

CURRENT POPULATION SURVEY, JANUARY 1991: JOB TRAINING
(ICPSR 9716)

Principal Investigator
United States Department of Commerce
Bureau of the Census

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Inter-university Consortium for
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P.O. Box 1248
Ann Arbor, Michigan 48106

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United States Department of Commerce. Bureau of the Census
CURRENT POPULATION SURVEY, JANUARY 1991: JOB TRAINING (ICPSR 9716)

SUMMARY: This collection provides data on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons aged 14 and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Spanish origin. The collection contains a supplement that includes data on skills and training that workers needed to obtain their current or last job, on-the-job training, skills used on the last job, and workers' perceptions about the adequacy of their skills. This supplement makes it possible to analyze changes in occupation and to assess the relative stability of employment in various industries and occupations. Questions were asked of all persons 15 years of age or older living in households, who were members of the experienced labor force, whether they were currently employed or not. CLASS IV

UNIVERSE: Civilian noninstitutional population of the United States living in households.

SAMPLING: The probability sample selected to represent the universe consists of approximately 57,000 households.

EXTENT OF COLLECTION: 1 data file + data collection instrument

EXTENT OF PROCESSING: CONCH.PI/ MDATA/ UNDOCCHK.PI

DATA FORMAT: Logical Record Length

File Structure: rectangular

Cases: 163,174

Variables: 330

Record Length: 440

Records Per Case: 1

CURRENT POPULATION SURVEY, JANUARY 1991: JOB TRAINING

Technical Documentation CPS-91-1

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview January 1991 Job Training 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 Interview Data Dictionary
Attachment 8	Current Population Survey Armed Forces Interview Data Dictionary
Attachment 9	Current Population Survey, January 1991: Job Training Supplement Data Dictionary
Attachment 10	Questionnaire Facsimile
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Attachment 13	Specific Metropolitan Identifiers
Attachment 14	Topcoding of Usual Hourly Earnings
Attachment 15	Source and Accuracy Statement for the Job Training Microdata File: January 1991
Attachment 16	Users 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.

ATTACHMENT 1

ABSTRACT

Current Population Survey, January 1991: Job Training [machine-readable data file] / conducted by the Bureau of the Census for the Employment and Training Administration. Washington: The Bureau [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 job training supplement was asked of all persons who were either working or temporarily absent from their jobs, as well as the experienced unemployed. This supplement makes it possible to analyze changes in occupation and to provide insight into the relative stability of employment in various industries and occupations.

Geographic Coverage

State of residence is uniquely identified as well as census geographic division and region. The 113 largest metropolitan areas (CMSA's or MSA's), 89 selected MSA's, 66 selected PMSA's, and 30 central cities in multi-central city MSA's or PMSA's also are uniquely identified¹. 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: 163,174 logical records; 440 character logical record length.

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

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

Reference Materials

Current Population Survey January 1991: Job Training Technical Documentation. Documentation contains this abstract, including ordering information, an overview, definitions, a questionnaire facsimile, code lists, and record layouts of the file. One copy accompanies each file order. Additional copies are available for \$10 each from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233. Phone: (301) 763-4100.

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 is also available on microfiche from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. [2 microfiche \$10; 179 pages (paperprints) \$33.] Make check payable to Commerce/Census.

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ATTACHMENT 2

OVERVIEW

January 1991 Job Training Survey

General

The January 1991 Job Training Survey was conducted as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 57,000 households across the Nation. Attachment 10 contains a facsimile of the January 1991 job training supplement questions asked of all applicable persons 15 years old or older.

Attachment 2 comprises a description of the CPS entitled "Overview-Current Population Survey." A description of the January 1991 Job Training Survey follows.

Data Collection

The job training questions were asked of all persons 15 years of age or older, who were members of the experienced labor force. Items 30 through 46 record information about the skills and training workers needed to obtain their current or last job and about training received to improve their skills once on that job. Item 47 determined the frequency that workers used reading, writing, arithmetic, and computer skills on their job. Items 48 through 51 asked the respondent's opinion about the adequacy of their skills in these areas.

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 conducted completely and accurately. These field representatives were notified of inconsistencies or omissions detected during this editing process.

Data Processing

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

Edit. The data processing involved a consistency edit of all supplement items. This 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. No items were allocated in the January edit.

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

Weighting. There is no supplement weight associated with the January 1991 Job Training supplement. Use the Basic CPS Weight for tallying the supplement items.

January 1991 CPS/Job Training Computer File

CPS Labor Force Data. The January 1991 CPS file contains 163,174 records. Each record contains 440 characters. Attachments 6-9 consist of the variable name, character size, location on record, universe, and the values of the variables.

The variable H-RECTYP (located in position 0101 on the CPS Basic Items Record Layout) 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 January 1991 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.

January 1991 Job Training Supplement Data. The January 1991 supplement data for adults are located in records 361-440. (See Attachment 9.)

Tallying the January 1991 Job Training Supplement File. The January 1991 supplement universe is comprised of all applicable persons 15 years or older in the experienced labor force. These individuals are determined as follows:

- 1) LFSR = 1 or 2
- 2) LFSR = 3 or 4 and A-CLSWKR ≠ (not equal) to 8

Unweighted Counts. Below is a tally listing of unweighted counts. Use these counts to ensure that the file is being properly accessed.

The values of H-RECTYP are:

	Unweighted Counts
1 = (Interview Adults)	114,234
2 = (Type A)	2,528
3 = (Type B/C)	11,655
4 = (Armed Forces)	632
5 = (Children)	34,125

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

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),¹ 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 (I-24)=2
    A-WANT JB (I-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
```


Machine-Readable 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. 6-4 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
.	" "	COL	14
DESCRIPTION	Value description	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 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	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-HNTYPE=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-HNTYPE=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-HNTYPE=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 or storage
Other unit			V	06	.Converted to temp. business
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-TELHND 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-TELHND=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-TELHND=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 HHL D

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

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,
            .no error

D HXRACE   1 60
V         0 .No change
V         1 .Value to blank
V         4 .Allocated

D HXCPSCHK 1 61
V         0 .No change
V         2 .Blank to value

D HXDAYCMP 1 62
V         0 .No change
V         2 .Blank to value

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

D HXINTRV  1 64
V         0 .No change
V         2 .Blank to value

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

D HXOCCINT 1 66
V         0 .No change
V         1 .Value to blank
V         4 .Allocated

D HXRESPNM 1 67
V         0 .No change
V         2 .Blank to value

D HXSEASON 1 68
V         0 .No change
V         1 .Value to blank
V         4 .Allocated

D HXSTATUS 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	DATA	SIZE	BEGIN
D HXAREASN	1	70	V	45	.South Dakota
V	0	.No change	V	46	.Nebraska
V	1	.Value to blank	V	47	.Kansas
D HXTYPEBC	1	71			South Region (Region 3)
V	0	.No change			South Atlantic Division (Div. 5)
V	1	.Value to blank	V	51	.Delaware
D HXTELHHD	1	72	V	52	.Maryland
V	0	.No change	V	53	.District of Columbia
V	1	.Value to blank	V	54	.Virginia
V	4	.Allocated	V	55	.West Virginia
D HXTELA VL	1	73	V	56	.North Carolina
V	0	.No change	V	57	.South Carolina
V	1	.Value to blank	V	58	.Georgia
V	4	.Allocated	V	59	.Florida
D HXTELINT	1	74			East South Central Division (Div. 6)
V	0	.No change	V	61	.Kentucky
V	1	.Value to blank	V	62	.Tennessee
V	4	.Allocated	V	63	.Alabama
D HXPRSCNT	1	75	V	64	.Mississippi
V	0	.No change			West South Central Division (Div. 7)
V	2	.Blank to value	V	71	.Arkansas
D HXTIMINT	1	76	V	72	.Louisiana
V	0	.No change	V	73	.Oklahoma
V	2	.Blank to value	V	74	.Texas
D HXTELCNT	1	77			West Region (Region 4)
V	0	.No change			Mountain Division (Div. 8)
V	7	.Blank to NA - no error	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-STRM	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
			V		.population
					(See Geographic Appendix)
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

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

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

D A-RRP 2 116
 Item 188 - Relationship to
 reference person
 U All
 V 1 .Reference person with other
 .relatives in HHLd
 V 2 .Reference person with no other
 .relatives in HHLd
 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 .Non-relative of reference
 .person with own relatives in HHLd
 V 10 .Non-relative of reference
 .person-no own relatives in HHLd

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

D A-AGE 2 120
 Item 18D - Age
 U All
 V 15-90 .Adult age (Age topcoded
 .at 90)

D A-MARITL 1 122
 Item 18E - Marital status

DATA SIZE BEGIN

U All
 V 1 .Married - civilian spouse
 .present
 V 2 .Married - AF spouse present
 V 3 .Married - spouse absent
 .(Exc. separated)
 V 4 .Widowed
 V 5 .Divorced
 V 6 .Separated
 V 7 .Never married

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

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

D A-VET 1 126
 Item 18G - Veteran status
 U All
 V 1 .Vietnam era
 V 2 .Korean War
 V 3 .World War II
 V 4 .World War I
 V 5 .Other service
 V 6 .Nonveteran

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

D A-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 Island
 V 5 .Other

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,
 V .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
 V .30 days
 V 6 .Temporary layoff (Under 30
 V .days)
 V 7 .Indefinite layoff (30 days or
 V .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 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-NLFRJ=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-NLFRJ 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

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
 .conditions
 V 6 .Temporary nonseasonal job
 .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

 * Item24D - 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

DATA	SIZE	BEGIN
D A-UNMEM	1	188
Item 25E - On this job, is ... a member of a labor union or of an employee association similar to a union		
U A-EARNRT (I-25)=2		
V	-1	.Not in universe
V	1	.Yes
V	2	.No
D A-UNCOV	1	189
Item 25F - On this job, is ... covered by a union or employee association contract		
U A-UNMEM (I-25E)=2		
V	-1	.Not in universe
V	1	.Yes
V	2	.No
D A-ENRCHK	1	190
Item 26 - Interviewer check item		
U All		
V	1	.This person is 16-24 years of age
V	2	.All others
D A-ENRLW	1	191
Item 26A1 - Last week was ... attending or enrolled in a high school, college or university		
U A-ENRCHK (I-26)=1		
V	-1	.Not in universe
V	1	.Yes
V	2	.No
D A-HSCOL	1	192
Item 26A2		
U A-ENRLW (I-26A1)=1		
V	-1	.Not in universe
V	1	.High school
V	2	.College or university
D A-FTPT	1	193
Item 26B - Is ... enrolled in school as a full-time or part-time student		
U A-ENRLW (I-26A1)=1		
V	-1	.Not in universe
V	1	.Full time
V	2	.Part time

*	Adult Recodes	

D A-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 A-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

DATA	SIZE	BEGIN
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 A-LFSR	1	198
Labor force status recode		
U All		
V	1	.Working
V	2	.With job, not at work
V	3	.Unemployed, looking for work
V	4	.Unemployed, on layoff
V	5	.NILF - working w/o pay < 15 hrs
V		.Temp. absent from w/o pay job
V	6	.NILF - unavailable
V	7	.Other NILF
D A-UNTYPE	1	199
Reason for unemployment		
U A-LFSR=3 or 4		
V	-1	.Not in universe
V	1	.Job loser - on layoff
V	2	.Other job loser
V	3	.Job leaver
V	4	.Re-entrant
V	5	.New entrant
D A-NLFREA	2	200
Current activity/reason not looking for NILF reason		
U LFSR=5, 6 or 7 and MIS=4 or 8		
V	-1	.Not in universe
V	1	.School
V	2	.Ill, disabled
V	3	.Keeping house
V	4	.Retired or old age
V	5	.No desire
V	6	.Employers think too young or old
V	7	.Lacks education or training
V	8	.Other personal reason
V	9	.Could not find work
V	10	.Thinks no job available
V	11	.Other
D A-WKSTAT	1	202
Full/part-time status		
U All		
V	1	.Not in labor force
V	2	.Full-time schedules
V	3	.Part-time for economic reasons, usually full-time
V	4	.Part-time for non-economic reasons, usually part-time
V	5	.Part-time for economic reasons, usually part-time
V	6	.Unemployed full-time
V	7	.Unemployed part-time
D A-EXPLF	1	203
Experienced labor force employment status		
U LFSR=1-4 and A-COW NE 8		
V	-1	.Not in experienced labor force
V	1	.Employed
V	2	.Unemployed

CURRENT POPULATION SURVEY - ADULT INTERVIEW

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D A-WKSCH	1	204	V	04	.Job terminated
Labor force by time worked or lost			V	05	.Holiday
U LFSR=1-4			V	06	.Labor dispute
V	-1	.Not in universe	V	07	.Bad weather
V	1	.At work	V	08	.Own illness
V	2	.With job, not at work	V	09	.On vacation
V	3	.Unemployed, seeks full-time	V	10	.All other
V	4	.Unemployed, seeks part-time			Usually work part-time
D A-CIVLF	1	205	V	11	.Slack work
Civilian labor force			V	12	.Could find only part-time
U LFSR=1-4			V	13	.Own illness
V	-1	.Not in universe	V	14	.Too busy or did not want
V	1	.In universe	V		.full-time
D A-FTLF	1	206	V	15	.Full-time under 35 hours
Full-time labor force			V	16	.Other
U LFSR=1-4 and Full-time			D A-ABSREA	2	213
V	-1	.Not in universe	Reason not at work and pay status		
V	1	.In universe	U LFSR=2		
D A-EMPHRS	2	207	V	-1	.Not in universe
Reasons not at work or hours at work					Usually work full-time paid
U LFSR=1 or 2			V	01	.Vacation
V	-1	.Not in universe	V	02	.Illness
With a job, but not at work			V	03	.All other
V	01	.Illness			Not paid
V	02	.Vacation	V	04	.Vacation
V	03	.Bad weather	V	05	.Illness
V	04	.Labor dispute	V	06	.All other
V	05	.All other			Usually work part-time paid
At work			V	07	.Vacation
V	06	.1-4 hours	V	08	.Illness
V	07	.5-14 hours	V	09	.All other
V	08	.15-21 hours			Not paid
V	09	.22-29 hours	V	10	.Vacation
V	10	.30-34 hours	V	11	.Illness
V	11	.35-39 hours	V	12	.All other
V	12	.40 hours	D A-AG-NA	1	215
V	13	.41-47 hours	V	-1	.Not in universe
V	14	.48 hours	U All		
V	15	.49-59 hours	V	1	.Agriculture industry
V	16	.60 hours or more	V	2	.Nonagriculture industry
D A-PTHR	2	209	D A-MJIND	2	216
At work 1-34 hours by hours at work			Major industry code		
U LFSR=1 and I20A<35			U A-CLSWKR=1-7		
V	-1	.Not in universe	V	-1	.Not in universe
V	00	.Usually full-time, part-time	V	01	.Agriculture
for non-economic reasons			V	02	.Mining
Usually work full-time, part-time			V	03	.Construction
for economic reasons					Manufacturing
V	01	.1-4 hours	V	04	.Manufacturing-durable goods
V	02	.5-14 hours	V	05	.Manufacturing-nondurable goods
V	03	.15-29 hours			Transportation,communications,and other
V	04	.30-34 hours			public utilities
Usually work part-time, economic reasons			V	06	.Transportation
V	05	.1-4 hours	V	07	.Communications
V	06	.5-14 hours	V	08	.Utilities and sanitary services
V	07	.15-29 hours			Wholesale and retail trade
V	08	.30-34 hours	V	09	.Wholesale trade
Usually work part-time, noneconomic reasons			V	10	.Retail trade
V	09	.1-4 hours	V	11	.Finance,insurance and real
V	10	.5-14 hours			estate
V	11	.15-29 hours			Services (12-20)
V	12	.30-34 hours	V	12	.Private household
D A-PTREA	2	211			Miscellaneous services
Detailed reason for part-time			V	13	.Business and repair
U LFSR=1 and I20A < 35			V	14	.Personal services, except
V	-1	.Not in universe			.private household
Usually work full-time			V	15	.Entertainment
V	01	.Slack work			Professional and related services
V	02	.Material shortages, plant	V	16	.Hospital
repair			V	17	.Medical, except hospital
V	03	.New job started	V	18	.Educational
			V	19	.Social services

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

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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-ECRNLT	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)
V			
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-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
D A-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 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
Family weight - two implied decimal places		
U All		
D A-FMEWGT	8	302
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 AXPARENT	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

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DATA	SIZE	BEGIN
D AXORIGIN	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 AXLFSR	1	322
	Labor force status recode allocation flag	
V	0	.No change
V	4	.Allocated
D AXMAJACT	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 AXANYWK	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 AXHRS	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 AXHRSCHK	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 AXUSLFT	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 AXFTREAS	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 AXLOSTIM	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 AXOVRTIM	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 AXJOBABS	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 AXWHYABS	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 AXPAYABS	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 AXFTABS	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 AXLKWK	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 AXMTHD	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 AXWHYLK	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 AXWKSJK	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 AXLKFTPT	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 AXAVAIL	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 AXWHYNA	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 AXWHENLJ	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

D AXIND 1 343
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXOCC 1 344
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXCLSWKR 1 345
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXNLFJ 1 346
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXWHYLF 1 347
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXWANTJB 1 348
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXWHYNL 1 349
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXINTEND 1 350
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXJSLHRS 1 351
 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 AXHRLYWK 1 352
 V -1 .Not in universe
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXHRSPAY 1 353
 V -1 .Not in universe
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXGRSWK 1 354
 V -1 .Not in Universe
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXJNMEM 1 355
 V -1 .Not in universe
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXJUNCOV 1 356
 V -1 .Not in universe
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXENRCHK 1 357
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXENRLW 1 358
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXHSCOL 1 359
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 V 4 .Allocated

D AXFTPT 1 360
 V 0 .No change
 V 1 .Value to blank
 V 2 .Blank to value
 V 3 .Value to value
 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		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-RESPNH	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
					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 27B - HHLHD 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-TININT 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-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-HHWT	9	49
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 HXRACE	1	60
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D HXCPSCHK	1	61
V	0	.No change
V	2	.Blank to value
D HXDAYCMP	1	62
V	0	.No change
V	2	.Blank to value
D HXHHNUM	1	63
V	0	.No change
V	2	.Blank to value
V	8	.Blank to NA - error
D HXINTRV	1	64
V	0	.No change
V	2	.Blank to value
D HXLIVQRT	1	65
V	0	.No change
V	4	.Allocated
V	7	.Blank to NA - no error
D HXOCCINT	1	66
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D HXRESPNM	1	67
V	0	.No change
V	2	.Blank to value
D HXSEASON	1	68
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D HXSTATUS	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	DATA	SIZE	BEGIN
D HXAREASN	1	70	V	45	.South Dakota
V	0	.No change	V	46	.Nebraska
V	1	.Value to blank	V	47	.Kansas
D HXTYPEBC	1	71			South Region (Region 3)
V	0	.No change			South Atlantic Division (Div. 5)
V	1	.Value to blank	V	51	.Delaware
D HXTELHHD	1	72	V	52	.Maryland
V	0	.No change	V	53	.District of Columbia
V	1	.Value to blank	V	54	.Virginia
V	4	.Allocated	V	55	.West Virginia
D HXTELAVL	1	73	V	56	.North Carolina
V	0	.No change	V	57	.South Carolina
V	1	.Value to blank	V	58	.Georgia
V	4	.Allocated	V	59	.Florida
D HXTELINT	1	74			East South Central Division (Div. 6)
V	0	.No change	V	61	.Kentucky
V	1	.Value to blank	V	62	.Tennessee
V	4	.Allocated	V	63	.Alabama
D HXPRSCNT	1	75	V	64	.Mississippi
V	0	.No change			West South Central Division (Div. 7)
V	2	.Blank to value	V	71	.Arkansas
D HXTIMINT	1	76	V	72	.Louisiana
V	0	.No change	V	73	.Oklahoma
V	2	.Blank to value	V	74	.Texas
D HXTELCNT	1	77			West Region (Region 4)
V	0	.No change			Mountain Division (Div. 8)
V	7	.Blank to NA - no error	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-STRM	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
			V		.population
					(See Geographic Appendix)
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

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

V .(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

```

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 CXLINENO   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 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	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-CPSCCHK	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-DAYCHP	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
			Type C		
			V	11	.Demolished
			V	12	.House or trailer moved
			V	13	.Outside segment

CURRENT POPULATION SURVEY - ARMED FORCES 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-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 DICTIONARY

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 HHL D
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 D		
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 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 HXARACE	1	60
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D HXCPSCHK	1	61
V	0	.No change
V	2	.Blank to value
D HXDAYCMP	1	62
V	0	.No change
V	2	.Blank to value
D HXHHNUM	1	63
V	0	.No change
V	2	.Blank to value
V	8	.Blank to NA - error
D HXINTRV	1	64
V	0	.No change
V	2	.Blank to value
D HXLIVQRT	1	65
V	0	.No change
V	4	.Allocated
V	7	.Blank to NA - no error
D HXOCCINT	1	66
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D HXRESPNM	1	67
V	0	.No change
V	2	.Blank to value
D HXSEASON	1	68
V	0	.No change
V	1	.Value to blank
V	4	.Allocated
D HXSTATUS	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	DATA	SIZE	BEGIN
D HXAREASN	1	70	V	45	.South Dakota
V	0	.No change	V	46	.Nebraska
V	1	.Value to blank	V	47	.Kansas
D HXTYPEBC	1	71			South Region (Region 3)
V	0	.No change			South Atlantic Division (Div. 5)
V	1	.Value to blank	V	51	.Delaware
D HXTELHHD	1	72	V	52	.Maryland
V	0	.No change	V	53	.District of Columbia
V	1	.Value to blank	V	54	.Virginia
V	4	.Allocated	V	55	.West Virginia
D HXTELAVL	1	73	V	56	.North Carolina
V	0	.No change	V	57	.South Carolina
V	1	.Value to blank	V	58	.Georgia
V	4	.Allocated	V	59	.Florida
D HXTELINT	1	74			East South Central Division (Div. 6)
V	0	.No change	V	61	.Kentucky
V	1	.Value to blank	V	62	.Tennessee
V	4	.Allocated	V	63	.Alabama
D HXPRSCNT	1	75	V	64	.Mississippi
V	0	.No change			West South Central Division (Div. 7)
V	2	.Blank to value	V	71	.Arkansas
D HXTIMINT	1	76	V	72	.Louisiana
V	0	.No change	V	73	.Oklahoma
V	2	.Blank to value	V	74	.Texas
D HXTELCNT	1	77			West Region (Region 4)
V	0	.No change			Mountain Division (Div. 8)
V	7	.Blank to NA - no error	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-REG	1	78	D HG-STRN	2	81
Region			1980 State rank		
V	1	.Northeast	(See Geographic Appendix)		
V	2	.Midwest	D HG-FIPS	2	83
V	3	.South	FIPS State code		
V	4	.West	(See Geographic Appendix)		
D HG-ST60	2	79	D HG-MSAS	1	85
1960 Census state code (first			MSA status		
digit = geog. division code)			V	1	.In MSA, in CC
Northeast Region (Region 1)			V	2	.In MSA, not in CC
New England Division (Div. 1)			V	3	.Not in MSA
V	11	.Maine	V	4	.Not identified
V	12	.New Hampshire	D HG-MSAC	4	86
V	13	.Vermont	MSA or PMSA FIPS code		
V	14	.Massachusetts	V	0000	.Not MSA/PMSA, not identified
V	15	.Rhode Island	V	0040-9340	.MST/PMSA code
V	16	.Connecticut	(See Geographic Appendix)		
Middle Atlantic Division (Div. 2)			D HG-PMSA	2	90
V	21	.New York	PMSA rank		
V	22	.New Jersey	V	00	.Not a PMSA, not identified
V	23	.Pennsylvania	V	01-12	.Ranking of PMSA within its CMSA
Midwest Region (Region 2)			(See Geographic Appendix)		
East North Central Division (Div. 3)			D HG-MSAR	3	92
V	31	.Ohio	MSA or CMSA rank		
V	32	.Indiana	V	000	.Not an MSA, not identified
V	33	.Illinois	V	001-252	.Ranking of MSAs or CMSAs by
V	34	.Michigan	.population		
V	35	.Wisconsin	(See Geographic Appendix)		
West North Central Division (Div. 4)					
V	41	.Minnesota			
V	42	.Iowa			
V	43	.Missouri			
V	44	.North Dakota			

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

DATA DICTIONARY

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 188 - 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

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
 V .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
 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 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	DATA	SIZE	BEGIN
D M-LFESM	1	283	D M-PFNOEM	1	292
Labor force and earner status (male) of husband of primary family or male householder			Number of employed in primary family 16+		
U All			V -1	.Not in universe	
V 0	.Not in primary family/no male		V 0	.No one employed	
V 1	.Employed earner		V 1-8	.1-8 employed	
V 2	.Self-employed		V 9	.9+ employed	
V 3	.Without pay		D M-PFNOUN	1	293
V 4	.Unemployed		Number of unemployed in primary family 16+		
V 5	.Not in labor force		U All		
V 6	.Armed Forces		V -1	.Not in universe (not in .primary family)	
D M-LFESF	1	284	V 0	.No unemployed	
Labor force and earner status (female) of wife of primary family or female householder			V 1-8	.1-8 unemployed	
U All			V 9	.9+ unemployed	
V 0	.Not in primary family/no female		D M-FAMWGT	8	294 2
V 1	.Employed earner		Family weight - Two implied decimal places		
V 2	.Self-employed		U All		
V 3	.Without pay		D M-FMEWGT	8	302 2
V 4	.Unemployed		Family earnings weight (2 implied decimal places)		
V 5	.Not in labor force		*****		
V 6	.Armed Forces		* Allocation Flags *		
D M-PFWS	1	285	*****		
Primary family earners wage and salary status (16+)			D MXLINENO	1	310
U All			Line number allocation flag		
V -1	.Not in primary family		V 0	.No change	
V 0	.Not in primary family		V 2	.Blank to value	
V 1	.No one employed		V 3	.Value to value	
V 2	.Some employed - no wage and salary workers		D MXRRP	1	311
V 3	.With wage and salary workers, husband/wife or reference person, self-employed		Relationship to reference person allocation flag		
V 4	.With wage and salary workers, husband/wife or reference person not self-employed, other household member self-employed		V 0	.No change	
V 5	.With wage and salary workers only		V 2	.Blank to value	
D M-PFFTPT	1	286	V 3	.Value to value	
Usual full-time/part-time status of primary family earners (16+)			V 5	.Value to value - no error	
U H-MIS=4 or 8			D MXPARENT	1	312
V -1	.Not in universe (MIS 1,2,3,5,6,7)		Parent's line number allocation flag		
V 0	.Not in primary family		V 0	.No change	
V 1	.No earners		V 2	.Blank to value	
V 2	.All earners full time		V 3	.Value to value	
V 3	.Some full time, some part time		V 5	.Value to value - no error	
V 4	.All earners part time		D MXAGE	1	313
V 5	.Not in universe		Age allocation flag		
D M-PFEARN	4	287	V 0	.No change	
Total weekly family earnings (for members 16+)			V 2	.Blank to value	
U H-MIS=4 or 8			V 4	.Allocated	
V -1	.Not in primary family or .not in universe		D MXMARITL	1	314
V 0000-9999	.Usual weekly family earnings		Marital status allocation flag		
D M-PFNOER	1	291	V 0	.No change	
Number of earners in primary family 16+			V 2	.Blank to value	
U All			V 3	.Value to value	
V -1	.Not in universe (not in .primary family)		V 4	.Allocated	
V 0	.No earners		V 5	.Value to value - no error	
V 1-8	.1-8 earners		D MXSPOUSE	1	315
V 9	.9+ earners		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, January 1991:
Job Training Supplement Data Dictionary

Universe

- A-S30 CHARACTER*001 . (0361:0361) A-LFSR = 1 or 2
WAS . . . WORKING A YEAR AGO, IN JANUARY 1990?
-1 = BLANK
1 = YES (ASK 31)
2 = NO (SKIP TO 33)
9 = NO RESPONSE
- A-S31 CHARACTER*001 . (0362:0362) A-S30 = 1
WAS . . . DOING THE SAME KIND OF WORK A YEAR
AGO, IN JANUARY 1990.
-1 = BLANK
1 = YES (SKIP TO 33)
2 = NO (ASK 32)
9 = NO RESPONSE
- A-S32B CHARACTER*003 . (0363:0365) A-S31 = 2
WHAT KIND OF BUSINESS OR INDUSTRY WAS THIS?
-1 = BLANK
000-992 = INDUSTRY CODE
999 = NO RESPONSE
- A-S32C CHARACTER*004 . (0366:0369) A-S31 = 2
WHAT KIND OF WORK WAS . . . DOING ?
-1 = BLANK
003-999 = OCCUPATION CODE
9999 = NO RESPONSE
- A-S32E CHARACTER*001 . (0370:0370) A-S31 = 2
WAS THIS PERSON EMPLOYED BY:
-1 = BLANK
1 = PRIVATE
2 = FEDERAL GOVERNMENT
3 = STATE GOVERNMENT
4 = LOCAL GOVERNMENT
SELF-EMPLOYMENT - INCORPORATED
5 = YES
6 = NO
7 = WITHOUT PAY
9 = NO RESPONSE
- A-S33 CHARACTER*003 . (0371:0373) A-LFSR = 1 or 2
ALTOGETHER, HOW LONG HAS . . . DONE THE KIND
OF WORK . . . IS DOING NOW?
-1 = BLANK
00 - 99 = YEARS
999 = NO RESPONSE

UNIVERSE

- A-S34Y CHARACTER*003 . (0374:0376) A-LFSR = 1 or 2
HOW LONG HAS . . . BEEN WORKING
CONTINUOUSLY FOR THE PRESENT EMPLOYER
(OR AS SELF-EMPLOYED)?
-1 = BLANK
00 - 99 = YEARS
999 = NO RESPONSE
- A-S34M CHARACTER*002 . (0377:0378) A-LFSR = 1 or 2
HOW LONG HAS . . . BEEN WORKING
CONTINUOUSLY FOR THE PRESENT EMPLOYER
(OR AS SELF-EMPLOYED)?
-1 = BLANK
00 - 11 = MONTHS
99 = NO RESPONSE
- A-S35 CHARACTER*001 . (0379:0379) A-LFSR = 1-4
DID YOU NEED SPECIFIC SKILLS OR TRAINING AND
TO OBTAIN YOUR CURRENT (LAST) JOB ? A-CLSWKR ≠ 8
-1 = BLANK
1 = YES (ASK 36)
2 = NO SKIP TO 37)
9 = NO RESPONSE
- A-S36A CHARACTER*001 . (0380:0380) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = A TRAINING PROGRAM IN A HIGH SCHOOL OR
POST-SECONDARY SCHOOL, INCLUDING
COLLEGES AND UNIVERSITIES.
9 = NO RESPONSE
- A-S36B CHARACTER*001 . (0381:0381) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = A FORMAL COMPANY TRAINING PROGRAM,
INCLUDING APPRENTICESHIPS
9 = NO RESPONSE

UNIVERSE

- A-S36C CHARACTER*001 . (0382:0382) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = INFORMAL ON-THE-JOB TRAINING.
9 = NO RESPONSE
- A-S36D CHARACTER*001 . (0383:0383) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = TRAINING RECEIVED IN THE ARMED FORCES.
9 = NO RESPONSE
- A-S36E CHARACTER*001 . (0384:0384) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = A CORRESPONDENCE COURSE.
9 = NO RESPONSE
- A-S36F CHARACTER*001 . (0385:0385) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = INFORMAL TRAINING FROM A FRIEND
OR RELATIVE OR OTHER
EXPERIENCE NOT RELATED TO WORK.
9 = NO RESPONSE
- A-S36G CHARACTER*001 . (0386:0386) A-S35 = 1
DID YOU OBTAIN THOSE SKILLS OR TRAINING
THROUGH ONE OR MORE OF THE FOLLOWING:
-1 = BLANK
1 = OTHER
9 = NO RESPONSE
- A-S38 CHARACTER*001 . (0387:0387) A-LFSR = 1 or 2
SINCE YOU OBTAINED YOUR PRESENT JOB DID
YOU TAKE ANY TRAINING TO IMPROVE YOUR
SKILLS?
-1 = BLANK
1 = YES (ASK 38A)
2 = NO (SKIP TO 40)
9 = NO RESPONSE

UNIVERSE

- A-S38A1 CHARACTER*001 . (0388:0388) A-S38 = 1
WHAT KIND OF TRAINING DID YOU TAKE?
-1 = BLANK
1 = READING, WRITING, OR MATH SKILLS
9 = NO RESPONSE
- A-S38A2 CHARACTER*001 . (0389:0389) A-S38 = 1
WHAT KIND OF TRAINING DID YOU TAKE?
-1 = BLANK
1 = COMPUTER-RELATED SKILLS
9 = NO RESPONSE
- A-S38A3 CHARACTER*001 . (0390:0390) A-S38 = 1
WHAT KIND OF TRAINING DID YOU TAKE?
-1 = BLANK
1 = OTHER TECH. SKILLS SPECIFIC TO YOUR OCC.
9 = NO RESPONSE
- A-S38A4 CHARACTER*001 . (0391:0391) A-S38 = 1
WHAT KIND OF TRAINING DID YOU TAKE?
-1 = BLANK
1 = MANAGERIAL OR SUPERVISORY SKILLS
9 = NO RESPONSE
- A-S38A5 CHARACTER*001 . (0392:0392) A-S38 = 1
WHAT KIND OF TRAINING DID YOU TAKE?
-1 = BLANK
1 = OTHER
9 = NO RESPONSE
- A-S39A CHARACTER*001 . (0393:0393) A-S38 = 1
DID YOU TAKE THE TRAINING IN:
-1 = BLANK
1 = SCHOOL?
9 = NO RESPONSE
- A-S39B CHARACTER*001 . (0394:0394) A-S38 = 1
DID YOU TAKE THE TRAINING IN:
-1 = BLANK
1 = A FORMAL COMPANY TRAINING PROGRAM?
9 = NO RESPONSE

UNIVERSE

- A-S39C CHARACTER*001 . (0395:0395) A-S38 = 1
DID YOU TAKE THE TRAINING IN:
-1 = BLANK
1 = INFORMAL ON-THE-JOB?
9 = NO RESPONSE
- A-S39D CHARACTER*001 . (0396:0396) A-S38 = 1
DID YOU TAKE THE TRAINING IN:
-1 = BLANK
1 = OTHER?
9 = NO RESPONSE
- A-S40A CHARACTER*001 . (0397:0397) A-S36A = 1
CHECK ITEM
-1 = BLANK
1 = ENTRY OF A IN ITEM 36. (ASK 41)
9 = NO RESPONSE
- A-S40B CHARACTER*001 . (0398:0398) A-S36B = 1
CHECK ITEM
-1 = BLANK
1 = ENTRY OF B IN ITEM 36. (SKIP TO 44)
9 = NO RESPONSE
- A-S40C CHARACTER*001 . (0399:0399) A-S39A = 1
CHECK ITEM
-1 = BLANK
1 = ENTRY OF A IN ITEM 39. (ASK 41)
9 = NO RESPONSE
- A-S40D CHARACTER*001 . (0400:0400) A-S39B = 1
CHECK ITEM
-1 = BLANK
1 = ENTRY OF B IN ITEM 39. (SKIP TO 44)
9 = NO RESPONSE
- A-S40E CHARACTER*001 . (0401:0401)
CHECK ITEM
-1 = BLANK
1 = NONE OF THE ABOVE (SKIP TO 47)
9 = NO RESPONSE

UNIVERSE

- A-S41A1 CHARACTER*001 . (0402:0402) A-S36A = 1
THESE QUESTIONS REFER TO THE IN SCHOOL
JOB-RELATED TRAINING YOU RECEIVED TO
(OBTAIN) (IMPROVE) YOUR CURRENT (LAST)
JOB. WAS THE TRAINING RECEIVED THROUGH:
-1 = BLANK
1 = A HIGH SCHOOL VOCATIONAL PROGRAM?
9 = NO RESPONSE
- A-S41A2 CHARACTER*001 . (0403:0403) A-S36A = 1
-1 = BLANK
1 = A POST-HIGH SCHOOL VOCATIONAL
SCHOOL PROGRAM?
9 = NO RESPONSE
- A-S41A3 CHARACTER*001 . (0404:0404) A-S36A = 1
-1 = BLANK
1 = JUNIOR OR COMM. COLLEGE OR
TECH. INSTITUTE?
9 = NO RESPONSE
- A-S41A4 CHARACTER*001 . (0405:0405) A-S36A = 1
-1 = BLANK
1 = 4 YEAR OR LONGER COLLEGE PROGRAM?
9 = NO RESPONSE
- A-S41C1 CHARACTER*001 . (0406:0406) A-S39A = 1
THESE QUESTIONS REFER TO THE IN SCHOOL
JOB-RELATED TRAINING YOU RECEIVED TO
(OBTAIN) (IMPROVE) YOUR CURRENT (LAST)
JOB. WAS THE TRAINING RECEIVED THROUGH:
-1 = BLANK
1 = A HIGH SCHOOL VOCATIONAL PROGRAM?
9 = NO RESPONSE
- A-S41C2 CHARACTER*001 . (0407:0407) A-S39A = 1
-1 = BLANK
1 = A POST-HIGH SCHOOL VOCATIONAL
SCHOOL PROGRAM?
9 = NO RESPONSE
- A-S41C3 CHARACTER*001 . (0408:0408) A-S39A = 1
-1 = BLANK
1 = JUNIOR OR COMM. COLLEGE OR
TECH. INSTITUTE?
9 = NO RESPONSE

UNIVERSE

- A-S41C4 CHARACTER*001 . (0409:0409) A-S39A = 1
-1 = BLANK
1 = 4 YEAR OR LONGER COLLEGE PROGRAM?
9 = NO RESPONSE
- A-S42A CHARACTER*001 . (0410:0410) A-S36A = 1
DID YOUR EMPLOYER PAY FOR ALL, HALF OR MORE,
LESS THAN HALF, OR NONE OF THE TRAINING?
-1 = BLANK
1 = ALL
2 = HALF OR MORE
3 = LESS THAN HALF
4 = NONE
9 = NO RESPONSE
- A-S42C CHARACTER*001 . (0411:0411) A-S39A = 1
DID YOUR EMPLOYER PAY FOR ALL, HALF OR MORE,
LESS THAN HALF, OR NONE OF THE TRAINING?
-1 = BLANK
1 = ALL
2 = HALF OR MORE
3 = LESS THAN HALF
4 = NONE
9 = NO RESPONSE
- A-S43A CHARACTER*001 . (0412:0412) A-S36A = 1
DID YOUR EMPLOYER ALLOW TIME OFF FOR YOU TO
TAKE THE TRAINING?
-1 = BLANK
1 = YES
2 = NO
9 = NO RESPONSE
- A-S43C CHARACTER*001 . (0413:0413) A-S39A = 1
DID YOUR EMPLOYER ALLOW TIME OFF FOR YOU TO
TAKE THE TRAINING?
-1 = BLANK
1 = YES
2 = NO
9 = NO RESPONSE

UNIVERSE

A-S44A CHARACTER*001 . (0414:0414)

A-S36A = 1

THESE QUESTIONS REFER TO THE FORMAL TRAINING YOU TOOK TO OBTAIN YOUR JOB OR IMPROVE YOUR SKILLS. WAS THE TRAINING SPONSORED BY A GVMNT. PROGRAM SUCH AS JTPA?

- 1 = BLANK
- 1 = YES
- 2 = NO
- 3 = DON'T KNOW
- 9 = NO RESPONSE

A-S44B CHARACTER*001 . (0415:0415)

A-S36B = 1

THESE QUESTIONS REFER TO THE FORMAL TRAINING YOU TOOK TO OBTAIN YOUR JOB OR IMPROVE YOUR SKILLS. WAS THE TRAINING SPONSORED BY A GVMNT. PROGRAM SUCH AS JTPA?

- 1 = BLANK
- 1 = YES
- 2 = NO
- 3 = DON'T KNOW
- 9 = NO RESPONSE

A-S44C CHARACTER*001 . (0416:0416)

A-S39A = 1

THESE QUESTIONS REFER TO THE FORMAL TRAINING YOU TOOK TO OBTAIN YOUR JOB OR IMPROVE YOUR SKILLS. WAS THE TRAINING SPONSORED BY A GVMNT. PROGRAM SUCH AS JTPA?

- 1 = BLANK
- 1 = YES
- 2 = NO
- 3 = DON'T KNOW
- 9 = NO RESPONSE

A-S44D CHARACTER*001 . (0417:0417)

A-S39B = 1

THESE QUESTIONS REFER TO THE FORMAL TRAINING YOU TOOK TO OBTAIN YOUR JOB OR IMPROVE YOUR SKILLS. WAS THE TRAINING SPONSORED BY A GVMNT. PROGRAM SUCH AS JTPA?

- 1 = BLANK
- 1 = YES
- 2 = NO
- 3 = DON'T KNOW
- 9 = NO RESPONSE

UNIVERSE

- A-S45A CHARACTER*001 . (0418:0418) A-S36A = 1
HOW LONG WAS THE TRAINING PROGRAM?
-1 = BLANK
1 = 1 WEEK OR LESS
2 = 2-12 WEEKS
3 = 13-25 WEEKS
4 = 26+ WEEKS
9 = NO RESPONSE
- A-S45B CHARACTER*001 . (0419:0419) A-S36B = 1
HOW LONG WAS THE TRAINING PROGRAM?
-1 = BLANK
1 = 1 WEEK OR LESS
2 = 2-12 WEEKS
3 = 13-25 WEEKS
4 = 26+ WEEKS
9 = NO RESPONSE
- A-S45C CHARACTER*001 . (0420:0420) A-S39A = 1
HOW LONG WAS THE TRAINING PROGRAM?
-1 = BLANK
1 = 1 WEEK OR LESS
2 = 2-12 WEEKS
3 = 13-25 WEEKS
4 = 26+ WEEKS
9 = NO RESPONSE
- A-S45D CHARACTER*001 . (0421:0421) A-S39B = 1
HOW LONG WAS THE TRAINING PROGRAM?
-1 = BLANK
1 = 1 WEEK OR LESS
2 = 2-12 WEEKS
3 = 13-25 WEEKS
4 = 26+ WEEKS
9 = NO RESPONSE
- A-S46B CHARACTER*001 . (0422:0422) A-S36B = 1
WAS THE TRAINING PROVIDED BY:
-1 = BLANK
1 = AN APPRENTICESHIP PROGRAM LEADING
TO JOURNEYWORKER STATUS?
2 = THE TRAINING OFFICE OR TRAINING
DIVISION OF THE COMPANY?
3 = A JOINT LABOR/MANAGEMENT PROGRAM?
9 = NO RESPONSE

UNIVERSE

A-S46D CHARACTER*001 . (0423:0423)
WAS THE TRAINING PROVIDED BY:

A-S39B = 1

- 1 = BLANK
- 1 = AN APPRENTICESHIP PROGRAM LEADING TO JOURNEYWORKER STATUS?
- 2 = THE TRAINING OFFICE OR TRAINING DIVISION OF THE COMPANY?
- 3 = A JOINT LABOR/MANAGEMENT PROGRAM?
- 9 = NO RESPONSE

A-S47A CHARACTER*001 . (0424:0424)
HOW OFTEN (ARE/WERE) YOU NORMALLY
REQUIRED TO DO THE FOLLOWING ACTIVITIES
IN YOUR CURRENT (LAST) JOB?

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

READ OR USE--NEWS OR MAGAZINE ARTICLES
OR REPORTS.

- 1 = BLANK
- 1 = NEVER
- 2 = LESS THAN ONCE PER WEEK
- 3 = ONE OR MORE TIMES PER WEEK
- 4 = EVERYDAY
- 9 = NO RESPONSE

A-S47B CHARACTER*001 . (0425:0425)
READ OR USE--FORMS

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

- 1 = BLANK
- 1 = NEVER
- 2 = LESS THAN ONCE PER WEEK
- 3 = ONE OR MORE TIMES PER WEEK
- 4 = EVERYDAY
- 9 = NO RESPONSE

A-S47C CHARACTER*001 . (0426:0426)
READ OR USE--LETTERS.

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

- 1 = BLANK
- 1 = NEVER
- 2 = LESS THAN ONCE PER WEEK
- 3 = ONE OR MORE TIMES PER WEEK
- 4 = EVERYDAY
- 9 = NO RESPONSE

UNIVERSE

- A-S47D CHARACTER*001 . (0427:0427)
READ OR USE--DIAGRAMS, PLANS OR BLUEPRINTS.
-1 = BLANK
1 = NEVER
2 = LESS THAN ONCE PER WEEK
3 = ONE OR MORE TIMES PER WEEK
4 = EVERYDAY
9 = NO RESPONSE
A-LFSR = 1-4
AND
A-CLSWKR ≠ 8
- A-S47E CHARACTER*001 . (0428:0428)
READ OR USE--INSTRUCTION MANUALS OR RULES.
-1 = BLANK
1 = NEVER
2 = LESS THAN ONCE PER WEEK
3 = ONE OR MORE TIMES PER WEEK
4 = EVERYDAY
9 = NO RESPONSE
A-LFSR = 1-4
AND
A-CLSWKR ≠ 8
- A-S47F CHARACTER*001 . (0429:0429)
WRITE MEMOS, REPORTS OR OTHER TEXT TO BE
READ BY OTHERS
-1 = BLANK
1 = NEVER
2 = LESS THAN ONCE PER WEEK
3 = ONE OR MORE TIMES PER WEEK
4 = EVERYDAY
9 = NO RESPONSE
A-LFSR = 1-4
AND
A-CLSWKR ≠ 8
- A-S47G CHARACTER*001 . (0430:0430)
USE MATHEMATICS OR ARITHMETIC
-1 = BLANK
1 = NEVER
2 = LESS THAN ONCE PER WEEK
3 = ONE OR MORE TIMES PER WEEK
4 = EVERYDAY
9 = NO RESPONSE
A-LFSR = 1-4
AND
A-CLSWKR ≠ 8
- A-S47H CHARACTER*001 . (0431:0431)
USE A PC OR COMPUTER TERMINAL
-1 = BLANK
1 = NEVER
2 = LESS THAN ONCE PER WEEK
3 = ONE OR MORE TIMES PER WEEK
4 = EVERYDAY
9 = NO RESPONSE
A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

UNIVERSE

A-S48 CHARACTER*001 . (0432:0432)
DO (DID) YOU FEEL YOUR READING SKILLS
ARE (WERE) GOOD ENOUGH FOR YOUR
CURRENT (LAST) JOB?
-1 = BLANK
1 = YES
2 = NO
9 = NO RESPONSE

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

A-S49 CHARACTER*001 . (0433:0433)
DO (DID) YOU FEEL YOUR WRITING SKILLS ARE
(WERE) GOOD ENOUGH FOR YOUR CURRENT
(LAST) JOB?
-1 = BLANK
1 = YES
2 = NO
9 = NO RESPONSE

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

A-S50 CHARACTER*001 . (0434:0434)
DO (DID) YOU FEEL YOUR MATH SKILLS ARE
(WERE) GOOD ENOUGH FOR YOUR CURRENT
(LAST) JOB?
-1 = BLANK
1 = YES
2 = NO
9 = NO RESPONSE

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8

A-S51 CHARACTER*001 . (0435:0435)
DO (DID) YOU FEEL YOUR COMPUTER SKILLS ARE
(WERE) GOOD ENOUGH FOR YOUR CURRENT
(LAST) JOB?
-1 = BLANK
1 = YES
2 = NO
9 = NO RESPONSE

A-LFSR = 1-4
AND
A-CLSWKR ≠ 8
AND
A-S47H = 2,3 or 4

A-SDIND CHARACTER*002 . (0436:0437)
RECODE FOR INDUSTRY CODES
-1 = BLANK
1-51 = RECODES
99 = NO RESPONSE

A-SDOCC CHARACTER*002 . (0438:0439)

RECODE FOR OCCUPATION CODES

-1 = BLANK


1-46 = RECODES

99 = NO RESPONSE

PADDING CHARACTER*001 . (440:440)

END OF SUPPLEMENTAL RECORD LAYOUT

QUESTIONNAIRE FACSIMILE

<p>CHECK ITEM</p> <p>Only CPS-1 for household <input type="checkbox"/></p> <p>First CPS-1 of continuation h hold <input type="checkbox"/></p> <p>Second CPS-1 of continuation h hold <input type="checkbox"/></p> <p>Third, fourth and 5th CPS-1 <input type="checkbox"/></p>	<p>FORM CPS-1</p>  <p>U.S. DEPARTMENT OF COMMERCE Bureau of the Census</p> <p>CURRENT POPULATION SURVEY</p> <p><i>Form Approved - O.M.B. No. 1220-0100 - Expires 11-30-91</i></p>	<p>CONTROL NUMBER</p> <p>Formatic 26.1:1</p> <p>PSU SEGMENT SERIAL</p>
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LINE NO. OF H'HOLD RESP. _____

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

INTERVIEW

Do ITEMS 23A-E in this CPS-1 contain ANY ENTRY OTHER THAN NEVER WORKED Yes No

NONINTERVIEW

TYPE A

TYPE B

TYPE C

(SEND INTER COMM FOR TYPE A AND C)

TELEPHONE HOLD

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

CURRENT

POPULATION

SURVEY

JANUARY 1991

CHILDREN'S (0-14 years old) TRANSCRIPTION ITEMS
 (If more than 4 children in household, use continuation CPS-1 document.)

FIRST CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male Female	18K. ORIGIN
	Natural/Adopted Child.....05				
	Step Child.....06				
	Grandchild.....07				
	Brother/Sister.....09				
	Other Rel. of ref person.....10				
	Foster Child.....11				
	Non-rel. of Ref. Person WITH OWN rel. in H'hld.....12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld.....14	None			

SECOND CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male Female	18K. ORIGIN
	Natural/Adopted Child.....05				
	Step Child.....06				
	Grandchild.....07				
	Brother/Sister.....09				
	Other Rel. of ref person.....10				
	Foster Child.....11				
	Non-rel. of Ref. Person WITH OWN rel. in H'hld.....12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld.....14	None			

THIRD CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male Female	18K. ORIGIN
	Natural/Adopted Child.....05				
	Step Child.....06				
	Grandchild.....07				
	Brother/Sister.....09				
	Other Rel. of ref person.....10				
	Foster Child.....11				
	Non-rel. of Ref. Person WITH OWN rel. in H'hld.....12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld.....14	None			

FOURTH CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male Female	18K. ORIGIN
	Natural/Adopted Child.....05				
	Step Child.....06				
	Grandchild.....07				
	Brother/Sister.....09				
	Other Rel. of ref person.....10				
	Foster Child.....11				
	Non-rel. of Ref. Person WITH OWN rel. in H'hld.....12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld.....14	None			

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

FIRST ARMED FORCES MEMBER				
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS
	Ref. Person WITH rel. in H'hld.....01			MARRIED - spouse present
	Ref. person with NO rel. in H'hld.....02			
	Husband.....03			
	Wife.....04			MARRIED - spouse absent (Exclude separated)
	Natural/Adopted Child.....05			
	Step Child.....06			
	Grandchild.....07			
	Parent.....08			WIDOWED
	Brother/Sister.....09			DIVORCED
	Other rel. of Ref. Person.....10			SEPARATED
	Foster Child.....11			NEVER MARRIED
	Non-rel. of Ref. Person WITH OWN rel. in H'hld.....12	None		
	Partner/Roommate.....13			
	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hld.....14			

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 Pacific Islander Other	18K. ORIGIN
			Yes No		
None					

SECOND ARMED FORCES MEMBER				
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS
	Ref. Person WITH rel. in H'hld.....01			MARRIED - spouse present
	Ref. person with NO rel. in H'hld.....02			
	Husband.....03			
	Wife.....04			MARRIED - spouse absent (Exclude separated)
	Natural/Adopted Child.....05			
	Step Child.....06			
	Grandchild.....07			
	Parent.....08			WIDOWED
	Brother/Sister.....09			DIVORCED
	Other rel. of Ref. Person.....10			SEPARATED
	Foster Child.....11			NEVER MARRIED
	Non-rel. of Ref. Person WITH OWN rel. in H'hld.....12	None		
	Partner/Roommate.....13			
	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hld.....14			

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 Pacific Islander Other	18K. ORIGIN
			Yes No		
None					

JANUARY 1991

U.S. Department of Commerce
BUREAU OF THE CENSUS



CURRENT POPULATION SURVEY

FORM CPS-1

1. CHECK ITEM

Only CPS-1 for household
First CPS-1 of continuation h'ld
Second CPS-1 of continuation h'ld
Third, fourth, etc. CPS-1

(Fill all applicable items on this page)
(Transcribe items 1-13 from first CPS-1)

2.

3. CONTROL NUMBER

MONTH

YEAR

10. FIELD REPRESENTATIVE CODE

A B C D E F G H J K L M

11. DAY COMPLETED

S M T W T F S

After interview week

12. LINE NO. OF H'LD RESP.

Non. h'ld. resp. (Specify)

(Send Inter Comm Interviewed Households Only)

4. TYPE OF LIVING QUARTERS

HOUSING UNIT

- 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

OTHER UNIT

- 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

5a. LAND USAGE

Urban
Rural (Fill 5b)

5b. FARM SALES

\$1000 or more (es)
Less than \$1000 (No)

6. PSU NO.

7. SEGMENT NO.

8. SERIAL NO.

9. HOUSE-HOLD NO.

(Go to 10)

13. TYPE INTERVIEW

Noninterview
Personal
Tel - regular
Tel - callback
ICR filled

NONINTERVIEW

TYPE A

TYPE B

TYPE C (Send Inter Comm)

SEASONAL STATUS

14. (Mark reason and race.)

REASON RACE

No one home

Temporarily absent

Refused

Other - Occ. (Describe below)

15.

Vacant - regular

Vacant - storage of h'ld furniture

Temp. occ. by persons with URE

Unfit or to be demolished

Under construction, not ready

Converted

Occ. by Armed Force members or persons under 15

Unoccupied tent site or trailer site

Permit granted, construction not started

Other (Specify below)

Demolished

House or trailer moved

Outside segment

Converted to permanent business or storage

Merged

Condemned

Built after April 1, 1980

Unused line of listing sheet

Other (Describe below)

16. This unit is intended for occupancy:

Year round (Fill NYS if HU in Item 4)

By migratory workers (Fill Item 17 below if HU in Item 4)

Seasonally

17. This unit is intended for occupancy:

Summers only (Transcribe as instructed on back of Control Card)

Winters only

Other (Describe below)

TRANSCRIPTION ITEMS

Fill for interviewed households only (If continuation CPS-1's required, only fill on first CPS-1 each month.)

NOTES

27A. TENURE

Transcribe from cc item 10
Owned or being bought
Rented
No cash rent

INTERVIEW ENVIRONMENT

53. CHECK ITEM Type of interview conducted

Personal interview (Go to 54)
Telephone interview END Check Items

27B. HOUSEHOLD STATUS CHANGE

Is this a replacement household this month?
Yes
No

54. CHECK ITEM Where was this interview conducted?

Inside respondent's house/apartment END Check Items

On respondent's porch/in apartment hallway

Elsewhere on respondent's property (Go to 55)

At respondent's place or other location END Check Items

28. TOTAL FAMILY INCOME

Transcribe from cc item 29

01	05	09	13
17	21	25	29
33	37	41	45
49	53	57	61

REMINDER

Fill items 18A-18K on page 2 of 9, and 17

CODER NUMBER

A B C D E F G H J K L M

18. LINE NUMBER

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

Working (Skip to 20A) WK

Keeping house (Skip to 20A) WK

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 No (Mark the appropriate reason)

Slack work

Material shortage

Plant or machine repair

New job started during week

Job terminated during week

Could find only part-time work

Holiday (Legal or religious)

Labor dispute

Bad weather

Own illness

On vacation

Too busy with housework, school, personal bus. etc.

Did not want full-time work

Full-time work week under 35 hours

Other reason (Specify)

(Skip to 23 and enter job worked at last week)

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

Yes No (Correct 20A if last time not already deducted. If 20A reduced below 35, correct 20B and fill 20C.)

How many hours did ... take off?

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

Yes No (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)

How many extra hours did ... work?

20F. INDUSTRY

20G. OCCUPATION

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

Yes No (Go to 22)

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

Own illness

On vacation

Bad weather

Labor dispute

New job to begin within 30 days (Skip to 22B and 22C2)

Temporary layoff (Under 30 days)

Indefinite layoff (30 days or more or no def. recall date) (Skip to 22C3)

Other (Specify)

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

Yes No

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

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

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

Yes No (Go to 24)

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

Checked pub. employ. agency with -

priv. employ. agency

employer directly

friends or relatives

Placed 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?

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.)

24. CHECK ITEM (Rotation number)

First digit of SEGMENT number is:

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

3 or 7 (Go to 24A)

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

Within past 12 months

1 up to 2 years ago

2 up to 3 years ago (Go to 24B)

3 up to 4 years ago

4 up to 5 years ago

5 or more years ago (Skip to 24C)

Never worked

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

Personal, family (incl. pregnancy) or school

Health

Retirement or old age

Seasonal job completed

Slack work or business conditions

Temporary, nonseasonal job completed

Unsatisfactory work arrangements (Hours, pay, etc.)

Other

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

Yes (Go to 24D)

Maybe - it depends (Specify in notes)

No (Skip to 24E)

Don't know

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

Believes no work available in line of work or area

Could not find any work

Lacks nec. schooling, training, skills or experience

Employers think too young or too old

Other pers. handicap in finding job

Can't arrange child care

Family responsibilities

In school or other training

Ill health, physical disability

Other (Specify in notes)

Don't know

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

Yes

It depends (Specify in notes)

No (If entry in 24B, describe job - 2 - otherwise, skip to 26)

Don't know

25. CHECK ITEM (Rotation number)

First digit of SEGMENT number is:

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

3 or 7 (Go to 25A)

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

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 tax usually received.

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

Yes No (Ask 25F)

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

Yes No (Go to 26)

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.?

A FEDERAL government employee... F

A STATE government employee... S (Go to 23F)

A LOCAL government employee... L

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

Is the business incorporated? Yes No

Working WITHOUT PAY in fam. bus. or farm... WP (Skip to 26)

NEVER WORKED... NEV

23F. CHECK ITEM

Entry for NA in item 20A (Go to 25 at top of page)

Entry for NA in item 21B

All other cases (Skip to 26)

18A. LINE	18B. RELATIONSHIP TO REFERENCE PERSON				18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male Female	18G2. VETERAN STATUS Veteran Vietnam Era Korean War World War II World War I Other Service Nonveteran	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED Yes No	18J. RACE White Black Amer. Indian Aleut Eskimo Asian or Pacific Isl. Other	18K. ORIGIN
	01	02	03	04										
28. CHECK ITEM (Transcribe from control card item 18)														
28A. (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.)														
28B. Is ... enrolled in school as a full-time or part-time student?														
28C. CHECK ITEM Who responded to the labor force items for this person?														
REMEMBER: ASK THE L.F. ITEMS FOR ALL H.H. MEMBERS BEFORE ASKING THE SUPPLEMENT														
29. CHECK ITEM A. Entry (or NA) in 20A or 21B (Ask 30) B. Entry (or NA) in 22F and 23E is not 'never' (Skip to 35) C. All other (Go to next person)														
SUPPLEMENT QUESTIONS App. - O.M.B. No. 1205-0304 Exp. 3-31-91														
LEAD-IN This month we are asking some additional questions about occupational mobility, job training, and length of employment at current job.														
30. Was ... working a year ago, in January 1990?														
31. You told me that ... is now working as (read entry in 23C). Was ... doing the same kind of work a year ago, in January 1990?														
32A. A year ago, in January 1990, for whom did ... work?														
B. What kind of business or industry was this?														
C. What kind of work was ... doing?														
32D. What were ...'s most important activities or duties at this job?														
E. Was this person employed by:														
33. Altogether, how long has ... done the kind of work ... is doing now? (Years)														
34. How long has ... been working continuously for the present employer (or as self-employed)? (Years)														
35. Did you need specific skills or training to obtain your current (last) job? Yes (Ask 36) No (Skip to 37)														
36. Did you obtain those skills or training through one or more of the following: (Read categories) (Fill all that apply)														
37. CHECK ITEM Category 'A' marked in item 29 (Ask 38) Category 'B' marked in item 29 (Skip to 40)														
38. Since you obtained your present job did you take any training to improve your skills? Yes (Ask 38A) No (Skip to 40)														
38A. What kind of training did you take? (Read categories) (Fill all that apply)														
39. Did you take the training in: (Read categories) (Fill all that apply)														
40. CHECK ITEM														
41. LEAD-IN These questions refer to the in-school job-related training you received to (obtain) (improve) your current (last) job.														
42. Did your employer pay for all, half or more, less than half, or none of the training?														
43. Did your employer allow time off for you to take the training? (Ask 44 without lead-in)														
44. LEAD-IN: These questions refer to the formal training you took to obtain your job or improve your skills.														
45. How long was the training program?														
46. Was the training provided by:														
47. How often (and/were) you normally required to do the following activities in your current (last) job?														
38A. What kind of training did you take? (Read categories) (Fill all that apply)														
48. Do (did) you feel your reading skills are (were) good enough for your current (last) job?														
49. Do (did) you feel your writing skills are (were) good enough for your current (last) job?														
50. Do (did) you feel your math skills are (were) good enough for your current (last) job?														
51. Do (did) you feel your computer skills are (were) good enough for your current (last) job?														
52. CHECK ITEM Who responded to supplemental items 35-51?														
OFFICE USE ONLY														
IND OCC														
A N														
B P														
C Q														
D R														
E S														
F T														
G U														
H V														
J W														
K X														
L Y														
M Z														

<p>18. LINE NUMBER</p> <p>19. What was ... doing most of LAST WEEK --</p> <p>Working <input checked="" type="checkbox"/> K</p> <p>Keeping house <input type="checkbox"/> LK</p> <p>Going to school or something else? <input type="checkbox"/> S</p> <p>Working (Skip to 20A) <input type="checkbox"/> K</p> <p>With a job but not at work <input type="checkbox"/> J</p> <p>Looking for work <input type="checkbox"/> LK</p> <p>Keeping house <input type="checkbox"/> H</p> <p>Going to school <input type="checkbox"/> S</p> <p>Unable to work (Skip to 24) <input type="checkbox"/> U</p> <p>Retired <input type="checkbox"/> R</p> <p>Other (Specify) <input type="checkbox"/> 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>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"/> 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>No <input type="checkbox"/> _____</p> <p>20E. Did ... work any overtime or at more than one job LAST WEEK?</p> <p>Yes <input 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>No <input checked="" type="checkbox"/> (Skip to 23)</p>	<p>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?</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"/></p> <p>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"/></p> <p>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 past 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"/></p> <p>priv. employ. agency <input type="checkbox"/></p> <p>employer directiv. friends or relatives <input type="checkbox"/></p> <p>Placed or answered ads. <input type="checkbox"/></p> <p>Nothing (Skip to 24) <input checked="" type="checkbox"/></p> <p>Other (Specify in notes, e.g., JTPA, union or prof. registrar, etc.) _____</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"> Lost job <input type="checkbox"/> Quit job <input type="checkbox"/> Left school <input type="checkbox"/> Wanted temporary work <input type="checkbox"/> Change in home or family responsibilities <input type="checkbox"/> Left military service <input type="checkbox"/> Other (Specify in notes) _____ <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) _____</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) (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 checked="" 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 4 5 6, or 8 (Skip to 26) 3 or 7 (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"/> (Go to 24B)</p> <p>2 up to 3 years ago <input type="checkbox"/></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"/> (Go to 24D)</p> <p>Maybe - it depends (Specify in notes) _____</p> <p>No <input type="checkbox"/> (Skip to 24E)</p> <p>Don't know <input type="checkbox"/></p> <p>24D. What are the reasons ... is not looking for work? (Mark each reason mentioned)</p> <ul style="list-style-type: none"> Believes no work available in line of work or area <input type="checkbox"/> Couldn't find any work <input type="checkbox"/> Lacks nec. schooling, training, skills or experience <input type="checkbox"/> Employers think too young or too old <input type="checkbox"/> Other pers. handicaps in finding job <input type="checkbox"/> Can't arrange child care <input type="checkbox"/> Family responsibilities <input type="checkbox"/> In school or other training <input type="checkbox"/> Ill health, physical disability <input type="checkbox"/> Other (Specify in notes) _____ Don't know <input type="checkbox"/> <p>24E. Does ... intend to look for work of any kind in the next 12 months?</p> <p>Yes <input checked="" type="checkbox"/></p> <p>Depends (Specify in notes) _____</p> <p>No <input type="checkbox"/></p> <p>Don't know (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 4 5 6, or 8 (Skip to 26) 3 or 7 (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"/> (Go to 25C)</p> <p>No <input checked="" type="checkbox"/> (Skip to 25D)</p> <p>25C. How much Dollars Cents does ... earn per hour?</p> <p>\$ _____</p> <p>(Ask 25D) REF</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>\$ _____ 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"/> (Skip to 26)</p> <p>No <input checked="" type="checkbox"/> (Ask 25F)</p> <p>25F. On this job, is ... covered by a union or employee association contract?</p> <p>Yes <input 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"/> What is the reason ... worked less than 35 hours LAST WEEK?</p> <p>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) _____</p> <p>(Skip to 23 and enter job worked at last week)</p>		<p>INDUSTRY</p> <p>O F F I C E</p> <p>OCCUPATION</p> <p>U S E O N L Y</p> <p>Ref. _____</p> <p>Unc. _____</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>_____</p> <p>23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)</p> <p>_____</p> <p>23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)</p> <p>_____</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>_____</p>	<p>23E. Was this person</p> <p>An employee of a PRIVATE Co. bus. or individual for wages, salary or comm. <input type="checkbox"/> P</p> <p>A FEDERAL government employee <input type="checkbox"/> F</p> <p>A STATE government employee <input type="checkbox"/> S</p> <p>A LOCAL government employee <input type="checkbox"/> L</p> <p>Self-empl. in OWN bus. prof. practice or farm <input checked="" type="checkbox"/> SE</p> <p>Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Working WITHOUT PAY in fam. bus. or farm <input type="checkbox"/> WP</p> <p>NEVER WORKED <input type="checkbox"/> NEV</p> <p>(Go to 23F)</p>	<p>23F. CHECK ITEM</p> <p>Entry for NA in item 20A <input type="checkbox"/> (Go to 25 of 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>

18A. LINE	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male Female	18G2. VETERAN STATUS Veteran Vietnam Era Korean War World War II World War I Other Service Nonveteran	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE White Black Amer. Indian Aleut Eskimo Asian or Pacific Is. Other	18K. ORIGIN
	Ref. Person WITH rel. in H'hd. 01										
	Ref. person with NO rel. in H'hd.										
	Husband 03			Married - house present							
	Wife 04										
	Natural/Adopted Child 05			Married - spouse absent (Exclude separated)							
	Step Child 06			Widowed							
	Grandchild 07			Divorced							
	Parent 08			Separated							
	Brother/Sister 09			Never married							
	Other Rel. of Ref. Person 10										
	Foster Child 11										
	Non-rel. of Ref. Person WITH OWN rel. in H'hd. 12										
	Partner/Roommate 13	None			None						
	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hd. 14										

26. CHECK ITEM <i>(Transcribe from control card item 18)</i> This person is 16-24 years of age (Ask 26A) All others (Skip to 26C)	32D. What were ... most important activities or duties at this job? E. Was this person employed by: Private P Self-employment Federal Gov't F Yes State Gov't S Inc No Local Gov't L Without pay WP	39. Did you take the training in: (Read categories) (Fill all that apply) A school B formal company training program C Informal on-the-job D Other	48. Do (did) you feel your reading skills are (were) good enough for your current (last) job? Yes No
26A. (If 'School' in 19, Verify) 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 (Verify) No (Skip to 26C) High school (Ask 26B) College or Univ.	33. Altogether, how long has ... done the kind of work ... is doing now? (Years)	40. CHECK ITEM Entry of A in item 36 (Ask 41) Entry of B in item 36 (Skip to 44) Entry of A in item 39 (Ask 41) Entry of B in item 39 (Skip to 44) None of the above (Skip to 47)	49. Do (did) you feel your writing skills are (were) good enough for your current (last) job? Yes No
26B. Is ... enrolled in school as a full-time or part-time student? Full time (Fill 26C) Part time	34. How long has ... been working continuously for the present employer (or as self-employed)? (Years) (Months, if less than one year)	41. LEAD-IN These questions refer to the in-school job-related training you received to (obtain) (improve) your current (last) job. Was the training received through: (Read categories) (Fill all that apply) A high school vocational program? A post-high school vocational school program? Junior or community college or Technical Institute? A year or longer college program?	50. Do (did) you feel your math skills are (were) good enough for your current (last) job? Yes No
26C. CHECK ITEM Who responded to the labor force items for this person? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other <input type="checkbox"/> Self/Other	35. Did you need specific skills or training to obtain your current (last) job? Yes (Ask 36) No (Skip to 37)	42. Did your employer pay for all, half or more, less than half, or none of the training? All or more Half or more Less than half None	51. Do (did) you feel your computer skills are (were) good enough for your current (last) job? Yes No
REMEMBER: ASK THE L.F. ITEMS FOR ALL H.H. MEMBERS BEFORE ASKING THE SUPPLEMENT	36. Did you obtain those skills or training through one or more of the following: (Read categories) (Fill all that apply) A A training program in a high school or post-secondary school, including colleges and universities B A formal company training program, including apprenticeships C Informal on-the-job training D Training received in the armed forces E A correspondence course F Informal training from a friend or relative or other experience not related to work G Other	43. Did your employer allow time off for you to take the training? Yes No (Ask 44 without lead-in)	52. CHECK ITEM Who responded to supplemental items 38-51? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other
29. CHECK ITEM A. Entry (or NA) in 20A or 21B (Ask 30) B. Entry (or NA) in 22F and 23E is not "never" (Skip to 35) C. All other (Go to next person)	37. CHECK ITEM Category "A" marked in item 29 (Ask 38) Category "B" marked in item 29 (Skip to 40)	44. LEAD-IN These questions refer to the formal training you took to obtain your job or improve your skills. Was the training sponsored by a government program such as JTPA? Yes No Don't know	55. CHECK ITEM Who responded to supplemental items 52-57? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other
SUPPLEMENT QUESTIONS App. - O.M.B. No. 1205-0304 Exp. 3-31-91	38. Since you obtained your present job did you take any training to improve your skills? Yes (Ask 38A) No (Skip to 40)	45. How long was the training program? Less than 1 week or less 1-12 weeks 13-25 weeks 26+ weeks	56. CHECK ITEM Who responded to supplemental items 58-63? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other
LEAD-IN This month we are asking some additional questions about occupational mobility, job training, and length of employment at current job.	38A. What kind of training did you take? (Read categories) (Fill all that apply) A Reading, writing, or math skills B Computer-related skills C Other technical skills specific to your occupation D Managerial or supervisory skills E Other	46. Was the training provided by: A An apprenticeship program leading to journeyworker status B The training office or training division of the company C A joint labor/management program?	OFFICE USE ONLY IND <input checked="" type="checkbox"/> OCC A N B P C Q D R E S F T G U H V J W K X L Y M Rel Rel Z
30. Was ... working a year ago, in January 1990? Yes (Ask 31) No (Skip to 33)	39. You told me that ... is now working as (read entry in 23C). Was ... doing the same kind of work a year ago, in January 1990? Yes (Skip to 33) No (Ask 32)	47. How often (are/were) you normally required to do the following activities in your current (last) job? Read or use News or magazine articles or reports Forms Letters Diagrams, plans or blueprints Instruction Manuals or files Write memos, reports or other text to be read by others Use mathematics or arithmetic Use a PC or computer terminal	57. CHECK ITEM Who responded to supplemental items 64-69? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other
32A. A year ago, in January 1990, for whom did ... work? B. What kind of business or industry was this? C. What kind of work was ... doing?	40. CHECK ITEM Entry of A in item 36 (Ask 41) Entry of B in item 36 (Skip to 44) Entry of A in item 39 (Ask 41) Entry of B in item 39 (Skip to 44) None of the above (Skip to 47)	48. How often (are/were) you normally required to do the following activities in your current (last) job? Less than once per week Once or more times per week Everyday	58. CHECK ITEM Who responded to supplemental items 70-75? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other

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 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 weeks 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 (Skip to 23)

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 LK in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK? Yes No (Go to 22)

21A. Why was ... absent from work LAST WEEK? Own illness On vacation Bad weather Labor dispute New job to begin within 30 days (Skip to 22B and 22C2) Temporary layoff (Under 30 days) Indefinite layoff (30 days or more or no def. recall date) 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 pub. employ agency with- Pvt employ agency friends or relatives Picked 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? 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 Temporarily 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 mta., 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 SE Is the business incorporated? Yes No Working WITHOUT PAY in fam. bus. or farm WP NEVER WORKED NEV

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

24A. When did ... last work for pay at a regular job or business, either full- or part-time? Within past 12 months 1 up to 2 years ago 2 up to 3 years ago 3 up to 4 years ago 4 up to 5 years ago 5 or more years ago Never worked. (Go to 24B) (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) Relieves no work available in line of work or area Couldn't find any work Lacks nec. schooling, training, skills or experience Employers think too young or too old Other pers. handicap in finding job Can't arrange child care Family responsibilities In school or other training Ill health, physical disability Other (Specify in notes) Don't know

24E. Does ... intend to look for work of any kind in the next 12 months? Yes It depends (Specify in notes) No Don't know (If entry in 24B, describe job in 23; otherwise, skip to 26)

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

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

25B. Is ... paid by the hour on this job? Yes No (Skip to 25D)

25C. How much does ... earn per hour? Dollars Cents \$ REF (Ask 25D)

25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Includes 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 No (Skip to 26) (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)

INDUSTRY OCCUPATION Ref. Unc. Ref. Unc.

18A. LINE	18B. RELATIONSHIP TO REFERENCE PERSON				18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male 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	18J. RACE White Black Amer. Indian Aleut Eskimo Asian or Pacific Isl. Other	18K. ORIGIN													
	Ref. person WITH rel. in H/hid	01	Ref. person with NO rel. in H/hid	02											Husband	03	Wife	04	Natural/Adopted Child	05	Step Child	06	Grandchild	07	Parent	08	Brother/Sister

26. CHECK ITEM (Transcribe from control card item 18) This person is 16-24 years of age (Ask 26A) All others (Skip to 26C)	26A. (If "School" in 19, Verify) LAST WEEK was ... standing 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. (Ask 26B)	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 name for this person? Self Other Self/Other	32. What were ... most important activities or duties at this job? E. Was this person employed by: Private P Self-employment Federal Gov't. F Yes State Gov't. S No SE Local Gov't. L Without pay WP	33. Altogether, how long has ... done the kind of work ... is doing now? (Years)	34. How long has ... been working continuously for the present employer (or as self-employed)? (Years) (Months, if less than one year)	ASK ITEMS 35-51 OF SAMPLE PERSON ONLY - IF NOT PRESENT MAKE TELEPHONE CALLBACK(S)	35. Did you need specific skills or training to obtain your current (last) job? Yes (Ask 36) No (Skip to 37)	36. Did you obtain those skills or training through one or more of the following: (Read categories) (Fill all that apply) A A training program in a high school or post-secondary school, including colleges and universities B A formal company training program, including apprenticeships C Informal on-the-job training D Training received in the armed forces E A correspondence course F Informal training from a friend or relative or other experience not related to work G Other	37. CHECK ITEM Category "A" marked in item 29 (Ask 38) Category "B" marked in item 29 (Skip to 40)	38. Since you obtained your present job did you take any training to improve your skills? Yes (Ask 38A) No (Skip to 40)	38A. What kind of training did you take? (Read categories) (Fill all that apply) A Reading, writing, or math skills B Computer-related skills C Other technical skills specific to your occupation D Managerial or supervisory skills E Other	39. Did you take the training in: (Read categories) (Fill all that apply) A school? B A formal company training program? C Informal on-the-job? D Other? Complete items 41 through 46 only when entries of A or B in items 36A, 36B, 39A, and 39B.	40. CHECK ITEM Entry of A in item 36 (Ask 41) Entry of B in item 36 (Skip to 44) Entry of A in item 39 (Ask 41) Entry of B in item 39 (Skip to 44) None of the above (Skip to 47)	41. LEAD-IN These questions refer to the in school job-related training you received to (obtain) (improve) your current (last) job. Was the training received through: (Read categories) (Fill all that apply) A high school vocational program? A post-high school vocational school program? Junior or community college or Technical Institute? 4 year or longer college program?	42. Did your employer pay for all, half or more, less than half, or none of the training?	43. Did your employer allow time off for you to take the training? Yes No (Ask 44 without lead-in)	44. LEAD-IN: These questions refer to the formal training you took to obtain your job or improve your skills. Was the training sponsored by a government program such as JTPA? Don't know	45. How long was the training program? 1 week or less 2-12 weeks 13-25 weeks 26+ weeks.	46. Was the training provided by: A An apprenticeship program leading to journeyworker status? B The training office or training division of the company? C A joint labor/management program?	47. How often (are/were) you normally required to do the following activities in your current (last) job? Read or use: News or magazine articles or reports Forms Letters Diagrams, plans or blueprints Instruction Manuals or rules Write memos, reports or other text to be read by others Use mathematics or arithmetic Use a PC or computer terminal	48. Do (did) you feel your reading skills are (were) good enough for your current (last) job? Yes No	49. Do (did) you feel your writing skills are (were) good enough for your current (last) job? Yes No	50. Do (did) you feel your math skills are (were) good enough for your current (last) job? Yes No	51. Do (did) you feel your computer skills are (were) good enough for your current (last) job? Yes No	52. CHECK ITEM Who responded to supplemental items 35-51? Self Other
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REMEMBER: ASK THE L.F. ITEMS FOR ALL M.H. MEMBERS BEFORE ASKING THE SUPPLEMENT	29. CHECK ITEM A. Entry (or NA) in 20A or 21B (Ask 30) B. Entry (or NA) in 22F and 23E is not "never" (Skip to 35) C. All other (Go to next person)	SUPPLEMENT QUESTIONS App. - O.M.B. No. 1205-0304 Exp. 3-31-91 LEAD-IN This month we are asking some additional questions about occupational mobility, job training, and length of employment at current job.	30. Was ... working a year ago, in January 1990? Yes (Ask 31) No (Skip to 33)	31. You told me that ... is now working as (read entry in 23C). Was ... doing the same kind of work a year ago, in January 1990? Yes (Skip to 33) No (Ask 32)	32A. A year ago, in January 1990, for whom did ... work? B. What kind of business or industry was this? C. What kind of work was ... doing?
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O' FICE USE ONLY	
IND <input checked="" type="checkbox"/>	OCC <input type="checkbox"/>
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B	P
C	Q
D	R
E	S
F	T
G	U
H	V
J	W
K	X
L	Y
M	Z

18. LINE NUMBER

19. What were you doing most of LAST WEEK -

Working

Keeping house

Going to school or something else?

Working (Skip to 20A) K

With a job but not at work J

Looking for work LK

Keeping house H

Going to school S

Unable to work (Skip to 24) U

Retired R

Other (Specify) OT

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. 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)

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)

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)

INDUSTRY

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21. (If 1 in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on leave LAST WEEK?

Yes No (Go to 22)

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

Own illness

On vacation

Bad weather

Labor dispute

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

Yes

No

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

Yes

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

OCCUPATION

Ref.

Unc.

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 out employ. agency with - out employ. agency

Employer directly

Friends or relatives

Placed or answered ads

Nothing (Skip to 24)

Other (Specify in notes, e.g., ITPA, 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?

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.")

24. CHECK ITEM

(Rotation number)

First digit of SEGMENT number is: 1 2 3 4 5 6 or 7 (Skip to 26) 3 or 7 (Go to 24A)

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

Within past 12 months

1 up to 2 years ago

2 up to 3 years ago (Go to 24B)

3 up to 4 years ago

4 up to 5 years ago

5 or more years ago (Skip to 24C)

Never worked

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

Personal family (incl. pregnancy) or school

Health

Retirement or disability

Seasonal job completed

Slack work or business conditions

Temporary nonseasonal job completed, unsatisfactory work arrangements (hours, pay, etc.)

Other

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

Yes (Go to 24D)

Maybe - it depends (Specify in notes)

No (Skip to 24E)

Don't know

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

Believes no work available in line of work or area

Could find any work

Lacks nec. schooling, training, skills or experience

Employers think too young or too old

Other pers. handicaps in finding job

Can't arrange child care

Family responsibilities

In school or other training

In health or medical facility

Other (Specify in notes)

Don't know

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

Yes (Specify in notes)

No (If entry in 24B, describe job in 23, otherwise, skip to 26)

Don't know

25. CHECK ITEM

(Rotation number)

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

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

1-34

35-48

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

Yes (Go to 25C)

No (Skip to 25D)

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

\$

REF

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 (Go to 26)

No

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 ... 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.

A FEDERAL government employee F

A STATE government employee S

A LOCAL government employee L

Self-emp. 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 for NA: item 20A (Go to 25 at top of page)

Entry for NA: item 21B

Other cases (Skip to 26)

18A. LINE	18B. RELATIONSHIP TO REFERENCE PERSON			18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN		
	Ref Person WITH rel. in H'hd.	Ref person with NO rel. in H'hd.	Husband										Wife	Natural/Adopted Child
	01	02	03	04	05	06	07	08	09	10	11	12	13	14
26. CHECK ITEM <i>(Transcribe from control card item 18)</i> This person is 16-24 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? <i>(Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation.)</i> Yes (Verify) No (Skip to 26C) High school (Ask 26B) College or Univ. (Ask 26B)														
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? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other <input type="checkbox"/> Self/Other														
REMINDER: ASK THE L.F. ITEMS FOR ALL H.H. MEMBERS BEFORE ASKING THE SUPPLEMENT														
28. CHECK ITEM A. Entry (or NA) in 20A or 21B (Ask 30) B. Entry (or NA) in 22F and 23E is not "never" (Skip to 35) C. All other (Go to next person)														
SUPPLEMENT QUESTIONS <i>App. - O.M.B. No. 1205-0304 Exp. 3-31-91</i> LEAD-IN This month we are asking some additional questions about occupational mobility, job training, and length of employment at current job.														
30. Was ... working a year ago, in January 1990? Yes (Ask 31) No (Skip to 33)														
31. You told me that ... is now working; is (read entry in 23C). Was ... doing the same kind of work a year ago, in January 1990? Yes (Skip to 33) No (Ask 32)														
32A. A year ago, in January 1990, for whom did ... work? B. What kind of business or industry was this? C. What kind of work was ... doing?														
32D. What were ...'s most important activities or duties at this job? E. Was this person employed by: Private (P) Self-employment Federal Gov't. (F) Yes State Gov't. (S) Inc. No SE Local Gov't. (L) Without pay WP														
33. Altogether, how long has ... done the kind of work ... is doing now? (Years)														
34. How long has ... been working continuously for the present employer (or as self-employed)? (Years) (Months, if less than one year)														
ASK ITEMS 35-51 OF SAMPLE PERSON ONLY - IF NOT PRESENT MAKE TELEPHONE CALLBACK(S) 35. Did you need specific skills or training to obtain your current (last) job? Yes (Ask 36) No (Skip to 37)														
36. Did you obtain those skills or training through one or more of the following: <i>(Read categories) (Fill all that apply)</i> A. A training program in a high school or post-secondary school, including colleges and universities B. A formal company training program, including apprenticeships C. Informal on-the-job training D. Training received in the armed forces E. A correspondence course F. Informal training from a friend or relative or other experience not related to work G. Other														
37. CHECK ITEM Category "A" marked in item 29 (Ask 38) Category "B" marked in item 29 (Skip to 40)														
38. Since you obtained your present job did you take any training to improve your skills? Yes (Ask 38A) No (Skip to 40)														
38A. What kind of training did you take? <i>(Read categories) (Fill all that apply)</i> A. Reading, writing, or math skills B. Computer-related skills C. Other technical skills specific to your occupation D. Managerial or supervisory skills E. Other														
39. Did you take the training in: <i>(Read categories) (Fill all that apply)</i> A. school? <input type="checkbox"/> Informal on-the-job? B. A formal company training program? <input type="checkbox"/> Other?														
40. CHECK ITEM Entry of A in item 36 (Ask 41) Entry of B in item 36 (Skip to 44) Entry of A in item 39 (Ask 41) Entry of B in item 39 (Skip to 44) None of the above (Skip to 47)														
41. LEAD-IN These questions refer to the in-school job-related training you received to (obtain) (improve) your current (last) job. Was the training received through: <i>(Read categories) (Fill all that apply)</i> A high school vocational program? A post-high school vocational school program? Junior or community college or Technical institute? 4 year or longer college program?														
42. Did your employer pay for all, half or more, less than half, or none of the training? <input type="checkbox"/> All or more <input type="checkbox"/> Less than half <input type="checkbox"/> None														
43. Did your employer allow time off for you to take the training? Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Ask 44 without lead-in</i>														
44. LEAD-IN: These questions refer to the formal training you took to obtain your job or improve your skills. Was the training sponsored by a government program such as JTPA? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know														
45. How long was the training program? <input type="checkbox"/> 1 week or less <input type="checkbox"/> 2-12 weeks <input type="checkbox"/> 13-25 weeks <input type="checkbox"/> 26+ weeks														
46. Was the training provided by: A. An apprenticeship program leading to journeyworker status? B. The training office or training division of the company? C. A joint labor/management program?														
47. How often (are/were) you normally required to do the following activities in your current (last) job? Read or use: News or magazine articles or reports Forms Letters Diagrams, plans or blueprints Instruction Manuals or rules Write memos, reports or other text to be read by others Use mathematics or arithmetic Use a PC or computer terminal														
48. Do (did) you feel your reading skills are (were) good enough for your current (last) job? Yes <input type="checkbox"/> No <input type="checkbox"/>														
49. Do (did) you feel your writing skills are (were) good enough for your current (last) job? Yes <input type="checkbox"/> No <input type="checkbox"/>														
50. Do (did) you feel your math skills are (were) good enough for your current (last) job? Yes <input type="checkbox"/> No <input type="checkbox"/>														
51. Do (did) you feel your computer skills are (were) good enough for your current (last) job? Yes <input type="checkbox"/> No <input type="checkbox"/>														
52. CHECK ITEM Who responded to supplemental items 35-51? <input checked="" type="checkbox"/> Self <input type="checkbox"/> Other														
OFFICE USE ONLY IVD <input checked="" type="checkbox"/> OCC A <input type="checkbox"/> N B <input type="checkbox"/> P C <input type="checkbox"/> Q D <input type="checkbox"/> R E <input type="checkbox"/> S F <input type="checkbox"/> T G <input type="checkbox"/> U H <input type="checkbox"/> V I <input type="checkbox"/> W J <input type="checkbox"/> X K <input type="checkbox"/> Y L <input type="checkbox"/> Z Ref M Ref														

ATTACHMENT 11

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	AGRICULTURE, FORESTRY, AND FISHERIES
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	MINING
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	CONSTRUCTION (15, 16, 17)
061-099	not used
100-392	MANUFACTURING
100-222	Nondurable Goods
100-122	Food and kindred products
100	Meat products (201)
101	Dairy products (202)
102	Canned 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 ¹

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	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	Transportation
400	Railroads (40)
401	Bus service and urban transit (41 except 412)
402	Taxicab service (412)
403-409	not used
410	Trucking service (421, 423)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
413-419	not used
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
423-431	not used
432	Services incidental to transportation (47)
433-439	not used
440-442	Communications
440	Radio and television broadcasting (483)
441	Telephone (wire and radio) (481)
442	Telegraph and miscellaneous communication services (482, 489)
443-459	not used
460-472	Utilities and sanitary services
460	Electric light and power (491)
461	Gas and steam supply systems (492, 496)
462	Electric and gas, and other combinations (493)
463-469	not used
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities
473-479	not used
500-571	WHOLESALE TRADE
500-532	Durable Goods
500	Motor vehicles and equipment (501)
501	Furniture and home furnishings (502)
502	Lumber and construction materials (503)
503-509	not used
510	Sporting goods, toys, and hobby goods (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
513-520	not used
521	Hardware, plumbing and heating supplies (507)
522	Not specified electrical and hardware products
523-529	not used
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (5094, 5099)
533-539	not used
540-571	Nondurable Goods
540	Paper and paper products (511)
541	Drugs, chemicals, and allied products (512, 516)
542	Apparel, fabrics, and notions (513)
543-549	not used
550	Groceries and related products (514)

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	RETAIL TRADE
580	Lumber and building material retailing (521, 523)
581	hardware stores (525)
582	retail nurseries and garden stores (526)
583-589	not used
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
593-599	not used
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)
602	Dairy products stores (545)
603-609	not used
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
613-619	not used
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623-629	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	FINANCE, INSURANCE, AND REAL ESTATE
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	BUSINESS AND REPAIR SERVICES
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	PERSONAL SERVICES
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	ENTERTAINMENT AND RECREATION SERVICES
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	PROFESSIONAL AND RELATED SERVICES
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	PUBLIC ADMINISTRATION
900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
902-909	not used
910	Justice, public order, and safety (92)
911-920	not used
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)
923-929	not used
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)
932	National security and international affairs (97)
933-990	not used
991	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces.

**Detailed Industry Recodes
(01-51)**

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

Detailed Industry	Recode	Industry Code
Entertainment and Recreation Services	40	800-802
Hospitals	41	831
Health Services, Except Hospitals	42	812-830 832-840
Educational Services	43	842-860
Social Services	44	861-871
Other Professional Services	45	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 12

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.)

<u>Code</u>	<u>Occupations</u>
000-002	not used
003-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
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)

<u>Code</u>	<u>Occupations</u>
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

<u>Code</u>	<u>Occupations</u>
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)

<u>Code</u>	<u>Occupations</u>
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	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-235	Technicians and Related Support Occupations
203-208	Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)
209-212	not used
213-235	Technologists and Technicians, Except Health
213-218	Engineering and Related Technologists and Technicians
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)
219-222	not used
223-225	Science Technicians
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians n.e.c. (3832, 3833, 384, 389)
226-235	Technicians; Except Health, Engineering, and Science
226	Airplane pilots and navigators (825)
227	Air traffic controllers (392)
228	Broadcast equipment operators (393)
229	Computer programmers (3971, 3972)
230-232	not used
233	Tool programmers, numerical control (3974)
234	Legal assistants (396)
235	Technicians, n.e.c. (399)
236-242	not used
243-285	Sales Occupations
243	Supervisors and proprietors, sales occupations (40)
244-252	not used
253-257	Sales Representatives, Finance and Business Services
253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)

<u>Code</u>	<u>Occupations</u>
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)

<u>Code</u>	<u>Occupations</u>
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	Expeditors (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
403-469	SERVICE OCCUPATIONS
403-407	Private Household Occupations
403	Launderers and ironers (503)

<u>Code</u>	<u>Occupations</u>
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)

<u>Code</u>	<u>Occupations</u>
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
473-499	FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-476	Farm Operators and Managers
473	Farmers, except 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	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-549	Mechanics and Repairers
503	Supervisors, Mechanics and Repairers (60)
504	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505	Automobile mechanics (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine 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

<u>Code</u>	<u>Occupations</u>
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

<u>Code</u>	<u>Occupations</u>
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

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

<u>Code</u>	<u>Occupations</u>
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

<u>Code</u>	<u>Occupations</u>
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)

Code**Occupations**

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	36	703-779
Fabricators, Assemblers, Inspectors, and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations and Material Moving	39	823-859
Construction Laborer	40	869
Freight, Stock and Material Handlers	41	875-883
Other Handlers, Equipment Cleaners, and Laborers	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	203-389
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 13

Specific Metropolitan Identifiers

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

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

N/C = No Code Required

NOTES:

1. Do not attempt to tally CMSA totals by summing Identified PMSA's. The specific PMSA identification for some PMSA's is suppressed while the specific CMSA for those areas is available. The New Hampshire portion of the Boston CMSA is an example of this. While specific identification of Nashua and the Lawrence-Haverill and Lowell portions is suppressed, all areas are coded as being in the Boston CMSA.

2. Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the central city metropolitan statistical area residence status code (CCCSMSA). It is recommended that this code in conjunction with the modified metropolitan statistical area residence status code (MSTSMSAR) be used for tallying metropolitan residence status for national and other grouped data.

LIST 1: CMSA/MSA 1983 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 Britian-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	Harrisonburg-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)
	03	7090	Salem-Gloucester, MA
	04	4560	Lowell, MA-NH (New Hampshire portion not identified)
	05	1200	Brockton, MA
008	01	3360	Houston, TX
	02	2920	Galveston-Texas City, TX
	03	1145	Brazoria, TX

<u>CMSA 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	Riverside, CA
		0	Others
003	01	1	Chicago, IL
		0	Others
	02	1	Gary, IN
		0	Others
005	01	1	Oakland, CA
		0	Others
006	01	1	Detroit, MI
		0	Others
007	01	1	Boston, MA
		0	Others
010	01	1	Dallas, TX
		0	Others
	02	1	Fort Worth, TX
		2	Arlington, TX
012	01	1	Miami, FL
		0	Others
	02	1	Fort Lauderdale, FL
		0	Others
017	-	1	Minneapolis, MN
		0	Others
020	-	1	Tampa, FL
		0	Others
023	-	1	Phoenix, AZ
		2	Mesa, AZ
		0	Others
029	-	1	Norfolk, VA
		2	Virginia Beach, VA
		3	Newport News, VA
		4	Hampton, VA
		0	Others
045	-	1	Greensboro, NC
		0	Others
046	-	1	Albany, NY
		0	Others
060	-	1	Raleigh, NC
		0	Others
069	-	1	Springfield, MA
		0	Others

LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)

<u>CMSA/ 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

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA
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

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
144		6720	Reno, NV MSA (Central City portion only identified)
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

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
105		8680	Utica-Rome, NY MSA
005	04	8720	Vallejo-Fairfield-Napa, CA PMSA
026	02	8725	Vancouver, WA PMSA
123		8780	Visalia-Tulare-Porterville, CA MSA
161		8800	Waco, TX MSA
009		8840	Washington, DC-MD-VA MSA
147		8880	Waterbury, CT MSA
173		8920	Waterloo-Cedar Falls, IA MSA
053		8960	West Palm Beach-Boca Raton-Delray Beach, FL 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 14

Topcoding of Usual Hourly Earnings

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

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

ATTACHMENT 15

Source and Accuracy Statement for the Job Training Microdata File: January 1991

Source of Data

The data in this microdata file come from the January 1991 Current Population Survey (CPS). The Bureau of the Census conducts this survey every month, although this file has only January 1991 data. The January 1991 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 present CPS sample was selected from the 1980 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. It is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions. About 60,000 occupied housing units are eligible for interview every month. Interviewers are unable to obtain interviews at about 2,600 of these units because the occupants were not found at home after repeated calls or were 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.

January 1991 Supplement. In addition to the basic CPS questions, interviewers asked supplementary questions in January on job training.

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 used for this microdata file were based on updates to controls established by the 1980 Decennial Census. 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).

Accuracy of The Estimates

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

Nonsampling Variability. 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 pro-

cessing 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 obtained from this microdata file, which reflect 1980 census-based population controls, with estimates for 1979 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.

Note When Using Small Estimates. Because of the large standard errors involved, summary measures (such as medians and percentage distributions) probably do 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 estimates from this microdata file. Instead of providing an individual standard error for each estimate, two parameters, a and b, are provided to calculate standard errors for each type of characteristic. These parameters are listed in the attached 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 White males with in-school training who have had 4 or more years of college to that of Hispanic males.

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, for example, the absolute value of the estimated difference between characteristics is 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

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

Here x is the size of the estimate and a and b are the parameters in Table 1 associated with the particular type of characteristic. When calculating standard errors for numbers from cross-tabulations involving different characteristics, use the set of parameters for the characteristic which will give the largest standard error.

Illustration 1. There were 54,693,000 people that needed specific skills or training to obtain their current job (or most recent job, if not currently employed). From Table 1 the appropriate parameters are $a = +0.000049$ and $b = 5,439$. Using formula (1), the approximate standard error of the estimate is

$$s_x = \sqrt{+0.000049 \times 54,693,000^2 + 5,439 \times 54,693,000} = 666,000.$$

The 90-percent confidence interval for the number of people that needed specific skills or training to obtain their current (or most recent) job is from 53,627,000 to 55,759,000, i.e., $54,693,000 \pm 1.6 \times 666,000$. 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 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 using the formula

$$s_{x,p} = \sqrt{bp(100 - p)/x}. \quad (2)$$

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 2. 30,816,000 people obtained their current or most recent job by having had a training program in a high school or post-secondary school. Of these, 24,813,000, or 80.5 percent, paid for all their training themselves. From Table 1 the appropriate b parameter is 5,439. Using formula (2) the approximate standard error of the estimated percent is

$$s_{x,p} = \sqrt{5,439 \times 80.5 \times (100 - 80.5) / 30,816,000} = 0.5.$$

The 90-percent confidence interval of the percentage of people paying for all their training themselves is from 79.7 to 81.3, i.e., $80.5 \pm 1.6 \times 0.5$.

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

$$s_{x,y} = \sqrt{s_x^2 + s_y^2} \tag{3}$$

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

Illustration 3. In January 1991, of the 5,367,000 White males that had training in a school to improve their current (or most recent) job, approximately 2,111,000, or 39.3 percent, had 4 or more years of college. Of the 220,000 Hispanic males that had training in a school to improve their current (or most recent) job, approximately 73,000, or 33.2 percent, had 4 or more years of college. The apparent difference between the two groups is 6.1 percent. Using formula (2) and the appropriate b parameters (2,531 for White males and 5,771 for Hispanic males) from Table 1, the standard error for 39.3 percent with a base of 5,367,000 is approximately 1.1 percent, while the standard error for 33.2 percent with a base of 220,000 is 7.6 percent. Using formula (3), the standard error on the estimated difference of 6.1 percent is approximately

$$s_{x,y} = \sqrt{1.1^2 + 7.6^2} = 7.7.$$

The 90-percent confidence interval around the difference is from -6.2 to 18.4 percent, i.e., $6.1 \pm 1.6 \times 7.7$. Since this interval includes zero, we cannot conclude, at the 10-percent significance level, that the percentage of White males with in-school training that had 4+ years of college is greater than the percentage of their Hispanic counterparts.

Table 1. Standard Error Parameters for Job Training

Type of Characteristic	a	b
Source of Training Needed for Obtaining Current Job (Sum of sources - school, formal company, informal OJT, Armed forces, correspondence course, or friend or relative)	+0.000049	5,439
Educational Attainment (High school vocational education, post-high school vocational education, junior college, 4+ years of college)	-0.000016	2,531
Skills Improvement Training and Occupational Employment (Reading, writing and math; Computer-related; Other technical; Managerial/supervisory; Other)	-0.000016	2,864

Note: Calculate parameters for Blacks by multiplying the above parameters by 1.35; use 2.28 to get Hispanic parameters.

ATTACHMENT 16

User Notes

This section will contain information relevant to the Current Population Survey, January 1991: Job Training 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 following on the following page.

UPDATE INFORMATION

Additional information concerning this file may be available at a later date. If you wish to receive the documentation supplements, please fill out the following coupon and mail to:

Data User Services Division
Data Access and Use Staff
Bureau of the Census
Washington, DC 20233

Name of File: Current Population Survey, January 1991: Job Training

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

Name:

Address

Phone: