

FOR REFERENCE USE:

CPS, JANUARY 1983

Validation Statement thru Table of Attachments  
Abstract  
Overview thru Attachment 13

PAGES

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MAY 22, 1990  
N. MCGOVERN

RECORD GROUP 029  
ACCESSION NUMBER: 3-029-89-017

VALIDATION STATEMENT

WHEN THE NATIONAL ARCHIVES ACQUIRED CUSTODY OF THIS FILE, THE ACCESSIONING PROCEDURES CALLED FOR A MANUAL COMPARISON OF THE DOCUMENTATION TO A PRINTOUT OF A PORTION OF THE RECORDS IN EACH DATASET. THIS MANUAL COMPARISON IS REFERRED TO AS "PRELIMINARY ASSESSMENT" OR "VALIDATION." THE NUMBER OF RECORDS WHICH WERE COMPARED VARIED FROM DATASET TO DATASET. HOWEVER, AS A GENERAL RULE THE COMPARISON INVOLVED LESS THAN TEN RECORDS AND WAS LIMITED TO RECORDS AT THE BEGINNING AND END OF EACH DATASET. THIS IS A STATEMENT OF THE RESULTS OF THE PRELIMINARY ASSESSMENT OR VALIDATION FOR:

TITLE:

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CURRENT POPULATION SURVEY (CPS), JANUARY 1983

NO DISCREPANCIES BETWEEN THE DOCUMENTATION AND A SAMPLE DUMP OF THE DATA WERE NOTED DURING HAND VALIDATION.

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CURRENT POPULATION SURVEY, JANUARY 1983

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview
Attachment 3	Glossary
Attachment 4	Note to Users
Attachment 5	Current Population Survey Adult Interview Record Layout
Attachment 6	Current Population Survey Children's Interview Record Layout
Attachment 7	Current Population Survey Noninterview Type A Record Layout
Attachment 8	Current Population Survey Noninterview Type B-C Record Layout
Attachment 9	Current Population Survey January 1983 Supplement Occupational Mobility, Training, and Job Tenure
Attachment 10	Questionnaire Facsimile
Attachment 11	Unweighted and Weighted Counts

NOTE

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

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

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

ATTACHMENT 1

ABSTRACT

Current Population Survey, January 1983  
[machine-readable data file] / conducted by the  
Bureau of the Census for the Bureau of Labor  
Statistics. --Washington: Bureau of the Census  
[producer and distributor], 1984.

TYPE OF FILE:

Microdata; unit of observation is individuals within housing units.

UNIVERSE DESCRIPTION:

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 71,000 households.

SUBJECT-MATTER DESCRIPTION:

Comprehensive data are available on the employment status, occupation, and industry of persons 14 years old and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Spanish origin.

Additional data focus on occupational mobility, job training, and length of time at current job. Data include labor force status and occupation in January 1982, length of time worked in the current occupation, and length of time worked continuously for the present employer.

Information also is furnished on whether specific skills or training were required to obtain or retain the current job; if so, types of educational or training programs are identified. If formal training was necessary, additional data include the following: type of school from which the training was received, if the employer paid for the training, if the training was government sponsored, length of the training program, number of courses included in the training program, if the training was given primarily away from the job or on the job, and if the training was part of an apprenticeship program leading to journeyman level.

GEOGRAPHIC COVERAGE:

All States and 44 SMSA's are identified and ranked by population size (1970). Central city/noncentral city indicators are provided for all identified SMSA's. For all other records, central city/noncentral city and non-SMSA indicators are provided except where suppression is required for confidentiality reasons.

TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 168,124 logical records; 481 character logical record length.

FILE SORT SEQUENCE: State rank by SMSA rank by household identification number by line number.

REFERENCE MATERIALS:

"Current Population Survey, January 1983 Technical Documentation." Documentation contains this abstract, a questionnaire facsimile, and record layouts of the file. One copy accompanies each file order. Additional copies are available for \$5 each from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

Bureau of the Census. The Current Population Survey: Design and Methodology (Technical Paper 40). Describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. GPO Stock No. 003-024-01490-4. Price: \$5.50.

RELATED PRINTED REPORTS:

Bureau of Labor Statistics. Employment and Earnings, February 1983. The employment information in Section A of this publication is derived from the Current Population Survey, January 1983. Copies are available at Government Depository Libraries or inquiries may be directed to the Department of Labor, Bureau of Labor Statistics, Washington, D.C. 20212.

FILE AVAILABILITY:

The file may be ordered from Data User Services Division using the Customer Services order form on the following page. The following technical options are available at a cost of \$140 per reel.

	<u>Reels</u>	<u>Cost</u>
9 track, 1600 bpi (EBCDIC or ASCII)	3	\$420
9 track, 6250 bpi (EBCDIC or ASCII)	1	\$140

## ATTACHMENT 2

### OVERVIEW

#### Current Population Survey

##### Introduction

The Current Population Survey (CPS) is the source of the official Government statistics on employment and unemployment. The CPS has been conducted monthly for over 35 years. Currently, we interview about 58,000 households monthly, scientifically selected on the basis of area of residence to represent the Nation as a whole, individual States, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

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

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

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

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

## CPS Sample

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

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

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

## Relationship of Current Population Survey Files to Publications

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

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

- P-20 Population Characteristics
- P-23 Special Studies
- P-27 Farm Population
- P-60 Consumer Income

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the Government Printing Office. They are available in the following subscription packages: Population Characteristics, Special Studies, Farm Population, and Consumer Income series (P-20, P-23, P-27, P-60) combined, \$70.00 per year; Population Estimates and Projections, Federal-State Cooperative Program for Population Estimates, and Special Censuses series (P-25, P-26, P-29) combined, \$90.00 per year. A customer interested in all reports must subscribe to both subscription packages. Alternatively, single issues may be ordered separately; ordering information and prices are provided in the Bureau of the Census Catalog, the Monthly Product Announcement (MPA), and in Data User News.

## Geographic Limitations

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

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

## Weights

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns for the entire panel of respondents. The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the same sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups--two race categories (White, and Black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, season, etc.
2. Ratio estimates. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:
  - a. First-stage ratio estimate. In the CPS, a portion of the 629 sample areas is chosen to represent both itself and other areas



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

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

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for 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 14 years old and older.

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

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

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

Another factor also inhibits microdata comparison with published labor force data. This is the seasonal adjustment that is applied to many published statistics. These adjustments are used to adjust for normal seasonal variations to help distinguish the underlying economic situation in month-to-month changes. Shown below are data from January and July 1982 which demonstrate how estimates compiled using the final weights from the microdata file may differ from the published composited estimates, with and without seasonal adjustment. (Refer to Technical Paper 40 for a further description of both the composite estimator and seasonal adjustments.)

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

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

## GLOSSARY

## CURRENT POPULATION SURVEY

## Subject Concepts

Age. Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 14 years old and over.

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

Civilian Labor Force. (See Labor Force.)

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

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

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

Education. (See Years of School Completed.)

Employed. (See Labor Force.)

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

Final Weight. Used in tabulating monthly labor force items.

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

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

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

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

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

Household. A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live and eat with any other person in the structure, and when there is direct access from the outside or through a common hall.

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

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

Industry, Occupation, and Class of Worker. Industry, occupation, and class of worker (I & O) always apply to the same job. For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time civilian job lasting two or more weeks or by the job (either full-time or part-time) from which they were laid off. The I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. For detailed information on I & O of multiple job holders, see the May supplement to the CPS.

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

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

Labor Force. The civilian labor force includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 14 and over. However, the official definition of the civilian labor force is age 16 and over.

1. Employed. Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm or in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or Labor-Management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have an Employment Status Recode (ESR) of 1 or 2 respectively in word 19, character 1 of each individual's record which designated "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.
2. Unemployed. Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an ESR code of 3 in word 19, character 1 of each individual's record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.
  - a. Job Leavers. Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.
  - b. Job Losers. Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.
  - c. New Job Entrants. Persons who never worked at a full-time job lasting two weeks or longer.
  - d. Job Reentrants. Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

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

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

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

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

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

3. Not in Labor Force. All civilians 14 years old and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes, for the most part, retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week is an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

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

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

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

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

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

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

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

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

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

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

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

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

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



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

Part-Time Work. Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week.

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

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

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

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

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

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

Unemployed. (See Labor Force.)

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

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

- 1 Vietnam era
- 2 Korean
- 3 WWI
- 4 WWII
- 5 Other Service
- 6 Nonveteran

Wage and Salary Workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit.

Workers. (See Labor Force--Employed.)

Years of School Completed. Data on years of school completed can be derived from the combination of answers to questions concerning the highest grade of school attended by the person and whether or not that grade is finished. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

## GLOSSARY

### CURRENT POPULATION SURVEY

#### 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, North Central, 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

#### NORTH CENTRAL 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  
New Mexico  
Utah  
Wyoming

##### Pacific Division

Alaska  
California  
Hawaii  
Oregon  
Washington

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 4

NOTE TO USERS

There are several record layouts comprising the January 1983 Current Population Survey technical documentation. Record layouts illustrating basic data collected comprise Attachments 5 and 6 for interviewed households, Attachment 7 for noninterviewed Type A households, and Attachment 8 for noninterviewed Type B or C households (see items 14 and 15 on the questionnaire for examples of each type). The record layout(s) for supplemental data collected then follows.

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

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

Calculating Location of Data Within a Word. In the record layout, location of data is indicated by character position within a word. Each work signifies six character positions on the tape. To determine the location of specific data, calculate the number of positions allocated for all previous words; then, to that figure, add the character location (1-6) specified within the designated word. For example, data for major activity last week (Attachment 5, page 12) corresponds to word 9, character 1. Multiplying the number of previous words by the number of character positions per word equals 48 positions allocated for data. Thus, the first character of word 9 is located in position 49.

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

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

# New Occupation, Industry Codes in Current Population Survey

In January 1983, the Current Population Survey (CPS), the Nation's source of monthly employment data, underwent a major change. The survey switched to the 1980 census industry and occupation (I/O) classification system from the 1970 I/O system, in use since 1972. This article describes the conversion process and tells you how to get copies of the conversion factors.

The 1983 CPS microdata files are the first files to include the new codes. (So far files for January, March, April, and September have been released.) All files hereafter will contain these codes.

If you are comparing present and past CPS files, you'll have little trouble with the new industry codes. The new classification is based on the 1972 standard industrial classification system and is generally comparable to the system used in the CPS before January 1983. It will not be so simple, however, to use the new occupation codes.

## New Occupation Codes Affect Comparability

The new occupation classification evolved from the 1980 standard occupation classification system that was developed through extensive study and deliberation by a Federal interagency committee. While the new system for occupation makes the CPS comparable to the 1980 census and other data sets, it breaks the continuity

of any time series based on CPS occupational data.

Differences between the old and new systems can be found at all levels. Such commonly cited identifiers as blue/white collar workers, craft workers, professional and technical workers, and operative occupations have been eliminated from the new system and replaced by new categories.

Some categories that seem to represent the same occupations in the two systems are substantially different because of conceptual changes. For example the 1970 census counted 712,000 "accountants" but when the 1970 data were adjusted to the 1980 classification, the figure for the 1980 category "accountants and auditors" was only 646,000. About half of the reclassified cases went to a new category called "other financial officers." In this case and in many others, use of the 1980 occupation classification system precludes direct comparison to previous years' CPS occupation data.

## Any Way to Preserve Continuity?

The Bureau of Labor Statistics, the principal sponsor of the CPS, requires year-to-year comparisons and therefore asked the Bureau to develop a methodology that provides such a capability.

As a result, we coded a 20-percent sample of CPS records for each of 6 months in 1982, using the new occupation codes. We then compared the resulting

data with the already available 1970-coded data and derived a set of factors that converted each 1970 census code into its 1980 equivalent.

For example, 69 percent of the 1970 category "counter clerks, except food" remained in the major group "administrative support occupations, including clericals," while the remaining 31 percent were classified as workers in "sales occupations." In all, 55 detailed occupation categories reflect splits like this.

Users who need to achieve occupational data comparability between past and present CPS microdata tape files will need to use conversion factors.

#### **Several Limitations in Making Conversions**

The process for determining the conversion factors was not without its problems. The coders who assigned the 1980 codes to the CPS sample were not fully trained under the new system, nor were they subjected to the same rigorous quality control measures normally associated with the CPS clerical operation. In addition, reliability of the conversion factors decreases when a relatively small number of records are affected. Reliability also declines as the number of equivalent 1980 categories into which a 1970 occupation category may be classified increases.

As a result, users should apply the conversion factors only in producing aggregates for the major 1980 occupation categories (such as sales occupations) and broad cross-tallies such as "total employed."

Estimates also become less reliable when you apply the conversion factors to data for relatively small population subgroups—such as Blacks, Hispanics, and specific age groups.

The occupational classifications are very similar to those used in 1980 census products (see the June 1983 Data User News), but were designed specifically for use with the CPS files.

#### **Conversion Factors Available**

Customer Services is selling the nine-page list of conversion factors used for the occupation codes in the CPS. This list contains each 1970 detailed occupation category and the 1980 major occupation category (or categories with percentages for each) into which it should be converted. It shows which detailed occupation categories belong to the 13 major occupation categories. This list can be used to make conversions in microdata files or in data aggregated by 1970 detailed codes.

Entitled "CPS Occupation Categories: Detailed 1970 and Major 1980 Classifications," the conversion factors cost \$5 and are available from Customer Services (301/763-4100).

Technical questions regarding the limitations of the conversion factors and the guidelines on data presentation should be directed to the Labor Force Statistics Branch of the Bureau's Population Division at 301/763-5144.

ATTACHMENT C  
 CURRENT POPULATION SURVEY  
 ADULT INTERVIEW RECORD LAYOUT

FOR STANDARD TAPE COPIES  
 (Beginning January 1983)

Word	Char.	Characteristic	Universe	Description
1	1	Record type	All	Interview
2	2	Month in Sample (Recorded from Month and Rotation)	All	1-0
3	3	Blank		
4	4-6 1-6	Household ID Number	All	
5	1-3			
6	6	Region (From N.S.T.)	All	Northeast North Central South West

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

-more-



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

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code in Division Code) (From U.S.T.) (Cont.)	All	
				<u>East North Central Division</u>
				Ohio 31
				Indiana 32
				Illinois 33
				Michigan 34
				Wisconsin 35
				<u>West North Central Division</u>
				Minnesota 41
				Iowa 42
				Missouri 43
				North Dakota 44
				South Dakota 45
				Nebraska 46
				Kansas 47
				<u>South Atlantic Division</u>
				Delaware 51
				Maryland 52
				District of Columbia 53
				Virginia 54
				West Virginia 55
				North Carolina 56
				South Carolina 57
				Georgia 58
				Florida 59
				<u>East South Central Division</u>
				Kentucky 61
				Tennessee 62
				Alabama 63
				Mississippi 64

-more-

Attachment A

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

-more-

Word	Char.	Characteristic	Universe	Description	1970 Ranking
h	1-2	State Rankings (From M.S.T.)	All	California	01
				New York	02
				Pennsylvania	03
				Texas	04
				Illinois	05
				Ohio	06
				Michigan	07
				New Jersey	08
				Florida	09
				Massachusetts	10
				Indiana	11
				North Carolina	12
				Missouri	13
				Virginia	14
				Georgia	15
				Wisconsin	16
				Tennessee	17
				Maryland	18
				Minnesota	19
				Louisiana	20
				Alabama	21
				Washington	22
				Kentucky	23
				Connecticut	24
				Iowa	25
				South Carolina	26
				Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30

Attachment A

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

-more-

Word	Char.	Characteristic	Universe	Description
1	3-4	SMSA Rankings (From M.S.T.)	SMSA's	1970 Ranking
				00 Not an SMSA and all other SMSA's
				01 New York, N.Y.
				02 Los Angeles-Long Beach, Calif.
				03 Chicago, Ill.
				04 Philadelphia, Pa.- N.J.
				05 Detroit, Mich.
				06 San Francisco-Oakland, Calif.
				07 Washington, D.C.-Md.-Va.
				08 Boston, Mass.
				09 Nassau-Suffolk, N.Y.
				10 Pittsburgh, Pa.
				11 St. Louis, Mo.-Ill.
				12 Baltimore, Md.
				13 Cleveland, Ohio
				14 Houston, Texas
				15 Newark, N.J.
				16 Minneapolis-St. Paul, Minn.
				17 Dallas, Texas
				18 Seattle-Everett, Wash.
				19 Anaheim-Santa Ana-Garden Grove, Calif.
				20 Milwaukee, Wis.
				21 Atlanta, Ga.
				22 Cincinnati, Ohio - KY.
				23 Paterson-Clifton-Passaic, N.J.
				24 San Diego, Calif.
				25 Buffalo, N.Y.
				26 Miami, Fla.
				27 Kansas City, Mo.-Kan.
				28 Denver, Colo.
				29 San Bernardino-Riverside-Ontario, Calif.

-more-

Word	Char.	Characteristic	Universe	Description
4	3-4	SMSA Rankings (Cont) (From M.S.T.)	SMSA's	Indianapolis, Ind. San Jose, Calif. New Orleans, La. Tampa-St. Petersburg, Fla. Portland, Ore. Columbus, Ohio Rochester, N.Y. Sacramento, Calif. Fort Worth, Texas Birmingham, Ala. Albany-Schenectady-Troy, N.Y. Norfolk-Portsmouth, Va. Akron, Ohio Gary-Hammond-East Chicago, Ind. Greensboro-Winston-Salem- High Point, N.C.
5		<u>Item 1</u> -- INTERVIEWER CHECK ITEM	ALL	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1
6		Blank		

--more--

Word	Char.	Characteristic	Universe	Description
5	1-3	Blank		
4-6		<u>Item 10</u> - INTERVIEWER CODE	ALL	Blank or Impossible in any digit
6	1	<u>Item 12</u> - LINE NO. H'ILD RESP.	ALL	Blank or Impossible
	2	<u>Item 13</u> - TYPE INTERVIEW	ALL	Non H'ild Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled
3-4		<u>Item 11</u> - DATE COMPLETED	ALL	Day of Month
5-6		PADDING		-- or 10-29

-NA, or  
App-1779  
(Excluding I--)

1-6  
7  
2  
3  
4  
5



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

--more--

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

Word	Chr.	Characteristic	Universe	Description
0	5	Blank		
6		Item 2 - HOUSEHOLD NUMBER	All	1-8
9	1	Item 19 (Recode) - What was...doing most of LAST WEEK (Major Activity)?	All	1 Working 2 With a job 3 Looking 4 House 5 School 6 Unable 7 Other (Incl. Retired)
2-3		Item 20A - How many hours did...work LAST WEEK at all jobs?	FSR 1	Number of Hours 01-99
4		Item 20C - Does...USUALLY work 35 hours or more a week at this job?	FSR 1 & Item 20A less than 35 hours	1 Yes 2 No
5-6		Item 20C - Reason less than 35 hours a week (Recoded)	FSR 1 & Item 20A less than 35 hours	01 Slack work 02 Material shortage 03 Plant or machine repair 04 New job started during week 05 Job terminated during week 06 Could find only part-time work 07 Holiday (Legal or Religious) 08 Labor dispute 09 Bad weather 10 Own illness 11 On vacation 12 Too busy with house, school, etc. 13 Did not want full-time work 14 Full-time work week under 35 hours 15 Other reason

Attachment A

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

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description
		<u>Item 22A - Methods (Cont.)</u>		
10	6	Checked with employer directly.	ESR 3	Blank Entry 1
11	1	Checked with friends or relatives.	ESR 3	Blank Entry 1
	2	Placed or answered ads.	ESR 3	Blank Entry 1
	3	Nothing	ESR 4-7	Blank Entry 1
	4	Other	ESR 3	Blank Entry 1
	5	<u>Item 22B - Why did...start looking for work?</u>	ESR 3	Lost job Quit job Left school Wanted temporary work Other
	6	<u>Item 22C - Weeks unemployed (New job starting in 30 days, weeks laid off, or weeks looking for work)</u>	ESR 3	Number of Weeks 00-99
12	1			
	2	<u>Item 22D - Has...been looking for full-time or part-time work?</u>	ESR 3	Full Part 1 2

-more-

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

-more-



Attachment A

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

-more-



Attachment A

Word	Char.	Characteristic	Universe	Designation	
15	3	Item 2JE - Class of worker (Catted and Recoded)	a) FSR 1 or 2 b) FSR 3 c) FSR 4-7, Month in Sample in 4 or 8 & Item 2/A in 4-5.	Private Government Self employed Without pay Never worked or Never worked Full-Time	1 2 3 4 5
16	1-3	BLANK			
1-5		Item 10A - LINE NUMBER	All		01-39
6		Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Recode from Relationship To Reference Person)	All		1 2 3 4 5 6

- 1 Head with other relatives (incl. wife) in household
- 2 Head with no other relatives in household
- 3 Wife of head
- 4 Other relative of head
- 5 Nonrelative of head with own relatives (incl. wife) in household
- 6 Nonrelative of head with no own relatives in household

Word	Char.	Characteristic	Universe	Description
17	1-2	Item 18C - AGE	All	14-99
	3	Item 18D - MARITAL STATUS (Recode)	All	1 Married, civilian spouse present 2 Married, Armed Force spouse present 3 Married, spouse absent (Incl. separated) 4 Widowed or divorced 5 Never Married
	4	Item 18H - RACE (Recode)	All	1 White 2 Black 3 Other
	5	Item 18E - SEX	All	1 Male 2 Female
	6	Item 18E - VETERAN STATUS	Males	1 Vietnam Era 2 Korean War 3 World War II 4 World War I 5 Other Service 6 Nonveteran

Word	Char.	Characteristic	Universe	Description
10	1-2	<u>Item 10E - HIGHEST GRADE (OF SCHOOL) ATTENDED</u>	All	None E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 G1 G2 G3 G4 G5 G6+
3		<u>Item 100 - GRADE COMPLETED</u>	All	Yes No
4		PADDING		
5		Blank		
6		PADDING		
				1 2

Word	Char.	Characteristic	Unlvarno	Employed	Description
19	1	ESSE - Employment Status Record (Last Work)	ALL	Employed	Working with job, not at work
				Unemployed	Looking
				Not in Labor Force	Home School Unable Other (Included Retired)
2		FADDDHO			
3		Indicator for principal person of household	ALL 1/		No 0 Yes 1
4-6		Document Count (Within Work Unit)	ALL		001-999
20	1-3	Work Unit Number (From Breaker Sheet)	ALL		If Breaker was missing 001 or 001-999 999 Assign
	4-5	Month	ALL		01-12
	6	Year - Last Digit	ALL		0-9
21 & 22	ALL	Final Weight	ALL		Two Understood Doomed Places. (Weight Justified, space fill -01)

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

-more-

Next page is 23.

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Word	Char.	Characteristic	Universe	Description
23	1-6	PADDING		
24	1-3	PADDING		
	4-6	JCEER	All	No. of errors charged to Enumerator 000-999
25	1-2	Blank		
	3	PADDING		
	4-6	Blank		
26	1	SMSA Status Code	All	SMSA 1 Non SMSA 2 Not Identifiable 3
	2	Central City Status Code	All	Central City 1 Balance of SMSA 2 Non SMSA 3 Not Identifiable 4
	3	Blank		
	4	SMSA Size (From M.S.T. - reflecting 1970 Census Population)	All	3 million 1 1 million-2,999,999 2 Not Identifiable Blank

--more--

Word	Char.	Characteristic	Universe	Description
26	5	Item 181 - ETHNICITY	All	1 Mexican American 2 Chicano 3 Mexican (Mexicano) 4 Puerto Rican 5 Cuban 6 Central or South American 7 Other Spanish 8 All other 9 Don't know A NA
27	1-2	Weighting Age Recode	All	01 14-15 Years old 02 16-17 03 18-19 04 20-21 05 22-24 06 25-29 07 30-34 08 35-39 09 40-44 10 45-49 11 50-54 12 55-59 13 60-61 14 62-64 15 65-69 16 70-74 17 75+
	6	PADDING		

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

--more--



Word	Char.	Characteristic	Universe	Description
28	2	Race-Sex Recode	All	Male white 1 Female white 2 Male other 3 Female other 4
	3	Agri. Wage and Salary	All	Not in Universe 0 In Universe 1
	4	Labor Force status	All	Civilian Labor Force 3 Not in Labor Force 4
	5	Full time or Part time status	All	Not in Labor Force 0 Employed full time 1 Part time for economic reasons 2 Unemployed full time 3 Employed part time 4 Unemployed part time 5
	6	Experienced Labor Force Employment Status	All	Not in experienced labor Force 0 Employed 1 Unemployed 2
29	1	Household relationship	All	Male head, living with relatives 1 Male head, living without relatives 2 Male relative of head 3 Male nonrelative of head 4 Female head, living with relatives 5 Female head, living without relatives 6 Wife of head 7 Female relative of head 8 Female nonrelative of head 9

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

-more-

## Attachment A

Page 2B

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

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-more-

Attachment A

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

Attachment A

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

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description																																																																																																														
35	1-2	Major Activity Ages 16-24	All	<table border="1"> <thead> <tr> <th>Age</th> <th>School</th> <th>Major Activity</th> <th>Other</th> <th>FEM</th> <th>Not RSP</th> </tr> <tr> <td></td> <td></td> <td>MALE or</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>FEM, RSP</td> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td>16</td> <td>1</td> <td>10</td> <td></td> <td>19</td> <td></td> </tr> <tr> <td>17</td> <td>2</td> <td>11</td> <td></td> <td>20</td> <td></td> </tr> <tr> <td>18</td> <td>3</td> <td>12</td> <td></td> <td>21</td> <td></td> </tr> <tr> <td>19</td> <td>4</td> <td>13</td> <td></td> <td>22</td> <td></td> </tr> <tr> <td>20</td> <td>5</td> <td>14</td> <td></td> <td>23</td> <td></td> </tr> <tr> <td>21</td> <td>6</td> <td>15</td> <td></td> <td>24</td> <td></td> </tr> <tr> <td>22</td> <td>7</td> <td>16</td> <td></td> <td>25</td> <td></td> </tr> <tr> <td>23</td> <td>8</td> <td>17</td> <td></td> <td>26</td> <td></td> </tr> <tr> <td>24</td> <td>9</td> <td>18</td> <td></td> <td>27</td> <td></td> </tr> <tr> <td></td> <td></td> <td>All Others</td> <td></td> <td>00</td> <td></td> </tr> </tbody> </table>	Age	School	Major Activity	Other	FEM	Not RSP			MALE or						FEM, RSP				16	1	10		19		17	2	11		20		18	3	12		21		19	4	13		22		20	5	14		23		21	6	15		24		22	7	16		25		23	8	17		26		24	9	18		27				All Others		00																																	
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Attachment A

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

-more-

Word	Char.	Characteristic	Industry	Description	
36	5-6	Major Industry (II)	Civ. Labor Force	Never Worked	00
				Agriculture	01
				Mining	02
				Construction	03
				Manufacturing	04
				Durable goods	05
				Nondurable goods	
				Transportation and public utilities	
				Postal	06
				Other transportation	07
				Other utilities	08
				Wholesale and retail trade	09
				Wholesale trade	10
				Retail trade	
				Finance, insurance, and real estate	11
				Private household service	12
				Miscellaneous service	13
				Business and repair	
				Personal, except private household	14
				Entertainment and recreation	15
				Medical, except hospitals	16
				Hospitals	17
				Welfare and religious	18
				Education	19
				Other professional services	20
				Forestry and fisheries	21
				Public administration GAF	22

1/ Starting with January, 1983, "Postal" workers were moved from "Public Administration" and placed under "Transportation", "Railroads and railway express" were included with "Other transportation"

2/ Starting in January, 1983, "Public Administration" includes the category "Armed Forces" which is restricted to unemployed persons who reported one of the military services as being their last job.

1/ 2/



Attachment A

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Word	Char. . Characteristic	Universe	Description
37	1-2	BLANK	

3-4	Class of worker Employed-Unemployed	Civ. Labor Force	Q/N Private Government (Federal, Local, and State) Self-employed Unpaid family Member	DUP 01 02 03 04 05	06 07 08 09 00

-more-

Attachment A

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

-more-

Word	Char.	Characteristic	Universe	Description
38	1-2	Detailed Industry	Civ. Labor Force	00 Never Worked 01 Goods-producing industries 02 Agricultural production 03 Agricultural services 04 Mining Construction Manufacturing Durable goods
				06 Lumber 07 Furniture 08 Stone, clay, glass 09 Primary metals 10 3/ Fabricated metals (incl. not spec. metal) 11 Machinery, exc. elect. 12 Electrical equipment Transportation equipment 13 Automobiles 14 Aircraft Other transportation equip. 15 Instruments 16 Miscellaneous 17 Nondurable goods 18 Food 19 Tobacco 20 Textiles 21 Apparel 22 Paper 23 Printing 24 Chemicals 25 Petroleum 26 Rubber and plastics Leather and not specified manufacturing 27

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

-more-

Word	Char.	Characteristic	Univ. Stat.	Description	
30	1-2	Detailed Industry (Con't)	Civ. Labor Force	Service-producing industries	
				Transportation and public utilities	28
				Postal	29
				Other transportation	30
				Communications	31
				Other public utilities	32
				Trade	33
				Wholesale	34
				Retail	35
				Eating and drinking places	36
				Other retail	37
				Finance, insurance, and real estate	38
				Banking and other finance	39
				Insurance and real estate	40
				Private household service	41
				Miscellaneous services	42
				Business and repair	43
				Business	44
				Repair	45
				Personal services, except private household :	46
				Entertainment and recreation	47
				Professional services	48
				Medical, except hospitals	49
				Hospitals	50
				Welfare and religious	51
				Educational	52
				Other professional	53
				Forestry and fisheries	54
				Public administration	55
				Armed Forces	56
				Other federal	57
				State	58
				Local	59

1/2

1/2 See page 33.

Attachment A

Howl	Char.	Characteristic	Universe	Description
------	-------	----------------	----------	-------------

30 3-6 BLANK

39 1-2 Manufacturing

Civ. Labor Force

Never worked or not Mfg. Incl. 00  
Durable goods

- Lumber 02
- Furniture 03
- Stone, clay, glass 04
- Primary metals 05
- 3/ Fabricated metals (Incl. not spec. metal) 06
- Machinery, exc. elect. 07
- Electrical equipment 08
- Transportation equipment 09
- Automobiles 10
- Aircraft 11
- Other transportation equipment 12
- Instruments 13
- Miscellaneous 13

3/ See page 36.

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-more-

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

-more-

Word	Char.	Characteristic	Universe	Description	
39	5-6	At work 1-3/4 hours by hours at work	ESR = 1 (Person's at work) and 20A is less than 35	Usually full time, part time for noneconomic reasons Usually work full time, part time for economic reasons 1-4 hours 5-14 hours 15-29 hours 30-34 hours Usually work part time, economic reasons 1-4 hours 5-14 hours 15-29 hours 30-34 hours Usually work part time, noneconomic reasons 1-4 hours 5-14 hours 15-29 hours 30-34 hours	00 01 02 03 04 05 06 07 08 09 10 11 12
40	1-2	Detailed reason by hours 1-3/4	ESR = 1 (At Work) and 20A is less than 35	Not in Universe Usually work full time Slack work Material shortages; plant or machine repair New job started Job terminated Holiday Labor dispute Bad weather Own illness On vacation All other	00 01 02 03 04 05 06 07 08 09 10

Attachment A

Word	Chr.	Characteristic	Universe	Description	
40	1-2	Detailed reason by hours 1-3/4 (Cont)	ESR = 1 (All work and 20A to long than 35	11 Unusually work part time 12 Slack work 13 Could find only part time work 14 Own illness 15 Too busy or did not want full time 16 Full-time work work in under 35 hours All other	11 12 13 14 15 16
	3-4	Reason not at work and pay status	ESR = 2 (with job; not at work)	00 Not in universe Usually work full time Paid 01 Vacation 02 Illness 03 All other 04 Not Paid 05 Vacation 06 Illness All other Usually work part time Paid 07 Vacation 08 Illness 09 All other 10 Not Paid 11 Vacation 12 Illness All other	00 01 02 03 04 05 06 07 08 09 10 11 12
	5-6	Program Signal	All		50
41	1	PADDING			





Word	Char.	Characteristic	Universe	Description
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Edited Earnings Items (outgoing rotations only)

43 and 44	ALL	Earnings Weight for ALL Races	Eligible for Earnings 1/	Two implied decimal places, right justified, space filled
45 and 46	ALL	Earnings Weight for Black	Eligible for Earnings 1/ and Race = Black	Two implied decimal places, right justified, space filled
47 and 48	ALL	Earnings Weight for Spanish	Eligible for Earnings 1/ and Ethnicity = Spanish	Two implied decimal places, right justified, space filled
49	1	Eligibility Flag 1/	ALL	Not eligible Eligible
50	2-3	125A (Edited) - Usual hours worked per week?	Eligible	Hours worked 00-9
51	4	125B (Edited) - Paid by hour?	Eligible	Yes No
52	5-6 1-2	125C (Edited) - Earnings per hour?	125B (Edited) = 1	Earnings per hour (2 implied decimal places) 0000-999
53	3-5	125D (Edited; computed) 2/ Earnings per week	Eligible	Earnings per week 000-99

1/- One of the following conditions must be met for a person to be in the universe:  
 (1) If outgoing rotation (wd. 1, ch. 2=4 or 8) and ESR 1 or 2 (wd. 19, ch. 1=1 or 2) and edited Item 23E is Private (wd. 15, ch. 3=1) and unedited item 23E is blank, private, or government (wd. 53, ch. 6/7, 6, 7, or 8)

(2) If outgoing rotation and ESR 1 or 2 and edited Item 23E is Government (wd. 15, ch. 3=2)  
 For hourly workers, computed 25A X 25C value appears here. For weekly workers, edited 25D value appears here.  
 This field is used for tabulation purposes for weekly workers.

Word	Char.	Characteristic	Universe	Description
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50	6	PADDING		
51	1	125A Allocation Flag	Eligible	125A not allocated 125A allocated
	2	125B Allocation Flag	Eligible	125B not allocated 125B allocated
	3	125C Allocation Flag	125D (Edited) = 1	125C not allocated 125C allocated
	4	125D Allocation Flag	Eligible	125D not allocated 125D allocated
	5	125 (Edited) Interviewer Check Item	ESR 1 or 2 and 23E = P, F, S, or L	(Not in Universe) Month-in-sample 1, 2, 3, 5, 6, or 7 Month-in-sample 4 or 8
	6	123F (Edited) Interviewer Check Item	ALL	(Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 123E Entry (or NA) in 121B and P, F, S, or L in 123E
52	1-3	125D (Edited) - Usual weekly earnings	3/	Weekly Earnings

000-999

52 }  
thru }  
52 }

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

Word	Char.	Characteristic	Universe	Description
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Basic CPS Allocation Flags

53	1	Item 5a	All	
	2	4		
	3	5b		
	4	9		
	5	All Labor Force Items		
	6	ESR		
54	1	18D		
	2	18E - Sex		
	3	18H		
	4	18D		
	5	18C		
	6	18G		
55	1	18F		
	2	18E - Veteran Status		
	3	19		
	4	23D		
	5	23C		
	6	23E		

Not Allocated  
, Allocated

Word	Char.	Characteristic	Universe	Description
46	1	20A	All	Not Allocated
	2	20C		
	3	21A		
	4	21B		
	5	21C		
	6	22C		
47	1	22D	All	Not Allocated
	2	22F		
	3	24A		
	4	24B		
	5	24C		
	6	24D		
50	1	22A	All	Not Allocated
	2	22E		
	3	18A		
	4	22D		
	5	24E		
	6	Geographic Identification		

Word Char. Characteristic Universe Description

Unedited Basic CPS Transcription Items 1/

59,	1	Item 26	Unedited Basic CPS Transcription Items 1/	Universe	Description	Owned or being bought	6
						Rented	7
						No cash rent	8
						No entry	Blank
59	2	Item 27	Total Family Income (Unedited)	All	Under \$5,000		0
					\$5,000 - 7,499		1
					\$7,500 - 9,999		2
					\$10,000 - 12,499		3
					\$12,500 - 14,999		4
					\$15,000 - 17,499		5
					\$17,500 - 19,999		6
					\$20,000 - 24,999		7
					\$25,000 - 29,999		8
					\$30,000 - 34,999		9
					\$35,000 - 39,999		A
					\$40,000 - 49,999		B
					\$50,000 - 74,999		C
					\$75,000 and Over		D
					No Entry		Blank
3		Item 28	Total Number of Household All <sup>2/</sup> under 14 years of age-- Boys (Unedited)		Number of Boys		0-9
4		Item 28	Total Number of Household All <sup>2/</sup> under 14 years of age-- Girls (Unedited)		No entry		Blank
59	thru 5	}	PADDING		Number of Girls		0-9
60	6						

Note Items 26-28 are included on each person's record.

January, April, July, and October only. Padding all other months.

6/6/59

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

--more--

WORD CHAR. CHARACTERISTIC

VALUES

UNIVERSE DESCRIPTION

61 4-5 : Class of Worker II (Detailed)

Some as I23E  
(Exc. Never  
worked)

Agriculture  
Wage & Salary  
Private  
Government  
Self-Employed  
Unpaid Family  
Non-Agriculture  
Wage & Salary  
Private Industry  
Private Household  
Other Private  
Government  
Federal  
State  
Local  
Self-Employed  
Unpaid Family

01  
02  
03  
04

05  
06

07  
08  
09  
10  
11

Major Occupation

Some as I23E

Managerial & Professional  
Executive, admin. & managerial  
Professional specialty  
Technical, sales & admin. support  
Technicians & related support  
Sales  
Administrative support,  
incl. clerical  
Service  
Private household  
Protective service  
Other service  
Precision production, craft and  
repair  
Operators, fabricators & laborers  
Machine operators, assemblers &  
inspectors  
Transportation & material moving  
Handlers, equip. cleaners, etc.  
Farming, forestry & fishing  
Armed Forces  
No previous experience -  
Never worked

01  
02

03  
04

05

06  
07

08

09

10  
11

12  
13

14  
15



WORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
------------	----------------	----------	-------------	--------

62	2-3	Major Industry		
		Same as I23E (Exc.ilver workad)	Agriculture	01
			Mining	02
			Construction	03
			Manufacturing	04
			Durable goods	05
			Non-durable goods	06
			Transportation, communications & other public utilities	07
			Transportation	08
			Communications & public util.	09
			Communications	10
			Utilities & sanitary services	11
			Wholesale & retail trade	12
			Wholesale trade	13
			Retail trade	14
			Finance, insurance & real estate services	15
			Private households	16
			Miscellaneous services	17
			Business & repair	18
			Personal services, exc. priv. hb	19
			Entertainment & recreations	20
			Professional & related hospitals	21
			Medical, exc. hospitals	22
			Educational	23
			Social services	
			Other professional	
			Forestry & fisheries	
			Public administration	
			Armed Forces	

-NOTE-

ATTACHMENT A (Interview Adults)

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

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

WORD CHAR. CHARACTERISTIC

UNIVERSE

DESCRIPTION

VALUES

Detailed Industry

62 6 }  
63 1 }

Same as I23E

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

-more-

ATTACHMENT A

VALUES

WORD CHAR. CHARACTERISTIC

UNIVERSE

DESCRIPTION

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	6	Detailed Industry (cont'd)	Same as I23E	Service-producing industries	29
63	1			Transportation, communication & other public utilities	30
				Transportation	31
				Communications & other public utilities	32
				Communications	33
				Utilities & sanitary serv.,	34
				Wholesale & retail trade	35
				Wholesale trade	36
				Retail trade	37
				Finance, insurance & real estate	38
				Banking & other finance	39
				Insurance & real estate services	40
				Private household	41
				Misc. services	42
				Business & repair serv.	43
				Business services	44
				Repair services	45
				Personal services, exc. private household	46
				Entertainment & recreation	47
				Professional & related serv.	48
				Hospitals	49
				Health serv., exc. hospitals	50
				Educational services	51
				Social services	
				Other professional serv.	
				Forestry & fisheries	
				Public administration	
				Justice, public order & safety	
				Admin. of human resource programs	
				National security & internal affairs	
				Other public administered	
				Armed Forces	

ATTACHMENT A

WORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
63 2-4	Item 23B - INDUSTRY (1980 Edited)	Same as I23E (Exc. Never worked)	3-digit Industry Code	010-991
63 5-6	Item 23C - OCCUPATION (1980 Edited)	Same as I23E (Exc. Never worked)	3-digit Occupation Code	003-905
64 1				

END OF BASIC CPS RECORD

ATTACHMENT 6

CURRENT POPULATION SURVEY  
 CHILDREN'S INTERVIEW RECORD LAYOUT  
 (BEGINNING JANUARY 1983)  
 FOR STANDARD TAPE COPIES

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

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

-more-

Word	Char.	Characteristic	Universe	Description
3	5	Division (From M.S.T.)	All	1 } New England 2 } Middle Atlantic 3 } East North Central 4 } West North Central 5 } South Atlantic 6 } East South Central 7 } West South Central 8 } Mountain 9 } Pacific  11 } <u>New England Division</u> 12 } Maine 13 } New Hampshire 14 } Vermont 15 } Massachusetts 16 } Rhode Island 17 } Connecticut  21 } <u>Middle Atlantic Division</u> 22 } New York 23 } New Jersey 24 } Pennsylvania
5-6		State (1st digit of State Code is Division Code) (From M.S.T.)	All	

-more-



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

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From H.S.T.) (Cont.)	All	
				<u>West South Central Division</u>
				Arkansas 71
				Louisiana 72
				Oklahoma 73
				Texas 74
				<u>Mountain Division</u>
				Montana 81
				Idaho 82
				Wyoming 83
				Colorado 84
				New Mexico 85
				Arizona 86
				Utah 87
				Nevada 88
				<u>Pacific Division</u>
				Washington 91
				Oregon 92
				California 93
				Alaska 94
				Hawaii 95

-more-

Word	Char.	Characteristic	Universe	Description	1970 Ranking
4	1-2	State Rankings (From M.S.T.)	All	California	01
				New York	02
				Pennsylvania	03
				Texas	04
				Illinois	05
				Ohio	06
				Michigan	07
				New Jersey	08
				Florida	09
				Massachusetts	10
				Indiana	11
				North Carolina	12
				Missouri	13
				Virginia	14
				Georgia	15
				Wisconsin	16
				Tennessee	17
				Maryland	18
				Minnesota	19
				Louisiana	20
				Alabama	21
				Washington	22
				Kentucky	23
				Connecticut	24
				Iowa	25
				South Carolina	26
				Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description	1970 Ranking
4	3-4	SMSA Rankings (From H.S.T.)	SMSA's		
				Not an SMSA and all other SMSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.- N.J.	04
				Detroit, Mich.	05
				San Francisco-Oakland, Calif.	06
				Washington, D.C.-W.-Va.	07
				Boston, Mass.	08
				Nassau-Suffolk, N.Y.	09
				Pittsburgh, Pa.	10
				St. Louis, Mo.-Ill.	11
				Baltimore, Md.	12
				Cleveland, Ohio	13
				Houston, Texas	14
				Newark, N.J.	15
				Minneapolis-St. Paul, Minn.	16
				Dallas, Texas	17
				Seattle-Everett, Wash.	18
				Anaheim-Santa Ana-Garden Grove, Calif.	19
				Milwaukee, Wis.	20
				Atlanta, Ga.	21
				Cincinnati, Ohio - KY.	22
				Paterson-Clifton-Passaic, N.J.	23
				San Diego, Calif.	24
				Duffalo, N.Y.	25
				Miami, Fla.	26
				Kansas City, Mo.-Kan.	27
				Denver, Colo.	28
				San Bernardino-Riverside-Ontario, Calif.	29

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From H.S.T.)	SMSA's	Indianapolis, Ind. San Jose, Calif. New Orleans, La. Tampa-St. Petersburg, Fla. Portland, Ore. Columbus, Ohio Rochester, N.Y. Sacramento, Calif. Fort Worth, Texas Birmingham, Ala. Albany-Schenectady-Troy, N.Y. Norfolk-Portsmouth, Va. Akron, Ohio Gary-Hammond-East Chicago, Ind. Greensboro-Winston-Salem- High Point, N.C.	30 31 32 33 34 36 38 42 44 45 46 48 49 53 57
5		Item 1 - INTERVIEWER CHECK ITEM	ALL	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1	- 1 2 3 4
6		Blank			

-more-

Word	Char.	Characteristic	Universe	Description
5	1-3	Blank		
4-6		<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit
6	1	<u>Item 12</u> - LINE NO. H'ILD RESP.	All	Blank or Impossible
				Non H'ild Resp.
				Blank
				Personal
				Tel. - Regular
				Tel. - Callback
				ICR Filled
3-4		<u>Item 11</u> - DATE COMPLETED	All	Day of Month
5-6		PADDING		
7	1-5	PADDING		
	6	BLANK		

-NA, or  
A00-999  
(Excluding I--)

1-6  
7  
2  
3  
4  
5

-- or  
10-29

-more-

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



Word	Char.	Characteristic	In/verse	Description
8	5	Blank		
	6	Item 9 - HOUSEHOLD NUMBER	All	1-8
9	1	} PADDING		
	Through			
16	3			

more

Ord	Char.	Characteristic	In reverse	Description
16	4-5	Item 10A - LINE NUMBER	ALL	00-39
6		Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Final Edited Recoded - using Relationship to Reference Person (See word '1, char. 1 for expanded version)	Child (0-13 Years)	Other relative of head (includes own child/brother sister/other relative) 4 Non-relative-own relatives in household 5 Non-relative-no own relatives in household 6
17	1-2	Item 10C - AGE	Child (0-13 Years)	00-13
3		PADDING		
4		Item 10H - RACE (Recode)	ALL	White 1 Black 2 Other 3
5		Item 10E - SEX	ALL	Male 1 Female 2
6		PADDING		
18	1-3	PADDING		
4		Program Signal	ALL	1 Child in Household 2 or more children in household
5		Blank		2
6		PADDING		

-more-

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

Word	Char.	Characteristic	Universe	Description
24	1-6	PADDING		
25	1-2	Blank		
	3	PADDING		
	4-6	Blank		
26	1	SMSA Status Code	ALL	SMSA Non SMSA Not Identifiable
	2	Central City Status Code	ALL	Central City Balance of SMSA Non SMSA Not Identifiable
	3	Blank		
	4	SMSA Size (From M.S.T. - reflecting 1970 Census Population)	ALL	3 million 1 million-2,999,999 Not Identifiable

--more--

Word	Char.	Characteristic	Universe	Description
26	5	Item 101 - ETHNICITY (Recode)	ALL	Mexican American 1 Chicano 2 Mexican (Mexicano) 3 Puerto Rican 4 Cuban 5 Central or South American 6 Other Spanish 7 All other 8 Do Not Know 9 NA A
27	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4	}		
	5		PADDING	
	6	BLANK		
28	1	}		
	Through 6		PADDING	
	40			

-more-

Word	Char.	Characteristic	Universe	Description
41	1	Item 18B-Relationship to Head of household-expanded- (Edited using Head's and child's Relationship to Reference Person)	Child (0-13 years old)	Own Child 1 Brother/Sister 2 Other relative 3 Non-relative-Own relatives in household 4 Non-relatives-no own relatives in household 5
<u>Unedited Personal Transcription Item</u>				
41	2	Item 18B - Relationship To Reference Person (FOSD1C) Note: The codes in parenthesis are the codes for adults. Note: These codes may not be consistent if used in conjunction with adult's relationship to head.	Child (0-13 years old)	Blank - Own Child 1 (5) Brother/Sister 2 (7) Other Relative of Ref. Person 3 (8) Non-relative w/own relatives 4 (9) Non-relative no own relatives 5 (A)
41	3	PADDING		
58	6			

-more-

Word Char. Characteristic Universe Description

Unedited Basic CPS Transcription Items 1/

59,	1	Item 26	Tenure (Unedited)	All	Owned or being bought Rented	6
	2	Item 27	Total Family Income (Unedited)	All	No cash rent	7
					No entry	8
						Blank

					Under \$5,000	0
					\$5,000 - 7,499	1
					\$7,500 - 9,999	2
					\$10,000 - 12,499	3
					\$12,500 - 14,999	4
					\$15,000 - 17,499	5
					\$17,500 - 19,999	6
					\$20,000 - 24,999	7
					\$25,000 - 29,999	8
					\$30,000 - 34,999	9
					\$35,000 - 39,999	A
					\$40,000 - 49,999	B
					\$50,000 - 74,999	C
					\$75,000 and Over	D
					No Entry	Blank

3	Item 28	Total Number of Household All <sup>2/</sup> under 14 years of age-- Boys (Unedited)	Number of Boys	0-9
			No entry	Blank

4	Item 28	Total Number of Household All <sup>2/</sup> under 14 years of age-- Girls (Unedited)	Number of Girls	0-9
			No entry	Blank

59 thru 5 }  
 64 thru 1 }  
 PADDING

1/ Note Items 26-28 are included on each person's record.

2/ January, April, July, and October only. Padding all other months.

-END OF BASIC CPS RECORD-

CURRENT POPULATION SURVEY  
 NONINTERVIEW TYPE A RECORD LAYOUT  
 FOR STANDARD TAPE COPIES  
 (BEGINNING JANUARY 1982)

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



Attachment B

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

-more-

096  
2065

Attachment B

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

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

Attachment B

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

1970 Ranking

Word	Char.	SMSA Rankings (From M.S.T.)	SMSA's	Description	1970 Ranking
4	3-4		SMSA's	Not an SMSA and all other SMSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.-N.J.	04
				Detroit, Mich.	05

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (From M.S.T.) (Con't)	SMSA's	San Francisco-Oakland, Calif.	06
				Washington, D.C.-Md.-Va.	07
				Boston, Mass.	08
				Nassau-Suffolk, N.Y.	09
				Pittsburgh, Pa.	10
				St. Louis, Mo.-Ill.	11
				Baltimore, Md.	12
				Cleveland, Ohio	13
				Houston, Texas	14
				Newark, N.J.	15
				Minneapolis-St. Paul, Minn.	16
				Dallas, Texas	17
				Seattle-Everett, Wash.	18
				Anaheim-Santa Ana-	
				Garden Grove, Calif.	19
				Milwaukee, Wis.	20
				Atlanta, Ga.	21
				Cincinnati, Ohio-Ky.	22
				Paterson-Clifton-Passaic, N.J.	23
				San Diego, Calif.	24
				Buffalo, N.Y.	25
				Miami, Fla.	26
				Kansas City, Mo.-Kan.	27
				Denver, Colo.	28
				San Bernardino-Riverside-	
				Ontario, Calif.	29
				Indianapolis, Ind.	30
				San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.	34
				Columbus, Ohio	36
				Rochester, N.Y.	38
				Sacramento, Calif.	42

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	Fort Worth, Texas	44
				Birmingham, Ala.	45
				Albany-Schenectady-Troy, N.Y.	46
				Norfolk-Portsmouth, Va.	48
				Akron, Ohio	49
				Gary-Hammond-East Chicago, Ind.	53
				Greensboro-Winston-Salem High Point, N.C.	57
5		Item 1 - INTERVIEWER CHECK ITEM	A11	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household	- 1 2
				Second CPS-1 of cont. household	3
				Third, fourth, etc. CPS-1	4
6		Blank			
5	1-3	Blank			
4-6		Item 10 - INTERVIEWER CODE	A11	Blank or Impossible in any digit	-NA, OR A00-M99 (Excluding 1--)
6	1	Item 12 - LINE NO. H'HLD RESP.	A11	Blank or Impossible	- 1-6
				Non H'hld Resp.	7
2		Item 13 - TYPE INTERVIEW	A11	Noninterview	1

-more-

Attachment B

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

-more-

Word	Char.	Characteristic	Universe	Description
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	Other Unit Qtrs. not HU in rooming or boarding house 07 Unit not permanent in trans. hotel, motel, etc. 08 Tent or trailer site 09 Other not HU 10
4		"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm 1 Farm ≥ 10 acres 2 Farm < 10 acres 3
5		Blank		
6		Item 9 - HOUSEHOLD NUMBER (Unedited)	All	Blank 1-8
9 through 19	1 2	PADDING		
3			Household Indicator	1
4-6		Document Count (Within Work Unit)	All	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	If Breaker was missing 001 or ΔΔ1-999 9XX Assigned

-more



Word	Char.	Characteristic	Universe	Description
20	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
21	1-6	Fill	All	(Binary 01)
22	1-5			
	6	Final Weight	All	"Regular Type A" Sub Sample 1 2-4
23	All	Blank		
24	1	Blank		
	2-3	PADDING		
	4-6	JRCERR		
25	1-2	Blank		
	3	PADDING		
	4-6	Blank		
26	1	SMSA Status Code	All	SMSA 1 Non SMSA 2 Not Identifiable 3
	2	Central City Status Code	All	Central city 1 Balance of SMSA 2 Non SMSA 3 Not Identifiable 4

No. of errors charged to  
enumerator 000-999

-more-

Word	Char.	Characteristic	Universe	Description
26	3	Blank		
4		SMSA Size (From M.S.T. - reflecting 1970 Census Population)	All	3 million+ 1 million-2,999,999 Not Identifiable
	5-6	PADDING		
27	1-3	Blank		
	4	RACE (Recode)	All	White Other
	5-6	Blank		
28	1	Blank		
52	6			

through

Word	Char.	Characteristic	Universe	Description
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BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	ALL	Not Allocated Allocated
	2	4		
	3	5b		Not Allocated Allocated
	4	9		
53 Thru 54	5 } 2	Padding		
54	3	14 - Race		
54 Thru 58	4 } 5	Padding		
58	6	Geographic Identification		
59 Thru 64	1 } 1	Padding		

END OF BASIC CPS RECORD

CURRENT POPULATION SURVEY  
 NONINTERVIEW TYPE B-C RECORD LAYOUT  
 FOR STANDARD TAPE COPIES  
 (Beginning January 1982)

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

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

-more-

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

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description	1970 Ranking
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30
				Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Hawaii	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51
4	3-4	SMSA Rankings (From M.S.T.)	SMSA's	Not an SMSA and all other SMSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.-N.J.	04
				Detroit, Mich.	05

-more-



Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (From M.S.T.) (Con't)	SMSA's	San Francisco-Oakland, Calif.	06
				Washington, D.C.-Md.-Va.	07
				Boston, Mass.	08
				Nassau-Suffolk, N.Y.	09
				Pittsburgh, Pa.	10
				St. Louis, Mo.-Ill.	11
				Baltimore, Md.	12
				Cleveland, Ohio	13
				Houston, Texas	14
				Newark, N.J.	15
				Minneapolis-St. Paul, Minn.	16
				Dallas, Texas	17
				Seattle-Everett, Wash.	18
				Anaheim-Santa Ana-	
				Garden Grove, Calif.	19
				Milwaukee, Wis.	20
				Atlanta, Ga.	21
				Cincinnati, Ohio-Ky.	22
				Paterson-Clifton-Passaic, N.J.	23
				San Diego, Calif.	24
				Buffalo, N.Y.	25
				Miami, Fla.	26
				Kansas City, Mo.-Kan.	27
				Denver, Colo.	28
				San Bernardino-Riverside-	
				Ontario, Calif.	29
				Indianapolis, Ind.	30
				San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.	34
				Columbus, Ohio	36
				Rochester, N.Y.	38
				Sacramento, Calif.	42

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From H.S.T.)	SMSA's	Fort Worth, Texas Birmingham, Ala. Albany-Schenectady-Troy, N.Y. Norfolk-Portsmouth, Va. Akron, Ohio Gary-Hammond-East Chicago, Ind. Greensboro-Winston-Salem High Point, N.C.	44 45 46 48 49 53 57
5		Item 1 - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1	- 1 2 3 4
5	1-3	Blank			
6	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or APP-M99 (Excluding I--)
6	1	Item 12 - LINE NO. H' HLD RESP.	All	Blank or Impossible	- 1-6 7
2		Item 13 - TYPE INTERVIEW	All	Non H'hld Resp. Noninterview	1

Word	Char.	Characteristic	Universe	Day of Month	Description	-- or 10-29
6	3-4	Item 11 - DATE COMPLETED	A11			
	5	PADDING				
	6					
7	1-2	Item 15 - TYPE B OR C (Recode)	A11			
					<u>Type B</u>	
					Vacant - regular	01
					Vacant - storage of h'hld furniture	02
					Temp. occ. by persons with URE	03
					Unfit or to be demolished	04
					Under construction, not ready	05
					Converted to temp. business or storage	06
					Occ. by AF members or persons under 14	07
					Unoccupied tent site or trailer site	08
					Permit granted, construction not started	09
					Other	10
					<u>Type C</u>	
					Demolished	11
					House or trailer moved	12
					Outside segment	13
					Converted to permanent business or storage	14
					Merged	15
					Condemned	16
					Built after April 1, 1970	17
					Unused line of listing sheet	18
					Other	19

Word	Char.	Characteristic	Universe	Description
7	3-5	PADDING		
8	6	Blank		
	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition.	All	Nonfarm Farm $\geq$ 10 acres Farm $<$ 10 acres
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	Housing Unit House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above

-more-

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

-more

Word	Char.	Characteristic	Universe	Description
20	4-5	Month	All	01-12
21	6	Year - Last Digit	All	0-9
22	1-6 1-5	Fill	All	(Binary 01)
23	6	Final Weight	All	"Regular Type B-C" Sub Sample
24	2-3	PADDING		1 2-4
25	4-6	JRCERR		No. of errors charged to enumerator
26	1-2	Blank		000-999
27	3	PADDING		
28	4-6	Blank		
29	1	SMSA Status Code	All	SMSA 1 Non SMSA 2 Not Identifiable 3
30	2	Central City Status Code	All	Central city 1 Balance of SMSA 2 Non SMSA 3 Not Identifiable 4

-more-

Word	Char.	Characteristic	Universe	Description
26	3	Blank		
	4	SMSA Size (From M.S.T. - reflecting 1970 Census Population)	All	3 million+ 1 million-2,999,999 Not Identifiable
	5-6	PADDING		
27	1-3	Blank		
	4	RACE (Recode)	All	White Other
	5-6	Blank		
28	1	} through		1
	6			2
52			Blank	

Word	Char.	Characteristic	Universe	Description
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BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	All	Not Allocated Allocated
	2	4		
	3	5b		→
	4	9		
53 Thru 58	5 } 5 }	PADDING		→
58	6	Geographic Identification		
59 Thru 64	1 } 1 }	PADDING		0 1 →

END OF BASIC CPS RECORD



CURRENT POPULATION SURVEY  
 JANUARY 1983 SUPPLEMENT  
 OCCUPATIONAL MOBILITY, TRAINING, AND JOB TENURE

Jan. 1984

Page 1

PUBLIC USE FILE

Word	Char.	Characteristics	Universe	Description	Values
64	2	PADDING	All Supplement	Interview NonInterview	1 2
65	2				
	3	EDITED SUPPLEMENT DATA Supplement Interview Status Flag	All Supplement	Interview NonInterview	1 2
	4	PADDING			
	5	Flag I35-150	All Supplement	Interview	3
66	6	PADDING	E39A = 1	One 2-4 5+ NA	1 2 3 -
	1-3				
	4	E46(39A) - How many courses were included in the program?	E39A = 1	One 2-4 5+ NA	1 2 3 -
	5	E43(39B) - Was the training sponsored by a government program such as CETA?	E39B = 1	YES NO NA	1 2 -
	6	E44(39D) - How long was the training program?	E39D = 1	Under 12 weeks 13-25 weeks 26-52 weeks 53+ weeks NA	1 2 3 4 -

-more-

Word	Char.	Characteristics	Universe	Description	Values
67	1	E45(39D) - Did you complete the training?	E39B = 1	YES NO NA	1 2 -
	2	E46(39D) - How many courses were included in the program?	E39B = 1	One 2-4 5+ NA	1 2 3 -
	3	E47(39D) - Was the training given primarily	E39B = 1	Away from your job? On the job? NA	1 2 -
	4	E48(39D) - Was this an apprenticeship program leading to journeyman status?	E39B = 1	YES NO NA	1 2 -
	5	E50 - Who responded to supplement items?	E29=1 or 2	SELF OTHER NA	1 2 -
67	1-2	Edited year ago Industry code (NUMERIC)	E31 = 2	See CPS-1 Document 1 Word 100:1-3	
68		Edited year ago Occupation code (NUMERIC)	E31 = 2	See CPS-1 Document 1 Word 100:4-6	
					-more-

Word	Char.	Characteristics	Unlvsoroo	Description	Values
68	6 1	Industry Recode	E31 = 2	See Monthly Record Layout Word 87: 2-3	
69		Occupation Recode	E31 = 2	See Monthly Record Layout Word 86:6 and 87:1	
	4-5	Class of Worker Recode	E31 = 2	See Monthly Record Layout Word 86:4-5	
69	6	Supplement Weight	ESR=1 or 2 AND ESR=3&12: 5=1or2	Two implied decimal places (right justified, space fill)	
thru					
71	5				
	6	E29 - Interviewer Check Item	All Interviewers	ESR 1 ESR 2&3 (12:5=1or2) All Other	1 2 -
72	1	E30 - Was...working a year ago, in January 1980?	Supplement Int. Status = 1 & E29 = 1	YES NO NA	1 2 -
	2	E30A - Was...on layoff or looking for work at that time?	E30 = 2	YES NO NA	1 2 -

-more-

Word	Char.	Characteristics	Unl. v. orgo	Description	Values
72	3	E31 - You told me that...is now working as <u>Was...doing the same kind of work a year ago, in Jan. 027</u>	E30 = 1	YES NO NA	1 2 -
	4	E32E - Class of worker  Note: To obtain total private wage and salary workers, and self employed-incorporated workers (5) in with the private workers (1)	E31 = 2	Private Federal Government State Government Local Government Self-employed - Inc. Self-employed - Uninc. Without pay	1 2 3 4 5 6 7

Word	Char.	Characteristics	Universe	Description	Values
72	5-6	E33 - Altogether, how long has ...done the kind of work he/she is doing now?	E31 = 1	YEARS NA	00-99 --
73	1-2	E34YR - How long has...been working continuously for the present employer (or as self-employed)? (Years)	E31 = 1	YEARS NA	00-99 --
	3-4	E34M - (Months, if less than one year)	E31 = 1	MONTHS NA	1-12 -
	5	E35 - Did you need specific skills or training to obtain your current (last) job?	E29 = 1 or 2	YES NO NA	1 2 -
	6	E36 - Did you obtain those skills or training through one or more of the following: E36A - A training program in high school or post-secondary school	E35 = 1	YES NA	1 -
74	1	E36B - A formal company training program such as apprenticeship training or other type of training having an instructor and a planned program	E35 = 1	YES NA	1 -

-more-

Word	Char.	Character/Item	Universe	Description	Values
74	2	E36C - Informal on-the-job training or experience in previously held job or jobs.	E35 = 1	YES NA	1 -
	3	E36D - Training received in the Armed Forces	E35 = 1	YES NA	1 -
	4	E36E - A correspondence course	E35 = 1	YES NA	1 -
	5	E36F - Informal training from a friend or relative or other experience not related to work	E35 = 1	YES NA	1 -
	6	E37 - Interviewer Check Item	E29 = 1 or 2	Category "A" marked in 29 Category "B" marked in 29	1 2
75	1	E38 - Since you obtained your present job, did you take any training to improve your skills?	E37 = 1	YES NO NA	1 2 -
	2	E39 - Did you take the training in A. A school?	E38 = 1	YES NA	1 -
	3	B. A formal company training program?	E38 = 1	YES NA	1 -
	4	C. Informal on-the-job training?	E30 = 1	YES NA	1 -

-more-

Word	Char.	Characteristics	Unl verbo	Description	Values
75	5	D., Other?	E38 = 1	YES NA	1
	6	E40 - Interviewer Check Item o Entry in 36A complete	E37 = 1 or 2	YES NA	1
76	1	o Entry in 36B complete	E37 = 1 or 2	YES NA	1
	2	o Entry in 39A complete	E37 = 1 or 2	YES NA	1
	3	o Entry in 39B complete	E37 = 1 or 2	YES NA	1
	4	o NONE of the Above	E37 = 1 or 2	YES NA	1
	5	E41(36A) - 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: o A high school vocational program? o A private post-high school vocational school program? o A public post-high school vocational school program?	E36A = 1	YES NA	1
77	1		E36A = 1	YES NA	1

-more-



Word	Char.	Characteristics	Universe	Description	Values
77	2	0 Junior or community college or Technical Institute?	E36A = 1	YES NA	1 -
	3	0 4 year or longer college program?	E36A = 1	YES NA	1 -
	4	E42(36A) - Did your employer pay for the training?	E36A = 1	YES NO NA	1 2 -
	5	E43(36A) - Was the training sponsored by a government program such as CETA?	E36A = 1	YES NO NA	1 2 -
	6	E44(36A) - How long was the training program?	E36A = 1	Under 12 weeks 13-25 weeks 26-52 weeks 53+ weeks NA	1 2 3 4 -
78	1	E45(36A) - Did you complete the training?	E36A = 1	YES NO NA	1 2 -
	2	E46 (36A) - How many courses were included in the program?	E36A = 1	One 2-4 5+ NA	1 2 3 -

-more-



Word	Char.	Characteristics	Universe	Description	Values
78	3	E43(36B) - (These questions refer to the formal training you took to (obtain) (improve) your job)	E36B = 1	YES	1
				NO	2
				NA	-
78	4	E44(36B) - How long was the training program?	E36B = 1	Under 12 weeks	1
				13-25 weeks	2
				26-52 weeks	3
				53+ weeks	4
				NA	-
78	5	E45(36B) - Did you complete the training?	E36B = 1	YES	1
				NO	2
				NA	-
78	6	E46(36B) - How many courses were included in the program?	E36B = 1	One	1
				2-4	2
				5+	3
				NA	-
79	1	E47(36B) - Was the training given primarily	E36B = 1	Away from your job	1
				On the job?	2
				NA	-
79	2	E48(36B) - Was this an apprenticeship program leading to Journeyman status?	E36B = 1	YES	1
				NO	2
				NA	-

-more-

Word Char. Characteristic Unl. Verbo Description


79	3	E49(36B) - Was this training provided by	E36B = 1	YES NA	1 -
		o Your present employer			
	4	o Or a former employer	E36B = 1	YES NA	1 -
	5	E41(39A) - 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:			
		o A high school vocational program?	E39A = 1	YES NA	1 -
	6	o A private post-high school vocational school program?	E39A = 1	YES NA	1 -
80	1	o A public post-high school vocational school program?	E39A = 1	YES NA	1 -
	2	o Junior or community college of Technical Institute?	E39A = 1	YES NA	1 -
	3	o 4 year or longer college program?	E39A = 1	YES NA	1 -

-more-

Word	Char.	Characteristics	Universe	Description	Values
80	4	E42(39A) - Did your employer pay for the training?	E39A = 1	YES	1
				NO	2
				NA	-
	5	E43(39A) - Was the training sponsored by a government program such as CETA?	E39A = 1	YES	1
				NO	2
				NA	-
	6	E44(39A) - How long was the training program?	E39A = 1	Under 12 weeks	1
				13-25 weeks	2
				26-52 weeks	3
				53+ weeks	4
				NA	-
81	1	E45(39A) - Did you complete the training?	E39A = 1	YES	1
				NO	2
				NA	-

- END OF RECORD -

ATTACHMENT 10  
QUESTIONNAIRE FACSIMILE

<p><b>INTERVIEWER CHECK ITEM</b></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 fifth CPS-1..... <input type="checkbox"/></p>	<p>FORM CPS-1</p> <div style="text-align: center;">  <p>U.S. DEPARTMENT OF COMMERCE Bureau of the Census</p> <p><b>CURRENT POPULATION SURVEY</b></p> <p><small>Form Approved - O.M.B. No. 0607-0049</small></p> </div>	<p>CONTROL NUMBER</p> <p>PSU                      SEGMENT                      SERIAL</p>
--	---	---

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

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

---

**INTERVIEW**

ANY ENTRY OTHER THAN NEVER WORKED IN ITEMS Yes   
23A-E in the CPS-1 ..... No

**NONINTERVIEW**

TYPE A .....

TYPE B .....

TYPE C .....

*(SEND INTER COMM)*

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

CURRENT

POPULATION

SURVEY

JANUARY 1983



MONTH  YEAR

4. TYPE OF LIVING QUARTERS

HOUSING UNIT	OTHER UNIT	5A. LAND USAGE	6. PSU NO.	7. SEGMENT NO.	8. SERIAL NO.	9. HOUSEHOLD NO.
House, apartment, flat <input type="checkbox"/>	Quarters not in rooming or boarding house <input type="checkbox"/>	<i>(TRANSCRIBE from C.C. item 10 or 11)</i>				
HU in nontransient hotel, motel, etc. <input type="checkbox"/>	Unit not permanent in transient hotel, motel, etc. <input type="checkbox"/>	A <input type="checkbox"/>				
HU, permanent, in transient hotel, motel, etc. <input type="checkbox"/>	HU in rooming house <input type="checkbox"/>	B <input type="checkbox"/> <i>(Fill 1-5b)</i>				
HU in rooming house <input type="checkbox"/>	Mobile home or trailer <input type="checkbox"/>	C <input type="checkbox"/>				
Mobile home or trailer <input type="checkbox"/>	Tent site or trailer site <input type="checkbox"/>	D <input type="checkbox"/>				
HU not specified above <i>(Describe below)</i> <input type="checkbox"/>	Other not HU <i>(Describe below)</i> <input type="checkbox"/>	5b. FARM SALES				
		<i>(TRANSCRIBE from C.C. item 12)</i>				
		A <input type="checkbox"/>				
		B <input type="checkbox"/>				
		C <input type="checkbox"/>				
		D <input type="checkbox"/>				

10. INTERVIEWER CODE  
 A B C D E F G H J K L M

11. DATE COMPLETED

12. LINE NO. OF HHOLD RESP.

Non. n'hld. resp. *(Specify)*  *(Send Inter Comm)*

13. TYPE INTERVIEW

Noninterview

Personal

Tel. - regular

Tel. - callback

ICR filled

NONINTERVIEW

TYPE A	TYPE B	TYPE C <i>(Send Inter Comm)</i>	SEASONAL STATUS
14. <i>(Mark reason and race.)</i>	15.		16. This unit is intended for occupancy:
REASON RACE	Vacant - regular <input type="checkbox"/>	Demolished <input type="checkbox"/>	Year round <input type="checkbox"/> <i>(Fill HVS if HU in item 4)</i>
No one home <input type="checkbox"/>	Vacant - storage of n'hld furniture <input type="checkbox"/> <i>(Fill 16)</i>	House or trailer moved <input type="checkbox"/>	By migratory workers <input type="checkbox"/> <i>(Fill item 17 below if HU in item 4)</i>
Temporarily absent <input type="checkbox"/>	Temp. occ. by persons with GRE <input type="checkbox"/>	Outside segment <input type="checkbox"/>	Seasonally <input type="checkbox"/>
Refused <input type="checkbox"/>	Unfit or to be demolished <input type="checkbox"/>	Converted to permanent business or storage <input type="checkbox"/>	17. This unit is intended for occupancy:
Other - Occ. <i>(Describe below)</i> <input type="checkbox"/>	Under construction, not ready <input type="checkbox"/>	Merged <input type="checkbox"/> <i>(15-17)</i>	Summers only <input type="checkbox"/> <i>(Transcribe as instructed on back of Control Card)</i>
	Converted to temp. business or storage <input type="checkbox"/>	Condemned <input type="checkbox"/>	Winters only <input type="checkbox"/>
	Occ. by Armed Force members or persons under 14 <input type="checkbox"/> <i>(Omit 16-17)</i>	Built after April 1, 1970 <input type="checkbox"/>	Other <i>(Describe below)</i> <input type="checkbox"/>
	Unoccupied tent site or trailer site <input type="checkbox"/>	Unused line of listing sheet <input type="checkbox"/>	
	Permit granted, construction not started <input type="checkbox"/>	Other <i>(Describe below)</i> <input type="checkbox"/>	
	Other <i>(Specify below)</i> <input type="checkbox"/>		

TRANSCRIPTION ITEMS *Fill on FIRST CPS-1 of interviewed households*

26. Tenure *(Transcribe from Control Card item 9)*

Owned or being bought

Rented for cash

No cash rent

27. TOTAL FAMILY INCOME *(Transcribe from Control Card item 33)*

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

28. Total number of household members under 14 years of age.

BOYS

GIRLS

REMINDER

*Fill items 18A-18K on pages 2, 5, 7, 9, and 11.*

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  Keeping house  Going to school  or something else?

Working (Skip to 20A) ... WK   
 With a job but not at work ...   
 Looking for work ...   
 Keeping house ...   
 Going to school ...   
 Unable to work (Skip to 24) ...   
 Retired ...   
 Other (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?

1-34  (Go to 20C)  
 35-48  (Go to 20D)

20B. INTERVIEWER CHECK ITEM

49  (Skip to item 23)  
 50   
 51   
 52   
 53   
 54   
 55   
 56   
 57   
 58   
 59

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)

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

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

Yes  How many hours did ... take off?  
 No  (Skip to 23)

(Correct 20A if lost time not already deducted; if 20A reduced below 35, correct 20B and fill 20C; otherwise, skip to 23.)

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

Yes  How many extra hours did ... work?  
 No  (Skip to 23)

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

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

Yes  No  (Go to 22)

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

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

21B. Is ... getting wages or salary for any of the time off LAST WEEK?

Yes   
 No   
 Self-employed

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 last 4 weeks?

Yes  No  (Go to 24)

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

Checked with -  
 Pub. emp. agency   
 Pvt. emp. agency   
 Employer directly   
 Friends or relatives   
 Placed or answered ads   
 Nothing (Skip to 24)   
 Other (Specify in notes, e.g., CETA, union or prof. register, etc.)

22B. Why did ... start looking for work? Was it because ... lost or quit a job at that time (pause) or was there some other reason?

Lost job   
 Quit job   
 Left school   
 Wanted temporary work   
 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. Is there any reason why ... could not take a job LAST WEEK?

Yes  Already has a job   
 Temporary illness   
 Going to school   
 No  Other (Specify in notes)

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

One to five years ago   
 More than 5 years ago   
 Never worked   
 Full-time 2 wks. or more   
 Never worked at all   
 (SKIP to 23 if layoff entered in 21A, enter job, either full or part time, from which laid off. Else enter last full time job lasting 2 weeks or more, or "never worked.")

24. INTERVIEWER CHECK ITEM (Reason number)

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

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

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

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

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

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

Believes no work available in line of work or area   
 Couldn't find any work   
 Lacks needed 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, end questions.)

25. INTERVIEWER CHECK ITEM (Reason number)

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

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

1-34   
 35-48   
 49-64   
 65-80   
 81-96   
 97-112   
 113-128   
 129-144   
 145-160   
 161-176   
 177-192   
 193-208   
 209-224   
 225-240   
 241-256   
 257-272   
 273-288   
 289-304   
 305-320   
 321-336   
 337-352   
 353-368   
 369-384   
 385-400

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

Yes  (Go to 25C)  
 No  (Skip to 25D)

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

dollars	Cents
1	00
2	00
3	00
4	00
5	00
6	00
7	00
8	00
9	00
10	00
11	00
12	00
13	00
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91	00
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93	00
94	00
95	00
96	00
97	00
98	00
99	00
100	00

(Ask 25D)

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

\$

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

Yes  (End questions)  
 No  (Ask 25F)

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

Yes  (End questions)  
 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., farm.)

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, reads account books, files, sells cars, operates printing press, finishes concrete.)

23E. Was this person

An employee of PRIVATE Co, bus., or individual for wages, salary or comm.   
 A FEDERAL government employee  (Go to 23F)  
 A STATE government employee   
 A LOCAL government employee   
 Self-empl. in OWN bus., prof. practice, or farm   
 Is the business incorporated? Yes  No  SE   
 Working WITHOUT PAY in fam. bus. or farm  WP   
 NEVER WORKED  NEV  (End questions)

23F. INTERVIEWER CHECK ITEM

Entry for NA in item 20A  (Go to 25 at top of page)  
 Entry for NA in item 21B   
 All other cases  (End questions)

INDUSTRY

O	F	I	C	E	U	S	E	O	N	L	Y
0	1	2	3	4	5	6	7	8	9	A	B
C	D	E	F	G	H	I	J	K	L	M	N
O	P	Q	R	S	T	U	V	W	X	Y	Z

Ref. : M Ref. : Z

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G. SEX AND VETERAN STATUS	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
	Reference Person WITH other relatives in household			Married - civilian spouse present		Male (Also Mark Yes Status)	E H C	Yes	1. White	
	Reference Person with NO other relatives in household			Married - Armed Forces spouse present		Vietnam Era		No	2. Black	
	Husband			Married - spouse absent (Exclude separated)		Korean War			3. Amer. Indian Aleut. Eskimo	
	Wife			Widowed		World War II			4. Asian or Pacific Isl.	
	Own child			Divorced		World War I			5. Other	
	Parent			Separated		Other Service				
	Brother/Sister			Never married		Nonveteran				
	Other rel. of Ref. Person					Female	None			
	Non-rel. of Ref. Person WITH OWN relatives in household									
	Non-rel. of Ref. Person with NO OWN relatives in household	None			None					

**29. INTERVIEWER CHECK ITEM**  
 A. Entry for NAJ in 20A or 21B (Fill items 30-50)  
 B. Entry for NAJ in 22F and 22E is not "never" (Skip to 35)  
 C. All other (Go to next person)

**30. INTERVIEWER CHECK ITEM (Fill all that apply)**  
 Entry in 36A complete (Ask 41)  
 Entry in 36B complete (Ask 43)  
 Entry in 39A complete (Ask 47)  
 Entry in 39B complete (Ask 43)  
 None of the above (Fill 50)

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

**32. ASK ITEMS 35 through 49 OF SAMPLE PERSON. IF NOT PRESENT MAKE TELEPHONE CALLBACK(S)**

**33. Did you need specific skills or training to obtain your current (last) job?**  
 Yes (Ask 36) No (Skip to 37)

**34. Did you obtain those skills or training through one or more of the following? (Mark all that apply)**  
 A. A training program in a high school or a post-secondary school.  
 B. A formal company training program such as apprenticeship training or other type of training having an instructor and a planned program.  
 C. Informal on-the-job training or experience in previously held job or jobs.  
 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.

**35. 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) (Mark all that apply)**  
 A high school vocational program?  
 A private post-high school vocational school program?  
 A public post-high school vocational school program?  
 Junior or community college or Technical institute?  
 4 year or longer college program?

**36. Did your employer pay for the training?**  
 Yes  
 No

**37. For entries in 36B and 39B (Read parenthetical lead-in) (These questions refer to the formal training you took to (obtain) (improve) your job) Was the training sponsored by a government program such as CETA?**  
 Yes  
 No

**38. How long was the training program?**  
 Under 12 weeks  
 13-25 weeks  
 26-52 weeks  
 53+ weeks

**39. Did you complete the training?**  
 Yes  
 No

**40. How many courses were included in the program?**  
 One  
 2-4  
 5+

**41. Was the training given primarily**  
 Away from your job?  
 On the job?

**42. Was this an apprenticeship program leading to journeyman status?**  
 Yes  
 No

**43. Was this training provided by**  
 Your present employer?  
 or a former employer?

**44. Who responded to supplement items?**  
 Self  
 Other

**36. DESCRIPTION OF JOB OR BUSINESS:**  
 (A year ago, in January 1982)  
 A. A year ago, in January 1982 for whom was ... working?  
 B. In what kind of business or industry was ... employed?  
 C. What kind of work was ... doing?  
 D. What were ...'s most important activities or duties?  
 E. Was this person  
 An employee of PRIVATE Co., bus., or individual for wages, salary of 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 (Ask 33)  
 Is the business incorporated? Yes No SE  
 Working WITHOUT PAY in farm, bus. or farm WP

**37. "Altogether, how long has ... done the kind of work he/she is doing now?"**  
 (Years) 0 1 2 3 4 5 6 7 8 9  
 (Months, if less than one year) 0 1 2 3 4 5 6 7 8 9

**38. "How long has ... been working continuously for the present employer (or as self-employed)?"**  
 (Years) 0 1 2 3 4 5 6 7 8 9  
 (Months, if less than one year) 0 1 2 3 4 5 6 7 8 9

**OFFICE USE ONLY**

INDUSTRY	OCCUPATION
0 0 0 A 0 0 0 N 0	
1 1 1 B 0 0 0 P 0	
2 2 2 C 0 0 0 Q 0	
3 3 3 D 0 0 0 R 0	
4 4 4 E 0 0 0 S 0	
5 5 5 F 0 0 0 T 0	
6 6 6 G 0 0 0 U 0	
7 7 7 H 0 0 0 V 0	
8 8 8 J 0 0 0 W 0	
9 9 9 K 0 0 0 X 0	
Ref. 0 M 0 Ref. 0 Z 0	



ATTACHMENT 11

UNWEIGHTED AND WEIGHTED COUNTS

TOTAL INTERVIEWS	UNWEIGHTED	WEIGHTED (1000'S)
<b>WHITE</b>		
<b>MALE</b>		
<14	14256	19955
14+	50599	74633
<b>FEMALE</b>		
<14	13420	19003
14+	55312	81423
<b>BLACK</b>		
<b>MALE</b>		
<14	2265	3670
14+	4985	8896
<b>FEMALE</b>		
<14	2200	3611
14+	6588	10919
<b>OTHER</b>		
<b>MALE</b>		
<14	772	861
14+	1873	2236
<b>FEMALE</b>		
<14	710	785
14+	2049	2403
<b>TOTAL RECORDS</b>		
	<b>UNWEIGHTED</b>	<b>WEIGHTED (1000'S)</b>
TOT RECORDS	168124	228396
INTERVIEWS	155029	228396
<14	33623	47886
14+	121406	180510
TYPE A	2374	0
TYPE B/C	10721	0



UNITED STATES DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, D.C. 20233

Current Population Survey, January 1983

User Note No. 1

Subject: Revised pages for Current Population Survey, January 1983  
Technical Documentation \*

Please replace the attached revised pages with the corresponding pages in Attachment 5 (Adult Interview Record Layout) of the technical documentation. The following pages were revised: 33, 35, 36, 37, and 38.

\* These pages have been inserted in the documentation.



Current Population Survey, January 1983

User Note No. 2

The attachments listed below showing 1980 census industry and occupation codes are to be added to your copy of the documentation. These codes are contained in word 63, character 2 through word 64, character 1 on the adult record.

- |               |  |
|---------------|--|
| Attachment 12 | 1980 Census of Population Industry Classification System   |
| Attachment 13 | 1980 Census of Population Occupation Classification System |

1980 CENSUS OF POPULATION  
INDUSTRY CLASSIFICATION SYSTEM

(Numbers in parentheses are the 1972 SIC code equivalents 1/)

Census  
Code

AGRICULTURE, FORESTRY, AND FISHERIES

010 (A) Agricultural production, crops (01)  
011 Agricultural production, livestock (02)  
020 Agricultural services, except horticultural (07, except 078)  
021 Horticultural services (078)  
030 Forestry (08)  
031 Fishing, hunting, and trapping (09)

MINING

040 Metal mining (10)  
041 Coal mining (11, 12)  
042 Crude petroleum and natural gas extraction (13)  
050 Nonmetallic mining and quarrying, except fuel (14)  
060 (B) CONSTRUCTION (15, 16, 17)

MANUFACTURING

Nondurable Goods

Food and kindred products  
100 Meat products (201)  
101 Dairy products (202)  
102 Canned and preserved fruits and vegetables (203)  
110 Grain mill products (204)  
111 Bakery products (205)  
112 Sugar and confectionery products (206)  
120 Beverage industries (208)  
121 Miscellaneous food preparations and kindred products (207, 209)  
122 Not specified food industries  
130 Tobacco manufactures (21)  
Textile mill products  
132 Knitting mills (225)  
140 Dyeing and finishing textiles, except wool and knit goods (226)  
141 Floor coverings, except hard surface (227)  
142 Yarn, thread, and fabric mills (221-224, 228)  
150 Miscellaneous textile mill products (229)

1/ See Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement.

Sensus  
Code

MANUFACTURING-Continued

Nondurable goods-Continued

	Apparel and other finished textile products
151	-- Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
	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)
	Printing, publishing, and allied industries
171 (C)	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
190	Paints, varnishes, and related products (287)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
	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)
	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)

Durable Goods

	Lumber and wood products, except furniture
230	Logging (241)
231	Sawmills, planing mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
241	Miscellaneous wood products (244, 249)
242	Furniture and fixtures (25)
	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)
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329).
	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3361)

Census  
Code

MANUFACTURING-Continued

Durable goods-Continued

280	Other primary metal industries (3331-3333, 3339, part 334, 3356, 3357, 3362, 3369, 3370)
281	Cutlery, handtools, and other hardware (342)
282	Fabricated structural metal products (344)
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
300	Miscellaneous fabricated metal products (341, 343, 347, 348)
301	Not specified metal industries
310	Machinery, except electrical
311	Engines and turbines (351)
312	Farm machinery and equipment (352)
320	Construction and material handling machines (353)
321	Metalworking machinery (354)
322	Office and accounting machines (357, except 3573)
323	Electronic computing equipment (3573)
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
340	Electrical machinery, equipment, and supplies
341	Household appliances (363)
342	Radio, T.V., and communication equipment (365, 366)
350	Electrical machinery, equipment, and supplies, n.e.c. (363, 364, 367, 369)
351	Not specified electrical machinery, equipment, and supplies
352	Transportation equipment
353	Motor vehicles and motor vehicle equipment (371)
354	Aircraft and parts (372)
355	Ship and boat building and repairing (373)
356	Railroad locomotives and equipment (374)
357	Guided missiles, space vehicles, and parts (376)
358	Cycles and miscellaneous transportation equipment (375, 376)
359	Professional and photographic equipment, and watches
360	Scientific and controlling instruments (381, 382)
361	Optical and health services supplies (383, 384, 385)
362	Photographic equipment and supplies (386)
363	Watches, clocks, and clockwork operated devices (387)
364	Not specified professional equipment
365	Toys, amusement, and sporting goods (394)
366	Miscellaneous manufacturing industries (39 exc. 394)
367	Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER  
PUBLIC UTILITIES

400	Transportation
401	Railroads (40)
402	Bus service and urban transit (41, except 412)
410	Taxicab service (412)
	Trucking service (421, 423)

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Code

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC  
UTILITIES-Continued

	Transportation (continued)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
432	Services incidental to transportation (47)
	Communications
440	Radio and television broadcasting (483)
441	Telephone (wire and radio) (481)
442	Telegraph and miscellaneous communication services (482, 489)
	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)
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities

WHOLESALE TRADE

Durable Goods

500	Motor vehicles and equipment (501)
501	Furniture and home furnishings (502)
502	Lumber and construction materials (503)
510	Sporting goods, toys, and hobby goods (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
521	Hardware, plumbing and heating supplies (507)
522	Not specified electrical and hardware products
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (5094, 5099)

Nondurable Goods

540	Paper and paper products (511)
541	Drugs, chemicals and allied products (512, 516)
542	Apparel, fabrics, and notions (513)
550	Groceries and related products (514)
551	Farm products - raw materials (515)
552	Petroleum products (517)
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
571	Not specified wholesale trade

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RETAIL TRADE

580	Lumber and building material retailing (521, 523)
581	Hardware stores (525)
582	Retail nurseries and garden stores (526)
590	Mobile home dealers (527)
591 (D)	Department stores (531)
592	Variety stores (533)
600	Miscellaneous general merchandise stores (539)
601 (E)	Grocery stores (541)
602	Dairy products stores (545)
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
630	Apparel and accessory stores, except shoe (56, except 566)
631	Shoe stores (566)
632	Furniture and home furnishings stores (571)
640	Household appliances, TV, and radio stores (572, 573)
641 (F)	Eating and drinking places (58)
642	Drug stores (591)
650	Liquor stores (592)
651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	Book and stationery stores (5942, 5943)
660	Jewelry stores (5944)
661	Sewing, needlework and piece goods stores (5949)
662	Mail order houses (5961)
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel and ice dealers (598)
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
691	Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

700 (G)	Banking (60)
701	Savings and loan associations (612)
702	Credit agencies, n.e.c. (61, except 612)
710	Security, commodity brokerage, and investment companies (62, 67)
711 (H)	Insurance (63, 64)
712	Real estate, including real estate-insurance-law offices (65, 66)

BUSINESS AND REPAIR SERVICES

721	Advertising (731)
722	Services to dwellings and other buildings (734)
730	Commercial research, development, and testing labs (7391, 7397)
731	Personnel supply services (736)
732	Business management and consulting services (7392)



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BUSINESS AND REPAIR SERVICES (continued)

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)  
750 Automotive services, except repair (751, 752, 754)  
751 Automotive repair shops (753)  
752 Electrical repair shops (762, 7694)  
760 Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

761 (J) Private households (88)  
762 Hotels and motels (701)  
770 Lodging places, except hotels and motels (702, 703, 704)  
771 Laundry, cleaning, and garment services (721)  
772 Beauty shops (723)  
780 Barber shops (724)  
781 Funeral service and crematories (726)  
782 Shoe repair shops (725)  
790 Dressmaking shops (part 729)  
791 Miscellaneous personal services (722, part 729)

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)

PROFESSIONAL AND RELATED SERVICES

812 Offices of physicians (801, 803)  
820 Offices of dentists (802)  
821 Offices of chiropractors (8041)  
822 Offices of optometrists (8042)  
830 Offices of health practitioners, n.e.c. (8049)  
831 (K) Hospitals (806)  
832 Nursing and personal care facilities (805)  
840 Health services, n.e.c. (807, 808, 809)  
841 Legal services (81)  
842 (L) Elementary and secondary schools (821)  
850 (M) Colleges and universities (822)  
851 Business, trade, and vocational schools (824)  
852 Libraries (823)  
860 Educational services, n.e.c. (829)  
861 Job training and vocational rehabilitation services (833)  
862 Child day care services (835)  
870 Residential care facilities, without nursing (836)  
871 Social services, n.e.c. (832, 839)  
872 Museums, art galleries, and zoos (84)

Census  
Code

PROFESSIONAL AND RELATED SERVICES (continued)

880 Religious organizations (866)  
881 Membership organizations (861-865, 869)  
882 Engineering, architectural, and surveying services (891)  
890 Accounting, auditing, and bookkeeping services (893)  
891 Noncommercial educational and scientific research (892)  
892 Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

900 Executive and legislative offices (911-913)  
901 General government, n.e.c. (919)  
910 Justice, public order, and safety (92)  
921 Public finance, taxation, and monetary policy (93)  
922 Administration of human resources programs (94)  
930 Administration of environmental quality and housing programs (95)  
931 Administration of economic programs (96)  
932 National security and international affairs (97)  
  
991 Member of the Armed Forces

Attachment 13

1980 CENSUS OF POPULATION  
OCCUPATION CLASSIFICATION SYSTEM

(The numbers in parentheses refer to the 1980 Standard Occupational Classification code equivalents. Pt means part. N.e.c. means not elsewhere classified.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

1980  
CODE

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)  
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)

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)  
033 Purchasing agents and buyers, n.e.c. (1449)  
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)

Professional Specialty Occupations

Engineers, Architects, and Surveyors

043 Architects (161)  
044 Engineers  
Aerospace (1622)

Engineers, Architects, and Surveyors (continued)

- 045 Engineers (continued)
- 045 Metallurgical and materials (1623)
- 046 Mining (1624)
- 047 Petroleum (1625)
- 048 -Chemical (1626)
- 049 Nuclear (1627)
- 053 Civil (1628)
- 054 Agricultural (1632)
- 055 Electrical and electronic (1633, 1636)
- 056 Industrial (1634)
- 057 Mechanical (1635)
- 058 Marine and naval architects (1637)
- 059 Engineers, n.e.c. (1639)
- 063 Surveyors and mapping scientists (164)
- 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)
- Natural Scientists
- 069 Physicists and astronomers (1842, 1843)
- 073 Chemists, except biochemists (1845)
- 074 Atmospheric and space scientists (1846)
- 075 Geologists and geodesists (1847)
- 076 Physical scientists, n.e.c. (1849)
- 077 Agricultural and food scientists (1853)
- 078 Biological and life scientists (1854)
- 079 Forestry and conservation scientists (1852)
- 083 Medical scientists (1855)
- 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)
- Health Assessment and Treating Occupations
- 095 Registered nurses (29)
- 096 Pharmacists (301)
- 097 Dietitians (302)
- Therapists
- 098 Inhalation therapists (3031)
- 099 Occupational therapists (3032)
- 103 Physical therapists (3033)
- 104 Speech therapists (3034)
- 105 Therapists, n.e.c. (3039)
- 106 Physicians' assistants (304)

- 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)
  - 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)
  - 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)
  - 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)
  - 153 Teachers, postsecondary, n.e.c. (2249)
  - 154 Postsecondary teachers, subject not specified
- Teachers, Except Postsecondary
- 155 Teachers, prekindergarten and kindergarten (231)
  - N(156) Teachers, elementary school (232)
  - P(157) Teachers, secondary school (233)
  - 158 Teachers, special education (235)
  - 159 Teachers, n.e.c. (236, 239)
- 163 Counselors, educational and vocational (24)
- Librarians, Archivists, and Curators
- 164 Librarians (251)
  - 165 Archivists and curators (252)
- Social Scientists and Urban Planners
- 166 Economists (1912)
  - 167 Psychologists (1915)
  - 168 Sociologists (1916)
  - 169 Social scientists, n.e.c. (1913, 1914, 1919)
  - 173 Urban planners (192)
- Social, Recreation, and Religious Workers
- 174 Social workers (2032)
  - 175 Recreation workers (2033)
  - 176 Clergy (2042)
  - 177 Religious workers, n.e.c. (2049)

- 178 Lawyers and Judges
- 179 Lawyers (211)
- 179 Judges (212)

- 183 Writers, Artists, Entertainers, and Athletes
- 184 Authors (321)
- 184 Technical writers (398)
- 185 --Designers (322)
- 186 Musicians and composers (323)
- 187 Actors and directors (324)
- 188 Painters, sculptors, craft-artists, and artist printmakers (325)
- 189 Photographers (326)
- 193 Dancers (327)
- 194 Artists, performers, and related workers, n.e.c. (328, 329)
- 195 Editors and reporters (331)
- 197 Public relations specialists (332)
- 198 Announcers (333)
- 199 Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations  
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)

Technologists and Technicians, Except Health

- 213 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)

- 223 Science Technicians
- 223 Biological technicians (382)
- 224 Chemical technicians (3831)
- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)

- 226 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)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)

Sales Occupations	
243	Supervisors and proprietors, sales occupations (40)
Sales Representatives, Finance and Business Services	
253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)
Sales Representatives, Commodities Except Retail	
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
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)
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275	Sales counter clerks (4363)
Q(276)	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
Sales Related Occupations	
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
Administrative Support Occupations, Including Clerical	
Supervisors, Administrative Support Occupations	
303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
Computer Equipment Operators	
308	Computer operators (4612)
309	Peripheral equipment operators (4613)
Secretaries, Stenographers, and Typists	
R(313)	Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
Information Clerks	
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
323	Information clerks, n.e.c. (4649)

- Records Processing Occupations, Except Financial
  - 325 Classified-ad clerks (4662)
  - 326 Correspondence clerks (4663)
  - 327 Order clerks (4664)
  - 328 Personnel clerks, except payroll and timekeeping (4692)
  - 329 Library clerks (4694)
  - 335 File clerks (4696)
  - 336 Records clerks (4699)
- Financial Records Processing Occupations
  - S(337) Bookkeepers, accounting, and auditing clerks (4712)
  - 338 Payroll and timekeeping clerks (4713)
  - 339 Billing clerks (4715)
  - 343 Cost and rate clerks (4716)
  - 344 Billing, posting, and calculating machine operators (4718)
- Duplicating, Mail and Other Office Machine Operators
  - 345 Duplicating machine operators (4722)
  - 346 Mail preparing and paper handling machine operators (4723)
  - 347 Office machine operators, n.e.c. (4729)
- Communications Equipment Operators
  - 348 Telephone operators (4732)
  - 349 Telegraphers (4733)
  - 353 Communications equipment operators, n.e.c. (4739)
- 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)
- Material Recording, Scheduling, and Distributing Clerks
  - 359 Dispatchers (4751)
  - 363 Production coordinators (4752)
  - 364 Traffic, shipping, and receiving clerks (4753)
  - 365 Stock and inventory clerks (4754)
  - 366 Meter readers (4755)
  - 368 Weighers, measurers, and checkers (4756)
  - 369 Samplers (4757)
  - 373 Expeditors (4758)
  - 374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)
- 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)
- Miscellaneous Administrative Support Occupations
  - 379 General office clerks (463)
  - 383 Bank tellers (4791)
  - 384 Proofreaders (4792)
  - 385 Data-entry keyers (4793)
  - 386 Statistical clerks (4794)
  - 387 Teachers' aides (4795)
  - 389 Administrative support occupations, n.e.c. (4787, 4799)



SERVICE OCCUPATIONS

Private Household Occupations

- 403 Launderers and ironers (503)
- 404 Cooks, private household (504)
- 405 Housekeepers and butlers (505)
- 406 Child care workers, private household (506)
- T(407) Private household cleaners and servants (502, 507, 509)

Protective Service Occupations

- Supervisors, Protective Service Occupations
- 413 Supervisors, firefighting and fire prevention occupations (5111)
- 414 Supervisors, police and detectives (5112)
- 415 Supervisors, guards (5113)
- Firefighting and Fire Prevention Occupations
- 416 Fire inspection and fire prevention occupations (5122)
- 417 Firefighting occupations (5123)
- Police and Detectives
- 418 Police and detectives, public service (5132)
- 423 Sheriffs bailiffs, and other law enforcement officers (5134)
- 424 Correctional institution officers (5133)
- Guards
- 425 Crossing guards (5142)
- 426 Guards and police, exc. public service (5144)
- 427 Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

- Food Preparation and Service Occupations
- 433 Supervisors, food preparation and service occupations (5211)
- 434 Bartenders (5212)
- U(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)
- 443 Waiters'/waitresses' assistants (5218)
- 444 Miscellaneous food preparation occupations (5219)

Health Service Occupations

- 445 Dental assistants (5232)
- 446 Health aides, except nursing (5233)
- 447 Nursing aides, orderlies, and attendants (5236)

Cleaning and Building Service Occupations, except Household

- 448 Supervisors, cleaning and building service workers (5241)
- 449 Maids and housemen (5242, 5249)
- V(453) Janitors and cleaners (5244)
- 454 Elevator operators (5245)
- 455 Pest control occupations (5246)

Personal Service Occupations

- 456 Supervisors, personal service occupations (5251)
- 457 Barbers (5252)
- 458 Hairdressers and cosmetologists (5253)

Personal Service Occupations (continued)

- 459 Attendants, amusement and recreation facilities (5254)
- 463 Guides (5255)
- 464 Ushers (5256)
- 465 Public transportation attendants (5257)
- 466 Baggage porters and bellhops (5262)
- 467 Welfare service aides (5263)
- 468 - Child care workers, except private household (5264)
- 469 Personal service occupations, n.e.c. (5258, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers

- W(473) Farmers, except horticultural (5512-5514)
- 474 Horticultural specialty farmers (5515)
- 475 Managers, farms, except horticultural (5522-5524)
- 476 Managers, horticultural specialty farms (5525)

Other Agricultural and Related Occupations

Farm Occupations, Except Managerial

- 477 Supervisors, farm workers (5611)
- 479 Farm workers (5612-5617)
- 483 Marine life cultivation workers (5618)
- 484 Nursery workers (5619)

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)

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)

Fishers, Hunters, and Trappers

- 497 Captains and other officers, fishing vessels (pt 8241)
- 498 Fishers (583)
- 499 Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers

- 503 Supervisors, mechanics and repairers (60)
- Mechanics and Repairers, Except Supervisors
- X(505) Vehicle and Mobile Equipment Mechanics and Repairers
- 506 Automobile mechanics (pt 6111)
- 507 Automobile mechanic apprentices (pt 6111)
- 507 Bus, truck, and stationary engine mechanics (6112)
- 508 Aircraft engine mechanics (6113)
- 509 Small engine repairers (6114)
- 514 Automobile body and related repairers (6115)
- 515 Aircraft mechanics, exc. engine (6116)
- 516 Heavy equipment mechanics (6117)
- 517 Farm equipment mechanics (6118)

Mechanics and Repairers Except Supervisors (continued)

- 518 Industrial machinery repairers (613)
- 519 Machinery maintenance occupations (614)
  
- Electrical and Electronic Equipment Repairers
- 523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
- 525 -Data processing equipment repairers (6154)
- 526 Household appliance and power tool repairers (6156)
- 527 Telephone line installers and repairers (6157)
- 529 Telephone installers and repairers (6158)
- 533 Miscellaneous electrical and electronic equipment repairers (6152, 6159)
- 534 Heating, air conditioning, and refrigeration mechanics (6161)
- Miscellaneous Mechanics and Repairers
- 535 Camera, watch, and musical instrument repairers (6171, 6172)
- 536 Locksmiths and safe repairers (6173)
- 538 Office machine repairers (6174)
- 539 Mechanical controls and valve repairers (6175)
- 543 Elevator installers and repairers (6176)
- 544 Millwrights (6178)
- 547 Specified mechanics and repairers, n.e.c. (6177, 6179)
- 549 Not specified mechanics and repairers

Construction Trades

- Supervisors, construction occupations
- 553 Supervisors; brickmasons, stonemasons, and tile setters (6312)
- 554 Supervisors, carpenters and related workers (6313)
- 555 Supervisors, electricians and power transmission installers (6314)
- 556 Supervisors; painters, paperhangers, and plasterers (6315)
- 557 Supervisors; plumbers, pipefitters, and steamfitters (6316)
- 558 Supervisors, n.e.c. (6311, 6318)
- 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)
- Y(567) Carpenters (pt 6422)
- 569 Carpenter apprentices (pt 6422)
- 573 Drywall installers (6424)
- 575 Electricians (pt 6432)
- 576 11 Electrician apprentices (pt 6432)
- 577 Electrical power installers and repairers (6433)
- 579 Painters, construction and maintenance (6442)
- 583 Paperhangers (6443)
- 584 Plasterers (6444)
- 585 Plumbers, pipefitters, and steamfitters (pt 645)
- 587 Plumber, pipefitter, and steamfitter apprentices (pt 645)
- 588 Concrete and terrazzo finishers (6463)
- 589 Glaziers (6464)
- 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)

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)

Precision Production Occupations

- 633 Supervisors, production occupations (67, 71)
- 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)
  - 639 Machinist apprentices (pt 6813)
  - 643 Boilermakers (6814)
  - 644 Precision grinders, filers, and tool sharpeners (6816)
  - 645 Patternmakers and model makers, metal (6817)
  - 646 Lay-out workers (6821)
  - 647 Precious stones and metals workers (Jewelers) (6822, 6866)
  - 649 Engravers, metal (6823)
  - 653 Sheet metal workers (pt 6824)
  - 654 Sheet metal worker apprentices (pt 6824)
  - 655 Miscellaneous precision metal workers (6829)
- Precision Woodworking Occupations
  - 656 Patternmakers and model makers, wood (6831)
  - 657 Cabinet makers and bench carpenters (6832)
  - 658 Furniture and wood finishers (6835)
  - 659 Miscellaneous precision woodworkers (6839)
- Precision Textile, Apparel, and Furnishings Machine Workers
  - 666 Dressmakers (pt 6852, pt 7752)
  - 667 Tailors (pt 6852)
  - 668 Upholsterers (6853)
  - 669 Shoe repairers (6854)
  - 673 Apparel and fabric patternmakers (6856)
  - 674 Miscellaneous precision apparel and fabric workers (6859, pt 7752)
- Precision Workers, Assorted Materials
  - 675 Hand molders and shapers, except jewelers (6861)
  - 676 Patternmakers, lay-out workers, and cutters (6862)
  - 677 Optical goods workers (6864, pt 7477, pt 7677)
  - 678 Dental laboratory and medical appliance technicians (6865)
  - 679 Bookbinders (6844)
  - 683 Electrical and electronic equipment assemblers (6867)
  - 684 Miscellaneous precision workers, n.e.c. (6869)
- Precision Food Production Occupations
  - 686 Butchers and meat cutters (6871)
  - 687 Bakers (6872)
  - 688 Food batchmakers (6873, 6879)
- Precision Inspectors, Testers, and Related Workers
  - 689 Inspectors, testers, and graders (6881, 828)
  - 693 Adjusters and calibrators (6882)
- Plant and System Operators

694	Water and sewage treatment plant operators (691)
695	Power plant operators (pt 693)
696	Stationary engineers (pt 693, 7668)
699	Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, except Precision

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)
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
717	Fabricating machine operators, n.e.c. (7339, 7539)
	Metal and Plastic Processing Machine Operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)
	Woodworking Machine Operators
726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nailing and tacking machine operators (7636)
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
	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)

Textile, Apparel, and Furnishings Machine Operators

738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
747	Pressing machine operators (7657)
748	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)

Machine Operators, Assorted Materials

753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7462, 7662)

- 755 Extruding and forming machine operators (7463, 7663)
- 756 Mixing and blending machine operators (7664)
- 757 Separating, filtering, and clarifying machine operators  
(7476, 7666, 7676)
- 758 Compressing and compacting machine operators (7467, 7667)
- 759 Painting and paint spraying machine operators (7669)

Machine Operators, Assorted Materials (continued)

- 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)
- 768 Crushing and grinding machine operators (pt 7477, pt 7677)
- 769 Slicing and cutting machine operators (7478, 7678)
- 773 Motion picture projectionists (pt 7479)
- 774 Photographic process machine operators (6863, 6868, 7671)
- 777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
- 779 Machine operators, not specified

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)
  - 789 Hand painting, coating, and decorating occupations (7756)
  - 793 Hand engraving and printing occupations (7757)
  - 794 Hand grinding and polishing occupations (7758)
  - 795 Miscellaneous hand working occupations (7759)
- 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)

Transportation and Material Moving Occupations

Motor Vehicle Operators

- 803 Supervisors, motor vehicle operators (8111)
- Z(804) Truck drivers, heavy (8212, 8213)
- 805 Truck drivers, light (8214)
- 806 Driver-sales workers (8218)
- 808 Bus drivers (8215)
- 809 Taxicab drivers and chauffeurs (8216)
- 813 Parking lot attendants (874)
- 814 Motor transportation occupations, n.e.c. (8219)

Transportation Occupations, Except Motor Vehicles

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)

Water Transportation Occupations

- 828 Ship captains and mates, except fishing boats (pt 8241, 8242)

829 Sailors and deckhands (8243)  
833 Marine engineers (8244)  
834 Bridge, lock, and lighthouse tenders (8245)

Material Moving Equipment Operators

843 Supervisors, material moving equipment operators (812)  
844 - Operating engineers (8312)  
845 Longshore equipment operators (8313)

Material Moving Equipment Operators (continued)

848 Hoist and winch operators (8314)  
849 Crane and tower operators (8315)  
853 Excavating and loading machine operators (8316)  
855 Grader, dozer, and scraper operators (8317)  
856 Industrial truck and tractor equipment operators (8318)  
859 Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers

863 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)  
864 Helpers, mechanics and repairers (863)  
Helpers, Construction and Extractive Occupations  
865 Helpers, construction trades (8641-8645, 8648)  
866 Helpers, surveyor (8646)  
867 Helpers, extractive occupations (865)  
869 Construction laborers (871)  
873 Production helpers (861, 862)  
Freight, Stock, and Material Handlers  
875 Garbage collectors (8722)  
876 Stevedores (8723)  
877 Stock handlers and baggers (8724)  
878 Machine feeders and offbearers (8725)  
883 Freight, stock, and material handlers, n.e.c. (8726)  
885 Garage and service station related occupations (873)  
887 Vehicle washers and equipment cleaners (875)  
888 Hand packers and packagers (8761)  
889 Laborers, except construction (8769)

905 Member of the Armed Forces

