .Reference person with relatives  
 V 2 .Reference person without relatives  
 V 3 .Husband  
 V 4 .Wife  
 V 5 .Natural/adopted child  
 V 6 .Step child  
 V 7 .Grandchild  
 V 8 .Parent  
 V 9 .Brother/sister  
 V 10 .Other relative  
 V 11 .Foster child  
 V 12 .Nonrelative with relatives  
 V 13 .Partner/roommate  
 V 14 .Nonrelative without relatives

D PADDING 50 198

\*\*\*\*\*  
 \* Armed Forces - Weights \*  
 \*\*\*\*\*

D M-FNLWGT 8 248 2  
 Armed Forces - S Final Weight  
 (2 Implied Decimal Places)

U All

D PADDING 16 256

\*\*\*\*\*  
 \* Family recodes \*  
 \*\*\*\*\*

D M-FAMNUM 2 272  
 Family number

U All  
 V 00 .Not a family member  
 V 01 .Primary family member only  
 V 02-19 .Subfamily member

D M-FAMTYP 1 274  
 Family type

U All  
 V 1 .Primary family  
 V 2 .Primary individual  
 V 3 .Related subfamily  
 V 4 .Unrelated subfamily  
 V 5 .Secondary individual

D M-FAMREL 1 275  
 Family relationship

U All  
 V 0 .Not a family member  
 V 1 .Reference person  
 V 2 .Spouse

DATA SIZE BEGIN

V 3 .Child  
 V 4 .Other relative (primary family and  
 .unrelated subfamily only)

D M-PFNOCD 1 276  
 Number of own Children < 18 in primary  
 family

U All  
 V 0 .Not in primary family  
 V 1 .No children  
 V 2 .1 child  
 V 3 .2 children  
 V 4 .3 children  
 V 5 .4 children  
 V 6 .5 children  
 V 7 .6 children  
 V 8 .7 children  
 V 9 .8+ children

D M-PFPRCD 2 277

U All  
 V 0 .Not in primary family  
 V 1 .No children < 18 years old  
 V 2 .All children 0-2 years old  
 V 3 .All children 3-5 years old  
 V 4 .All children 6-13 years old  
 V 5 .All children 14-17 years old  
 V 6 .Children 0-2 and 3-5  
 .(none 6-17)  
 V 7 .Children 0-2 and 6-13  
 .(none 3-5 or 14-17)  
 V 8 .Children 0-2 and 14-17  
 .(none 3-13)  
 V 9 .Children 3-5 and 6-13  
 .(none 0-2 or 14-17)  
 V 10 .Children 3-5 and 14-17  
 .(none 0-2 or 6-13)  
 V 11 .Children 6-13 and 14-17  
 .(none 0-5)  
 V 12 .Children 0-2, 3-5 and 6-13  
 .(none 14-17)  
 V 13 .Children 0-2, 3-5 and 14-17  
 .(none 6-13)  
 V 14 .Children 0-2, 6-13 and 14-17  
 .(none 3-5)  
 V 15 .Children 3-5, 6-13 and 14-17  
 .(none 0-2)  
 V 16 .Children from all age groups

D M-PFREL 1 279  
 Primary family relationship

U All  
 V 0 .Not in primary family  
 V 1 .Husband  
 V 2 .Wife  
 V 3 .Own child  
 V 4 .Other relative  
 V 5 .Unmarried reference person

D M-PFSIZE 2 280  
 Size of primary family

U All  
 V 00 .Not in primary family  
 V 02-39 .Number individuals  
 V .(A-FAMTYP = 1 or 3)

D M-PFHAG 1 282  
 Age of primary family householder

U All  
 V 0 .Not a family member  
 V 1 .< 25 years old  
 V 2 .25-44 years old  
 V 3 .45-54 years old  
 V 4 .55-64 years old  
 V 5 .65+ years old



DATA SIZE BEGIN

D M-LFESM 1 283  
Labor force and earner status  
(male) of husband of primary  
family or male householder

U All

V 0 .Not in primary family/no male

V 1 .Employed earner

V 2 .Self-employed

V 3 .Without pay

V 4 .Unemployed

V 5 .Not in labor force

V 6 .Armed Forces

D M-LFESF 1 284  
Labor force and earner status (female)  
of wife of primary family or female  
householder

U All

V 0 .Not in primary family/no female

V 1 .Employed earner

V 2 .Self-employed

V 3 .Without pay

V 4 .Unemployed

V 5 .Not in labor force

V 6 .Armed Forces

D M-PFWS 1 285  
Primary family earners wage and salary  
status (16+)

U All

V -1 .Not in primary family

V 0 .Not in primary family

V 1 .No one employed

V 2 .Some employed - no wage  
.and salary workers

V 3 .With wage and salary workers,  
.husband/wife or reference person  
.self-employed

V 4 .With wage and salary workers,  
.husband/wife or reference  
.person not self-employed, other  
.household member self-employed

V 5 .With wage and salary workers  
.only

D M-PFFTPT 1 286  
Usual full-time/part-time status of  
primary family earners (16+)

U H-MIS=4 or 8

V -1 .Not in universe (MIS 1,2,3,5,6,7)

V 0 .Not in primary family

V 1 .No earners

V 2 .All earners full time

V 3 .Some full time, some part time

V 4 .All earners part time

V 5 .Not in universe

D M-PFEARN 4 287  
Total weekly family earnings  
(for members 16+)

U H-MIS=4 or 8

V -1 .Not in primary family or  
.not in universe

V 0000-9999 .Usual weekly family earnings

D M-PFNOER 1 291  
Number of earners in primary family 16+

U All

V -1 .Not in universe (not in  
.primary family)

V 0 .No earners

V 1-8 .1-8 earners

V 9 .9+ earners

DATA SIZE BEGIN

D M-PFNOEM 1 292  
Number of employed in primary  
family 16+

V -1 .Not in universe

V 0 .No one employed

V 1-8 .1-8 employed

V 9 .9+ employed

D M-PFNOUN 1 293  
Number of unemployed in primary  
family 16+

U All

V -1 .Not in universe (not in  
.primary family)

V 0 .No unemployed

V 1-8 .1-8 unemployed

V 9 .9+ unemployed

D M-FAMWGT 8 294 2  
Family weight - Two implied decimal  
places

U All

D M-FMEWGT 8 302 2  
Family earnings weight  
(2 implied decimal places)

\*\*\*\*\*  
\* Allocation Flags \*  
\*\*\*\*\*

D M%LINENO 1 310  
Line number allocation flag.

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

D M%RRP 1 311  
Relationship to reference  
person allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

V 5 .Value to value - no error

D M%PARENT 1 312  
Parent's line number allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

V 5 .Value to value - no error

D M%AGE 1 313  
Age allocation flag

V 0 .No change

V 2 .Blank to value

V 4 .Allocated

D M%MARITL 1 314  
Marital status allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

V 4 .Allocated

V 5 .Value to value - no error

D M%SPOUSE 1 315  
Spouse's line number allocation flag

V 0 .No change

V 2 .Blank to value

V 3 .Value to value

V 5 .Value to value - no error

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

DATA	SIZE	BEGIN
D M%SEX	1	316
	Sex allocation flag	
V	0	.No change
V	2	.Blank to value
V	3	.Value to value
V	4	.Allocated
D PADDING	1	317
D M%HGA	1	318
	Highest grade attended allocation flag	
V	0	.No change
V	4	.Allocated
D M%HGC	1	319
	Highest grade completed allocation flag	
V	0	.No change
V	2	.Blank to value

DATA	SIZE	BEGIN
D M%RACE	1	320
	Race allocation flag	
V	0	.No change
V	2	.Blank to value
V	4	.Allocated
D M%ORIGIN	1	321
	Origin allocation flag	
V	0	.No change
V	2	.Blank to value
V	5	.Value to value - no error
V	8	.Blank to N/A code
D PADDING	39	322

## ATTACHMENT 9

Current Population Survey  
October 1990 Adult Supplement Record Layout

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
A-S30 Is ...attending or enrolled in regular school? -1 = out of universe 1 = Yes 2 = No	Character*001 .	(0361:0361)	All persons age 15+
A-S31 Is ... enrolled in public or private school ? -1 = Out of universe 1 = Public 2 = Private	Character*001 .	(0362:0362)	A-S30= 1
A-S32 What grade or year is ... attending ? -1 = Out of universe 01-08 = Elementary 09-12 = High school 13-18 = College	Character*002 .	(0363:0364)	A-S30= 1
A-S33 Is ... attending college full-time or part-time? -1 = Out of universe 1 = Full time 2 = Part time	Character*001 .	(0365:0365)	A-S32= 13-18
A-S34 Is this a two-year college or a four-year college or university ? -1 = Out of universe 1 = 2-year college 2 = 4-year college	Character*001 .	(0366:0366)	A-S32= 13-18
A-S35 What degree or certificate is ... currently working toward? -1 = Out of universe 1 = Associate degree - occupational 2 = Associate degree - general arts & science 3 = Bachelor's 4 = Master's 5 = Doctorate (PHD) 6 = Professional (MD,DDS,DVM,Law,etc.) 7 = Other license, diploma, or certificate 8 = Not working towards a degree (just taking courses for job, or own use) 9 = No response	Character*001 .	(0367:0367)	A-S32= 13-18

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
A-S36	Character*001 .	(0368:0368)	A-S30=2 or A-S32=13-18
Excluding (regular college courses and) on the job training, is ... taking any business, vocational, technical, secretarial, trade or correspondence courses ?			
	-1 = Out of universe		
	1 = Yes		
	2 = No		
A-S37	Character*001 .	(0369:0369)	All persons age 15+
Was ... attending or enrolled in a regular school or college in October 1989, that is, October of last year ?			
	-1 = Out of universe		
	1 = Yes		
	2 = No		
A-S38	Character*002 .	(0370:0371)	A-S38=1
What grade or year was ... attending last year ?			
	-1 = Out of universe		
	01-08 = Elementary		
	09-12 = High school		
	13-18 = College		
	99 = No response		
A-S39	Character*001 .	(0372:0372)	All persons age 15+
Check item			
	-1 = Out of universe		
	1 = Entry of "1-12" in item 32		
	2 = All others		
A-S40	Character*001 .	(0373:0373)	A-S30=2 or A-S32=13-18
Check item			
	-1 = Out of universe		
	1 = Age 15-24		
	2 = Age 25+		
A-S41	Character*001 .	(0374:0374)	A-S40=1
Check item			
	-1 = Out of universe		
	1 = High school graduate		
	2 = Not high school graduate		
A-S42	Character*001 .	(0375:0375)	A-S41=2
In what calendar year did ... last attend regular school ?			
	-1 = Out of universe		
	1 = 1990		
	2 = 1989 or before		
	3 = Never attended		
A-S43	Character*001 .	(0376:0376)	A-S41=1
In what calendar year did ... complete high school ?			
	-1 = Out of universe		
	1 = 1990		
	2 = 1989 or before		

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
A-S44	Character*001 .	(0377:0377)	Age 15-24
Did ... complete high school by means of an equivalency test, such as the GED ?			
	-1 = Out of universe		
	1 = Yes		
	2 = No		
	9 = No response		
A-S45	Character*001 .	(0378:0378)	All persons age 15+
Check item			
	-1 = Out of universe		
	1 = Self		
	2 = Parent		
	3 = Spouse		
	4 = Other relative		
	5 = Nonrelative		
	9 = No response		
A-S45B	Character*001 .	(0379:0379)	A-S36=1
Who provides the instruction for the business, vocational, technical, or correspondence course(s)?			
	-1 = Out of universe		
	1 = 2 yr. college (community or junior college)		
	2 = 4 yr. college or university		
	3 = Vocational, trade, technical, or business school		
	4 = Other school		
	5 = Employer (private or government)		
	6 = Private business or company		
	7 = Government agency		
	8 = Other non-school		
	9 = No response		
A-S45C	Character*001 .	(0380:0380)	A-S36=1
Is ... attending (business, vocational, or technical) classes full time or part time?			
	-1 = Out of universe		
	1 = Full time		
	2 = Part time		
	3 = Correspondence school		
	9 = No response		
A-S45D	Character*001 .	(0381:0381)	A-S36=1
What is ...'s main reason for taking the (business, vocational, technical, or correspondence) courses?			
	-1 = Out of universe		
	1 = To improve or keep up in current job or occupation		
	2 = To train for new job or occupation		
	3 = For non-job related reasons		
	9 = No response		
<b>Adult's Supplement Allocated Items</b>			
A%S30	Character*001 .	(0382:0382)	
Is ... attending or enrolled in regular school?			
	0 = Not allocated		
	1 = Allocated		

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
A%S31	Character*001 .	(0383:0383)	
	Is ... enrolled in public or private school?		
	0 = Not allocated		
	1 = Allocated		
A%S32	Character*001 .	(0384:0384)	
	What grade or year is ... attending ?		
	0 = Not allocated		
	1 = Allocated		
A%S33	Character*001 .	(0385:0385)	
	Is ... attending college full-time or part-time ?		
	0 = Not allocated		
	1 = Allocated		
A%S34	Character*001 .	(0386:0386)	
	Is this a two-year college or a four-year college or university ?		
	0 = Not allocated		
	1 = Allocated		
A%S36	Character*001 .	(0387:0387)	
	Excluding (regular college courses and) on the job training, is ... taking any business, vocational, technical, secretarial, trade or correspondence courses ?		
	0 = Not allocated		
	1 = Allocated		
A%S37	Character*001 .	(0388:0388)	
	Was ... attending or enrolled in a regular school or college in October 1989, that is, October of last year ?		
	0 = Not allocated		
	1 = Allocated		
A%S42	Character*001 .	(0389:0389)	
	In what calendar year did ... last attend regular school ?		
	0 = Not allocated		
	1 = Allocated		
A%S43	Character*001 .	(0390:0390)	
	In what calendar year did ... complete high school ?		
	0 = Not allocated		
	1 = Allocated		

Adults Final Supplement Weight

A-SUPWGT	Character*009 .	(0391:0399)	Age = 16+ <sup>1</sup>
	Adults final supplement weight (2 implied decimal places)		
Padding		(0400:0428)	

1. Note: For producing weighted tallies of individuals less than 16 years old, use A-FNLWGT (found in location 0248:0255)

## ATTACHMENT 10

Current Population Survey  
October 1990 Children's Supplement Record Layout

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
Padding		(0361:0399)	
C-S46 Interviewer check item	Character*001 .	(0400:0400)	All persons less than 15 years old
-1 = Out of universe			
1 = 0 to 2			
2 = 3 to 14			
C-S47 Is ... attending or enrolled in school ?	Character*001 .	(0401:0401)	A-S46=2
-1 = Out of universe			
1 = Yes			
2 = No			
C-S48 Is ... enrolled in public or private school ?	Character*001 .	(0402:0402)	A-S47=1
-1 = Out of universe			
1 = Public			
2 = Private			
C-S49 What grade or year is ... attending ?	Character*002 .	(0403:0404)	A-S47=1
-1 = Out of universe			
1 = Nursery - full day			
2 = Nursery - part day			
3 = Kindergarten - full day			
4 = Kindergarten - part day			
5-12 = Elementary - 1st to 8th grades			
13-16 = High school - 9th to 12th grades			
C-S50 How many days per week does ... attend nursery school?	Character*001 .	(0405:0405)	A-S49=1 or 2
-1 = Out of universe			
1 = One			
2 = Two			
3 = Three			
4 = Four			
5 = Five or more			
9 = No response			
C-S51A What was the most important reason for selecting the school that ... is attending? (first)	Character*001 .	(0406:0406)	A-S49=1 or 2
-1 = Out of universe			
1 = School hours			
2 = Cost			
3 = Convenient location			
4 = Educational program			
5 = Being with other children			
6 = Class size (children per teacher)			

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
7 = School atmosphere 8 = Other 9 = No response			
C-S51B What was the most important reason for selecting the school that ... is attending? (second)	Character*001 .	(0407:0407)	A-S49=1 or 2
-1 = Out of universe 1 = School hours 2 = Cost 3 = Convenient location 4 = Educational program 5 = Being with other children 6 = Class size (children per teacher) 7 = School atmosphere 8 = Other 9 = No response			
C-S52A While ... is at school what is (are) ...'s parent's doing most of the time? (female guardian)	Character*001 .	(0408:0408)	A-S49=1 or 2
-1 = Out of universe 1 = At work 2 = At home 3 = Attending school 4 = Something else 9 = No response			
C-S52B While ... is at school what is (are) ...'s parent's doing most of the time? (male guardian)	Character*001 .	(0409:0409)	A-S49=1 or 2
-1 = Out of universe 1 = At work 2 = At home 3 = Attending school 4 = Something else 9 = No response			
C-S53 Check item	Character*001 .	(0410:0410)	All persons 3-14 years old
-1 = Out of universe 1 = Yes, child is 3 - 5 yrs old 2 = No			
C-S54A In the past week have you or someone in your family done the following things with ... ? If so, about how many times would you say? (Read to ...)	Character*001 .	(0411:0411)	All persons 3-5 years old
-1 = Out of universe 1 = No 2 = Yes - 1 to 2 times 3 = Yes - 3+ times 9 = No response			



<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
<p>C-S54B</p> <p>In the past week have you or someone in your family done the following things with ... ? If so, about how many times would you say? (Taught letters, words, or numbers ...)</p> <p>-1 = Out of universe 1 = No 2 = Yes - 1 to 2 times 3 = Yes - 3+ times 9 = No response</p>	Character*001 .	(0412:0412)	All persons 3-5 years old
<p>C-S54C</p> <p>In the past week have you or someone in your family done the following things with ... ? If so, about how many times would you say? (Taught songs or music ...)</p> <p>-1 = Out of universe 1 = No 2 = Yes - 1 to 2 times 3 = Yes - 3+ times 9 = No response</p>	Character*001 .	(0413:0413)	All persons 3-5 years old
<p>C-S54D</p> <p>In the past week have you or someone in your family done the following things with ... ? If so, about how many times would you say? (Did arts and crafts ...)</p> <p>-1 = Out of universe 1 = No 2 = Yes - 1 to 2 times 3 = Yes - 3+ times 9 = No response</p>	Character*001 .	(0414:0414)	All persons 3-5 years old
<p>C-S54E</p> <p>In the past week have you or someone in your family done the following things with ... ? If so, about how many times would you say? (Played games or sports ...)</p> <p>-1 = Out of universe 1 = No 2 = Yes - 1 to 2 times 3 = Yes - 3+ times 9 = No response</p>	Character*001 .	(0415:0415)	All persons 3-5 years old
<p>C-S54F</p> <p>In the past week have you or someone in your family done the following things with ... ? If so, about how many times would you say? (Watched educational television ...)</p> <p>-1 = Out of universe 1 = No 2 = Yes - 1 to 2 times 3 = Yes - 3+ times 9 = No response</p>	Character*001 .	(0416:0416)	All persons 3-5 years old


<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
<p>C-S55A</p> <p>In the past month or past year, have you or someone in your family done the following things with ... ? (Visited a library)</p> <p>-1 = Out of universe 1 = Month 2 = Year 3 = No 9 = No response</p>	Character*001 .	(0417:0417)	All persons 3-5 years old
<p>C-S55B</p> <p>In the past month or past year, have you or someone in your family done the following things with ... ? (Gone to the movie)</p> <p>-1 = Out of universe 1 = Month 2 = Year 3 = No 9 = No response</p>	Character*001 .	(0418:0418)	All persons 3-5 years old
<p>C-S55C</p> <p>In the past month or past year, have you or someone in your family done the following things with ... ? (Gone to a play, concert, or other live show)</p> <p>-1 = Out of universe 1 = Month 2 = Year 3 = No 9 = No response</p>	Character*001 .	(0419:0419)	All persons 3-5 years old
<p>C-S55D</p> <p>In the past month or past year, have you or someone in your family done the following things with ... ? (Visited an art gallery, museum, or historical site)</p> <p>-1 = Out of universe 1 = Month 2 = Year 3 = No 9 = No response</p>	Character*001 .	(0420:0420)	All persons 3-5 years old
<p>C-S55E</p> <p>In the past month or past year, have you or someone in your family done the following things with ... ? (Visited a zoo or aquarium)</p> <p>-1 = Out of universe 1 = Month 2 = Year 3 = No 9 = No response</p>	Character*001 .	(0421:0421)	All persons 3-5 years old

<u>Data</u>	<u>Size</u>	<u>Begin:end</u>	<u>Universe</u>
C-S55F In the past month or past year, have you or someone in your family done the following things with ... ? (Visited a playground or park)	Character*001 .	(0422:0422)	All persons 3-5 years old
-1 = Out of universe			
1 = Month			
2 = Year			
3 = No			
9 = No response			
Children's Supplement Allocated Items.			
C%S47 Allocation of item 47 Is ... attending or enrolled in school?	Character*001 .	(0423:0423)	
0 = Not Allocated			
1 = Allocated			
C%S48 Allocation of item 48 Is ... enrolled in a public or private school?	Character*001 .	(0424:0424)	
0 = Not Allocated			
1 = Allocated			
C%S49 Allocation of item 49 What grade or year is ... attending?	Character*001 .	(0425:0425)	
0 = Not Allocated			
1 = Allocated			
Padding		(0426:0428)	



# ATTACHMENT 11

## Questionnaire Facsimile

<b>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>  U.S. DEPARTMENT OF COMMERCE Bureau of the Census <b>CURRENT POPULATION SURVEY</b> <i>Form Approved - O.M.B. No. 1220-0100 - Expires 11-30-91</i>	<b>CONTROL NUMBER</b>
		Form Approved - O.M.B. No. 1220-0100 - Expires 11-30-91 Form No. 26.1-1 PSU                      SEGMENT                      SERIAL

**LINE NO. OF H'HOLD RESP.** \_\_\_\_\_

**NON H'HOLD RESPONDENT** .....   
*(Specify and Send Intercomm for interviewed household)*

---

**INTERVIEW**

ANY ENTRY OTHER THAN NEVER WORKED IN ITEMS Yes   
 NEVER WORKED IN ITEMS No   
 Z3A-E in this CPS-1 ..... / No

**NONINTERVIEW**

TYPE A .....   
 TYPE B .....   
 TYPE C .....

*(SEND INTER COMM FOR TYPE A AND C)*

# CURRENT

**TELEPHONE HOLD**  
*(Mark this box for office "telephone hold" cases only)*

# POPULATION

# SURVEY

OCTOBER 1990

FILL TRANSCRIPTION ITEMS 18A-K IN ALL HOUSEHOLDS.

**FIRST CHILD**

18A. LINE NO.	18B. RELATIONSHIP TO REF. PERS.	18C. PAR'S LINE NO.	18D. AGE	18G1. SEX Male... Female...	18K. ORIGIN	53. CHECK ITEM Child is 3-5 years old	54. In the past week have you or someone in your family done the following things with...? If so, about how many times would you say? (Read activities. Answer each question.)	55. In the past month or past year, have you or someone in your family done the following things with...? (Read each activity separately. Ask for the past year if response to month is "No.")
	Nat'l/Ad' Child 05 Step Child... 06 Grandchild... 07 Brother/Sister 09 Other Rel of ref. person 10 Foster Child... 11 Non-rel or Ref. Person WITH OWN rel in H'hd... 12 Non-rel or Ref. Person with NO OWN rel in H'hd 14			18J. RACE White... Black... Amer. Ind. Aleut, Eskimo Asian or Pac. Isl. Other...		Yes (Ask 54) No (End questions)	How many times? No Yes 1-2 3+	Month Year No
46. CHECK ITEM	0 to 2 (Go to next child) 3 to 14 (Ask 47)			51. What was the most important reason for selecting the school that... is attending? Please report the first and second most important. I'll read the list. (Read list. Mark 1 in each column.)	First Second			
47. Is... attending or enrolled in school?	Yes (Ask 48) No (Go to 53)			School hours... Cost... Convenient location... Educational program... Being with other children... Class size (children per teacher)... School atmosphere... Other...				
48. Is... enrolled in a public or private school?	Public Private (Include parochial)			52. While... is at school what is (are)... parent(s) doing most of the time? (Read categories. Ask for each parent separately.)	Mother Father (Female (Male guardian) guardian)			
49. What grade or year is... attending? (If nursery or kindergarten, ask if full-day or part-day.)	Nursery (Pre-school, Full-day) (Ask 50) Pre-kindergarten Part-day Kindergarten Full-day Part-day Elementary High school 1 2 3 4 5 6 7 8 9 10 11 12			At work At home Attending school Something else.				
50. How many days per week does... attend nursery school?	1 2 3 4 5 or more							

**FIRST ARMED FORCES MEMBER**  
(Fill only in interview household for persons with "AF" in CC item 22.)

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERS.	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS
	Ref. Person WITH rel in H'hd 01 Ref. person with NO rel in H'hd 02 Husband... 03 Wife 04 Natural/Adopted Child... 05 Step Child... 06 Grandchild... 07 Parent 08 Brother/Sister 09 Other Rel. or ref. person 10 Foster Child... 11 Non-rel. or Ref. Person WITH OWN rel in H'hd 12 Partner/Roommate with NO OWN rel in H'hd 14			Married-spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married
18F. SPOUSE'S LINE NO.	18G1. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE White Black Amer. Indian, Aleut, Eskimo Asian or Pac. Isl. Other
		Yes No	Yes No	

**SECOND CHILD**

18A. LINE NO.	18B. RELATIONSHIP TO REF. PERS.	18C. PAR'S LINE NO.	18D. AGE	18G1. SEX Male... Female...	18K. ORIGIN	53. CHECK ITEM Child is 3-5 years old	54. In the past week have you or someone in your family done the following things with...? If so, about how many times would you say? (Read activities. Answer each question.)	55. In the past month or past year, have you or someone in your family done the following things with...? (Read each activity separately. Ask for the past year if response to month is "No.")
	Nat'l/Ad' Child 05 Step Child... 06 Grandchild... 07 Brother/Sister 09 Other Rel of ref. person 10 Foster Child... 11 Non-rel or Ref. Person WITH OWN rel in H'hd... 12 Non-rel or Ref. Person with NO OWN rel in H'hd 14			18J. RACE White... Black... Amer. Ind. Aleut, Eskimo Asian or Pac. Isl. Other...		Yes (Ask 54) No (End questions)	How many times? No Yes 1-2 3+	Month Year No
46. CHECK ITEM	0 to 2 (Go to next child) 3 to 14 (Ask 47)			51. What was the most important reason for selecting the school that... is attending? Please report the first and second most important. I'll read the list. (Read list. Mark 1 in each column.)	First Second			
47. Is... attending or enrolled in school?	Yes (Ask 48) No (Go to 53)			School hours... Cost... Convenient location... Educational program... Being with other children... Class size (children per teacher)... School atmosphere... Other...				
48. Is... enrolled in a public or private school?	Public Private (Include parochial)			52. While... is at school what is (are)... parent(s) doing most of the time? (Read categories. Ask for each parent separately.)	Mother Father (Female (Male guardian) guardian)			
49. What grade or year is... attending? (If nursery or kindergarten, ask if full-day or part-day.)	Nursery (Pre-school, Full-day) (Ask 50) Pre-kindergarten Part-day Kindergarten Full-day Part-day Elementary High school 1 2 3 4 5 6 7 8 9 10 11 12			At work At home Attending school Something else.				
50. How many days per week does... attend nursery school?	1 2 3 4 5 or more							

**SECOND ARMED FORCES MEMBER**  
(If more than 2 AF persons in household, use continuation CPS-1 document.)

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERS.	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS
	Ref. Person WITH rel in H'hd 01 Ref. person with NO rel in H'hd 02 Husband... 03 Wife 04 Natural/Adopted Child... 05 Step Child... 06 Grandchild... 07 Parent 08 Brother/Sister 09 Other Rel. or ref. person 10 Foster Child... 11 Non-rel. or Ref. Person WITH OWN rel in H'hd 12 Partner/Roommate with NO OWN rel in H'hd 14			Married-spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married
18F. SPOUSE'S LINE NO.	18G1. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE White Black Amer. Indian, Aleut, Eskimo Asian or Pac. Isl. Other
		Yes No	Yes No	

OCTOBER 1990 U.S. Department of Commerce BUREAU OF THE CENSUS  <b>CURRENT POPULATION SURVEY</b> FORM CPS-1		<b>1. CHECK ITEM</b> Only CPS-1 for household... First CPS-1 of continuation h'hold... Second CPS-1 of continuation h'hold... Third, fourth, etc. CPS-1...		<b>2.</b> (Fill all applicable items on this page) (Transcribe items 2-13 from first CPS-1)		<b>3. CONTROL NUMBER</b>									
MONTH: . . . . . YEAR: . . . . .		<b>4. TYPE OF LIVING QUARTERS</b>		<b>5a. LAND USAGE</b> Urban <input type="checkbox"/> Rural (Fill 5b) <input checked="" type="checkbox"/>		<b>6. PSU NO.</b>		<b>7. SEGMENT NO.</b>		<b>8. SERIAL NO.</b>		<b>9. HOUSEHOLD NO.</b>			
<b>10. FIELD REPRESENTATIVE CODE</b> A B C D E F G H J K L M		<b>HOUSING UNIT</b> House, apartment, flat . . . . . 1 HU in nontransient hotel, motel, etc. . . . . 2 HU, permanent, in transient hotel, motel, etc. . . . . 3 HU in rooming house . . . . . 4 Mobile home or trailer with no permanent room added . . . . . 5 Mobile home or trailer with one or more permanent rooms added . . . . . 6 HU not specified above (Describe below) . . . . . 7		<b>OTHER UNIT</b> Quarters not HU in rooming or boarding house . . . . . 8 Unit not permanent in transient hotel, motel, etc. . . . . 9 Tent site or trailer site . . . . . 10 Student quarters in college dormitory . . . . . 11 Other not HU (Describe below) 12		<b>5b. FARM SALES</b> \$1000 or more (Yes) <input type="checkbox"/> Less than \$1000 (No) <input checked="" type="checkbox"/>		. . . . .		. . . . .		. . . . .		. . . . .	
<b>11. DAY COMPLETED</b> S M T W T H F S		Alter interview week <input type="checkbox"/>		<b>12. LINE NO. OF H'HOOLD RESP.</b> Non. h'hold. reso. (Specify) <input type="checkbox"/> (Send Inter Comm Interviewed Households Only)		<b>13. TYPE INTERVIEW</b> Noninterview <input type="checkbox"/> Personal <input type="checkbox"/> Tel. - regular <input type="checkbox"/> Tel. - callback <input type="checkbox"/> ICR filled <input type="checkbox"/>		<b>14. (Mark reason and race.)</b>		<b>15.</b>		<b>16. SEASONAL STATUS</b>		<b>17. This unit is intended for occupancy:</b>	
<b>13A. CHECK ITEM</b> Telephone Hold (Fill circle for office "telephone hold" cases only)		<b>REASON</b> No one home <input type="checkbox"/> Temporarily absent <input type="checkbox"/> Refused <input type="checkbox"/> Other - Occ. (Describe below) <input type="checkbox"/>		<b>RACE</b> White <input type="checkbox"/> Black <input type="checkbox"/> All other <input type="checkbox"/>		Vacant - regular <input type="checkbox"/> Vacant - storage of h'hold furniture <input type="checkbox"/> Temp. occ. by persons with URE <input type="checkbox"/> Unfit or to be demolished <input type="checkbox"/> Under construction, not ready to temp. business or storage <input type="checkbox"/> Occ. by Armed Force members or persons under 15 <input type="checkbox"/> Unoccupied tent site or trailer site Permit granted, construction not started <input type="checkbox"/> Other (Specify below) <input type="checkbox"/>		Demolished <input type="checkbox"/> House or trailer moved <input type="checkbox"/> Outside segment <input type="checkbox"/> Converted to permanent business or storage <input type="checkbox"/> Merged <input type="checkbox"/> Condemned <input type="checkbox"/> Built after April 1, 1980 <input type="checkbox"/> Unused line of listing sheet <input type="checkbox"/> Other (Describe below) <input type="checkbox"/>		Year round <input type="checkbox"/> By migratory workers <input type="checkbox"/> Seasonally <input type="checkbox"/>		Summers only <input type="checkbox"/> Winters only <input type="checkbox"/> Other (Describe below) <input type="checkbox"/>		(Fill HVS if HU in Item 4) (Fill Item 17 below if HU in Item 4) (Transcribe as instructed on back of Control Card)	
<b>27A. TENURE</b> (Transcribe from cc item 10) Owned or being bought <input type="checkbox"/> Rented <input type="checkbox"/> No cash rent <input type="checkbox"/>		<b>28. HOUSEHOLD STATUS CHANGE</b> Is this a replacement household this month? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<b>29A. Telephone in Household</b> (Transcribe from C.C. item 27a) Yes (Skip to 29c) <input type="checkbox"/> No (Fill 29b) <input type="checkbox"/>		<b>29B. Telephone Available</b> (Transcribe from C.C. item 27b) Yes (Fill 29c) <input checked="" type="checkbox"/> No (Skip to 30) <input type="checkbox"/>		<b>29C. Telephone Interview Acceptable</b> (Transcribe from C.C. item 27c) Yes <input type="checkbox"/> No (Fill 30) <input type="checkbox"/>		<b>28. TOTAL FAMILY INCOME</b> (Transcribe from cc item 29) 01 - 05 - 09 - 13 - 02 - 06 - 10 - 14 - 03 - 07 - 11 - 04 - 08 - 12 - 29 -		<b>REMINDER</b> Fill items 18A-18K on pages 2, 5, 7, 9, and 11.		<b>NOTES:</b>	
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<b>27A. TENURE</b> (Transcribe from cc item 10) Owned or being bought <input type="checkbox"/> Rented															

**18. LINE NUMBER**

**19. 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 ... LK  
 Looking for work ... LK  
 Keeping house ... H  
 Going to school ... S  
 Unable to work (Skip to 24) ... U  
 Retired ... R  
 Other (Specify) ... OT

**20. Did ... do any work at all LAST WEEK, not counting work around the house?**  
 (Note: If farm or business operator in hh., ask about unpaid work.)  
 Yes  No  (Go to 21)

**20A. How many hours did ... work LAST WEEK at all jobs?**  
 49 (Skip to Item 23)  
 1-34 (Go to 20C)  
 35-48 (Go to 20D)

**20B. CHECK ITEM**  
 49 (Skip to Item 23)  
 1-34 (Go to 20C)  
 35-48 (Go to 20D)

**20C. 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)

**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?  
 No   
 (Correct 20A if last time not already deducted; if 20A reduced below 35, correct 20B and fill 20C)  
 (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)  
 (Skip to 23)

**21. (If 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  
 Temporary layoff (Under 30 days)  
 Indefinite layoff (30 days or more or no def. recall date)  
 Other (Specify)

**21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK?**  
 Yes  No   
 (Skip to 23 and enter job held last week)

**21C. Does ... usually work 35 hours or more a week at this job?**  
 Yes  No   
 (Skip to 23)

**22. (If LK in 19, skip to 23A.) 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  
 Friends or relatives  
 Placed or answered ads  
 Nothing (Skip to 24)  
 Other (Specify in notes, e.g., ITPA, union or oral 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?**  
 2) How many weeks ago did ... start looking for work?  
 3) How many weeks ago was ... laid off?

**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.")

**23. DESCRIPTION OF JOB OR BUSINESS**  
 23A. For whom did ... work? (Name of company, business, organization or other employer.)  
 23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)  
 23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)  
 23D. 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  
 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  SE  
 Working WITHOUT PAY in fam. bus. or farm ... WP  
 NEVER WORKED ... NEV

**23F. CHECK ITEM**  
 Entry (or NA) in item 20A (Go to 25)  
 Entry (or NA) in item 21B (Go to 25 at top of page)  
 All other cases (Skip to 26)

**24. CHECK ITEM (Rotation number)**  
 First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (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  
 3 up to 4 years ago  
 4 up to 5 years ago  
 5 or more years ago  
 Never worked (Skip to 24C)

**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   
 Maybe - it depends (Specify in notes)  
 No   
 Don't know (Skip to 24E)

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

**25. CHECK ITEM (Rotation number)**  
 First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (Go to 25A)

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

**25B. Is ... paid by the hour on this job?**  
 Yes  No  (Go to 25C)

**25C. How much Dollars Cents does ... earn per hour?**

**25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received.**

**25E. On this job, is ... a member of a labor union or of an employee association similar to a union?**  
 Yes  No  (Skip to 26)  
 No  (Ask 25F)

**25F. On this job, is ... covered by a union or employee association contract?**  
 Yes  No  (Go to 26)

**INDUSTRY OCCUPATION**  
 OFFICE  
 UNEMPLOYED  
 ONLY



18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON Ref. Person WITH rel. in H'hd. . . . . 01 Ref. person with NO rel. in H'hd. . . . . 02 Husband . . . . . 03 Wife . . . . . 04 Natural/Adopted Child . . . . . 05 Step Child . . . . . 06 Grandchild . . . . . 07 Parent . . . . . 08 Brother/Sister . . . . . 09 Other Rel. of Ref. Person . . . . . 10 Foster Child . . . . . 11 Non-rel. of Ref. Person WITH OWN rel. in H'hd. . . . . 12 Partner/Roommate . . . . . 13 Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hd. . . . . 14	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS Married—spouse present Married—spouse absent (Exclude separated) Widowed Divorced Separated Never married	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male Female <input checked="" type="checkbox"/>	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED Yes No	18J. RACE White Black Amer. Indian, Aleut, Eskimo Asian or Pacific Isl. Other	18K. ORIGIN
26. CHECK ITEM (Transcribe from control card item 18) This person is 16–24 years of age (Ask 26A) All others (Skip to 26C)		33. Is . . . attending college full-time or part-time? Full time Part time		40. CHECK ITEM Age 15–24 (Fill 41) Age 25+ (GO to 45)		45A. CHECK ITEM (If answer to item 36 is "Yes", ask 45B) (If answer to item 36 is "No", end questions)				
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 (Skip to 26C) High school . . . . . (Ask 26B) College or Univ. . . . .		34. Is this a two-year college or a four-year college or university? 2-year college <input checked="" type="checkbox"/> (community or junior college) 4-year college or university . . . . .		41. CHECK ITEM High School Graduate (entries of "12" and "Yes" in CC items 23a and 23b OR entry of "21–25" in CC item 23a) . . . . . (SKIP to 43) Not High School graduate . . . . . (ASK 42)		45B. Who provides the instruction for the business, vocational, technical, or correspondence course(s)? 2-year college (community or junior college) 4-year college or university Vocational, trade, technical, or business school Other school . . . . . Employer (private or government) Private business or company Government agency Other non-school . . . . .				
26B. Is . . . enrolled in school as a full-time or part-time student? Full time Part time (Fill 26C)		35. What degree or certificate is . . . currently working toward? Associate degree (AA) Occupational General Arts and Sciences Bachelor's Master's Doctorate (PhD) Professional MD, DDS, DVM, Law, etc. Other License, Diploma, or Certificate . . . . . Not working towards a degree (just taking courses for job, or own use) . . . . .		42. In what calendar year did . . . last attend regular school? 1990 . . . . . 1989 or before (Skip to 44) Never attended		45C. Is . . . attending (business, vocational, or technical) classes full time or part time? Full time . . . . . Part time . . . . . Correspondence school . . . . .				
26C. CHECK ITEM Who responded to the labor force items for this person? Self Other Self/Other <input checked="" type="checkbox"/>		36. NOTE: For persons enrolled in college (21–26 in item 32) read the parenthetical phrases. Excluding (regular college courses and) on the job training, is . . . taking any business, vocational, technical, secretarial, trade or correspondence courses? Yes No		43. In what calendar year did . . . complete high school? 1990 . . . . . 1989 or before		45D. What is . . . 's main reason for taking the (business, vocational, technical, or correspondence) course(s)? To improve or keep up in current job or occupation . . . . . To train for new job or occupation . . . . . For non-job-related reasons . . . . .				
REMEMBER: ASK THE LABOR FORCE QUESTIONS FOR ALL HOUSEHOLD MEMBERS 15+ YEARS OLD BEFORE ASKING THE SUPPLEMENT QUESTIONS										
SUPPLEMENT QUESTIONS APPROVED, O.M.B. NO. 0607-0464 EXPIRES 12/90										
30-CK. CHECK ITEM School enrollment status (Transcribe from 26a) Yes No (VERIFY 30) Blank (ASK 30)		37. Was . . . attending or enrolled in a regular school or college in October 1989, that is, October of last year? Yes (ASK 38) No (SKIP to 39)		44. Did . . . complete high school by means of an equivalency test, such as the GED? Yes No <input checked="" type="checkbox"/>		45. CHECK ITEM Who reported for this person? Self Parent Spouse Other relative Nonrelative				
30. Is . . . attending or enrolled in regular school? Yes (ASK 31) No (SKIP to 36)		38. What grade or year was . . . attending last year? Elementary 1 2 3 4 5 6 7 8 High School 9 10 11 12 College 21 22 23 24 25 26		43. In what calendar year did . . . complete high school? 1990 . . . . . 1989 or before		45E. (If this is the last person 15+ years of age in the household, go to page 2 and complete items 46–55 as applicable, for any children 0–14 years old.)				
31. Is . . . enrolled in public or private school? Public Private		39. CHECK ITEM Entry of "1–12" in item 32 . . . (GO to 45) All others . . . . . (Fill 40)		44. Did . . . complete high school by means of an equivalency test, such as the GED? Yes No <input checked="" type="checkbox"/>						
32. What grade or year is . . . attending? Elementary 1 2 3 4 5 6 7 8 High School 9 10 11 12 (GO to 37) College 21 22 23 24 25 26 (If entry in 26b SKIP TO item 34, OTHERWISE, ask item 33)				45. CHECK ITEM Who reported for this person? Self Parent Spouse Other relative Nonrelative						

**18. LINE NUMBER**

**19. 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 ... K  
Keeping house ... H  
Going to school ... S  
Unable to work (Skip to 24) ... U  
Retired ... R  
Other (Specify) ... OT

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

Yes  No  (Go to 21)

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

49 (Skip to item 23)  
1-34 (Go to 20C)  
35-48 (Go to 20D)

**20B. CHECK ITEM**

49 (Skip to item 23)  
1-34 (Go to 20C)  
35-48 (Go to 20D)

**20C. 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)

**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 lost time not already deducted; if 20A reduced below 35, correct 20B and fill 20C)  
No

**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)

**21. (If 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  
Temporary layoff (Under 30 days)  
Indefinite layoff (30 days or more or no def. recall date)  
Other (Specify)

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

Yes  No  (Skip to 23 and enter job held last week)

**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 with: pub. emplov. agency, pvt. emplov. agency, employer directly, friends or relatives, Places or answered ads., Nothing (Skip to 24), Other (Specify in notes, e.g., TPA, 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) How many weeks ago did ... start looking for work?

3) How many weeks ago was ... laid off?

**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.")

**23. DESCRIPTION OF JOB OR BUSINESS**

23A. For whom did ... work? (Name of company, business, organization or other employer.)

23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)

23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)

23D. 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. INDUSTRY**

**23F. OCCUPATION**

**23G. USE ONLY**

Ref.  Unc.

**24. CHECK ITEM (Rotation number)**

First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (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  
Never worked (Skip to 24C)

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

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

Relieves no work available in line or 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  No  It depends (Specify in notes) (If entry in 24B, describe job in 23, otherwise, skip to 26)

**25. CHECK ITEM (Rotation number)**

First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (Go to 25A)

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

**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. How much does ... USUALLY earn per week at this job BEFORE deductions? (Include any overtime pay, commissions, or tips usually received.)** \$  REF

**25E. 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  No  (Go to 26)

**23F. 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)

**23F. 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  SE  (Skip to 26)

Working WITHOUT PAY in fam. bus. or farm ... WP   
NEVER WORKED ... NEV

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON				18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	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 Korean War World War II World War I Other Service Nonveteran	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED Yes <input type="checkbox"/> No <input type="checkbox"/>	18J. RACE White <input type="checkbox"/> Black <input type="checkbox"/> Amer. Indian, Aleut, Eskimo Asian or Pacific Isl. <input type="checkbox"/> Other <input type="checkbox"/>	18K. ORIGIN																			
	Ref. Person WITH rel. in H'ld. . . . . 01	Ref. person with NO rel. in H'ld. . . . . 02	Husband . . . . . 03	Wife . . . . . 04											Natural/Adopted Child . . . . . 05	Step Child . . . . . 06	Grandchild . . . . . 07	Parent . . . . . 08	Brother/Sister . . . . . 09	Other Rel. of Ref. Person . . . . . 10	Foster Child . . . . . 11	Non-rel. of Ref. Person WITH OWN rel. in H'ld. . . . . 12	Partner/Roommate . . . . . 13	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'ld. . . . . 14	None	None	None	None	None	None	None	None	None
26. CHECK ITEM <i>(Transcribe from control card item 18)</i> This person is 16-24 years of age <i>(Ask 26A)</i> All others . . . . . <i>(Skip to 26C)</i>		25A. <i>(If "School" in 19. Verify)</i> LAST WEEK was . . . attending or enrolled in a high school, college, or university? <i>(Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation.)</i> Yes <i>(Verify)</i> No <i>(Skip to 26C)</i> High school . . . . . <i>(Ask 26B)</i> College or Univ. . . . .		26B. Is . . . enrolled in school as a full-time or part-time student? Full time . . . . . <i>(Fill 26C)</i> Part time . . . . .		26C. CHECK ITEM Who responded to the labor force items for this person? Self <input checked="" type="checkbox"/> Other <input type="checkbox"/> Self/Other <input type="checkbox"/>		33. Is . . . attending college full-time or part-time? Full time . . . . . Part time . . . . .		34. Is this a two-year college or a four-year college or university? 2-year college <input checked="" type="checkbox"/> <i>(community or junior college)</i> 4-year college or university.		35. What degree or certificate is . . . currently working toward? Associate degree (AA) Occupational . . . . . General Arts and Sciences . . . . . Bachelor's Master's Doctorate (PHD) Professional Other License, Diploma, or Certificate . . . . . Not working towards a degree (just taking courses for job, or own use) . . . . .		40. CHECK ITEM Age 15-24 <i>(Fill 41)</i> Age 25+ <i>(GO to 43)</i>		41. CHECK ITEM High School Graduate (entries of "12" and "yes" in CC items 23a and 23b OR entry of "21-26" in CC item 23a). <i>(SKIP to 43)</i> Not High School graduate <i>(ASK 42)</i>		42. In what calendar year did . . . last attend regular school? 1990 . . . . . 1989 or before <i>(Skip to 44)</i> Never attended		43. In what calendar year did . . . complete high school? 1990 . . . . . 1989 or before		44. Did . . . complete high school by means of an equivalency test, such as the GED? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		45. CHECK ITEM Who reported for this person? Self . . . . . Parent . . . . . Spouse . . . . . Other relative Nonrelative . . . . .		45A. CHECK ITEM <i>(If answer to item 36 is "Yes", ask 45B)</i> <i>(If answer to item 36 is "No", end questions)</i>		45B. Who provides the instruction for the business, vocational, technical, or correspondence course(s)? 2-year college <i>(community or junior college)</i> 4-year college or university . . . . . Vocational, trade, technical, or business school . . . . . Other school . . . . . Employer (private or government) Private business or company. Government agency Other non-school.		45C. Is . . . attending (business, vocational, or technical) courses full time or part time? Full time . . . . . Part time . . . . . Correspondence school . . . . .		45D. What is . . . 's main reason for taking the (business, vocational, technical, or correspondence) course(s)? To improve or keep up on current job or occupation . . . . . To train for new job or occupation . . . . . For non-job-related reasons	
REMEMBER: ASK THE LABOR FORCE QUESTIONS FOR ALL HOUSEHOLD MEMBERS 15+ YEARS OLD BEFORE ASKING THE SUPPLEMENT QUESTIONS																																	
SUPPLEMENT QUESTIONS APPROVED, O.M.B. NO. 0607-0464 EXPIRES 12/90																																	
30-CK. CHECK ITEM School enrollment status <i>(Transcribe from 26a)</i> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>(VERIFY 30i)</i> Blank <i>(ASK 30)</i>		36. NOTE: For persons enrolled in college (21-26 in item 32) read the parenthetical phrases. Excluding (regular college courses and) on the job training, is . . . taking any business, vocational, technical, secretarial, trade or correspondence courses? Yes <input type="checkbox"/> No <input type="checkbox"/>		37. Was . . . attending or enrolled in a regular school or college in October 1989, that is, October of last year? Yes <input checked="" type="checkbox"/> <i>(ASK 38)</i> No <input type="checkbox"/> <i>(SKIP to 39)</i>		38. What grade or year was . . . attending last year? Elementary 1 2 3 4 5 6 7 8 High School 9 10 11 12 College 21 22 23 24 25 26		39. CHECK ITEM Entry of "1-12" in item 32 . . . <input type="checkbox"/> <i>(GO to 45)</i> All others . . . . . <input type="checkbox"/> <i>(Fill 40)</i>		30. Is . . . attending or enrolled in regular school? Yes <input checked="" type="checkbox"/> <i>(ASK 31)</i> No <input type="checkbox"/> <i>(SKIP to 36)</i>		31. Is . . . enrolled in public or private school? Public <input type="checkbox"/> Private <input type="checkbox"/>		32. What grade or year is . . . attending? Elementary 1 2 3 4 5 6 7 8 High School 9 10 11 12 <i>(GO to 37)</i> College 21 22 23 24 25 26 <i>(If entry in 26b SKIP TO item 34. OTHERWISE, ask item 33)</i>		45E. If this is the last person 15+ years of age in the household, go to page 2 and complete items 46-55 as applicable, for any children 0-14 years old.																	

<p>18. LINE NUMBER</p> <p>19. What was ... doing most of LAST WEEK -</p> <p>Working <input checked="" type="checkbox"/> Working</p> <p>Keeping house <input type="checkbox"/> Keeping house</p> <p>Going to school or something else? <input type="checkbox"/> Going to school</p> <p>Working (Skip to 20A) ... WK</p> <p>With a job but not at work ... J</p> <p>Looking for work ... LK</p> <p>Keeping house ... K</p> <p>Going to school ... S</p> <p>Unable to work (Skip to 24) ... U</p> <p>Retired ... R</p> <p>Other (Specify) ... OT</p>	<p>20. Did ... do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator in hh... ask about unpaid work.)</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Go to 21)</p> <p>20A. How many hours did ... work LAST WEEK at all jobs?</p> <p>20B. CHECK ITEM</p> <p>49+ (Skip to item 23)</p> <p>1-34 (Go to 20C)</p> <p>35-48 (Go to 20D)</p> <p>20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> How many hours did ... take off?</p> <p>(Correct 20A if lost time not already deducted; if 20A reduced below 35, correct 20B and fill 20C)</p> <p>20E. Did ... work any overtime or at more than one job LAST WEEK?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> How many extra hours did ... work?</p> <p>(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)</p> <p>(Skip to 23)</p>	<p>21. (If 1 in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 22)</p> <p>21A. Why was ... absent from work LAST WEEK?</p> <p>Own illness ... <input type="checkbox"/></p> <p>On vacation ... <input type="checkbox"/></p> <p>Bad weather ... <input checked="" type="checkbox"/></p> <p>Labor dispute ... <input type="checkbox"/></p> <p>New job to begin within 30 days (Skip to 22B and 22C2)</p> <p>Temporary layoff (Under 30 days)</p> <p>Indefinite layoff (30 days or more or no def. recall date) (Skip to 22C3)</p> <p>Other (Specify) ...</p> <p>21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>21C. Does ... usually work 35 hours or more a week at this job?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Skip to 23 and enter job held last week)</p>	<p>22. (If LK in 19, skip to 22A.) Has ... been looking for work during the last 4 weeks?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Go to 24)</p> <p>22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)</p> <p>Checked pub. employ. agency with - <input type="checkbox"/> dtv. employ. agency</p> <p>employer directly ... <input type="checkbox"/> friends or relatives <input type="checkbox"/></p> <p>Placed or answered ads ... <input type="checkbox"/> Nothing (Skip to 24) <input type="checkbox"/></p> <p>Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) <input type="checkbox"/></p> <p>22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason?</p> <ul style="list-style-type: none"> <li>Lost job <input type="checkbox"/></li> <li>Quit job <input type="checkbox"/></li> <li>Left school <input type="checkbox"/></li> <li>Wanted temporary work <input type="checkbox"/></li> <li>Change in home or family responsibilities <input type="checkbox"/></li> <li>Left military service <input type="checkbox"/></li> <li>Other (Specify in notes) <input type="checkbox"/></li> </ul> <p>22C. 1) How many weeks has ... been looking for work?</p> <p>2) How many weeks ago did ... start looking for work?</p> <p>3) How many weeks ago was ... laid off?</p> <p>22D. Has ... been looking for full-time or part-time work?</p> <p>Full <input checked="" type="checkbox"/> Part <input type="checkbox"/></p> <p>22E. Could ... have taken a job LAST WEEK if one had been offered?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Why not?</p> <p>Already has a job ... <input type="checkbox"/></p> <p>Temporary illness ... <input type="checkbox"/></p> <p>Going to school ... <input type="checkbox"/></p> <p>Other (Specify in notes) <input type="checkbox"/></p> <p>22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) ...</p> <p>(Month) _____</p> <p>One to five years ago ... <input type="checkbox"/></p> <p>More than 5 years ago ... <input type="checkbox"/></p> <p>Never worked full-time 2 wks. or more ... <input type="checkbox"/></p> <p>Never worked at all ... <input type="checkbox"/></p> <p>(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.")</p>	<p>24. CHECK ITEM (Rotation number)</p> <p>First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (Go to 24A)</p> <p>24A. When did ... last work for pay at a regular job or business, either full- or part-time?</p> <p>Within past 12 months <input checked="" type="checkbox"/></p> <p>1 up to 2 years ago ... <input type="checkbox"/></p> <p>2 up to 3 years ago ... <input type="checkbox"/> (Go to 24B)</p> <p>3 up to 4 years ago ... <input type="checkbox"/></p> <p>4 up to 5 years ago ... <input type="checkbox"/></p> <p>5 or more years ago ... <input type="checkbox"/> (Skip to 24C)</p> <p>Never worked ... <input type="checkbox"/></p> <p>24B. Why did ... leave that job?</p> <p>Personal, family (incl. pregnancy) or school ... <input type="checkbox"/></p> <p>Health ... <input type="checkbox"/></p> <p>Retirement or old age ... <input type="checkbox"/></p> <p>Seasonal job completed ... <input type="checkbox"/></p> <p>Slack work or business conditions ... <input type="checkbox"/></p> <p>Temporary nonseasonal job completed ... <input type="checkbox"/></p> <p>Unsatisfactory work arrangements (hours, pay, etc.) <input type="checkbox"/></p> <p>Other ... <input type="checkbox"/></p> <p>24C. Does ... want a regular job now, either full- or part-time?</p> <p>Yes <input checked="" type="checkbox"/> Maybe - it depends (Specify in notes) (Go to 24D)</p> <p>No <input type="checkbox"/> Don't know (Skip to 24E)</p> <p>24D. What are the reasons ... it not looking for work? (Mark each reason mentioned)</p> <ul style="list-style-type: none"> <li>Believes no work available in line of work or area <input type="checkbox"/></li> <li>Couldn't find any work <input type="checkbox"/></li> <li>Lacks nec. schooling, training, skills or experience <input type="checkbox"/></li> <li>Employers think too young or too old <input type="checkbox"/></li> <li>Other pers. handicap in finding job <input type="checkbox"/></li> <li>Can't arrange child care <input type="checkbox"/></li> <li>Family responsibilities <input type="checkbox"/></li> <li>In school or other training <input type="checkbox"/></li> <li>Ill health, physical disability <input type="checkbox"/></li> <li>Other (Specify in notes) <input type="checkbox"/></li> <li>Don't know <input type="checkbox"/></li> </ul> <p>24E. Does ... intend to look for work of any kind in the next 12 months?</p> <p>Yes <input checked="" type="checkbox"/> It depends (Specify in notes)</p> <p>No <input type="checkbox"/> Don't know ... <input type="checkbox"/></p> <p>(If entry in 24B, describe job in 23, otherwise, skip to 26)</p>	<p>25. CHECK ITEM (Rotation number)</p> <p>First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (Go to 25A)</p> <p>25A. How many hours per week does ... USUALLY work at this job?</p> <p>25B. Is ... paid by the hour on this job?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Skip to 25D)</p> <p>25C. How much does ... earn per hour?</p> <p>Dollars <input type="text"/> Cents <input type="text"/></p> <p>25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received.</p> <p>\$ <input type="text"/> REF</p> <p>25E. On this job, is ... a member of a labor union or of an employee association similar to a union?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Skip to 26) (Ask 25F)</p> <p>25F. On this job, is ... covered by a union or employee association contract?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 26)</p>
<p>20C. Does ... USUALLY work 35 hours or more a week at this job?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> What is the reason ... worked less than 35 hours LAST WEEK?</p> <p>Slack work <input type="checkbox"/></p> <p>Material shortage ... <input type="checkbox"/></p> <p>Plant or machine repair ... <input type="checkbox"/></p> <p>New job started during week ... <input type="checkbox"/></p> <p>Job terminated during week ... <input type="checkbox"/></p> <p>Could find only part-time work ... <input type="checkbox"/></p> <p>Holiday (Legal or religious) ... <input type="checkbox"/></p> <p>Labor dispute ... <input type="checkbox"/></p> <p>Bad weather ... <input type="checkbox"/></p> <p>Own illness ... <input type="checkbox"/></p> <p>On vacation ... <input type="checkbox"/></p> <p>Too busy with housework, school, personal bus., etc. <input type="checkbox"/></p> <p>Did not want full-time work ... <input type="checkbox"/></p> <p>Full-time work week under 35 hours ... <input type="checkbox"/></p> <p>Other reason (Specify) ... <input type="checkbox"/></p> <p>(Skip to 23 and enter job worked at last week)</p>	<p>INDUSTRY</p> <p>OCCUPATION</p> <p>OFFICE</p> <p>UNSE</p> <p>ONLINE</p> <p>Ref. <input type="checkbox"/> Unc. <input type="checkbox"/></p>	<p>23. DESCRIPTION OF JOB OR BUSINESS</p> <p>23A. For whom did ... work? (Name of company, business, organization or other employer.)</p> <p>23B. What kind of business or industry is this? (For example: TV and radio mg., retail shoe store, State Labor Dept.)</p> <p>23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)</p> <p>23D. 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.)</p>	<p>23E. Was this person An employee of a PRIVATE Co., bus. or individual for wages, salary or comm. ... P</p> <p>A FEDERAL government employee ... F</p> <p>A STATE government employee ... S</p> <p>A LOCAL government employee ... L</p> <p>Self-empl. in OWN bus., prof. practice, or farm <input checked="" type="checkbox"/></p> <p>Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/> SE</p> <p>Working WITHOUT PAY in fam. bus. or farm ... WP</p> <p>NEVER WORKED ... NEV</p> <p>(Go to 23F)</p> <p>(Skip to 26)</p>	<p>23F. CHECK ITEM</p> <p>Entry for NA in item 20A <input type="checkbox"/> (Go to 25 at top of page)</p> <p>Entry for NA in item 21B <input type="checkbox"/></p> <p>All other cases <input type="checkbox"/> (Skip to 26)</p>	<p>23G. Does ... usually work 35 hours or more a week at this job?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> What is the reason ... USUALLY works less than 35 hours a week?</p> <p>(Mark the appropriate reason)</p> <p>Slack work <input type="checkbox"/></p> <p>Material shortage ... <input type="checkbox"/></p> <p>Plant or machine repair ... <input type="checkbox"/></p> <p>New job started during week ... <input type="checkbox"/></p> <p>Job terminated during week ... <input type="checkbox"/></p> <p>Could find only part-time work ... <input type="checkbox"/></p> <p>Holiday (Legal or religious) ... <input type="checkbox"/></p> <p>Labor dispute ... <input type="checkbox"/></p> <p>Bad weather ... <input type="checkbox"/></p> <p>Own illness ... <input type="checkbox"/></p> <p>On vacation ... <input type="checkbox"/></p> <p>Too busy with housework, school, personal bus., etc. <input type="checkbox"/></p> <p>Did not want full-time work ... <input type="checkbox"/></p> <p>Full-time work week under 35 hours ... <input type="checkbox"/></p> <p>Other reason (Specify) ... <input type="checkbox"/></p> <p>(Skip to 23 and enter job worked at last week)</p>

<b>18A. LINE NO.</b>	<b>18B. RELATIONSHIP TO REFERENCE PERSON</b> Ref. Person WITH rel. in H'hd. . . . . 01 Ref. person with NO rel. in H'hd. . . . . 02 Husband . . . . . 03 Wife . . . . . 04 Natural/Adopted Child . . . . . 05 Step Child . . . . . 06 Grandchild . . . . . 07 Parent . . . . . 08 Brother/Sister . . . . . 09 Other Rel. of Ref. Person . . . . . 10 Foster Child . . . . . 11 Non-rel. of Ref. Person WITH OWN rel. in H'hd. . . . . 12 Partner/Roommate . . . . . 13 Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hd. . . . . 14	<b>18C. PAR'S LINE NO.</b> None	<b>18D. AGE</b> <input checked="" type="checkbox"/>	<b>18E. MARITAL STATUS</b> Married—spouse present Married—spouse absent (Exclude separated) Widowed Divorced Separated Never married	<b>18F. SPOUSE'S LINE NUMBER</b> None	<b>18G1. SEX</b> Male <input type="checkbox"/> Female <input checked="" type="checkbox"/> <b>18G2. VETERAN STATUS</b> Veteran <input checked="" type="checkbox"/> Vietnam Era Korean War World War II World War I Other Service Nonveteran	<b>18H. HIGHEST GRADE ATTENDED</b>	<b>18I. GRADE COMPLETED</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>18J. RACE</b> White . . . . . Black . . . . . Amer. Indian, Aleut, Eskimo Asian or Pacific Is. . . . . Other . . . . .	<b>18K. ORIGIN</b>	
<b>26. CHECK ITEM</b> (Transcribe from control card item 18) This person is 18–24 years of age (Ask 26A) All others (Skip to 26C)		<b>33. Is . . . attending college full-time or part-time?</b> Full time Part time	<b>40. CHECK ITEM</b> Age 15–24 (Fill 41) Age 25+ (GO to 45)	<b>45A. CHECK ITEM</b> (If answer to item 36 is "Yes", ask 45B) (If answer to item 36 is "No", ask questions)							
<b>26A. (If "School" in 19, Verify) LAST WEEK</b> 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 (Skip to 26C) High school . . . . . College or Univ. . . . . (Ask 26B)		<b>34. Is this a two-year college or a four-year college or university?</b> 2-year college <input checked="" type="checkbox"/> (community or junior college) 4-year college or university.	<b>41. CHECK ITEM</b> High School Graduate (entries "12" and "Yes" in CC items 23a and 23b OR entry or "12"–"26" in CC item 23a) (SKIP to 43) Not High School graduate (ASK 42)	<b>45B. Who provides the instruction for the business, vocational, technical, or correspondence course(s)?</b> 2-yr college (community or junior college). 4-yr college or university. Vocational, trade, technical, or business school. Other school . . . . . Employer (private or government). Private business or company. Government agency Other non-school.							
<b>26B. Is . . . enrolled in school as a full-time or part-time student?</b> Full time Part time (Fill 26C)		<b>35. What degree or certificate is . . . currently working toward?</b> Associate degree (AA) Occupational . . . . . General Arts and Sciences . . . . . Bachelor's . . . . . Master's . . . . . Doctorate (PhD) . . . . . Professional (MD, DDS, DVM, Law, etc.) Other License, Diploma, or Certificate . . . . . Not working towards a degree (just taking courses for job, or own use) . . . . .	<b>42. In what calendar year did . . . last attend regular school?</b> 1990. 1989 or before (Skip to 44) Never attended	<b>45C. Is . . . attending (business, vocational, or technical) classes full time or part time?</b> Full time . . . . . Part time . . . . . Correspondence school. . . . .							
<b>26C. CHECK ITEM</b> Who responded to the labor force items for this person? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other <input type="checkbox"/> Self/Other		<b>36. NOTE: For persons enrolled in college (21–26 in item 32) read the parenthetical phrases.</b> Excluding (regular college courses and) on the job training, is . . . taking any business, vocational, technical, secretarial, trade or correspondence courses? Yes <input checked="" type="checkbox"/> No		<b>43. In what calendar year did . . . complete high school?</b> 1990. 1989 or before	<b>45D. What is . . . 's main reason for taking the (business, vocational, technical, or correspondence) course(s)?</b> To improve or keep up in current job or occupation . . . . . To train for new job or occupation . . . . . For non-job-related reasons.						
REMINDER: ASK THE LABOR FORCE QUESTIONS FOR ALL HOUSEHOLD MEMBERS 15+ YEARS OLD BEFORE ASKING THE SUPPLEMENT QUESTIONS											
SUPPLEMENT QUESTIONS APPROVED, O.M.B. NO. 0607-0464 EXPIRES 12/90											
<b>30-CK. CHECK ITEM</b> School enrollment status (Transcribe from 26a) Yes <input type="checkbox"/> (VERIFY 30I) No <input type="checkbox"/> Blank (ASK 30)		<b>37. Was . . . attending or enrolled in a regular school or college in October 1989, that is, October of last year?</b> Yes <input checked="" type="checkbox"/> (ASK 38) No (SKIP to 39I)		<b>44. Did . . . complete high school by means of an equivalency test, such as the GED?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<b>45. CHECK ITEM</b> Who reported for this person? Self. Parent . . . . . Spouse . . . . . Other relative Nonrelative.					
<b>30. Is . . . attending or enrolled in regular school?</b> Yes (ASK 31) No (SKIP to 36)		<b>38. What grade or year was . . . attending last year?</b> Elementary 1 2 3 4 5 6 7 8 High School 9 10 11 12 College 21 22 23 24 25 26		<b>39. CHECK ITEM</b> Entry of "1–12" in item 32 . . . (GO to 45) All others . . . . . (Fill 40)		If this is the last person 15+ years of age in the household, go to page 2 and complete items 46–55 as applicable, for any children 0–14 years old.					
<b>31. Is . . . enrolled in public or private school?</b> Public Private		(If entry in 26b SKIP TO item 34, OTHERWISE, ask item 33)		(If entry in 26b SKIP TO item 34, OTHERWISE, ask item 33)		(If entry in 26b SKIP TO item 34, OTHERWISE, ask item 33)					

18. LINE NUMBER

19. What was ... doing most of LAST WEEK - Working Keeping house Going to school or something else?

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

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

20B. CHECK ITEM

20C. Does ... USUALLY work 35 hours or more a week at this job?

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

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

20F. INDUSTRY OCCUPATION

21. (If ... in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK?

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

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

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

22. (If LK in 19, skip to 22A.) Has ... been looking for work during the past 4 weeks?

22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)

22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason?

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

2) How many weeks ago did ... start looking for work?

3) How many weeks ago was ... laid off?

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

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

22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) ...

23. DESCRIPTION OF JOB OR BUSINESS

23A. For whom did ... work? (Name of company, business, organization or other employer.)

23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)

23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)

23D. 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

23F. CHECK ITEM

24. CHECK ITEM (Rotation number) First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (Go to 24A)

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

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

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

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

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

25. CHECK ITEM (Rotation number) First digit of SEGMENT number is: 1, 2, 3, 5, 6, or 7 (Skip to 26) 4 or 8 (Go to 25A)

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

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

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

25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received.

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

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

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON		18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN										
	Ref. Person WITH rel. in H'hld. . . . . 01	Ref. person with NO rel. in H'hld. . . . . 02					Husband . . . . . 03					Wife . . . . . 04	Natural/Adopted Child . . . . . 05	Step Child . . . . . 06	Grandchild . . . . . 07	Parent . . . . . 08	Brother/Sister . . . . . 09	Other Rel. of Ref. Person . . . . . 10	Foster Child . . . . . 11	Non-rel. of Ref. Person WITH OWN rel. in H'hld. . . . . 12	Partner/Roommate . . . . . 13
26. CHECK ITEM (Transcribe from control card item 18)																					
This person is 15-24 years of age (ASK 26A) All others (Skip to 26C)																					
26A. (If "School in 19. Verify) LAST WEEK was . . . attending or enrolled in a high school, college, or university? (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation.)																					
Yes (Verify) No (Skip to 26C)																					
high school (Ask 26B) College or Univ. (Fill 26C)																					
26B. Is . . . enrolled in school as a full-time or part-time student?																					
Full time (Fill 26C) Part time (Fill 26C)																					
26C. CHECK ITEM Who responded to the labor force items for this person?																					
Self (17) Other (17) Self/Other (17)																					
REMEMBER: ASK THE LABOR FORCE QUESTIONS FOR ALL HOUSEHOLD MEMBERS 15+ YEARS OLD BEFORE ASKING THE SUPPLEMENT QUESTIONS																					
SUPPLEMENT QUESTIONS APPROVED. O.M.B. NO. 0607-0464 EXPIRES 12/90																					
30-CK. CHECK ITEM School enrollment status (Transcribe from 26a)																					
Yes (VERIFY 30) No (SKIP TO 36) Blank (ASK 30)																					
30. Is . . . attending or enrolled in regular school?																					
Yes (ASK 31) No (SKIP TO 36)																					
31. Is . . . enrolled in public or private school?																					
Public Private																					
32. What grade or year is . . . attending?																					
Elementary 1 2 3 4 5 6 7 8 } (GO TO 37)																					
High School 9 10 11 12 } (GO TO 37)																					
College 21 22 23 24 25 26																					
(If entry in 26b SKIP TO item 34, OTHERWISE, ask item 33)																					
33. Is . . . attending college full-time or part-time?																					
Full time Part time																					
34. Is this a two-year college or a four-year college or university?																					
2-year college (community or junior college) 4-year college or university.																					
35. What degree or certificate is . . . currently working toward?																					
Associate degree (AA) Occupational General Arts and Sciences . . . Bachelor's Master's Doctorate (PhD) Professional (MD, DDS, DVM, Law, etc.) Other License, Diploma, or Certificate. . . Not working towards a degree (just taking courses for job, or own use. . . . .)																					
36. NOTE: For persons enrolled in college (21-26 in item 32) read the parenthetical phrases. Excluding (regular college courses and) on the job training, is . . . taking any business, vocational, technical, secretarial, trade or correspondence courses?																					
Yes No																					
37. Was . . . attending or enrolled in a regular school or college in October 1989, that is, October of last year?																					
Yes (ASK 38) No (SKIP TO 39)																					
38. What grade or year was . . . attending last year?																					
Elementary 1 2 3 4 5 6 7 8 } (GO TO 37)																					
High School 9 10 11 12 } (GO TO 37)																					
College 21 22 23 24 25 26																					
39. CHECK ITEM																					
Entry of "1-12" in item 32 . . . (GO TO 45)																					
All others . . . . . (Fill 40)																					
40. CHECK ITEM																					
Age 15-24 (FILL 41) Age 25+ (GO TO 43)																					
41. CHECK ITEM																					
High School Graduate (entries of "12" and "yes" in CC items 23a and 23b OR entry of "21-26" in CC item 23a). (SKIP TO 43) Not High School graduate (ASK 42)																					
42. In what calendar year did . . . last attend regular school?																					
1990 . . . (Skip to 44) 1989 or before (Skip to 44) Never attended																					
43. In what calendar year did . . . complete high school?																					
1990 1989 or before																					
44. Did . . . complete high school by means of an equivalency test, such as the GED?																					
Yes No																					
45. CHECK ITEM																					
Who reported for this person?																					
Self . . . Parent . . . Spouse . . . Other relative . . . Nonrelative . . .																					
45A. CHECK ITEM (If answer to item 36 is "Yes", ask 45B) (If answer to item 36 is "No", end questions)																					
45B. Who provides the instruction for the (business, vocational, technical, or correspondence courses)?																					
2 yr college community or junior college 4 yr college or university . . . Vocational, trade, technical, or business school Other school . . . Employer (private or government) Private business or company Government agency Other non-school . . .																					
45C. Is . . . attending (business, vocational, or technical) classes full time or part time?																					
Full time . . . . . Part time . . . . . Correspondence school . . . . .																					
45D. What is . . . 's main reason for taking the (business, vocational, technical, or correspondence) courses?																					
To improve or keep up on current job or occupation . . . To train for new job or occupation . . . . . For non-job-related reasons																					
If this is the last person 15+ years of age in the household, go to page 2 and complete items 46-55 as applicable, for any children 0-14 years old.																					





## ATTACHMENT 12

### Detailed Industry Classification Codes

(Numbers in parentheses are the 1972 SIC code equivalent; 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.)

Code	Industries
000-009	not used
010-031	<b>AGRICULTURE, FORESTRY, AND FISHERIES</b>
010	Agricultural production, crops (01)
011	Agricultural production, livestock (02)
012-019	not used
020	Agricultural services, except horticultural (07, except 078)
021	Horticultural services (078)
022-029	not used
030	Forestry (08)
031	Fishing, hunting, and trapping (09)
032-039	not used
040-050	<b>MINING</b>
040	Metal mining (10)
041	Coal mining (11,12)
042	Crude petroleum and natural gas extraction (13)
043-049	not used
050	Nonmetallic mining and quarrying, except fuel (14)
051-059	not used
060	<b>CONSTRUCTION (15, 16, 17)</b>
061-099	not used
100-392	<b>MANUFACTURING</b>
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)
141	Floor coverings, except hard surface (227)
142	Yarn, thread, and fabric mills (228, 221-224)
143-149	not used

Code	Industries
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
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)

Code	Industries
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	Ordnance (348)
293-299	not used
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
302-309	not used
310-332	Machinery, 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
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 <sup>1</sup>

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."

Code	Industries
393-399	not used
400-472	<b>TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES</b>
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
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities
473-479	not used
500-571	<b>WHOLESALE TRADE</b>
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)

Code	Industries
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	<b>RETAIL TRADE</b>
580	Lumber and building material retailing (521, 523)
581	hardware stores (525)
582	retail nurseries and garden stores (526)
583-589	not used
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
593-599	not used
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)
602	Dairy products stores (545)
603-609	not used
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
613-619	not used
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623-629	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

Code	Industries
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
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)

Code	Industries
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)
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	<b>PUBLIC ADMINISTRATION</b>
900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
902-909	not used
910	Justice, public order, and safety (92)
911-920	not used
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)
923-929	not used
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)
932	National security and international affairs (97)
933-990	not used
991	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces.





Detailed Industry Recodes  
(01-51)

Detailed Industry	Recode	Industry Code
Agriculture Service	01	020-021
Other Agriculture	02	010-011
Mining	03	040-050
Construction	04	060
Manufacturing (Durable Goods)		
Lumber and wood products, except furniture	05	230-241
Furniture and fixtures	06	242
Stone clay, glass, and concrete product	07	250-262
Primary metals	08	270-280
Fabricated metal	09	281-300
Not specified metal industries	10	301
Machinery, except electrical	11	310-332
Electrical machinery, equipment, and supplies	12	340-350
Motor vehicles and equipment	13	351
Aircraft and parts	14	352
Other transportation equipment	15	360-370
Professional and photographic equipment, and watches	16	371-382
Toys, amusements, and sporting goods	17	390
Miscellaneous and not specified manufacturing industries	18	391-392
Manufacturing (Nondurable Goods)		
Food and kindred products	19	100-122
Tobacco manufactures	20	130
Textile mill products	21	132-150
Apparel and other finished textile products	22	151-152
Paper and allied products	23	160-162
Printing, publishing and allied industries	24	171-172
Chemicals and allied products	25	180-192
Petroleum and coal products	26	200-201
Rubber and miscellaneous plastics products	27	210-212
Leather and leather products	28	220-222
Transportation	29	400-432
Communications	30	440-442
Utilities and Sanitary Services	31	460-472
Wholesale Trade	32	500-571
Retail Trade	33	580-691
Banking and Other Finance	34	700-710
Insurance and Real Estate	35	711-712
Private Household Services	36	761
Business Services	37	721-742
Repair Services	38	750-760
Personal Services, Except Private Household	39	762-791

<b>Detailed Industry</b>	<b>Recode</b>	<b>Industry Code</b>
Entertainment and Recreation Services	40	800-802
Hospitals	41	831
Health Services, Except Hospitals	42	812-830
Educational Services	43	832-840
Social Services	44	842-860
Other Professional Services	45	861-871
		841,872-892
Forestry and Fisheries	46	030-031
Justice, Public Order and Safety	47	910
Administration of Human Resource Programs	48	922
National Security and Internal Affairs	49	932
Other Public Administration	50	901
Armed Forces	51	991

Major Industry Recodes  
(01-14)

Major Industry	Recode	Industry Code
Agriculture, Forestry, and Fisheries	01	10-31
Mining	02	40-50
Construction	03	60
Manufacturing (Durable Goods)	04	230-392
Nondurable Goods	05	100-222
Transportation, Communications and Other Public Utilities	06	400-472
Wholesale Trade	07	500-571
Retail Trade	08	580-691
Finance, Insurance, and Real Estate	09	700-712
Business and Repair Services	10	721-760
Personal Services Including Private Households	11	761-791
Entertainment and Recreation Services	12	800-802
Professional and Related Services	13	812-892
Public Administration	14	900-932



## ATTACHMENT 13

### Occupational Classification Codes for Detailed Occupational Categories

(Numbers in parentheses are the 1980 SIC 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.)

Code	Occupations
000-002	not used
003-199	<b>MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS</b>
003-037	Executive, Administrative, and Managerial Occupations
003	Legislators (111)
004	Chief executives and general administrators, public administration (112)
005	Administrators and officials, public administration (1132-1139)
006	Administrators, protective services (1131)
007	Financial managers (122)
008	Personnel and labor relations managers (123)
009	Purchasing managers (124)
010-012	not used
013	Managers, marketing, advertising, and public relations (125)
014	Administrators, education and related fields (128)
015	Managers, medicine and health (131)
016	Managers, properties and real estate (1353)
017	Postmasters and mail superintendents (1344)
018	Funeral directors (pt 1359)
019	Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359)
020-022	not used
023-037	Management Related Occupations
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
030-032	not used
033	Purchasing agents and buyers, n.e.c. (144)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, exc. construction (1473)
037	Management related occupations, n.e.c. (149)
038-042	not used
043-199	Professional Specialty Occupations
043-063	Engineers, Architects, and Surveyors
043	Architects (161)
044-059	Engineers
044	Aerospace (1622)
045	Metallurgical and materials (1623)
046	Mining (1624)
047	Petroleum (1625)
048	Chemical (1626)
049	Nuclear (1627)
050-052	not used
053	Civil (1628)

Code	Occupations
054	Agricultural (1632)
055	Electrical and electronic (1633, 1636)
056	Industrial (1634)
057	Mechanical (1635)
058	Marine and naval architects (1637)
059	Engineers, n.e.c. (1639)
060-062	not used
063	Surveyors and Mapping Scientists (164)
064-068	Mathematical and Computer Scientists
064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)
069-083	Natural Scientists
069	Physicists and astronomers (1842, 1843)
070-072	not used
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodeists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079	Forestry and conservation scientists (1852)
080-082	not used
083	medical scientists (1855)
084-089	Health Diagnosing Occupations
084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089	Health diagnosing practitioners, n.e.c. (289)
090-094	not used
095-106	Health Assessment and Treating Occupations
095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
098-105	Therapists
098	Inhalation therapists (3031)
099	Occupational therapists (3032)
100-102	not used
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (3040)
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

Code	Occupations
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
130-132	not used
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
140-142	not used
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
150-152	not used
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-159	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
160-162	not used
163	Counselors, educational and vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)
174-177	Social, Recreation, and Religious Workers
174	Social workers (2032)
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)

Code	Occupations
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artists 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	<b>TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS</b>
203-235	<b>Technicians and Related Support Occupations</b>
203-208	<b>Health Technologists and Technicians</b>
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)
209-212	not used
213-235	<b>Technologists and Technicians, Except Health</b>
213-218	<b>Engineering and Related Technologists and Technicians</b>
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	<b>Science Technicians</b>
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians n.e.c. (3832, 3833, 384, 389)
226-235	<b>Technicians; Except Health, Engineering, and Science</b>
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	<b>Sales Occupations</b>
243	Supervisors and proprietors, sales occupations (40)
244-252	not used
253-257	<b>Sales Representatives, Finance and Business Services</b>
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)



Code	Occupations
257	Sales occupations, other business services (4152)
258-259	Sales Representatives, Commodities Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	not used
263-278	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
270-273	not used
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275	Sales counter clerks (4363)
276	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
279-282	not used
283-285	Sales Related Occupations
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
286-302	not used
303-389	Administrative Support Occupations, Including Clerical
303-307	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4515, 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 Occupation, 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)

Code	Occupations
336	Records clerks (4699)
337-344	Financial Records Processing Occupations
337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
340-342	not used
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
345-347	Duplicating, Mail and Other 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. (4793)
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	Expediteurs (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
403-469	<b>SERVICE OCCUPATIONS</b>
403-407	Private Household Occupations
403	Launderers and ironers (503)

Code	Occupations
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)
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)
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)
448-455	Cleaning and Building Service Occupations, except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
450-452	not used
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)
456-469	Personal Service Occupations
456	Supervisors, personal service occupations (5251)
457	Barbers (5252)
458	Hairdressers and cosmetologists (5253)
459	Attendants, amusement and recreation facilities (5254)
460-462	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)

Code	Occupations
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
473-499	<b>FARMING, FORESTRY, AND FISHING OCCUPATIONS</b>
473-476	Farm Operators and Managers
473	Farmers, except horticulture (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
503	<b>PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS</b>
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 mechanic (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

Code	Occupations
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)
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

Code	Occupations
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, 710)
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)
638	not used
639	Machinist apprentices (pt 6813)
640-642	not used
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6812)
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	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenter (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 patternmakers (6856)
674	Miscellaneous precision apparel and fabric workers (6859, pt 7752)
675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, 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

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

Code	Occupations
738-749	Textile, Apparel and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	not used
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657)
748	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)
750-752	not used
753-779	Machine Operators, Assorted Materials
753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7562, 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 (7646, 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



Code	Occupations
803	Supervisors, motor vehicle operators (8111)
804	Truck drivers, heavy (8212, 8213)
805	Truck drivers, light (8214)
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)

<b>Code</b>	<b>Occupations</b>
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.

## Detailed Occupation Recodes (01-46)

Detailed Occupation	Recode	Occupation Code
Administrators and Officials, Public Administration	01	003-006
Other Executive, Administrators, and Managers	02	007-019
Management Related Occupations	03	023-037
Engineers	04	044-059
Mathematical and Computer Scientists	05	064-068
Natural Scientists	06	069-083
Health Diagnosing Occupations	07	084-089
Health Assessment and Treating Occupations	08	095-106
Teachers, College and University	09	113-154
Teachers, Except College and University	10	155-159
Lawyers and Judges	11	178-179
Other Professional Specialty Occupations	12	043-063 163-177 183-199
Health Technologists and Technicians	13	203-208
Engineering and Science Technicians	14	213-225
Technicians, Except Health Engineering, and Science	15	226-235
Supervisors and Proprietors, Sales Occupations	16	243
Sales Representatives, Finance, and Business Service	17	253-257
Sales Representatives, Commodities, Except Retail	18	258-259
Sales Workers, Retail and Personal Services	19	263-278
Sales Related Occupations	20	283-285
Supervisors - Administrative Support	21	303-307
Computer Equipment Operators	22	308-309
Secretaries, Stenographers, and Typists	23	313-315
Financial Records, Processing Occupations	24	337-344
Mail and Message Distributing	25	354-357
Other Administrative Support Occupations, Including Clerical	26	316-336
Private Household Service Occupations	27	403-407
Protective Service Occupations	28	413-427
Food Service Occupations	29	433-444
Health Service Occupations	30	445-447
Cleaning and Building Service Occupations	31	448-455
Personal Service Occupations	32	456-469
Mechanics and Repairers	33	503-549
Construction Trades	34	553-599
Other Precision Production Occupations	35	613-699

Detailed Occupation	Recode	Occupation Code
Machine Operators and Tenders, Except Precision Fabricators, Assemblers, Inspectors, and Samplers	36	703-779
Motor Vehicle Operators	37	783-799
Other Transportation Occupations and Material Moving	38	803-814
Construction Laborer	39	823-859
Freight, Stock and Material Handlers	40	869
Other Handlers, Equipment Cleaners, and Laborers	41	875-883
	42	863-867 873, 885-889
Farm Operators and Managers	43	473-476
Farm Workers and Related Occupations	44	477-489
Forestry and Fishing Occupations	45	494-499
Armed Forces, Currently Civilian	46	905

Major Occupation Group Recodes  
(01-14)

Occupation Group	Recode	Occupation Code
Executive, Administrative, and Managerial Occupations	01	003-037
Professional Specialty Occupations	02	043-199
Technicians and Related Support Occupations	03	203-235
Sales Occupations	04	243-285
Administrative Support Occupations, Including Clerical	05	303-389
Private Household Service Occupations	06	403-407
Protective Service Occupation	07	413-427
Service Occupations, Except Protective and Household	08	433-469
Farming, Forestry, and Fishing Occupations	09	473-499
Precision Production, Craft, and Repair Occupations	10	503-699
Machine Operators, Assemblers, and Inspectors	11	703-799
Transportation and Material Moving Equipment Occupations	12	803-859
Handlers, Equipment Cleaners, Helpers, and Laborers	13	863-889
Armed Forces, Currently Civilian	14	905



## ATTACHMENT 14

### Specific Metropolitan Identifiers

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1984 definitions and are ranked according to Census Bureau population estimates for July 1, 1983. Identification of CMSA's is based solely on the CMSA/MSA rank code (See List 1). MSA's can be Identified by using either the CMSA/MSA rank code (List 1) or the FIPS MSA/PMSA code (List 4). PMSA's can be Identified by either the FIPS MSA/PMSA code (List 4) or a combination of the CMSA/MSA rank codes and the PMSA rank code (List 2). Identification of Individual central cities is based on a combination of codes (See List 3). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code or the appropriate central city code, the CMSA/MSA rank code, and, if necessary, the PMSA rank code. Some examples of the proper coding of specific metropolitan areas are given below.

<u>AREA</u>	CMSA/ MSA RANK (MSARANK) List 1	PMSA RANK CODE (PMSARANK) List 2	INDIVIDUAL CENTRAL CITY CODE (CCCODE) List 3	FIPS MSA/PMSA CODE (SMSAFIPS) List 4
Dallas-Fort Worth, TX CMSA	010	N/C	N/C	N/C
Fort Worth-Arlington, TX PMSA	010	02	N/C	N/C
OR	N/C	N/C	N/C	2800
Fort Worth, TX Central City	010	02	1	N/C
OR	N/C	N/C	1	2800
Phoenix, AZ MSA	023	N/C	N/C	N/C
OR	N/C	N/C	N/C	6200
Mesa, AZ Central City	023	N/C	2	N/C
OR	N/C	N/C	2	6200
Burlington, VT MSA	224	N/C	N/C	N/C
OR	N/C	N/C	N/C	1305

N/C = No Code Required

**NOTES:**

1. Do not attempt to tally CMSA totals by summing Identified PMSA's. The specific PMSA identification for some PMSA's is suppressed while the specific CMSA for those areas is available. The New Hampshire portion of the Boston CMSA is an example of this. While specific identification of Nashua and the Lawrence-Haverill and Lowell portions is suppressed, all areas are coded as being in the Boston CMSA.
2. Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the central city metropolitan statistical area residence status code (CCCSMSA). It is recommended that this code in conjunction with the modified metropolitan statistical area residence status code (MSTSMSAR) be used for tallying metropolitan residence status for national and other grouped data.





## LIST 1: CMSA/MSA 1983 RANK CODES (MSARANK)

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
001		New York-New Jersey-Long Island, NY-NJ CMSA
002		Los Angeles-Anaheim-Riverside, CA CMSA
003		Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in sample)
004		Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA (Maryland portion suppressed)
005		San Francisco-Oakland-San Jose, CA CMSA
006		Detroit-Ann Arbor, MI CMSA
007		Boston-Laurence-Salem, MA-NH CMSA
000		Houston-Galveston-Brazoria, TX CMSA
009	8040	Washington, DC-VA MSA
010		Dallas-Fort Worth, TX CMSA
011		Cleveland-Akron-Lorain, OH CMSA
012		Miami-Fort Lauderdale, FL CMSA
013		Pittsburgh-Deaver Valley, PA CMSA
014		St. Louis, MO-IL CMSA
015	0520	Atlanta, GA MSA
016	0720	Baltimore, MD MSA
017	5120	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
018		Seattle-Tacoma, WA CMSA
019	7320	San Diego, CA MSA
020	0280	Tampa-St. Petersburg-Clearwater, FL MSA
021		Denver-Boulder, CO CMSA
022		Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not identified)
023	6200	Phoenix, AZ MSA
024		Milwaukee-Racine, WI CMSA
025	3760	Kansas City, MO-KS MSA
026		Portland-Vancouver, OR-WA CMSA
027	5560	New Orleans, LA MSA
020	1040	Columbus, OH MSA
029	5720	Norfolk-Virginia Beach-Newport News, VA MSA
030		Buffalo-Niagara Falls, NY CMSA
031	6920	Sacramento, CA MSA
032	3480	Indianapolis, IN MSA
033	7240	San Antonio, TX MSA
034		Providence-Pawtucket-Fall River, RI-MA CMSA
035	1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
036		Hartford-New Britain-Middletown, CT CMSA
037	7160	Salt Lake City-Ogden, UT MSA
030	6840	Rochester, NY MSA
039	5880	Oklahoma City, OK MSA
040	4520	Louisville, KY-IN MSA
041	2000	Dayton-Springfield, OH MSA
042	4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
043	1000	Birmingham, AL MSA
044	5360	Nashville, TN MSA
045	3120	Greenboro-Winston Salem-High Point, NC MSA

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
046	0160	Albany-Schenectady-Troy NY MSA
047	3320	Honolulu, HI MSA
048	5960	Orlando, FL MSA
049	6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
050	3600	Jacksonville, FL MSA
051	7560	Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
052	0560	Tulsa, OK MSA
053	8960	West Palm Beach-Boca Raton-Delray Beach, FL MSA
054	8160	Syracuse, NY MSA
055	0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
056	0640	Austin, TX MSA
057	3000	Grand Rapids, MI MSA
058	8400	Toledo, OH MSA
059	5920	Omaha, NE-IA MSA (Iowa portion not identified)
060	6640	Raleigh-Durham, NC MSA
061	3160	Greenville-Spartanburg, SC MSA
062	3840	Knoxville, TN MSA
063	8520	Tucson, AZ MSA
064	3240	Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
065	2840	Fresno, CA MSA
066	0760	Baton Rouge, LA MSA
067	9320	Youngstown-Warren, OH MSA
068	4120	Las Vegas, NV MSA
069	8000	Springfield, MA MSA
070	2320	El Paso, TX MSA
071	5480	New Haven-Meriden, CT MSA
072	4400	Little Rock-North Little Rock, AR MSA
073	1440	Charleston, SC MSA
074	5160	Mobile, AL MSA (Baldwin county not in sample)
075	0680	Bakersfield, CA MSA
076	3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
077	2640	Flint, MI MSA
078	0200	Albuquerque, NM MSA
079	9040	Wichita, KS MSA
080	1760	Columbia, SC MSA
081	1560	Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee not in sample)
082	6960	Saginaw-Bay City-Midland, MI MSA
083	4040	Lansing-East Lansing, MI MSA
084	9240	Worcester, MA MSA
085	1320	Canton, OH MSA
086	0840	Beaumont-Port Arthur, TX MSA
087	9280	York, PA MSA
088	1960	Davenport-Rock Island-Moline, IA-IL MSA
089	8120	Stockton, CA MSA
090	2120	Des Moines, IA MSA (Dallas county not in sample)
091	4000	Lancaster, PA MSA
092	3560	Jackson, MS MSA
093	6120	Peoria, IL MSA
094	0600	Augusta, GA-SC, MSA
095	1880	Corpus Christi, TX MSA

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
096	7680	Shreveport, LA MSA
097	2760	Fort Wayne, IN MSA
098	7840	Spokane, WA MSA
099	3980	Lakeland-Winter Haven, FL MSA
100	1720	Colorado Springs, CO MSA
101	3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
102	4720	Madison, WI MSA
103	4880	McAllen-Edinburg-Mission, TX MSA
104	4200	Lexington-Fayette, KY MSA
105	8680	Utica-Rome, NY MSA
106	7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
107	6680	Reading, PA MSA
108	6080	Pensacola, FL MSA
109	7120	Salinas-Seaside-Monterey, CA MSA
110	4900	Melbourne-Titusville-Palm Bay, FL MSA
111	0460	Appleton-Oshkosh-Neenah, WI MSA
112	2020	Daytona Beach, FL MSA
113	5170	Modesto, CA MSA
115	5240	Montgomery, AL MSA
116	2360	Erie, PA MSA
117	6880	Rockford, IL MSA
118	2440	Evansville, IN-KY MSA (Kentucky portion not identified)
119	4600	Macon-Warner Robins, GA MSA
120	1400	Charleston, WV MSA
121	2400	Eugene-Springfield, OR MSA
122	0960	Binghamton, NY MSA
123	8700	Visalia-Tulare-Porterville, CA MSA
124	3680	Johnstown, PA MSA
125	2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
126	5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
127	7000	Salem, OR MSA
128	6460	Poughkeepsie, NY MSA
129	2560	Fayetteville, NC MSA
130	1800	Columbus, GA-AL MSA (Alabama portion not in sample)
131	2700	Fort Myers, FL MSA
132	7000	South Bend-Mishawaka, IN MSA
133	6520	Provo-Orem, UT MSA (Central City portion only identified)
134	1240	Brownsville-Harlingen, TX MSA
135	7520	Savannah, GA MSA
136	7510	Sarasota, FL MSA
137	6000	Roanoke, VA MSA
138	4600	Lubbock, TX MSA
139	3080	Lafayette, LA MSA
140	3810	Killeen-Temple, TX MSA
141	7920	Springfield, MO MSA
142	3720	Kalamazoo, MI MSA
143	0300	Anchorage, AK MSA
144	6720	Reno, NV MSA (Central City portion only identified)
145	3290	Hickory, NC MSA
146	3440	Huntsville, AL MSA
147	8000	Waterbury, CT MSA
148	8240	Tallahassee, FL MSA
149	6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
150	6400	Portland, ME MSA
151	4360	Lincoln, NE MSA
152	0920	Biloxi-Gulfport, MS MSA
153	3350	Houma-Thibodaux, LA MSA
154	7080	Springfield, IL MSA
156	1000	Boise City, ID MSA
157	2900	Gainesville, FL MSA
158	9000	Wheeling, WV-OH MSA (Ohio portion not identified)
161	8000	Waco, TX MSA
163	3960	Lake Charles, LA MSA
164	1360	Cedar Rapids, IA MSA
165	5400	New Bedford, MA MSA
166	1400	Champaign-Urbana-Rantoul, IL MSA
169	2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
170	1140	Bradenton, FL MBA
171	0480	Asheville, NC MSA
172	0870	Benton Harbor, MI MSA
173	8920	Waterloo-Cedar Falls, IA MSA
174	2670	Fort Collins-Loveland, CO MBA
178	8440	Topeka, KS MSA (Central City portion only identified)
179	1620	Chico, CA MSA
180	5320	Muskegon, MI MSA
181	4320	Lima, OH MSA
184	5790	Ocala, FL MSA
185	3520	Jackson, MS MSA
186	5200	Monroe, LA MSA
192	8600	Tuscaloosa, AL MSA
193	0780	Battle Creek, MI MSA
194	0405	Anderson, SC MSA
197	5910	Olympia, WA MSA
198	8320	Terre Haute, IN MSA
199	2650	Florence, AL MSA
201	0280	Altoona, PA MSA
202	0400	Anderson, IN MSA
203	4760	Manchester, NH MSA
204	4890	Medford, OR MBA
207	3710	Joplin, MO MSA
209	4800	Mansfield, OH MSA
211	7610	Sharon, PA MSA
216	6560	Pueblo, CO MSA
219	4200	Lawton, OK MSA
221	1040	Bloomington-Normal, IL MSA
222	2750	Fort Walton Beach, FL MSA
224	1305	Burlington, VT MSA
225	9140	Williamsport, PA MSA
226	7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231	7760	Sioux Falls, SD MSA
233	2655	Florence, SC MSA
240	0860	Bellingham, WA MSA
242	9340	Yuba City, CA MSA
246	1740	Colombia, MO MSA
247	2880	Gadsden, AL MSA
248	2580	Fayetteville-Springdale, AR MSA
252	3740	Kankakee, IL MSA

## LIST 2: PMSA 1983 RANK CODES (PMSARANK)

Note: The PMSA Rank is assigned based on a PMSA's population when compared to other PMSA's within the parent CMSA,

<u>CMSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA PMSA CODE</u>	<u>PMSA TITLE</u>
001	01	5600	New York, NY
	02	5380	Nassau-Suffolk, NY
	03	5640	Newark, NJ
	04	0875	Bergen-Passaic, NJ
	05	5015	Middlesex-Somerset-Hunterdon, NJ
	06	5190	Monmouth-Ocean, NJ
	07	3640	Jersey City, NJ
	08	1160	Bridgeport-Milford, CT
	09	5950	Orange County, NY
	10	8040	Stamford, CT
	11	1930	Danbury, CT
	12	5760	Norwalk, CT
002	01	4480	Los Angeles-Long Beach, CA
	02	0360	Anaheim-Santa Ana, CA
	03	6700	Riverside-San Bernardino, CA
	04	6000	Oxnard-Ventura, CA
003	01	1600	Chicago, IL
	02	2960	Gary-Hammond, IN
	03	3965	Lake County, IL
	04	3690	Joliet, IL
	05	0620	Aurora-Elgin, IL
004	01	6160	Philadelphia, PA-NJ
	02	9160	Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.)
005	03	8400	Trenton, NJ
	01	5775	Oakland, CA
	02	7360	San Francisco, CA
	03	7400	San Jose, CA
	04	8720	Vallejo-Fairfield-Napa, CA
	05	7500	Santa Rosa-Petaluma, CA
	06	7485	Santa Cruz, CA
006	01	2160	Detroit, MI
	02	0440	Ann Arbor, MS
007	01	1120	Boston, MA
	02	4160	Lawrence-Haverill, MA-NH (New Hampshire portion not identified)
008	03	7090	Salem-Gloucester, MA
	04	4560	Lowell, MA-NH (New Hampshire portion not identified)
	05	1200	Brockton, MA
	01	3360	Houston, TX
	02	2920	Galveston-Texas City, TX
	03	1145	Brazoria, TX

<u>CMSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA PMSA CODE</u>	<u>PMSA TITLE</u>
010	01	1920	Dallas, TX
	02	2800	Fort Worth-Arlington, TX
011	01	1680	Cleveland, OH
	02	0080	Akron, OH
	03	4440	Lorain-Elyria, OH
012	01	5000	Miami-Hialeah, FL
	02	2600	Fort Lauderdale-Hollywood-Pompano Beach, FL
013	01	6280	Pittsburgh, PA
	02	0845	Beaver County, PA
014	01	7040	St, Louis, MO-IL (Illinois portion not identified)
018	01	7600	Seattle, WA
	02	8200	Tacoma, WA
021	01	2080	Denver, CO
	02	1125	Boulder-Longmont, CO
022	01	1640	Cincinnati, OH-KY-IN (Indiana portion not identified)
	02	3200	Hamilton-Middletown, OH
024	01	5080	Milwaukee, WI
	02	6600	Racine, WI
026	01	6440	Portland, OR
	02	8725	Vancouver, WA
030	01	1200	Buffalo, NY
	02	5700	Niagara Falls, NY
034	01	6400	Providence, RI
	02	6060	Pawtucket-Woonsocket-Attleboro, RI-MA (Rhode Island-Central City portion only identified)
036	01	3200	Hartford, CT
	02	5440	New Britain, CT

## LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)

<u>CMSA/MSA RANK CODE (MSARANK)</u>	<u>PMSA RANK CODE (PMSARANK)</u>	<u>INDIVIDUAL CENTRAL CITY CITY CODE (CCCODE)</u>	<u>CITY</u>
001	03	1	Newark, NJ
		2	Elizabeth, NJ
002	01	1	Los Angeles, CA
		2	Long Beach, CA
		3	Pasadena, CA
		0	Others
	02	1	Anaheim, CA
		2	Santa Ana, CA
		03	1
		0	Others
003	01	1	Chicago, IL
		0	Others
	02	1	Gary, IN
		0	Others
005	01	1	Oakland, CA
		0	Others
006	01	1	Detroit, MI
		0	Others
007	01	1	Boston, MA
		0	Others
010	01	1	Dallas, TX
		0	Others
	02	1	Fort Worth, TX
		2	Arlington, TX
012	01	1	Miami, FL
		0	Others
	02	1	Fort Lauderdale, FL
		0	Others
017	-	1	Minneapolis, MN
		0	Others
020	-	1	Tampa, FL
		0	Others
023	-	1	Phoenix, AZ
		2	Mesa, AZ
		0	Others
029	-	1	Norfolk, VA
		2	Virginia Beach, VA
		3	Newport News, VA
		4	Hampton, VA
		0	Others
045	-	1	Greensboro, NC
		0	Others
046	-	1	Albany, NY
		0	Others
060	-	1	Raleigh, NC
		0	Others
069	-	1	Springfield, MA
		0	Others





## LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
011	02	0080	Akron, OH, PMSA
046		0160	Albany-Schenectady-Troy, NY MSA
078		0200	Albuquerque, NM MSA
055		0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
201		0280	Altoona, PA MSA
002	02	0360	Anaheim-Santa Ana, CA PMSA
143		0380	Anchorage, AK MSA
202		0400	Anderson, IN MSA
194		0405	Anderson, SC MSA
006	02	0440	Ann Arbor, MI PMSA
111		0460	Appleton-Oshkosh-Neenah, WI MSA
171		0480	Asheville, NC MSA
015		0520	Atlanta, GA MSA
094		0600	Augusta, GA-SC MSA
003	05	0620	Aurora-Elgin, IL PMSA
056		0640	Austin, TX MSA
075		0680	Bakersfield, CA MSA
016		0720	Baltimore, MD MSA
066		0760	Baton Rouge, LA MSA
193		0780	Battle Creek, MI MSA
086		0840	Beaumont-Port Arthur, FL MSA
013	02	0845	Beaver County, PA PMSA
240		0860	Bellingham, WA MSA
172		0870	Benton Harbor, MI MSA
001	04	0875	Bergen-Passaic, NJ PMSA
152		0920	Biloxi-Gulfport, MS MSA
122		0960	Binghamton, NY MSA
043		1000	Birmingham, AL MSA
221		1040	Bloomington-Normal, IL MSA
156		1080	Boise City, ID MSA
007	01	1120	Boston, MA PMSR
021	02	1125	Boulder-Longmont, CO PMSA
170		1140	Bradenton, FL MSA
008	03	1145	Brazoria, TX PMSA
001	08	1160	Bridgeport-Milford, CT PMSA
007	05	1200	Brockton, MA PMSA
134		1240	Brownsville-Harlingen, TX MSA
030	01	1280	Buffalo, NY PMSA
224		1305	Burlington, VT MSA
085		1320	Canton, OH MSA
164		1360	Cedar Rapids, IA MSA
166		1400	Champaign-Urbana-Rantoul, IL MSA
073		1440	Charleston, SC MSA
120		1480	Charleston, WV MSA
035		1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
081		1560	Chattanooga, TN-A MSA (Marion and Sequatchie counties Tennessee not in sample)

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
003	01	1600	Chicago, IL PMSA
179		1620	Chico, CA MSA
022	01	1640	Cincinnati, OH-KY-IN PMSA (Indiana portion not identified)
011	01	1680	Cleveland, OH PMSA
100		1720	Colorado Springs, CO MSA
246		1740	Colombia, MO MSA
080		1760	Columbia, SC MSA
130		1800	Columbus, GA-AL MSA (Alabama portion not in sample)
020	-	1840	Columbus, OH MSA
095		1880	Corpus Christi, TX MSA
010	01	1920	Dallas, TX PMSA
001	11	1930	Danbury, CT PMSR
088		1960	Davenport-Rock Island-Moline, IA-IL MSA
041		2000	Dayton-Springfield, OH MSA
112		2020	Daytona Beach, FL MSA
021	01	2080	Denver, CO PMSA
090		2120	Des Moines, IA MSA (Dallas county not in sample)
006	01	2160	Detroit, MI PMSA
125		2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
070		2320	El Paso, TX MSA
116		2360	Erie, PA MSA
121		2400	Eugene-Springfield, OR MSA
118		2440	Evansville, IN-KY MSA (Kentucky portion not identified)
129		2560	Fayetteville, NC MSA
248		2580	Fayetteville-Springdale, AR MSA
077		2640	Flint, MI MSA
199		2650	Florence, AL MSA
233		2655	Florence, SC MSA
174		2670	Fort Collins-Loveland, CO MSA
012	02	2680	Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA
131		2700	Fort Myers, FL MSA
169		2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
222		2750	Fort Walton Beach, FL MSA
097		2760	Fort Wayne, IN MSA
010	02	2800	Fort Worth-Arlington, TX PMSA
065		2840	Fresno, CA MSA
247		2880	Gadsden, AL MSA
157		2900	Gainesville, FL MSA
008	02	2920	Galveston-Texas City, TX PMSA
003	02	2960	Gary-Hammond, IN PMSA
057		3000	Grand Rapids, MI MSA
045		3120	Greenboro-Winston Salem-High Point, NC MSA
061		3160	Greenville-Spartanburg, SC MSA
022	02	3200	Hamilton-Middletown, OH PMSA
064		3240	Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
036	01	3280	Hartford, CT PMSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
145		3290	Hickory, NC MSA
047		3320	Honolulu, HI MSA
153		3350	Houma-Thibodaux, LA MSA
008	01	3360	Houston, TX PMSA
101		3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
146		3440	Huntsville, AL MSA
032		3480	Indianapolis, IN MSA
185		3520	Jackson, MI MSA
092		3560	Jackson, MS MSA
050		3600	Jacksonville, FL MSA
001	07	3640	Jersey City, NJ PMSA
076		3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
124		3680	Johnstown, PA MSA
003	04	3690	Joliet, IL PMSA
207		3710	Joplin, MO MSA
142		3720	Kalamazoo, MI MSA
252		3740	Kankakee, IL MSA
025		3760	Kansas City, MO-KS MSA
140		3810	Killeen-Temple, TX MSA
062		3840	Knoxville, TN MSA
139		3880	Lafayette, LA MSA
163		3960	Lake Charles, LA MSA
003	03	3965	Lake County, IL PMSA
099		3980	Lakeland-Winter Haven, FL MSA
091		4000	Lancaster, PA MSA
083		4040	Lansing-East Lansing, MI MSA
060		4120	Las Vegas, NV MSA
007	02	4160	Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)
219		4200	Lawton, OK MSA
104		4280	Lexington-Fayette, KY MSA
181		4320	Lima, OH MSA
151		4360	Lincoln, NE MSA
072		4400	Little Rock-North Little Rock, AR MSA
011	03	4440	Lorain-Elyria, OH PMSA
002	01	4480	Los Angeles-Long Beach, CA PMSA
040		4520	Louisville, KY-IN MSA
007	04	4560	Lowell, MA-NH PMSA (New Hampshire portion not identified)
138		4600	Lubbock, TX MSA
119		4680	Macon-Warner Robins, GA MSA
102		4720	Madison, WI MSA
203		4760	Manchester, NH MSA
209		4800	Mansfield, OH MSA
103		4880	McAllen-Edinburg-Mission, TX MSA
204		4890	Medford, OR MSA
110		4900	Melbourne-Titusville-Palm Bay, FL MSA
042		4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
012	01	5000	Miami-Hialeah, FL PMSA
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
024	01	5080	Milwaukee, WI PMSA
017		5120	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
074		5160	Mobile, AL MSA (Baldwin county not in sample)
113		5170	Modesto, CA MSA
001	06	5190	Monmouth-Ocean, NJ PMSA
106		5200	Monroe, LA MSA
115		5240	Montgomery, AL MSA
100		5320	Muskegon, MI MSA
044		5360	Nashville, TN MSA
001	02	5380	Nassau-Suffolk, NY PMSA
165		5400	New Bedford, MA MSA
036	02	5440	New Britain, CT PMSA
071		5480	New Haven-Meriden, CT MSA
126		5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
027		5560	New Orleans, LA MSA
001	01	5600	New York, NY PMSA
001	03	5640	Newark, NJ PMSA
030	02	5700	Niagara Falls, NY PMSA
029		5720	Norfolk-Virginia Beach-Newport News, VA MSA
001	12	5760	Norwalk, CT PMSA
005	01	5775	Oakland, CA PMSA
184		5790	Ocala, FL MSA
039		5880	Oklahoma City, OK MSA
197		5910	Olympia, WA MSA
059		5920	Omaha, NE-IA MSA (Iowa portion not identified)
001	09	5950	Orange County, NY PMSA
048		5960	Orlando, FL MSA
002	04	6000	Oxnard-Ventura, CA PMSA
034	02	6060	Pawtuckett-Woonsocket-Attleboro, RI-MA PMSA (Rhode Island Central City portion only identified)
100		6080	Pensacola, FL MSA
093		6120	Peoria, IL MSA
004	01	6160	Philadelphia, PA-NJ PMSA
023		6200	Phoenix, AZ MSA
013	01	6280	Pittsburgh, PA PMSA
150		6400	Portland, ME MSA
026	01	6440	Portland, OR PMSA
149		6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)
128		6460	Poughkeepsie, NY MSA
034	01	6480	Providence, RI PMSA
133		6520	Provo-Orem, UT MSA (Central City portion only identified)
216		6560	Pueblo, CO MSA
024	02	6600	Racine, WI PMSA
060		6640	Raleigh-Durham, NC MSA
107		6680	Reading, PA MSA
144		6720	Reno, NV MSA (Central City portion only identified)

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
049		6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
002	03	6780	Riverside-San Bernardino, CA PMSA
137		6800	Roanoke, VA MSA
038		6840	Rochester, NY MSA
117		6880	Rockford, IL MSA
031		6920	Sacramento, CA MSA
082		6960	Saginaw-Bay City-Midland, MI MSA
014	01	7040	St. Louis, FL PMSA (Illinois portion not identified)
127		7080	Salem, OR MSA
007	03	7090	Salem-Gloucester, MA PMSA
109		7120	Salinas-Seaside-Monterey, CA MSA
037		7160	Salt Lake City-Ogden, UT MSA
033		7240	San Antonio, TX MSA
019		7320	San Diego, CA MSA
005	02	7360	San Francisco, CA PMSA
005	03	7400	San Jose, CA PMSA
106		7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
005	06	7485	Santa Cruz, CA PMSA
005	05	7500	Santa Rosa-Petaluma, CA PMSA
136		7510	Sarasota, FL MSA
135		7520	Savannah, GA MSA
051		7560	Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
018	01	7600	Seattle, WA PMSA
211		7610	Sharon, PA MSA
096		7680	Shreveport, LA MSA
226		7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231		7760	Sioux Falls, SD MSA
132		7800	South Bend-Mishawaka, IN MSA
090		7840	Spokane, WA MSA
154		7880	Springfield, IL MSA
141		7920	Springfield, MO MSA
069		8000	Springfield, MA MSA
001	10	8040	Stamford, CT PMSA
089		8120	Stockton, CA MSA
054		8160	Syracuse, NY MSA
018	02	8200	Tacoma, WA PMSA
148		8240	Tallahassee, FL MSA
020		8280	Tampa-St. Petersburg-Clearwater, FL MSA
198		8320	Terre Haute, IN MSA
058		8400	Toledo, OH MSA
170		8440	Topeka, KS MSA (Central City portion only identified)
004	03	8480	Trenton, NJ PMSA
063		8520	Tucson, AZ MSA
052		8560	Tulsa, OK MSA
192		8600	Tuscaloosa, AL MSA
105		8680	Utica-Rome, NY MSA
005	04	8720	Vallejo-Fairfield-Napa, CA PMSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
026	02	8725	Vancouver, WA PMSA
123		8780	Visalia-Tulare-Porterville, CA MSA
161		8800	Waco, TX MSA
009		8840	Washington, DC-MD-VA MSA
147		8880	Waterbury, CT MSA
173		8920	Waterloo-Cedar Falls, IA MSA
053		8960	West Palm Beach-Boca Raton-Delray Beach, FL MSA
158		9000	Wheeling, WV-OH MSA (Ohio portion not identified)
079		9040	Wichita, KS MSA
225		9140	Williamsport, PA MSA
004	02	9160	Wilmington, DE-NJ-MD PMSA (New Jersey portion not identified, Maryland portion suppressed.)
004		9240	Worcester, MA MSA
087		9280	York, PA MSA
067		9320	Youngstown-Warren, OH MSA
242		9340	Yuba City, CA MSA

## ATTACHMENT 15

### Topcoding of Usual Hourly Earnings

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

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





## ATTACHMENT 16

### Source and Accuracy of the October 1990 School Enrollment Microdata File

#### SOURCE OF DATA

The data in this microdata file come from the October 1990 Current Population Survey (CPS). The Bureau of the Census conducts the survey every month, although this file uses only October data for its estimates. The October survey uses two sets of questions, the basic CPS and the supplement.

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

The October 1990 CPS sample was selected from the 1980 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. It is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions. About 60,000 occupied households are eligible for interview every month. Interviewers are unable to obtain interviews at about 2,600 of these units because the occupants are not home after repeated calls or are unavailable for some other reason.

Since the introduction of the CPS, the Bureau of the Census has redesigned the CPS sample several times to improve the quality and reliability of the data and to satisfy changing data needs. The most recent changes were completely implemented in July 1985.

**October Supplement.** In addition to the basic CPS questions, interviewers asked supplementary questions in October about school enrollment for all household members 3 years old and over.

**Estimation Procedure.** This survey's estimation procedure inflates weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, sex, race and Hispanic/non-Hispanic categories. The independent estimates were based on statistics from decennial censuses of population; statistics on births, deaths, immigration and emigration; and statistics on the size of the Armed Forces. The independent population estimates include some, but not all, undocumented immigrants. For more details on the change in independent estimates, see the section entitled "Introduction of 1980 Census Population Controls" in an earlier report (Series P-60, No.133). The independent population estimates used for this microdata file were based on updates to controls established by the 1980 Decennial Census.

#### ACCURACY OF THE ESTIMATES

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

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

CPS undercoverage results from missed housing units and missed persons within sample households. Compared to the level of the 1980 Decennial Census, overall CPS undercoverage is about 7 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. As described previously, ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-Hispanic group. Furthermore, the independent population controls 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 3, *An Error Profile: Employment as Measured by the Current Population Survey*, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978, and Technical Paper 40, *The Current Population Survey: Design and Methodology*, Bureau of the Census, U.S. Department of Commerce.

**Sampling Variability.** Sampling variability is variation that occurred by chance because a sample was surveyed rather than the entire population. Standard errors, as calculated by methods described later in "Standard Errors and Their Use," are primarily measures of sampling variability, although they may include some nonsampling error.

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

Caution should also be used when comparing estimates in this microdata file, which reflect 1980 census-based population controls, with estimates for 1980 and earlier years, which reflect 1970 census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions, but did have a significant impact on levels. For example, use of 1980 based population controls results in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1981 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

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

**Note When Using Small Estimates.** Because of the large standard errors involved, summary measures (such as medians and percentage distributions) would probably not reveal useful information when computed on a smaller base than 75,000.

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

**Standard Errors and Their Use.** A number of approximations are required to derive, at a moderate cost, standard errors applicable to all the estimates in this microdata file. Instead of providing an individual standard error for each estimate, parameters are provided to calculate standard errors for various types of characteristics. These parameters are listed in Table 1.

The sample estimate and its standard error enable one to construct a confidence interval, a range that would include the average result of all possible samples with a known probability. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

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

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. One common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of males 18 to 24 years old enrolled in college to the percentage of females in the same age group enrolled in college.

Tests may be performed at various levels of significance, where a significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. To conclude that two parameters are different at the 0.10 level of significance the absolute value of the estimated difference between characteristics must be greater than or equal to 1.6 times the standard error of the difference.

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

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

$$s_x = \sqrt{- (b/T)x^2 + bx} \quad (1)$$

Here  $x$  is the size of the estimate,  $T$  is the total number of persons in a specific age group and  $b$  is the parameter in Table 1 associated with the particular type of characteristic. If  $T$  is not known, for Total or White use 100,000,000; for Blacks and Hispanic use 10,000,000. When calculating standard errors for numbers from cross-tabulations involving different characteristics, use the factor or set of parameters for the characteristic which will give the largest standard error.

*Illustration.* There were 3,292,000 3 and 4 year olds enrolled in school and 7,415,000 children in that age group in October 1990. Using formula (1) with  $b = 2,882$  from Table 1, the approximate standard error is

$$s_x = \sqrt{- \frac{2,882}{7,415,000} \times 3,292,000^2 + 2,882 \times 3,292,000} = 73,000$$

The 90-percent confidence interval for this estimate is from 3,175,000 to 3,409,000, i.e.,  $3,292,000 \pm 1.6 \times 73,000$ . Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

**Standard Errors of Estimated Percentages.** The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 1 indicated by the numerator.

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

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

Here  $x$  is the total number of persons, families, households, or unrelated individuals in the base of the percentage,  $p$  is the percentage ( $0 \leq p \leq 100$ ), and  $b$  is the parameter in Table 1 associated with the characteristic in the numerator of the percentage.

*Illustration.* Of the 14,247,000 persons aged 18 to 21, 40.6 percent were enrolled in college in 1990. Using formula (2) with  $b = 2,532$  from Table 1, the approximate standard error on an estimate of the percent of 18 to 21 year olds enrolled in school is

$$S_{x,p} = \sqrt{\frac{2,532}{14,247,000} \times 40.6 \times (100.0 - 40.6)} = 0.7$$

The 90-percent confidence interval for the estimated percentage of persons aged 18 to 21 in 1989 enrolled in college is from 39.5 to 41.7 percent, i.e.,  $40.6 \pm 1.6 \times 0.7$ .

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

$$S_{x-y} = \sqrt{s_x^2 + s_y^2} \quad (3)$$

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

*Illustration.* In October 1990, of the 6,993,000 males 18 to 21 years old, 40.1 percent were enrolled in college and of the 7,254,000 females of the same age group, 41.1 percent were enrolled in college. The apparent difference is 1.0 percent. Using formula (2) and  $b = 2,532$  from Table 1, the standard error on the estimate of 40.1 percent is 0.9. Using formula (2) and  $b = 2,532$  from Table 1, the standard error on the estimate of 41.1 percent is 0.9.

Therefore using formula (3) the standard error of the estimated difference of 1.0 percent is about

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

The 90-percent confidence interval around the difference is from -1.1 to 3.1 percent, i.e.,  $1.0 \pm 1.6 \times 1.3$ . Since the interval does contain zero, we can not conclude with 90-percent confidence that the proportion of females aged 18 to 21 enrolled in college is greater than that for males.

**Table 1. 1990 Standard Error Parameters for School Enrollment**

Characteristics	Total or White b	Black b	Hispanic b
Persons Enrolled in School:			
Total.....	2,532	3,425	5,772
Children 13 and under .....	2,882	2,882	2,882
Marital Status .....	4,786	6,865	11,570
Household Characteristics:			
Head, Wife, or Primary Individual.....	1,899	1,716	2,892
Child or Other Relative in Primary Family, Secondary Family Member .....	4,786	6,865	11,570
Income, Earnings .....	2,485	2,485	2,234
Employment Status, Occupation:			
Both Sexes.....	2,485	2,485	2,234
Male .....	2,150	2,150	2,150
Female.....	1,843	1,843	1,843

Notes: The b parameters should be multiplied by 1.5 for nonmetropolitan residence categories.  
 The b parameters should be multiplied by 1.91 for farm characteristics.  
 The b parameters should be multiplied by the factors in Table 2 for regional data.

**Table 2. Regional Factors to Apply to 1990 b Parameters**

Type of Characteristic	factor
U.S. Totals:	1.00
Regions:	
Northeast	0.74
Midwest	0.98
South	1.04
West	1.06



## ATTACHMENT 17

### User Notes

This section will contain information relevant to the Current Population Survey, October 1990: School Enrollment file that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.

User Notes will be sent to all users who (1) purchased their file (or technical documentation) from the Census Bureau and (2) returned the coupon on the following page.





## UPDATE INFORMATION

Additional information concerning this file may be available at a later date. If you received this technical documentation (with or without tape purchase) from the Census Bureau and wish to receive these User Notes, please complete the coupon below and return it to:

Data User Services Division  
Data Access and Use Staff  
Bureau of the Census  
Washington, D.C. 20233

\* \* \* \* \*

Name of File: **Current Population Survey, October 1990: School Enrollment**

Please send me any information which might become available later concerning the file listed:

Name:

Address:

Phone: