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Current Population Survey, December 1987: Agricultural Work Force

Record Group 29 Records of the Bureau of the Census

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October 31, 1990
N. McGovern
3-029-91-001

VALIDATION STATEMENT

Current Population Survey (CPS), December 1987

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

number of datasets: 1
logical record length: 756

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

NOTE: If the records do not contain information about agricultural workers, characters 481 on are blank. The documentation does not really make that clear.

**CURRENT POPULATION SURVEY
DECEMBER 1987:
AGRICULTURAL WORK FORCE**

TECHNICAL DOCUMENTATION

CURRENT POPULATION SURVEY, DECEMBER 1987:
AGRICULTURAL WORK FORCE

Technical Documentation

This file documentation consists of the following materials:

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Attachment 3	Overview--Current Population Survey
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Attachment 5	Note to Users
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Attachment 7	Current Population Survey Children's Interview Record Layout
Attachment 8	Current Population Survey Noninterview Type A Record Layout
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Attachment 12	Industry Classification Codes
Attachment 13	Occupational Classification Codes for Detailed Occupational Categories
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Attachment 15	Unweighted and Weighted Counts

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Attachment 20	Appendix 2--Topcoding of Usual Hourly Earnings

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, December 1987:
Agricultural Work Force [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], 1988.

Type of File:

Microdata; unit of observation is individuals within housing units.

Universe Description:

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

Subject-Matter Description:

Data are provided on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 14 years old and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Spanish origin.

The file also provides current data on the agricultural work force. Questions were asked of children 8-13 years old and persons 14 years old or older who did some kind of farm work in 1987. Data are provided on the number of days persons were employed as hired farm workers, farm operators, unpaid farm workers, and nonfarm workers; earnings from farm and nonfarm employment and the value of cash sales from farms; overnight migration to different states or counties to do paid farm work; and the principal crop or livestock the person worked with the most during the year.

Geographic Coverage:

State of residence is uniquely identified as well as census geographic division and region. The 113 largest metropolitan statistical areas (CMSA's or MSA's), 89 selected MSA's, 66 selected PMSA's, and 30 central cities in multi-central city MSA's or PMSA's also are uniquely identified.¹

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

Within confidentiality restrictions, indicators are provided for MSA-PMSA/non-MSA-PMSA, central city/noncentral city, farm/nonfarm, and MSA/CMSA size.

Technical Description:

File Structure: Rectangular.

File Size: 163,325 logical records; 756 character logical record length

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

Reference Materials:

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

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

File Availability:

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

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

Attachment 2

OVERVIEW--DECEMBER 1987 AGRICULTURAL WORK FORCE

I. General

The December 1987 Agricultural Work Force Survey was conducted as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey conducted in approximately 57,000 interviewed households across the nation. Attachment 18 is a copy of the supplement document containing the Agricultural Work Force questions. See "Overview--Current Population Survey" (Attachment 3) for a description of the CPS; the following describes the Agricultural Work Force Supplement.

II. Data Collection

The Agricultural Work Force questions were asked of children 8-13 years old and persons 14 years or older who did some kind of farmwork during 1987, paid or unpaid, as indicated by screening item 30 on the supplement document for adults 14+ and screening item 50B for children 8-13 on CPS-1 page 3. Persons 14+ who did farmwork for cash wages or salary during 1987 were identified in item 31 with a "Yes" response. Monthly days and earnings information was collected for all hired farmworkers in items 32B and 32C; and, item 34 was a screening item which identified whether or not the hired farmworker left home and stayed away overnight to do farmwork for cash wages in another locality. If "Yes" was given in item 34, the migration items (items 35A-C) showed where these persons did their farmwork (this county? different county, same state? or different state altogether?). Item 36 was asked of all hired farmworkers who worked with some type of crop or livestock the most during 1987.

The remaining questions in the supplement dealt with those 14+ persons who operated a farm in 1987, did unpaid farmwork during 1987 and items 45-49 were asked of farmworkers who said they also did some type of nonfarm related work during the year. Industry and occupation information was collected for nonfarm jobs which differed from the industry and occupation information collected for the basic CPS labor force survey in items 23A through 23E.

III. Data Processing

The data processing involved a consistency edit of all items and allocation for any missing data which should have been filled by the CPS enumerator. A selection program was written to select farmworkers from the basic CPS master file for December and carried over all farmworkers to a separate supplement file for further edit and allocation. Any children

8-13 in the household who did any farmwork during 1987 (150B = Yes) are contained on each 14+ supplement interview record with 130 = Yes. The values and universes for each supplement variable are defined in the supplemental record layout contained in Attachment 11.

IV. December 1987 Agricultural Work Force Supplemental Computer File

The December 1987 Agricultural Work Force file consists of two parts: the CPS labor force data in words 1 through 80 and the agricultural work force data in words 81 through 126. The December 1987 file contains 163,325 total CPS records.

A. CPS Labor Force Data

As described above, the basic CPS labor force data are contained in word 1-80. Descriptions of the basic CPS labor force records follow:

1) Interviewed 14+ Persons' Records

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

2) Children's Records

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

3) Type A Noninterview Records

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

4) Type B/C Noninterview Records ③

Attachment 9 shows the locations and definitions for variables available for type B/C noninterview records. Type B/C noninterview records represent sample addresses which were determined to be ineligible for

nonresidential, etc. Type B/C noninterview records will have a code 3 record type in word 1, character 1.

5) Armed Forces Records

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

B. December 1987 Agricultural Work Force Supplement Data

The December 1987 supplement data are contained in word 81, character 1 through word 126, character 6. Attachment 11 describes the locations and definitions of supplemental variables in that portion of the basic CPS record.

VI. Records from the December 1987 CPS/Agricultural Work Force Supplement File

A. Tallying CPS Labor Force Estimates

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

- | | |
|---------------------------------|-------------------------|
| 1) <u>Interviewed Adults</u> | WORD 1, CHARACTER 1 = 1 |
| 2) <u>Type A Noninterview</u> | WORD 1, CHARACTER 1 = 2 |
| 3) <u>Type B/C Noninterview</u> | WORD 1, CHARACTER 1 = 3 |
| 4) <u>Armed Forces Records</u> | WORD 1, CHARACTER 1 = 4 |
| 5) <u>Children Records</u> | WORD 1, CHARACTER 1 = 5 |

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

B. Tallying Supplemental Estimates

Use the same basic CPS final weight as described above for weighting all supplemental estimates.

C. Attachment 15 is a copy of the unweighted counts from the December 1987 Agricultural Work Force items. Use this attachment when verifying the supplement counts from the December 1987 Agricultural Work Force file.

Attachment 3

OVERVIEW—CURRENT POPULATION SURVEY

Introduction

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

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

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

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

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

CPS Sample

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

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

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

Relationship of Current Population Survey Files to Publications

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

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

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

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

Geographic Limitations

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

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

Weights

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

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

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

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

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

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

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

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

Comparability of CPS From Microdata Files With Published Sources.

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

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

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

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

Attachment 4

GLOSSARY

Subject Concepts

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

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

Civilian Labor Force. (See Labor Force.)

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

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

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

Education. (See Years of School Completed.)

Employed. (See Labor Force.)

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

Final Weight. Used in tabulating monthly labor force items.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IF: Not job loser or leaver and WD 12:5=1 or 2, then Reentrant

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unemployed. (See Labor Force.)

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

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

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

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

Workers. (See Labor Force--Employed.)

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

GLOSSARY

Geographic Concepts

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

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

NORTHEAST REGION

New England Division

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

Middle Atlantic Division

New Jersey
New York
Pennsylvania

MIDWEST REGION

East North Central Division

Illinois
Indiana
Michigan
Ohio
Wisconsin

West North Central Division

Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

WEST REGION

Mountain Division

Arizona
Colorado
Idaho
Montana
Nevada
Utah
Wyoming

Pacific Division

Alaska
California
Hawaii
Oregon
Washington

^{1/} The Midwest Region was designated as the North Central Region until June 1984.

SOUTH REGION

East South Central Division

**Alabama
Kentucky
Mississippi
Tennessee**

West South Central Division

**Arkansas
Louisiana
Oklahoma
Texas**

South Atlantic Division

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

Attachment 5

NOTE TO USERS

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

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

Calculating Location of Data Within a Word. In the record layout, location of data is indicated by character position within a word. Each 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 6, page 12) corresponds to word 9, character 1. Multiplying the number of previous words by the number of character positions per word equals 48 positions allocated for data. Thus, the first character of word 9 is located in position 49.

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

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

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

Attachment A

Page 1

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

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

Attachment A

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
5-6		State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u> 11 Maine 12 New Hampshire 13 Vermont 14 Massachusetts 15 Rhode Island 16 Connecticut <u>Middle Atlantic Division</u> 21 New York 22 New Jersey 23 Pennsylvania

-more-

Word	Char.	Characterizable	Universe	Description
J	5-6	State (1st digit of State Code in Division Code) (From H.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

-WFO-

Attachment A

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

-more-

Word	Char.	Characterizable	Universe	Description	1980 Ranking
4	1-2	State Rankings (From H.S.T.)	All	California (CA)	01
				New York (NY)	02
				Texas (TX)	03
				Pennsylvania (PA)	04
				Illinois (IL)	05
				Ohio (OH)	06
				Florida (FL)	07
				Michigan (MI)	08
				New Jersey (NJ)	09
				North Carolina (NC)	10
				Massachusetts (MA)	11
				Indiana (IN)	12
				Georgia (GA)	13
				Virginia (VA)	14
				Missouri (MO)	15
				Wisconsin (WI)	16
				Tennessee (TN)	17
				Maryland (MD)	18
				Louisiana (LA)	19
				Washington (WA)	20
				Minnesota (MN)	21
				Alabama (AL)	22
				Kentucky (KY)	23
				South Carolina (SC)	24
				Connecticut (CT)	25
				Oklahoma (OK)	26
				Iowa (IA)	27
				Colorado (CO)	28
				Arizona (AZ)	29
				Oregon (OR)	30

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

The next page is Page 8

There is no page 7

Page 8

Attachment A

Word	Char.	Characteristic	Uniforso	Description
4	3-4	PADDING		
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
6		Blank		

--more--

Attachment A

Word	Chr.	Characteristic	Universe	Description
5	1-3	Blank		
4-6		<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit -NA, or App-179 (Excluding 1--)
6	1	<u>Item 12</u> - LINE NO. WOULD RESP.	All	Blank or Impossible 1-6 7
2		<u>Item 13</u> - TYPE INTERVIEW	All	Blank or Impossible Non W'ld Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled 1 2 3 4 5
3-4		<u>Item 11</u> - DATE COMPLETED	All	Day of Month -- or 14-29
5		Item 26A1--Is . . . attending or enrolled in a high school, college or university?	Item 26=1	Yes No 1 2
6		Item 26A2--Verification of Item 26A1	Item 26A1=1	High School College or Univ. 1 2

Attachment A

Word	Char.	Characteristic	Universe	Description	
7	1	Item 20 - Did...do any work at all LAST WEEK?	All	Blank or Impossible Yes No	- 1 2
	2	Item 20B - INTERVIEWER CHECK	All	Blank or Impossible 19+ hours 1-3 1/2 hours 35-48 hours	- 1 2 3
	3	Item 21 - Did...have a job or business from which he was temporarily absent or on layoff LAST WEEK?	All	Blank or Impossible Yes No	- 1 2
	4	Item 22 - Has...been looking for work during the past 4 weeks?	All	Blank or Impossible Yes No	- 1 2
	5	Item 24 - INTERVIEWER CHECK ITEM	All	Blank or Impossible Unit in in continuing rotation Unit in in departing rotation	- 1 2
	6	Blank			

Attachment A

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

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description	Code
0	5	Blank			
6		Item 9 - HOUSEHOLD NUMBER	All		1-0
9	1	Item 19 (Recode) - What was...doing most of LAST WEEK (Major Activity)?	All	Working With a Job Looking Home School Unemployed Other (Incl. Retired)	1 2 3 4 5 6 7
2-3		Item 20A - How many hours did...work LAST WEEK at all jobs?	FSR 1	Number of Hours	01-99
4		Item 20C - Does...USUALLY work 35 hours or more a week at this job?	FSR 1 & Item 20A less than 35 hours	Yes No	1 2
5-6		Item 20C - Reason less than 35 hours a week (Recorded)	FSR 1 & Item 20A less than 35 hours	Blank 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 On illness On vacation Too busy with home, school, etc. Did not want full-time work Full-time work week under 35 hours Other reason	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

-more-

Attachment A

Word	Chr.	Characteristic	Universe	Description	
10	1	Item 21A - Why was...absent from work LAST WEEK?	FSR 2	Own illness On vacation Ill or weather Labor dispute	1 2 3 4
			FSR 3	New job to begin within 30 days Temporary layoff (under 30 days) Indefinite layoff (30 days or more or no definite recall date)	5 6 7
			FSR 2	Other	0
2		Item 21J - In...getting wages or salary for any of the time off LAST WEEK?	FSR 2	Yes No Self employed	1 2 3
3		Item 21G - Does...usually work 35 hours or more a week at this job?	FSR 2	Yes No	1 2
		Item 22A - What has...been doing in the last 4 weeks to find work?			
		Methods used - through word 114. Multiple entries are possible.			
4		Checked with public employment agency.	FSR 3	Blank Entry	1
5		Checked with private employment agency.	FSR 3	Blank Entry	1

-more-

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

-more-

1/ Recode starting January 1986

Attachment A

Word	Char.	Characteristic	Universe	Description	
12	3	Item 22E - Digit 1 - Is there any reason why...could not take a job LAST WEEK?	ESR 3	Yes No	1 2
4		Item 22E - Digit 2 - Is there any reason why...could not take a job LAST WEEK?	ESR 3 & 4 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? (Recorded)	ESR 3 Re-entrants to Labor Force New entrants to Labor Force	{ In last 5 years Before last 5 years Never worked full-time 2 weeks or more Never worked at all	1 2 3 4
6		Item 21A - When did...last work for pay at a regular job or business, either full- or part-time?	ESR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Within past 12 months 1 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	1 2 3 4 5 6 7

-more-

1/ Recode starting January 1986.

Attachment A

Item	Char. Characteristic	Universe	Description
13	1	Item 2/d - Why did... leave that job?	FSR 4-7 and 1-5 in Item 2/A
			1 Personal, family or school 2 health 3 Retirement or old age 4 Seasonal job completed 5 Slack work or business conditions 6 Temporary nonseasonal job completed 7 Unsatisfactory work arrangements 8 Other
	2	Item 2/d - Don't want a regular job now, either full- or part-time?	FSR 4-7 and Month in Sample is 4 or 0 (Departing relations)
			1 Yes 2 Maybe, it depends 3 No 4 Don't know
		Item 2/d - What are the reasons...is not looking for work?	
		Reasons through 15:1. Multiple entries possible.	
	3	Believes no work available in line of work or area	Item 2/c in 1 or 2
	4	Couldn't find any work	Item 2/c in 1 or 2
	5	Lacks necessary schooling, training, skills or experience	Item 2/c in 1 or 2
	6	Employers think too young or too old	Item 2/c in 1 or 2

-more-

Attachment A

Item	Char.	Characteristic	Universe	Description	
		<u>Item 2/11 - Nonsons (Cont.)</u>			
14	1	Other persons handling in printing job	Item 2/11 is 1 or 2	Blank Entry	1
2	2	Can't arrange child care	Item 2/11 is 1 or 2	Blank Entry	1
3	3	Family responsibilities	Item 2/11 is 1 or 2	Blank Entry	1
4	4	In school or other training	Item 2/11 is 1 or 2	Blank Entry	1
5	5	All health, physical disability	Item 2/11 is 1 or 2	Blank Entry	1
6	6	Other	Item 2/11 is 1 or 2	Blank Entry	1
15	1	Don't Know	Item 2/11 is 1 or 2	Blank Entry	1
2	2	Item 2/11 - Doen... intend to look for work of any kind in the next 12 months?	FSR 4-7 and Month in Sample is 4 or 0 (Departing relations)	Yes If depends No Don't Know	1 2 3 4

-more-

Attachment A

Item	Char.	Character Code	Universe	Description
15	3	Item 21E - Class of worker (Filled and Recoded)	a) FSI 1 or 2 b) FSI 3 c) FSI 4-7, Health In Sample In 4 or 0 & Item 21A in 1-5.	1 Private 2 Government 3 Self employed 4 Without pay 5 Never worked or Never worked Full-Time
16	1-3	BLANK		
17	1-6	BLANK		
18	1-5	Item 10A - LINE NUMBER	All	
19	6	Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Recode from Relationship To Reference Person)	All	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 relatives in household

Word	Char.	Characteristic	Universe	Description
17	1-2	Item 10D - AGE	All	14-90 ^{1/}
3		Item 10E - 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 10J - RACE (Recode)	All	1 White 2 Black 3 Other
5		Item 10g - SEX	All	1 Male 2 Female
6		Item 10G - VETERAN STATUS	Males	1 Vietnam Era 2 Korean War 3 World War II 4 World War I 5 Other Service 6 Nonveteran

^{1/} Age topcoded at 90.

-more-

Word	Char.	Characterizable	Unlverao	Description
10	1-2	<u>Item 1b1 - HIGHEST GRADE (OF SCHOOL) ATTENDED</u>	All	Hono F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 C1 C2 C3 C4 O5 C6+
3		<u>Item 101 - GRADE COMPLETED</u>	All	Yes No
4		PADDING		
5		Blank		
6		Item 26--Interview Check Item: This person is	All	16-24 Years of Age All Others

--more--

Attachment A

Word	Char.	Characteristic	Universe	Employed	Description	
19	1	PSR - Employment Status Record (Last Check)	ALL	Employed	Working with job, not at work	1 2
				Unemployed	Looking	3
				Not in Labor Force	Home School Unable Other (Included Retired)	4 5 6 7
	2	Item 26B--Is...enrolled in school as a full-time or part time student?	Item 26A1=1		Full-time	1
	3	Indicator for principal person of household	ALL 1/		Part-time	2
	4-6	Incident Count (Within Work Unit)	ALL		No	0
	1-3	Work Unit Number (From Breaker Sheet)	ALL		Yes	1
	4-5	Month	ALL			9/1-9/77
	6	Year - Last Digit	ALL			(01 or 0A1-977)
20	21 & 22	Final Weight	ALL			If Breaker was missing 9/11 Analyzed 01-12 0-9

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

-more-

Next page is 23.

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

1/ See Appendix #1

Attachment A

Word	Char.	Characteristic	Universe	Description
26	5	ITEM 101 - ETHNICITY	All	1 Mexican American 2 Chileano 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

Word	Char.	Weighting Age Decade	Universe	Description
27	1-2	1-2	All	01 1/2-15 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 60-64 14 62-64 15 65-69 16 70-74 17 75+

9-22

-more-

Word	Char.	Characteristic	Universe	Description
27	3	Blank		
4	4	RACE Recode	All	White 1 Other 2
5	5	Blank		
6	6	Blank		
20	1	Part time status	All	P.T. for Econ. reason 5 Vol. Part time workers 6 All other 0

-more-

Attachment A

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

Attachment A

Item	Char.	Characteristic	Universe	Description	
29	2	Employed Class of Worker	All	Not Employed Private Government Self-employed Unpaid family	0 1 2 3 4

3 BLANK

4		Labor Force by Time worked or less	All	Not in Labor Force At work With job, not at work Unemployed, seeking full time Unemployed, seeking part time	0 1 2 3 4
5		Duration of unemployment	All	Not unemployed Less than 5 weeks 5 and 6 weeks 7 to 10 weeks 11 to 14 weeks 15 to 26 weeks 27 to 39 weeks 40 to 51 weeks 52 weeks and over	0 1 2 3 4 5 6 7 8

-MOTC-

Attachment A

Word	Char.	Characteristic	Universe	Description	0	1
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 HILF	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 H'ld 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

Attachment A

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

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description	
33	4	Full time labor force	All	Not in Univerno	0
				Employed Full Time	3
				Looking for Full Time Work	4
					0
					1
					00
					01
					02
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					09
					10
					11

-more-

Attachment A

Word	Chr.	Characteristic	Universe	Description	
				Age School	Major Activity
35	1-2	Major Activity Ages 16-24	All		
				WIFE or	FBI
				FBI, MSP	Not FBI
				10	19
				11	20
				12	21
				13	22
				14	23
				15	24
				16	25
				17	26
				18	27
				19	00
				All Others	

3-4	Age 4	All	Less than 55 years	00
			55 years	01
			56 "	02
			57 "	03
			58 "	04
			59 "	05
			60 "	06
			61 "	07
			62 "	08
			63 "	09
			64 "	10
			65 "	11
			66 "	12
			67 "	13
			68 "	14
			69 "	15
			70 "	16
			71 "	17
			72 "	18
			73 "	19
			74 "	20
			75+	21

6-29

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
				WIF 04
				Home 05
				School 06
				Unable 07
				Other 08
				Unpaid family worker (1-14 hours.) Agriculture 09
				Unpaid family worker (1-14 hours.) Nonagriculture 10
				Farm residents 11
				Nonfarm residents 12

36	1-2	Marital status by Age 1	All	
				Age Single MSP MFA WID/DIV
				14-17 01 12 23 24 36
				18-19 02 13 24 35
				20-24 03 14 25 36
				25-34 04 15 26 37
				35-44 05 16 27 38
				45-54 06 17 28 39
				55-59 07 18 29 40
				60-64 08 19 30 41
				65+ 09 20 31 42
				Less than 16 years old - 00

37	3-4	Marital status by activity Age 1A	All	
				Activity Single MSP MFA WID/DIV
				School 10 21 32 43
				Other 11 22 33 44
				Not 16-21 years old - 00

6-30

-more-

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

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

Word	Char.	Characteristic	Universe	Description
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37 1-2 BLANK

3-4	Class of worker Employed-Unemployed	Civ. Labor Force	EMP 01	UNEMP 05
			02	06
			03	07
			04	08
				00

CA
Private
Government (Federal,
Local, and State)
Self-employed
Unpaid family
Never Worked

-more-

Attachment A

ICD-9 Code	Characteristic	Universe	Description
37	5-6 Major Industry (1)	Civ. Labor Force	00 Agriculture, Private Household workers & never worked
			01 Mining
			02 Construction
			03 Manufacturing
			04 Durable goods
			05 Non-durable goods
			06 Transportation and public utilities
			07 Postal
			08 Other transportation
			09 Other utilities
			10 Wholesale and retail trade
			11 Wholesale trade
			12 Retail trade
			13 Finance, insurance, and real estate
			14 Miscellaneous services
			15 Business and repair
			16 Personal, except private household
			17 Entertainment and recreation
			18 Medical, except hospitals
			19 Hospitals
			20 Welfare and religious
			Education
			Other professional services
			Forestry and fisheries
			Public administration

1/ 2/ See page 33

1/ 2/

-more-

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

3/ Starting in January, 1983, "Ordinance" was combined with "fabricated metals."

-more-

Attachment A

Word	Char.	Characteristics	Industry	Description	
30	1-2	Detailed Industry (Cont.)	Civ. Labor Force	Service-producing industries	28
				Transportation and public utilities	29
				Postal	30
				Other transportation	31
				Communications	32
				Other public utilities	33
				Trade	34
				Wholesale	35
				Retail	36
				Eating and drinking places	37
				Other retail	38
				Finance, insurance, and real estate	39
				Banking and other finance	40
				Insurance and real estate	41
				Private household service	42
				Miscellaneous services	43
				Business and repair	44
				Business	45
				Repair	46
				Personal services, except private household	47
				Entertainment and recreation	48
				Professional services	49
				Medical, except hospitals	50
				Hospitals	51
				Welfare and religious	52
				Educational	53
				Other professional	54
				Forestry and fisheries	55
				Public administration	56
				Armed forces	57
				Other federal	58
				State	59
				Local	60

1/21 See page 33.

Naval Comr.	Characteristics	Universe	Description
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30 J-6 BLANK

39 1-2 Manufacturing

Civ. Labor Force

Never worked or not Hfg. Incl. 00
Durable goods

- 02 Lumber
- 03 Furniture
- 04 Glass, clay, stone
- 05 Primary metals
- 06 3/ Fabricated metals (incl. incl. spec. metal)
- 07 Machinery, exc. elect.
- 08 Electrical equipment
- 09 Transportation equipment
- 10 Automobiles
- 11 Aircraft
- 12 Other transportation equipment
- 13 Instruments
- 14 Miscellaneous

3/ See page 36.

-more-

Attachment A

Word	Char.	Characteristic	Universal	Description
39	1-2	Manufacturing (Cont.)	Civ. Labor Force	<p>14 Honorable men</p> <p>15 Food</p> <p>16 Tobacco</p> <p>17 Textiles</p> <p>18 Apparel</p> <p>19 Paper</p> <p>20 Printing</p> <p>21 Chemicals</p> <p>22 Petroleum</p> <p>23 Rubber and plastics</p> <p>24 Leather and not specified manufacturing</p>
3-4		Persons not at work or hours at work	All	<p>00 Unemployed and HIF</p> <p>01 <u>HIF a job but not at work</u></p> <p>02 Illness</p> <p>03 Vacation</p> <p>04 Bad weather</p> <p>05 Labor dispute</p> <p>06 All other</p> <p>07 <u>All work</u></p> <p>08 1-4 hours</p> <p>09 5-14 hours</p> <p>10 15-21 hours</p> <p>11 22-29 hours</p> <p>12 30-34 hours</p> <p>13 35-39 hours</p> <p>14 40 hours</p> <p>15 41-47 hours</p> <p>16 48 hours</p> <p>17 49-59 hours</p> <p>18 60 hours or more</p>

-more-

Word	Char.	Characteristics	Universe	Percentage
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 00 Usually work full time, part time for economic reasons 01 1-4 hours 02 5-14 hours 03 15-29 hours 04 30-34 hours 05 Usually work part time, economic reasons 06 1-4 hours 07 5-14 hours 08 15-29 hours 09 30-34 hours 10 Usually work part time, noneconomic reasons 11 1-4 hours 12 5-14 hours 13 15-29 hours 14 30-34 hours 15 Not in Universe 16 Usually work full time 17 Slack work 18 Material shortages; plant or machine repair 19 New job started 20 Job terminated 21 Holiday 22 Labor dispute 23 Bad weather 24 Own illness 25 On vacation 26 All other 27
40	1-2	Detailed reasons by hours 1-3/4	ESR = 1 (At Work) and 20A is less than 35	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 27

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description	
40	1-2	Detailed reasons by hours 1-36 (cont.)	ESIT - 1 (at work and 20A to long than 35	Unusually work part time Slack work Could find only part time work Own illness Too busy or did not want full time Full-time work week is under 35 hours All other	11 12 13 14 15 16
3-4		Reasons not at work and pay status	ESIT - 2 (with job; not at work)	Not in universe Unusually work full time Paid Vacation Illness All other Not Paid Vacation Illness All other	00 01 02 03 04 05 06
5-6		Program Signal	All	Unusually work part time Paid Vacation Illness All other Not Paid Vacation Illness All other	07 08 09 10 11 12
41 thru 42		Veteran's Weight 1/ (Starting January 1986)	All 16+		50

Two implied decimal places, right justified, space filled

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

-more-

The next page is 43.

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

43 and 46	ALL	Earnings Weight for ALL Races	Eligible for Earnings 1/	Two implied decimal places, right justified, space filled
45 and 46	ALL	Earnings Weight for Spanish	Eligible for Earnings 1/ and Ethnicity = Spanish	Two implied decimal places, right justified, space filled
47 and 48	ALL	PADDING		
49	1	Eligibility Flag 1/	ALL	Not eligible Eligible
6-40	2-3	125A (Edited) - Usual hours worked per week?	Eligible	hours worked 00-99
	4	125B (Edited) - Paid by hour?	Eligible	Yes No
49 and 50	5-6 1-2	125C (Edited) - Earnings per hour? (See Appendix #2)	125D (Edited) = 1	Earnings per hour (2 implied decimal places) 0000-9999
	3-5	125D (Edited, computed) 2/ Earnings per week	Eligible	Earnings per week 000-999

1/- One of the following conditions must be met for a person to be in the universe:
 (1) If outgoing rotation (wd. 1, ch. 2-4 or 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. 6/5, 6, 7, or 8)
 (2) If outgoing rotation and ESR 1 or 2 and edited item 23E is Government (wd. 15, ch. 3-2)

2/- For hourly workers, computed 25A X 25C value appears here. For weekly workers, edited 25D value appears here. This field is used for tabulation purposes for weekly workers.

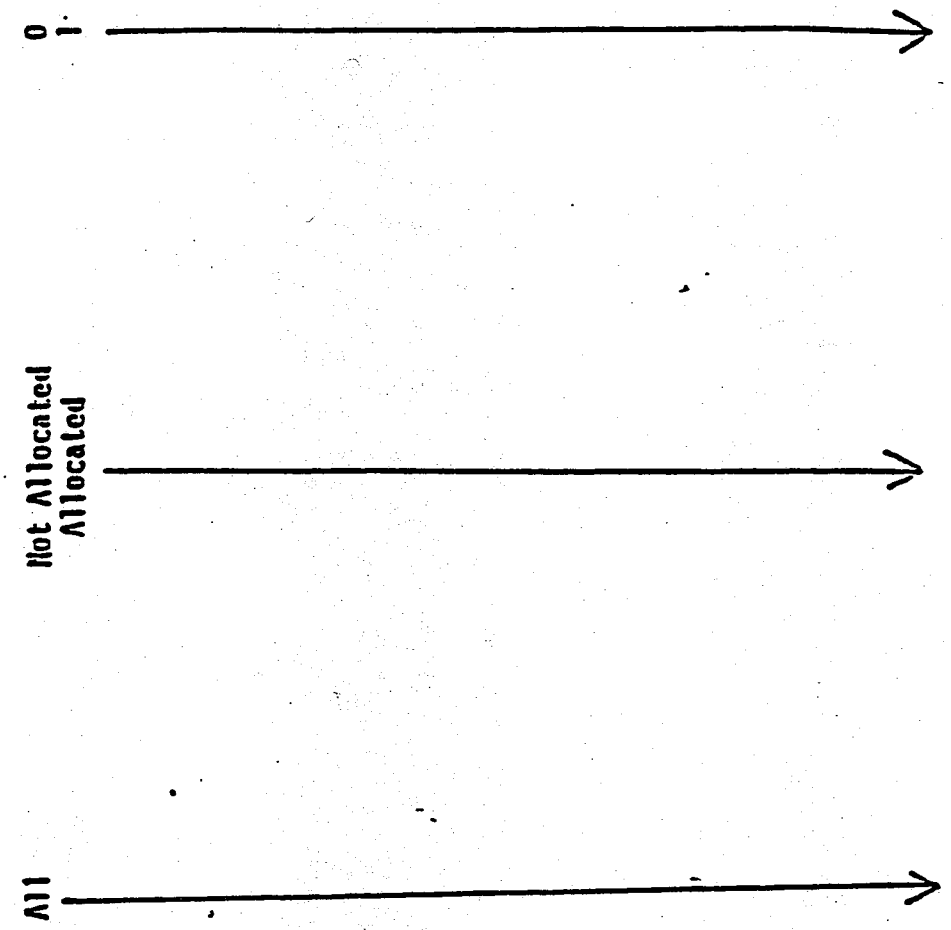
Word: Char: Characteristic Universe Description

Word	Char	Characteristic	Universe	Description
50	6	Item 25F-Member of union? (Edited)	49:1=1	Yes No
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	125B (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 2JE = P, F, S, or L	(Not in universe) Month-in-sample 1, 2, 3, 5, 6, or 7 Month-in-sample 4 or 0
	6	125F (Edited) Interviewer Check Item	ALL	(Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 12JE Entry (or NA) in 1210 and P, F, S, or L in 12JE
52	1-3	125D (Edited) - Usual weekly earnings	3/	Weekly Earnings 000-999
52	4	Item 25F-covered by union contract?	WD@:1=1 and 50:6=2 Eligible	Yes No
52	6	Item 25E Allocation Flag Item 25F Allocation Flag	Eligible 125E=No	125E Not Allocated 125E Allocated 125F Not Allocated 125F Allocated

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	Unit	Value	Description
------	-------	----------------	------	-------	-------------

Basic CIS Allocation Flags



53	1	Item 5a
	2	4
	3	5b
	4	9
	5	All Labor Force Items
	6	ESR
54	1	10H
	2	10G - Sex
	3	10J
	4	10E
	5	10D
	6	10I
55	1	10H
	2	10G - Veteran Status
	3	19
	4	23D
	5	23C
	6	23E

Word	Char.	Characteristic	Universe	Description
56	1	20A	All	Not Allocated Allocated
	2	20C		
	3	21A		
	4	21B		
	5	21C		
	6	22C		
57	1	22D	All	Not Allocated Allocated
	2	22F		
	3	24A		
	4	24B		
	5	24C		
	6	24D		
50	1	22A	All	Not Allocated Allocated
	2	22E		
	3	10A		
	4	22D		
	5	24E		
	6	Geographic Identification		

Item Char. Characteristic Universe Description

Unedited Basic CRS Transcription Items 1/

Item	Char.	Characteristic	Universe	Description	Owned or being bought	Blank
59	1	Item 27	All	Tomuro (Unedited)	Owned or being bought	6
					Rented	7
					No cash rent	0
					No entry	Blank
59	2	Item 28	All	Total Family Income (Unedited)	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 29A - Telephone in household (transcribe from control card item 30a)	All	Unedited 2/	Blank	-
					Yes	1
					No	2
4		Item 29B - Telephone available (transcribe from control card item 30b)	I-29a=	Unedited 2/	Blank	-
			No		Yes	1
					No	2
5		Item 29C - Telephone interview acceptable (Transcribe from control card item 30d)	I-29a=	Unedited 2/	Blank	-
			Yes		Yes	1
			Or		No	2
			I-29b=			
			Yes			

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

2/ July and November only. Padding all other months.

-MORE-

Attachment A

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

59 }
 thru }
 60 }
 PADDING

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-Uninc. 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-Uninc. 6 Without Pay 7 Never worked
	3	Nonagriculture Private Wage & Salary	All	0 Not in Universe 1 In Universe

-more-

ATTACHMENT A	UNIVERSE	DESCRIPTION	VALUES
HOOD CHAR.	CHARACTERISTIC		
61	4-5	Class of Worker II (Detailed)	
		Same as 123E (Exc. Never worked)	
		Agriculture	01
		Wage & Salary	02
		Private	03
		Government	04
		Self-Employed	
		Unpaid Family	
		Non-Agriculture	
		Wage & Salary	
		Private Industry	05
		Private Household	06
		Other Private	
		Government	
		Federal	07
		State	08
		Local	09
		Self-Employed	10
		Unpaid Family	11
62		Managerial & Professional	01
		Executive, admin. & managerial	02
		Professional specialty	
		Technical, sales & admin. support	03
		Technicians & related support	04
		Sales	
		Administrative support,	05
		incl. clerical	
		Service	06
		Private household	07
		Protective service	
		Other service	08
		Precision production, craft and	
		repair	09
		Operators, fabricators & laborers	
		Machining operators, assemblers &	10
		inspectors	11
		Transportation & material moving	12
		handlers, equip. cleaners, etc.	
		Farming, forestry & fishing	13
		Armed Forces	14
		No previous experience -	
		Never worked	15

Same as 123E

Major Occupation

61 }
62 }
6146

more

VALUES

UNIVERSE DESCRIPTION

VALUES

ATTACHMENT A
 CHARACTERS
 CHARACTERISTIC

62 2-3 Major Industry

VALUES	DESCRIPTION
01	Agriculture
02	Mining
03	Construction
04	Manufacturing
05	Durable goods
06	Non-durable goods
07	Transportation, communications & other public utilities
08	Transportation & public util. communications
09	Utilities & sanitary services
10	Wholesale & retail trade
11	Retail trade
12	Finance, insurance & real estate services
13	Private households
14	Miscellaneous services
15	Business & repair
16	Personal services, exc. ptly. h
17	Entertainment & recreation
18	Professional & related
19	Hospitals
20	Medical, exc. hospitals
21	Educational
22	Social services
23	Other professional
	Forestry & fisheries
	Public administration
	Armed forces

Sum as 123E
 (Exc. lower
 world)

-more-

ATTACHMENT A (Interview Adults)

ORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	4-5	Detailed Occupation	Same as 123E	Have worked 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, colleg & university Lawyers & judges 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	00 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

DATE 020183

ATTACHMENT A
 WORD CHARACTERISTIC
 UNIVERSE
 DESCRIPTION
 VALUES

62 4-5 Detailed Occupation (cont'd)

Service	27
Private household	28
Protective service	29
Other service	30
Food	31
Health	32
Cleaning & building	33
Personal	34
Precision production, craft & repair	35
Mechanics & repairers	36
Construction trades	37
Other precision prod., craft and repair	38
Operators, fabricators & laborers	39
Machining oper., assemb. & inspac.	40
Machining oper. & tenders, except precision	41
Fabricators, assemblers, inspectors & samplers	42
Transportation & material moving	43
Motor vehicle operators	44
Other transp. & material moving	45
Handlers, equip. cleaners, helpers, laborers	46
Construction laborers	47
Freight, stock & material handlers	48
Other handlers, equip. cleaners, helpers & laborers	49
Farming, forestry & fishing	50
Farm operators & managers	51
Farm workers & related	52
Forestry & fishing	53
Armed Forces	54

-more-

ATTACHMENT A

UNIVERSE CHARACTERISTIC

UNIVERSE

DESCRIPTION

WORLD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	6	Same as 123E	Never Worked	00
63	1	Detailed Industry	Goods-producing Industries	01
			Agriculture	02
			Other agricultural services	03
			Other agricultural	04
			Mining	
			Construction	
			Manufacturing	
			Durable Goods	
			Lumber & wood products,	
			except furniture	05
			furniture & fixtures	06
			Stone, clay, glass &	
			concrete products	07
			Metal Industries	
			Primary metals	08
			Fabricated metals	09
			Not specified metals	10
			Machinery, exc. electrical	11
			Electrical machinery, equip. &	
			supplies	12
			Transportation equipment	
			Motor vehicles & equipment	13
			Other transportation equip.	
			Aircraft & parts	14
			Other trans. equip.	15
			Professional & photo equip.	16
			Toys, amusement & sporting goods	17
			Misc. & nec mfg. industries	18
			Nonurable goods	
			Food & kindred products	19
			Tobacco manufactures	20
			Textile mill products	21
			Apparel & other finished	
			textile products	22
			Paper & allied products	23
			Printing, publishing &	
			allied industries	24
			Chemicals & allied products	25
			Petroleum & coal products	26
			Rubber & misc. plastics	27
			Leather & leather products	28

-more-

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

Detailed Industry (cont'd)

62	6	Same as 123E	Service-producing industries	29
63	1		Transportation, communication & other public utilities	30
			Transportation	31
			Communications & other public utilities	32
			Communications	33
			Utilities & sanitary serv., Wholesale & retail trade	34
			Wholesale trade	35
			Retail trade	36
			Finance, insurance & real estate	37
			Banking & other finance	38
			Insurance & real estate services	39
			Private household	40
			Misc. services	41
			Business & repair serv.	42
			Business services	43
			Repair services	44
			Personnel services, exc. private household	45
			Entertainment & recreation	46
			Professional & related serv.	47
			Hospitals	48
			Health serv., exc. hospitals	49
			Educational services	50
			Social services	51
			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	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
63	2-4	Item 230 - INDUSTRY (1980 Edited)	3-digit Industry Code	010-991
63	5-6	Item 23C - OCCUPATION (1980 Edited)	3-digit Occupation Code	003-903
64	1			
64	2-6	PADDING		

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

9
1
52

ATTACHMENT A (Interview Adults)		UNIVERSE		DESCRIPTION	VALUES
HOMB CHAR.	CHARACTERISTIC				
65	1-2	Item 10A - LINE NUMBER	All	Line Number	01-39
3		Item 10B - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 8 9 A
4-5		Item 10C - PARENT'S LINE NUMBER	All	None Parent's line number	00 01-39
6		PADDING			
66	1-2	Item 10D - AGE	All	Age in Years	14-90 1/2
3		Item 10E - MARITAL STATUS	All	Married-Civilian Married-Civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Divorced Separated Never married	1 2 3 4 5 6 7
4-5		Item 10F - SPOUSE'S LINE NUMBER	All	None Spouse's line number	00 01-39
6		Item 10G - SEX	All	Male Female	1 2

1/ Age topcoded at 90 years

ATTACHMENT A (Interview Adults)

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	Item 106 - VETERAN STATUS	SEX=MALE	Vietnam Era Korean War World War II Other Service Nonveteran	1 2 3 4 5 6
2-3		Item 1011 - HIGHEST GRADE (of school) ATTENDED	ALL	None E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 C1 C2 C3 C4 C5 C6+	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
4		Item 101 - GRADE COMPLETED	ALL	Yes No	1 2
5		Item 10J - RACE	ALL	White Black Other	1 2 3
6		PADDING			

ATTACHMENT A (Interview Adults)
 WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

68 1-2 PADDING

FAMILY NUMBER	FAMILY TYPE	UNIVERSE	DESCRIPTION	VALUES
3-4		ALL	Not a Family Member Primary Family Member Only Subfamily Member	00 01 02-39
5		ALL	Primary Family Primary Individual Related Subfamily Unrelated Subfamily Secondary Individual	1 2 3 4 5
6	FAMILY RELATIONSHIP	ALL	Not a Family Member Reference Person Spouse Child Other Relative(Primary Family only)	0 1 2 3 4

69 1-4 PADDING

LINE NUMBER	ALLOCATION FLAG	UNIVERSE	DESCRIPTION	VALUES
5		ALL	No Change Blank to Value Old Value to New Value	0 1 2
6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2

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

ATTACHMENT A (Interview Adults)

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

DATE 070105

ATTACHMENT A (Interview Adults)

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
72	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
5-6		SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with MD 10415=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 4 5
2		USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,6	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 2 3 4 5
3		LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
4		LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
5		NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-6 Earners 9+ Earners	0 0 1-6 9

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
73	6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-6 Unemployed 9+ Unemployed	0 0 1-6 9
74	1	HOUSEHOLD TYPE	ALL	Husband/Wife Primary Family - (Neither Husband or Wife in Armed Forces) Husband/Wife Primary Family - (Husband and/or Wife in Armed Forces) Unmarried Civilian Male Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Male Primary Individual Civilian Female Primary Individual Primary Individual Household - Reference Person in Armed Forces Group Quarters	1 2 3 4 5 6 7 8 9
2		NUMBER OF OMI CHILDREN LESS THAN 10 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 8 Children 9+ Children	0 1 2 3 4 5 6 7 8 9
3		PRESENCE OF OMI CHILDREN LESS THAN 10 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children < 10 Years Old All Children 14-17 Years Old All Children 6-13 Years Old All Children 0-5 Years Old Children 14-17 and 6-13 (No Children 0-5) Children 14-17 and 0-5 (No Children 6-13) Children 6-13 and 0-5 (No Children 14-17) Children from all Age Groups	0 1 2 3 4 5 6 7 8
4		PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

74 5 Number of Earners in Primary Family 16+ ALL Not in Primary Family 0
 No earners 0
 1-8 earners 1-8
 9+ earners 9

6 Number of Unemployed in Primary Family 16+ ALL Not in Primary Family 0
 No unemployed 0
 1-8 unemployed 1-8
 9+ unemployed 9

75 1-6 FAMILY WEIGHT ALL Two Implied Decimal Places, Right Justified, Space Filled (01)

76 1-6 HOUSEHOLD SIZE ALL Number of Persons in Household 01-39

77 1-2 NUMBER OF FAMILIES IN HOUSEHOLD ALL Number of Families 00-39

78 1-6 FAMILY EARNINGS WEIGHT MIS=4,0 Two Implied Decimal Places, Right Justified, Space Filled (01)

79 1-6 PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS ALL Not in Primary Family 0
 No One Employed 1
 Some Employed - 2
 No Wage and Salary Workers 3
 With Wage and Salary Workers 4
 Husband, Wife or Reference Person 5
 Self-Employed 6
 With Wage and Salary Workers 7
 Husband, Wife or Reference Person 8
 Other Household Member Self-Employed 9
 With Wage and Salary Workers Only 0

2 USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+) MIS=4,0 Not in Primary Family 0
 No Earners 1
 All Earners Full Time 2
 Some Full Time, Some Part Time 3
 All Earners Part Time 4
 Not In Universe 5

3-6 TOTAL WEEKLY FAMILY EARNINGS MIS=4,0 Not in Primary Family 0
 Usual Weekly Family Earnings 0000-9999

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

CURRENT POPULATION SURVEY
 CHILDREN'S INTERVIEW RECORD LAYOUT
 (BEGINNING July 1985)
 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	1-0
3	3	Blank		
4-6	4-6	Household ID Number	All	
2	1-6			
3	1-3			
4	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-

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

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (let right of State Code in Division Code) (From H.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>	
				Pennsylvania	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

-NOTE-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (int digit of State Code in Division Code) (From H.S.T.) (Cont.)	All	<u>West South Central Division</u>	71 72 73 74
				Arkansas Louisiana Oklahoma Texas	
				<u>Mountain Division</u>	01 02 03 04 05 06 07 08
				Montana Idaho Wyoming Colorado New Mexico Arizona Utah Nevada	
				<u>Pacific Division</u>	91 92 93 94 95
				Washington Oregon California Alaska Hawaii	

-more-

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

Word	Char.	Characteristic	Universe	Description	1980 Ranking
6	1-2	State Rankings (Cont.) (From U.S.T.)	All.	Mississippi (MS)	31
				Kansas (KS)	32
				Arkansas (AR)	33
				West Virginia (WV)	34
				Nebraska (NE)	35
				Utah (UT)	36
				New Mexico (NM)	37
				Maine (ME)	38
				Hawaii (HI)	39
				Rhode Island (RI)	40
				Idaho (ID)	41
				New Hampshire (NH)	42
				Nevada (NV)	43
				Montana (MT)	44
				South. Dakota (SD)	45
				North Dakota (ND)	46
				Dist. of Columbia (DC)	47
				Delaware (DE)	48
				Vermont (VT)	49
				Wyoming	50
				Alaska	51

The next page is Page 8

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

--more--

Word	Char.	Character/Code	Un/verbo	Description
5	1-3	Blank		
6	1-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit
6	1	Item 12 - LINE NO. N°HD RESP.	All	Blank or Impossible
6	2	Item 13 - TYPE INTERVIEW	All	Non N°HD Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled
7	3-6	Item 11 - DATE COMPLETED	All	Day of Month
7	5-6	PADDING		
7	1-5	PADDING		
7	6	BLANK		

-11, or
App-1199
(Excluding I--)

1-6
7

2
3
4
5

-- or
10-29

-more-

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

-INOT-

Word	Char.	Characteristic	Inverse	Description
0	5	Blank		
6		Item 9 - HOUSEHOLD NUMBER	ALL	1-8
9	1	PADDING		
16	3			

-more-

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

--more--

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.)
	4-6	Document Count (Within Work Unit)	ALL	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	ALL	001 or 001-99 999 Assigned
	4-5	Month	ALL	01-12
	6	Year - Last Digit	ALL	0-9
21 & 22	ALL	Final Weight	ALL	Two Understood Decimal Places. (Weight Justified, space fill -01)
23	1-6	PADDING		

-- more --

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

1/ See Appendix #1

Word	Char.	Characteristic	Universe	Description
26	5	Item 191 - ETHNICITY (Recode)	All	
	6	PADDING		1 Mexican American
27	1-2	PADDING		2 Chicano
27	3	BLANK		3 Mexican (Mexicano)
	4	PADDING		4 Puerto Rican
	5		5 Cuban	
	6	BLANK		6 Central or South American
28	1	Through } PADDING		7 Other Spanish
50	6		8 All other	
				9 Do Not Know
				A NA

Word Char. Characteristic Universe Description

Item	Char.	Characteristic	Universe	Description	Owned or being bought	0	1	2	3	4	5	6	7	8	9	A	B	C	D	Blank
59	1	Item 27	Tomuro (Unedited)	All	Rented	0	1	2	3	4	5	6	7	8	9	A	B	C	D	Blank
59	2	Item 28	Total Family Income (Unedited)	All	No cash rent	0	1	2	3	4	5	6	7	8	9	A	B	C	D	Blank
					No entry	Under \$5,000	\$5,000 - 7,499	\$7,500 - 9,999	\$10,000 - 12,499	\$12,500 - 14,999	\$15,000 - 17,499	\$17,500 - 19,999	\$20,000 - 24,999	\$25,000 - 29,999	\$30,000 - 34,999	\$35,000 - 39,999	\$40,000 - 49,999	\$50,000 - 74,999	\$75,000 and Over	No Entry
3		Item 29A - Telephone in household (transcribe from control card item 30a)	Unedited 2/	All	Blank	Blank	Yes	No												
4		Item 29B - Telephone available (transcribe from control card item 30b)	Unedited 2/		Blank	Yes	No													
5		Item 29C - Telephone interview acceptable (transcribe from control card item 30d)	Unedited 2/		Blank	Yes	No													
64 thru 66		PADDING			Blank	Yes	No													

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

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	ALL	Line Number	01-39
3		Item 18D - RELATIONSHIP TO REFERENCE PERSON	ALL	Own child Brother/sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	5 7 0 9 A
4-5		Item 16C - PARENT'S LINE NUMBER	ALL	None Parent's line number	00 01-39
6		PADDING			
66	1-2	Item 100 - AGE	ALL	AGE in Years	00-13
3-5		PADDING			
6		Item 106 - SEX	ALL	Male Female	1 2
67	1-4	PADDING			
5		Item 10J - RACE	ALL	White Black Other	1 2 3
6		PADDING			

(Interview Children)

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

(Interview Children)
 DATE 070185 PAGE 19
 WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

71	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
72	5 thru 2	PADDING	ALL	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	3	PADDING	ALL	Not a Family Member	0
	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	< 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	1 2 3 4 5
	5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with HD 10495=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 4 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,6	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARLIER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARLIER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-6 Earners 9+ Earners	0 0 1-6 9

U.S.-1 DOCUMENT RECORD LAYOUT (Effective 07/05)

DATE 070105		PAGE 20	
WORD CHAR.	CHARACTERISTIC	UNIVERSE	VALUES
73	6 NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	0 Not in Primary Family 1 No Unemployed 2 1-8 Unemployed 3 9+ Unemployed
74	1 HOUSEHOLD TYPE	ALL	0 Husband/Wife Primary Family - 1 (Neither Husband or Wife 2 in Armed Forces) 3 Husband/Wife Primary Family - 4 (Husband and/or Wife in 5 Armed Forces) 6 Unmarried Civilian Male Primary 7 Family Householder 8 Unmarried Civilian Female Primary 9 Family Householder 0 Primary Family Household - 1 and Unmarried 2 Civilian Male Primary Individual 3 Civilian Female Primary Individual 4 Primary Individual Household - 5 Reference Person in Armed Forces 6 Group Quarters 7 Not in Primary Family 8 No Children 9 1 Child 0 2 Children 1 3 Children 2 4 Children 3 5 Children 4 6 Children 5 7 Children 6 8 Children 7 9+ Children
2	NUMBER OF OWN CHILDREN LESS THAN 16 IN PRIMARY FAMILY	ALL	0 Not in Primary Family 1 No Children 2 1 Child 3 2 Children 4 3 Children 5 4 Children 6 5 Children 7 6 Children 8 7 Children 9 8+ Children
3	PRESENCE OF OWN CHILDREN LESS THAN 16 IN PRIMARY FAMILY	ALL	0 Not in Primary Family 1 No Children < 16 Years Old 2 All Children 14-17 Years Old 3 All Children 6-13 Years Old 4 All Children 0-5 Years Old 5 Children 14-17 and 0-5 6 (No Children 0-5) 7 Children 14-17 and 0-5 8 (No Children 6-13) 9 Children 6-13 and 0-5 0 (No Children 14-17) 1 Children from all Age Groups
4	PRIMARY FAMILY RELATIONSHIP	ALL	0 Not in Primary Family 1 Husband 2 Wife 3 Son Child 4 Other Relative 5 Unmarried Reference Person

WVS-1 INCUMMENT RECORD LAYOUT (Effective 07/85)
(Interview Children)

WORD CHAR. CHARACTERISTIC UNIVERSE DATE 070185 DESCRIPTION VALUES

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DATE 070185	DESCRIPTION	VALUES
74	5	Number of Earners in Primary Family 16+	ALL		Not in Primary Family No earners 1-8 earners 9+ earners	0 0 1-8 9
6		Number of Unemployed in Primary Family 16+	ALL		Not in Primary Family No unemployed 1-8 unemployed 9+ unemployed	0 0 1-8 9
75 and 76	1-6	FAMILY WEIGHT	ALL		Two Implied Decimal Places, Right Justified, Space Filled (01)	
77	1-2	HOUSEHOLD SIZE	ALL		Number of Persons in Household	01-39
3-4		NUMBER OF FAMILIES IN HOUSEHOLD	ALL		Number of Families	00-39
5-6		PADDING				
78 and 79	1-6	FAMILY EARNINGS WEIGHT	HIS=4,6		Two Implied Decimal Places, Right Justified, Space Filled (01)	
80	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS (16+)	ALL		Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 1 2 3 4 5
2		USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	HIS=4,6		Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 1 2 3 4 5
3-6		TOTAL WEEKLY FAMILY EARNINGS	HIS=4,6		Not in Primary Family Usual Weekly Family Earnings	Blank 0000-9999

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

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

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

6

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code 1s Division Code) (From H.S.T.) (Con't)	All	Pacific Division Washington Oregon California Alaska Hawaii
4	1-2	State Rankings (From H.S.T.)	All	<p style="text-align: right;"><u>1970 Ranking</u></p> 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

G

-more-

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

4 3-4 PADDING

The next page is 7

-more-

Word	Char.	Characteristic	Universe	Description
5		Item 1 - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household
	6	Blank		2
	5	Blank		3
	4-6	Item 10 - INTERVIEWER CODE	All	Second CPS-1 of cont. household Third, fourth, etc. CPS-1
				4
6	1	Item 12 - LINE NO. H'ILD RESP.	All	Blank or Impossible in any digit
				-NA, or App-H99 (Excluding 1--)
				1-6
				7
2		Item 13 - TYPE INTERVIEW	All	Blank or Impossible Non H'ild Resp. Noninterview
				1

Word	Char.	Characteristic	Universe	Day of Month	Description	-- or 10-29
6	3-4	Item 11 - DATE COMPLETED	All			
	5 } 6 }	PADDING				
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
8-9	3-5	PADDING				
	6	Blank				
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. (Starting April 1984, reflects new farm definitions)	All		Nonfarm Farm	1 2, 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All		Housing Unit house, apt., flat IU in nontransient hotel, etc. IU, permanent, in trans. hotel, motel, etc. IU in rooming house Mobile home or Trailer IU not specified above	01 02 03 04 05 06

Word	Char.	Characteristic	Universe	Description
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	Other Unit Qtrs. not 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
9	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from H.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm Farm 1 2, 3
10	5	Blank		
19	6	Item 9 - HOUSEHOLD NUMBER (Unedited)	All	Blank 1-0
19	1 through 2	PADDING		
20	3	Household Indicator	All	1
20	4-6	Document Count (Within Work Unit)	All	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	If Breaker was missing 001 or 001-999 9XX Assigned

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

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

Word Char. Characteristic Universe Description

26 5-6 PADDING

27 1-3 Blank

4 RACE (Recode)

All

White
Other

1
2

5-6 Blank

28 1 }
through
52 6 }
115

Blank

Word	Char.	Characteristic	Universe	Description
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BASIC CPS ALLOCATION FLAGS

Word	Char.	Item 5a	Universe	Description
53	1	Item 5a	All	
	2	4		
	3	5b		
	4	9		
53 Thru 50	5	Padding		
	5			
58	6	Geographic Identification		
59 Thru 80	1			
	6	Padding		

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

Word	Char.	Characteristic	Universe	NonInterview Type B or C	Description
1	1	Record Type	All	3	
2	2	Month in Sample (Recorded from Month and Rotation)	All	1-8	
3	3	Blank			
4-6	4-6	Household ID Number	All		
2	1-6				
3	1-3				
4	4	Region (From M.S.T.)	All		Northeast North Central South West } 1 2 3 4 Region 1 Region 2 Region 3 Region 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 2 3 4 5 6 7 8 9 Region 1 Region 2 Region 3 Region 4

Hord	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 U.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

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	<p>Pacific Division</p> <p>Washington</p> <p>Oregon</p> <p>California</p> <p>Alaska</p> <p>Hawaii</p>
4	1-2	State Rankings (From M.S.T.)	All	<p>1970 Ranking</p> <p>01</p> <p>02</p> <p>03</p> <p>04</p> <p>05</p> <p>06</p> <p>07</p> <p>08</p> <p>09</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p> <p>26</p>

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

4 3-4 PADDING

The next page is 7

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Word	Char.	Characteristic	Universe	Description
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5		Item 1 - INTERVIEWER CHECK ITEM	A11	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household
				2
				3
				4
6		Blank		
5	1-3	Blank		
4-6		Item 10 - INTERVIEWER CODE	A11	Blank or Impossible in any digit
				-NA, or APP-H99 (Excluding 1--)
6	1	Item 12 - LINE NO. H'ILD RESP.	A11	Blank or Impossible
				1-6
				7
2		Item 13 - TYPE INTERVIEW	A11	Non H'ild Resp.
				Noninterview
				1

--more--

Word	Char.	Characteristic	Universe	Description	Day of Month	-- or 10-29
6	3-4	Item 11 - DATE COMPLETED	A11			
	5	} PADDING				
	6					
7	1-2	Item 15 - TYPE D OR C (Recode)	A11			
				<u>Type D</u>		01
				Vacant - regular		02
				Vacant - storage of h'hld furniture		03
				Temp. occ. by persons with IRE		04
				Unfit or to be demolished		05
				Under construction, not ready		06
				Converted to temp. business or storage		07
				Occ. by AF members or persons under 14		08
				Unoccupied tent site or trailer site		09
				Permit granted, construction not started		10
				Other		11
				<u>Type C</u>		12
				Demolished		13
				House or trailer moved		14
				Outside segment		15
				Converted to permanent business or storage		16
				Merged		17
				Condemned		18
				Built after April 1, 1980		19
				Unused line of listing sheet		
				Other		

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

(Effective April 1984, Reflects new farm definition)

-more-

Word	Char.	Characteristic	Universe	Description
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	A11	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.)	A11	Nonfarm 1 Farm 2, 3
5		Blank		
6		Item 9 - HOUSEHOLD NUMBER (Unedited)	A11	Blank 1-8
9	1	padding		
19	2			
3		Household Indicator	A11	1
4-6		Document Count (Within Work Unit)	A11	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	A11	If Breaker was missing 001 or ΔΔ1-999 9XX Assigned

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-r			
	6	Final Weight	All	"Regular Type A" Sub Sample
				1
				2-4

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

Word	Char.	Characteristic	Inverse	Description
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26 5-6 PADDING

27 1-3 Blank

4 RACE (Recode)

All

White
Other

1
2

5-6 Blank

20 1 }
9-12 through
52 6 }

Blank

Word	Char.	Characteristic	Universe	Description
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BASIC CFS ALLOCATION FLAGS

Word	Char.	Item 5a	Universe	Description
53	1		All	
	2	4		
	3	5b		
	4	9		
53 Thru 58	5 } 5 }	PADDING		
58	6	Geographic Identification		
59 Thru 80	1 } 6 }	PADDING		
			0	Not Allocated
			1	Allocated

END OF BASIC CFS RECORD

**CURRENT POPULATION SURVEY
 ARMED FORCE'S INTERVIEW RECORD LAYOUT
 (BEGINNING JULY 1985)
 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	1-0
3	3	Blank		
	4-6		All	
2	1-6	Household ID Number		
3	1-3			
4	4	Region (From H.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.

Word	Char.	Characteristic	Universe	Description
3	5	Division (From H.S.T.)	All	<p>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</p> <p>Region 1 Region 2 Region 3 Region 4</p>
5-6		State (1st digit of State Code is Division Code) (From H.S.T.)	All	<p>11 New England Division 12 Maine 13 New Hampshire 14 Vermont 15 Massachusetts 16 Rhode Island Connecticut</p> <p><u>Middle Atlantic Division</u> New York New Jersey Pennsylvania</p>

-more-

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

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

-more-

Word	Char.	Characteristic	Universe	Description	1980 Ranking
4	1-2	State Rankings (From H.S.T.)	All	California (CA)	01
				New York (NY)	02
				Texas (TX)	03
				Pennsylvania (PA)	04
				Illinois (IL)	05
				Ohio (OH)	06
				Florida (FL)	07
				Michigan (MI)	08
				New Jersey (NJ)	09
				North Carolina (NC)	10
				Massachusetts (MA)	11
				Indiana (IN)	12
				Georgia (GA)	13
				Virginia (VA)	14
				Missouri (MO)	15
				Wisconsin (WI)	16
				Tennessee (TN)	17
				Maryland (MD)	18
				Louisiana (LA)	19
				Washington (WA)	20
				Minnesota (MN)	21
				Alabama (AL)	22
				Kentucky (KY)	23
				South Carolina (SC)	24
				Connecticut (CT)	25
				Oklahoma (OK)	26
				Iowa (IA)	27
				Colorado (CO)	28
				Arizona (AZ)	29
				Oregon (OR)	30

Word	Char.	Characteristic	Univeron	Description	1980 Ranking
4	1-2	State Rankings (Cont.) (From H.S.T.)	All.	Mississippi (MS)	31
				Kansas (KS)	32
				Arkansas (AR)	33
				West Virginia (WV)	34
				Nebraska (NE)	35
				Utah (UT)	36
				New Mexico (NM)	37
				Maine (ME)	38
				Hawaii (HI)	39
				Rhode Island (RI)	40
				Idaho (ID)	41
				New Hampshire (NH)	42
				Nevada (NV)	43
				Montana (MT)	44
				South Dakota (SD)	45
				North Dakota (ND)	46
				Dist. of Columbia (DC)	47
				Delaware (DE)	48
				Vermont (VT)	49
				Wyoming	50
				Alaska	51

The next page is Page 8

There is no page 7

Word	Char.	Characteristic	Univerno	Description
h	3-4	PADDING		
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
6		Blank		

--more--

Word	Char.	Characteristic	Universe	Description
5	1-3	Blank		
	4-6	<u>Item 10</u> -- INTERVIEWER CODE	ALL	Blank or Impossible in any digit -NA, or App-199 (Excluding I--)
6	1	<u>Item 12</u> -- LINE NO. N°HLD RESP.	ALL	Blank or Impossible 1-6 7
	2	<u>Item 13</u> -- TYPE INTERVIEW	ALL	Non H°hld Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled 2 3 4 5
	3-4	<u>Item 11</u> -- DATE COMPLETED	ALL	Day of Month -- or 14-29
	5-6	PADDING		
	7	PADDING		
	6	BLANK		

10-8

Word	Char.	Characteristic	Universe	Description
0	1	BLANK		
2-3		Item 4 - TYPE OF LIVING QUARTERS (Nocode)	ALL	<p><u>Housing Unit</u></p> <p>01 house, apt., flat</p> <p>02 IU in nontransient hotel, etc.</p> <p>03 IU, permanent, in trans. hotel, motel, etc.</p> <p>04 IU in rooming house</p> <p>05 Mobile home or Trailer</p> <p>06 IU not specified above</p> <p><u>Other Unit</u></p> <p>07 Qtrs. not IU in rooming or boarding house.</p> <p>08 Unit not permanent in trans. hotel, motel, etc.</p> <p>09 Tent or trailer site</p> <p>10 Other not IU</p>
				1 Nonfarm
				2, 3 Farm

*New' Farm Definition (Nocode) ALL Effective February 1976. (Elitted using Urban/Rural Code from H.S.T. and CPS-1 Document Items 5a. and 5b.)

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

Card	Character	Characteristics	Universe	Description
9	1-3	PADDING		001-999
	4-6	Document Count (Within Work Unit)	All	001 or ΔΔ1- 9XX Assigned
0	1-3	Work Unit Number (From Breaker Shoot)	All	If Breaker was missing 01-12
	4-5	Month	All	0-9
	6	Year - Last Digit	All	
	All	Final Weight	All	Two Understood Decimal Places. (Might Justified, space fill -01)
	1-6	PADDING		

1
2
3
10
11

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

1/ See Appendix #1

Word	Char.	Characteristic	Universe	Description
26	5	Item 181 - ETHNICITY (Hecode)	All	
	6	PADDING		1 Mexican American
	1-2	PADDING		2 Chicano
27	3	BLANK		3 Mexican (Mexicano)
	4	}		4 Puerto Rican
	5			5 Cuban
	6	PADDING		6 Central or South American
	6	BLANK		7 Other Spanish
20	1	}		8 All other
	64			9 Do Not Know
	142	PADDING		A NA

10-13

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 16A - LINE ORDER	All	Line Number	01-39
	3	Item 16B - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 8 9 A

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
4-5		Item 16C - PARENT'S LINE ORDER	All	None Parent's line number	00 01-39
66	1-2	PADDING	All	Age in Years	19-90 1/2
	3	Item 16E - MARITAL STATUS	All	Married-civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	1 2 3 4 5 6 7
	4-5	Item 16F - SPOUSE'S LINE ORDER	All	None Spouse's line number	00 01-39
	6	Item 16G - SEX	All	Male Female	1 2

1/Age topcoded at 90 years

VALUES

NUMO CHAR.	(Armed Forces) CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1 PADDING		None	00
	2-3 Item 10I - HIGHEST GRADE (of school) ATTENDED	ALL	E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 C1 C2 C3 C4 C5 C6	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
4	Item 10I - GRADE COMPLETED	ALL	Yes No	1 2
5	Item 10J - RACE	ALL	White Black Other	1 2 3
6	PADDING			
68	1-2 PADDING			
	3-4 FAMILY NUMBER	ALL	Not a Family Member Primary Family Member Only Subfamily Member	00 01 02-39
	5 FAMILY TYPE	ALL	Primary Family Individual Related Subfamily Unrelated Subfamily Secondary Individual	1 2 3 4 5
	6 FAMILY RELATIONSHIP	ALL	Not a Family Member Reference Person Spouse Child Other Relative (Primary Family only)	0 1 2 3 4

MS-1 DOCUMENT RECORD LAYOUT (effective 07/85)

WORD CHAR. CHARACTERISTIC UNIVERSE DATE 070105 DESCRIPTION VALUES PAGE 17

(Armed Forces)

69 1 -4 PADDING

LINE NUMBER	ALLOCATION FLAG	UNIVERSE	DESCRIPTION	VALUES
5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
70	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
3	MARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
4	SPOUSE'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
6	PADDING			
71	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
2	GRADE COMPLETED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
4	PADDING			
5	Total Weekly Family Earnings (for members 16)	MIS=4.0	Not in Primary Family Usual weekly family earnings	blank 0000-9999
72	PADDING	AAA		

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

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DATE 07/105	DESCRIPTION	VALUES	PAGE 18
72	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL		Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5	
5-6		SIZE OF PRIMARY FAMILY	ALL		Not in Primary Family Number Individuals With NO 104:5:1,3	00 01-39	
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL		Not in Primary Family No One Employed - Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 4	
2		USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,6		Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 2 3 4 5	
3		LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL		Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6	
4		LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL		Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6	
5		NUMBER OF EARNERS IN PRIMARY FAMILY	ALL		Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 0 1-8 9	

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

CURRENT POPULATION SURVEY

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout

Word	Char.	Item	Characteristics	Universe	Description
01	1-6		Annual Farm Earnings (Total I32C entries)	I31 = 1	1-119988
02	1-3		Total Farm Days (Total I32B entries)	I31 = 1	001-365
	4-5		Total Farm Months—Jan.—Dec. (# of I32A entries = yes)	I31 = 1	01-12
	6		Blank		
03	1-5		Nonfarm Daily Rate	I45 = 1 I46 ≠ 0	2 Implied Decimal Places 1-99999
	6		Blank		
04	1-2		* Region Code	I30 = 1	01-10
	3-4		Total Household Members related to Reference Person	I30 = 1	01-39
	5-6		Total Persons 0-7 years of age related to Reference Person	I30 = 1	0-38
05	1-2		Total Persons 8-13 years of age related to Reference Person	I30 = 1	0-38
	3-4		Total Persons 14+ years of age related to Reference Person	I30 = 1	1-39

* See Attachment

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Page 2

Word	Char.	Item	Characteristics	Universe	Description
85	5-6		Total Household Members " <u>Not</u> " related to Reference Person	I30 = 1	0-38
86	1	50A	Any children in the household between the ages of 8-13?	I30 = 1	Yes = 1 No = 2
	2	50B	Did any of those children do any farmwork even for one day in 1985?	I50A = 1	Yes = 1 No = 2
	3	50C	How many of these children did farmwork in 1985?	I50B = 1	1-9
	4		Blank		
	5	30	Did ... do any farmwork at all during 1985?	REC Type = 1 I:1 = 1	Yes = 1 No = 2
	6	31	Did ... do any farmwork for cash wages during 1985?	I30 = 1	Yes = 1 No = 2
87	1	32A	Did ... do any farmwork for cash wages in January?	I31 = 1	Yes = 1 No = 2
	2	32A	Did ... do any farmwork for cash wages in February?	I31 = 1	Yes = 1 No = 2
	3	32A	" " " " March?	I31 = 1	Yes = 1 No = 2
	4	32A	" " " " April?	I31 = 1	Yes = 1 No = 2
	5	32A	" " " " May?	I31 = 1	Yes = 1 No = 2

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universu	Description
87	6	32A	" " " June?	I31 = 1	Yes = 1 No = 2
88	1	32A	" " " July?	I31 = 1	Yes = 1 No = 2
	2	32A	" " " August?	I31 = 1	Yes = 1 No = 2
	3	32A	Did ... do any farmwork for cash wages in September?	I31 = 1	Yes = 1 No = 2
	4	32A	" " " October?	I31 = 1	Yes = 1 No = 2
	5	32A	" " " November?	I31 = 1	Yes = 1 No = 2
	6	32A	" " " December?	I31 = 1	Yes = 1 No = 2
89	1-2	32B	Days worked—January	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—January	I32A = 1	Earns = 0001-9999
90	1-2	32B	Days worked—February	I32A = 1	Days = 01-28
	3-6	32C	Farm earnings—February	I32A = 1	Earns = 0001-9999
91	1-2	32B	Days worked—March	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—March	I32A = 1	Earns = 0001-9999

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
92	1-2	32B	Days worked—April	I32A = 1	Days = 01-30
	3-6	32C	Farm earnings—April	I32A = 1	Earns = 0001-9999
93	1-2	32B	Days worked—May	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—May	I32A = 1	Earns = 0001-9999
94	1-2	32B	Days worked—June	I32A = 1	Days = 01-30
	3-6	32C	Farm earnings—June	I32A = 1	Earns = 0001-9999
95	1-2	32B	Days worked—July	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—July	I32A = 1	Earns = 0001-9999
96	1-2	32B	Days worked—August	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—August	I32A = 1	Earns = 0001-9999
97	1-2	32B	Days worked—September	I32A = 1	Days = 01-30
	3-6	32C	Farm earnings—September	I32A = 1	Earns = 0001-9999
98	1-2	32B	Days worked—October	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—October	I32A = 1	Earns = 0001-9999
99	1-2	32B	Days worked—November	I32A = 1	Days = 01-30
	3-6	32C	Farm earnings—November	I32A = 1	Earns = 0001-9999
100	1-2	32B	Days worked—December	I32A = 1	Days = 01-31
	3-6	32C	Farm earnings—December	I32A = 1	Earns = 0001-9999

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
101	1-5	33	1/ '85 Wages and salary?	I31 = 1	0001-9999
	6	34	Overnight farm work?	I31 = 1	Yes = 1 No = 2
102	1	35A	This county?	I34 = 1	Yes = 1 No = 2
	2	35B	This state, different county?	I34 = 1	Yes = 1 No = 2
	3	35C	Different state?	I34 = 1	Yes = 1 No = 2
	4	36	Crop or livestock?	I31 = 1	Grains = 1 Cotton = 2 Tobacco = 3 Other Field Crops = 4 Vegs. or Melons = 5 Fruits or Tree Nuts = 6 Horticulture Specialty = 7 Beef Cattle = 8 Dairy = 9 Other Livestock = A Other = B
	5	37	Operate own farm?	I30 = 1	Yes = 1 No = 2
	6	Blank			

1/ This item was included on this file for internal research only. It was used to match the item's annual farm earnings value with the annual farm earnings field in 81:1-6.

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
103	1-3	38	Days worked on own farm?	I37 = 1	001-365
	4	39	Gross sales?	I37 = 1	Less than \$1,000 = 1 \$1,000-4,999 = 2 \$5,000-9,999 = 3 \$10,000-19,999 = 4 \$20,000-39,999 = 5 \$40,000-99,999 = 6 \$100,000-249,999 = 7 \$250,000+ = 8
	5	40	Product, livestock?	I37 = 1	Grains = 1 Cotton = 2 Tobacco = 3 Other Field Crops = 4 Vegs. or Melons = 5 Fruits or Tree Nuts = 6 Horticulture Specialty = 7 Beef Cattle = 8 Dairy = 9 Other Livestock = A Other = B
	6	41	Farm work without pay?	I30 = 1	Yes = 1 No = 2
104	1-3	42	Days worked without pay?	I41 = 1	001-365

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
104	4	43	Crop or livestock?	I41 = 1	Grains = 1 Cotton = 2 Tobacco = 3 Other Field Crops = 4 Vegs. or Melons = 5 Fruits or Tree Nuts = 6 Horticulture Specialty = 7 Beef Cattle = 8 Dairy = 9 Other Livestock = A Other = B
5		44	What was ... doing in '85?	I30 = 1	Farm work for cash wages = 1 Operating a farm = 2 Unpaid farm work = 3 Nonfarm work = 4 Looking for work = 5 Keeping house = 6 Going to school = 7 Other = 8
6		45	Nonfarm work?	I30 = 1	Yes = 1 No = 2
105	1-3	46	Days worked nonfarm?	I45 = 1	001-365
	4-6	49	Days worked on longest nonfarm job?	I45 = 1	001-365
106	1-5	47	Nonfarm earnings?	I45 = 1	00001-59999
6		48	Industry and Occupation Supplement Classification same as basic I/O Entries (I23B/I23C)	I45 = 1	Same as Item 23 = 1 Different from Item 23 = 2 N/A = "-"

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
107	1	2/ 48E	Class of worker	I48 = 2	Private = 1 Gov't. = 2 NA = " "
	2-3		Blank		
	4-6	48B	Industry Code (See CPS REC Layout)	I48 = 1, 2	010-992
108	1-3	48C	Occupation Code (See CPS REC Layout)	I48 = 1, 2	003-999
	4-6		Blank		
<u>ALLOCATION FLAGS</u>					
109	1-6		I32A--JAN-JUN	I31 = 1	Not Allocated = 0 Allocated = 1
110	1-6		I32A--JULY-DEC	I31 = 1	Not Allocated = 0 Allocated = 1
111	1-6		I32B--JAN-JUN	I31 = 1	Not Allocated = 0 Allocated = 1
112	1-6		I32B--JULY-DEC	I31 = 1	Not Allocated = 0 Allocated = 1
113	1-6		I32C--JAN-JUN	I31 = 1	Not Allocated = 0 Allocated = 1
114	1-6		I32C--JULY-DEC	I31 = 1	Not Allocated = 0 Allocated = 1

2/ Class of Worker entries for supplement Industry and Occupation codes that are different from the basic CPS Industry and Occupation codes. Refer to CPS 1987-88

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
115	1	I33		I31 = 1	Not Allocated = 0 Allocated = 1
	2	I35		I34 = 1	Not Allocated = 0 Allocated = 1
	3	I36		I31 = 1	Not Allocated = 0 Allocated = 1
	4	I38		I37 = 1	Not Allocated = 0 Allocated = 1
	5	I39		I37 = 1	Not Allocated = 0 Allocated = 1
	6	I40		I37 = 1	Not Allocated = 0 Allocated = 1
116	1	I42		I41 = 1	Not Allocated = 0 Allocated = 1
	2	I43		I41 = 1	Not Allocated = 0 Allocated = 1
	3	I44		I30 = 1	Not Allocated = 0 Allocated = 1
	4	I46		I45 = 1	Not Allocated = 0 Allocated = 1
	5	I47		I45 = 1	Not Allocated = 0 Allocated = 1
	6	I49		I45 = 1	Not Allocated = 0 Allocated = 1

DECEMBER 1987 AGRICULTURAL WORK FORCE SUPPLEMENT
Record Layout (continued)

Word	Char.	Item	Characteristics	Universe	Description
117	1-6		1st Quarter Earnings	I31 = 1	0-29997
118	1-6		2nd Quarter Earnings	I31 = 1	0-29997
119	1-6		3rd Quarter Earnings	I31 = 1	0-29997
120	1-6		4th Quarter Earnings	I31 = 1	0-29997
121	1		Months worked 1st Qtr.	I31 = 1	0-3
	2		Months worked 2nd Qtr.	I31 = 1	0-3
	3		Months worked 3rd Qtr.	I31 = 1	0-3
	4		Months worked 4th Qtr.	I31 = 1	0-3
	5-6		Blank		
122	1-6		Annual Farm Rate (2 Implied Decimal Places)	I31 = 1	0-999900
123	1-6		1st Qtr. Daily Rate (2 Implied Decimal Places)	I31 = 1	0-999900
124	1-6		2nd Qtr. Daily Rate (2 Implied Decimal Places)	I31 = 1	0-999900
125	1-6		3rd Qtr. Daily Rate (2 Implied Decimal Places)	I31 = 1	0-999900
126	1-6		4th Qtr. Daily Rate (2 Implied Decimal Places)	I31 = 1	0-999900

Attachment 12

INDUSTRY CLASSIFICATION CODES

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

<u>Code</u>	<u>Industry</u>
0-9	not used
10-31	AGRICULTURE, FORESTRY, AND FISHERIES
10	Agricultural production, crops (01)
11	Agricultural production, livestock (02)
12-19	not used
20	Agricultural services, except horticultural (07, except 078)
21	Horticultural services (078)
22-29	not used
30	Forestry (08)
31	Fishing, hunting, and trapping (09)
32-39	not used
40-50	MINING
40	Metal mining (10)
41	Coal mining (11, 12)
42	Crude petroleum and natural gas extraction (13)
43-49	not used
50	Nonmetallic mining and quarrying, except fuel (14)
51-59	not used
60	CONSTRUCTION (15, 16, 17)
61-99	not used
100-392	MANUFACTURING
100-222	Nondurable Goods
100-122	Food and kindred products
100	Meat products (201)
101	Dairy products (202)
102	Canned and preserved fruits and vegetables (203)
103-109	not used
110	Grain mill products (204)
111	Bakery products (205)
112	Sugar and confectionery products (206)
113-119	not used
120	Beverage industries (208)
121	Miscellaneous food preparations and kindred products (207, 209)
122	Not specified food industries
123-129	not used
130	Tobacco manufactures (21)
131	not used
132-150	Textile mill products
132	Knitting mills (225)
133-139	not used
140	Dyeing and finishing textiles, except wool and knit goods (226)

<u>Code</u>	<u>Industry</u>
141	Floor coverings, except hard surface (227)
142	Yarn, thread, and fabric mills (228, 221-224)
143-149	not used
150	Miscellaneous textile mill products (229)
151-152	Apparel and other finished textile products
151	Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
153-159	not used
160-162	Paper and allied products
160	Pulp, paper, and paperboard mills (261-263, 266)
161	Miscellaneous paper and pulp products (264)
162	Paperboard containers and boxes (265)
163-170	not used
171-172	Printing, publishing, and allied industries
171	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
173-179	not used
180-192	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
183-189	not used
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
193-199	not used
200-201	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
202-209	not used
210-212	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-304, 306)
212	Miscellaneous plastics products (307)
213-219	not used
220-222	Leather and leather products
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)
223-229	not used
230-391	Durable Goods
230-241	Lumber and wood products, except furniture
230	Logging (241)
231	Sawmills, planning mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
233-240	not used
241	Miscellaneous wood products (244, 249)
242	Furniture and fixtures (25)
243-249	not used

<u>Code</u>	<u>Industry</u>
250-262	Stone, clay, glass, and concrete products
250	Glass and glass products (321-323)
251	Cement, concrete, gypsum, and plaster products (324, 327)
252	Structural clay products (325)
253-260	not used
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329)
263-269	not used
270-301	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3361)
273-279	not used
280	Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281	Cutlery, handtools, and other hardware (342)
282	Fabricated structural metal products (344)
283-289	not used
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
293-299	not used
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
302-309	not used
310-332	Machinery, except electrical
310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
313-319	not used
320	Metalworking machinery (354)
321	Office and accounting machines (357, except 3573)
322	Electronic computing equipment (3573)
323-330	not used
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
333-339	not used
340-350	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341	Radio, T.V., and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
343-349	not used
350	Not specified electrical machinery, equipment, and supplies

<u>Code</u>	<u>Industry</u>
351-370	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
353-359	not used
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
363-369	not used
370	Cycles and miscellaneous transportation equipment (375, 379)
371-382	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
373-379	not used
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment
383-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries <u>1/</u>
393-399	not used
400-472	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	Transportation
400	Railroads (40)
401	Bus service and urban transit (41 except 412)
402	Taxicab service (412)
403-409	not used
410	Trucking service (421, 423)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
413-419	not used
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
423-431	not used
432	Services incidental to transportation (47)
433-439	not used
440-442	Communications
440	Radio and television broadcasting (483)
441	Telephone (wire and radio) (481)
442	Telegraph and miscellaneous communication services (482, 489)
443-459	not used
460-472	Utilities and sanitary services
460	Electric light and power (491)
461	Gas and steam supply systems (492, 496)
462	Electric and gas, and other combinations (493)
463-469	not used

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

<u>Code</u>	<u>Industry</u>
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities
473-499	not used
500-571	WHOLESALE TRADE
500-532	Durable Goods
500	Motor vehicles and equipment (501)
501	Furniture and home furnishings (502)
502	Lumber and construction materials (503)
503-509	not used
510	Sporting goods, toys, and hobby goods (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
513-520	not used
521	Hardware, plumbing and heating supplies (507)
522	Not specified electrical and hardware products
523-529	not used
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (5094, 5099)
533-539	not used
540-571	Nondurable Goods
540	Paper and paper products (511)
541	Drugs, chemicals, and allied products (512, 516)
542	Apparel, fabrics, and notions (513)
543-549	not used
550	Groceries and related products (514)
551	Farm products - raw materials (515)
552	Petroleum products (517)
553-559	not used
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
563-570	not used
571	Not specified wholesale trade
572-579	not used
580-691	RETAIL TRADE
580	Lumber and building material retailing (521, 523)
581	Hardware stores (525)
582	Retail nurseries and garden stores (526)
583-589	not used
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
593-599	not used
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)
602	Dairy products stores (545)
603-609	not used
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)

<u>Code</u>	<u>Industry</u>
612	Motor vehicle dealers (551, 552)
613-619	not used
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623-629	not used
630	Apparel and accessory stores, except shoe (56, except 566)
631	Shoe stores (566)
632	Furniture and home furnishings stores (571)
633-639	not used
640	Household appliances, TV, and radio stores (572, 573)
641	Eating and drinking places (58)
642	Drug stores (591)
643-649	not used
650	Liquor stores (592)
651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	Book and stationery stores (5942, 5943)
653-659	not used
660	Jewelry stores (5944)
661	Sewing, needlework, and piece goods stores (5949)
662	Mail order houses (5961)
663-669	not used
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel and ice dealers (598)
673-680	not used
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
683-690	not used
691	Not specified retail trade
692-699	not used
700-712	FINANCE, INSURANCE, AND REAL ESTATE
700	Banking (60)
701	Savings and loan associations (612)
702	Credit agencies, n.e.c. (61, except 612)
703-709	not used
710	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate, including real estate-insurance-law offices (65, 66)
713-720	not used
721-760	BUSINESS AND REPAIR SERVICES
721	Advertising (731)
722	Services to dwellings and other buildings (734)
723-729	not used
730	Commercial research, development, and testing labs (7391, 7397)
731	Personnel supply services (736)
732	Business management and consulting services (7392)
733-739	not used

<u>Code</u>	<u>Industry</u>
740	Computer and data processing services (737)
741	Detective and protective services (7393)
742	Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
743-749	not used
750	Automotive services, except repair (751, 752, 754)
751	Automotive repair shops (753)
752	Electrical repair shops (762, 7694)
753-759	not used
760	Miscellaneous repair services (763, 764, 7692, 7699)
PERSONAL SERVICES	
761-791	
761	Private households (88)
762	Hotels and motels (701)
763-769	not used
770	Lodging places, except hotels and motels (702, 703, 704)
771	Laundry, cleaning, and garment services (721)
772	Beauty shops (723)
773-779	not used
780	Barber shops (724)
781	Funeral service and crematories (726)
782	Shoe repair shops (725)
783-789	not used
790	Dressmaking shops (part 729)
791	Miscellaneous personal services (722, part 729)
792-799	not used
ENTERTAINMENT AND RECREATION SERVICES	
800-802	
800	Theaters and motion pictures (78, 792)
801	Bowling alleys, billiard and pool parlors (793)
802	Miscellaneous entertainment and recreation services (791, 794, 799)
803-811	not used
PROFESSIONAL AND RELATED SERVICES	
812-892	
812	Offices of physicians (801, 803)
813-819	not used
820	Offices of dentists (802)
821	Offices of chiropractors (8041)
822	Offices of optometrists (8042)
823-829	not used
830	Offices of health practitioners, n.e.c. (8049)
831	Hospitals (806)
832	Nursing and personal care facilities (805)
833-839	not used
840	Health services, n.e.c. (807, 808, 809)
841	Legal services (81)
842	Elementary and secondary schools (821)
843-849	not used
850	Colleges and universities (822)
851	Business, trade, and vocational schools (824)
852	Libraries (823)
853-859	not used
860	Educational services, n.e.c. (829)

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

Attachment 13

OCCUPATIONAL CLASSIFICATION CODES FOR DETAILED OCCUPATIONAL CATEGORIES

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

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

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

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

<u>Code</u>	<u>Occupation</u>
163	Counselors, educational and vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)
174-177	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
178-179	Lawyers and Judges
178	Lawyers (211)
179	Judges (212)
180-182	not used
183-199	Writers, Artists, Entertainers, and Athletes
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist print-makers (325)
189	Photographers (326)
190-192	not used
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
196	not used
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)
200-202	not used
203-389	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-235	Technicians and Related Support Occupations
203-208	Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health Technologists and technicians, n.e.c. (369)

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

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

<u>Code</u>	<u>Occupation</u>
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
345-347	Duplicating, Mail and Other Office Machine Operators
345	Duplicating machine operators (4722)
346	Mail preparing and paper handling machine operators (4723)
347	Office machine operators, n.e.c. (4729)
348-353	Communications Equipment Operators
348	Telephone operators (4732)
349	Telegraphers (4733)
350-352	not used
353	Communications equipment operators, n.e.c. (4739)
354-357	Mail and Message Distributing Occupations
354	Postal clerks, exc. mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, exc. postal service (4744)
357	Messengers (4745)
358	not used
359-374	Material Recording, Scheduling, and Distributing Clerks, n.e.c.
359	Dispatchers (4751)
360-362	not used
363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
367	not used
368	Weighers, measurers, and checkers (4756)
369	Samplers (4757)
370-372	not used
373	Expeditors (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used

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

<u>Code</u>	<u>Occupation</u>
456-469	Personal Service Occupations
456	Supervisors, personal service occupations (5251)
457	Barbers (5252)
458	Hairdressers and cosmetologists (5253)
459	Attendants, amusement and recreation facilities (5254)
460-462	not used
463	Guides (5255)
464	Ushers (5256)
465	Public transportation attendants (5257)
466	Baggage porters and bellhops (5262)
467	Welfare service aides (5263)
468	Child care workers, except private household (5264)
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
473-499	FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-476	Farm Operators and Managers
473	Farmers, except horticultural (5512-5514)
474	Horticultural specialty farmers (5515)
475	Managers, farms, except horticultural (5522-5524)-
476	Managers, horticultural specialty farms (5525)
477-489	Other Agricultural and Related Occupations
477-484	Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
478	not used
479	Farm workers (5612-5617)
480-482	not used
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
485-489	Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)
490-493	not used
494-496	Forestry and Logging Occupations
494	Supervisors, forestry and logging workers (571)
495	Forestry workers, except logging (572)
496	Timber cutting and logging occupations (573, 579)
497-499	Fishers, Hunters, and Trappers
497	Captains and other officers, fishing vessels (pt 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used

<u>Code</u>	<u>Occupation</u>
503-699	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-549	Mechanics and Repairers
503	Supervisors, mechanics and repairers (60)
504	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505	Automobile mechanics (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine mechanics (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, exc. engine (6116)
516	Heavy equipment mechanics (6117)
517	Farm equipment mechanics (6118)
518	Industrial machinery repairers (613)
519	Machinery maintenance occupations (614)
520-522	not used
523-533	Electrical and Electronic Equipment Repairers
523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
524	not used
525	Data processing equipment repairers (6154)
526	Household appliance and power tool repairers (6156)
527	Telephone line installers and repairers (6157)
528	not used
529	Telephone installers and repairers (6158)
530-532	not used
533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534	Heating, air conditioning, and refrigeration mechanics (616)
535-549	Miscellaneous Mechanics and Repairers
535	Camera, watch, and musical instrument repairers (6171, 6172)
536	Locksmiths and safe repairers (6173)
537	not used
538	Office machine repairers (6174)
539	Mechanical controls and valve repairers (6175)
540-542	not used
543	Elevator installers and repairers (6176)
544	Millwrights (6178)
545-546	not used
547	Specified mechanics and repairers, n.e.c. (6177, 6179)
548	not used
549	Not specified mechanics and repairers
550-552	not used
553-599	Construction Trades
553-558	Supervisors, construction occupations
553	Supervisors; brickmasons, stonemasons, and tile setters (6312)
554	Supervisors, carpenters and related workers (6313)
555	Supervisors, electricians and power transmission installers (6134)
556	Supervisors; painters, paperhangers, and plasterers (6315)

<u>Code</u>	<u>Occupation</u>
557	Supervisors; plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, n.e.c. (6311, 6318)
559-562	not used
563-599	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (6414, pt 6462)
566	Carpet installers (pt 6462)
567	Carpenters (pt 6422)
568	not used
569	Carpenter apprentices (pt 6422)
570-572	not used
573	Drywall installers (6424)
574	not used
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
580-582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
590-592	not used
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)
600-612	not used
613-617	Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)
618-632	not used
633-699	Precision Production Occupations
633	Supervisors, production occupations (67, 71)
634-635	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)

<u>Code</u>	<u>Occupation</u>
638	not used
639	Machinist apprentices (pt 6813)
640-642	not used
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Pattermakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (jewelers) (6822, 6866)
648	not used
649	Engravers, metal (6823)
650-652	not used
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
656	Pattermakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used
666-674	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)
667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-672	not used
673	Apparel and fabric pattermakers (6856)
674	Miscellaneous precision apparel and fabric workers (6859, pt 7752)
675-684	Precision Workers, Assorted Materials
675	Hand molders and shapers, except jewelers (6861)
676	Pattermakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, pt 7477, pt 7677)
678	Dental laboratory and medical appliance technicians (6865)
679	Bookbinders (6844)
680-682	not used
683	Electrical and electronic equipment assemblers (6867)
684	Miscellaneous precision workers, n.e.c. (6869)
685	not used
686-688	Precision Food Production Occupations
686	Butchers and meat cutters (6871)
687	Bakers (6872)
688	Food batchmakers (6873, 6879)
689-693	Precision Inspectors, Testers, and Related Workers
689	Inspectors, testers, and graders (6881, 828)
690-692	not used
693	Adjusters and calibrators (6882)
694-699	Plant and System Operators
694	Water and sewage treatment plant operators (691)
695	Power plant operators (pt 693)
696	Stationary engineers (pt 693, 7668)
697-698	not used
699	Miscellaneous plant and system operators (692, 694, 695, 696)
700-702	not used

<u>Code</u>	<u>Occupation</u>
703-889	OPERATORS, FABRICATORS, AND LABORERS
703-799	Machine Operators, Assemblers, and Inspectors
703-779	Machine Operators and Tenders, except Precision
703-715	Metalworking and Plastic Working Machine Operators
703	Lathe and turning machine set-up operators (7312)
704	Lathe and turning machine operators (7512)
705	Milling and planing machine operators (7313, 7513)
706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	Rolling machine operators (7316, 7516)
708	Drilling and boring machine operators (7318, 7518)
709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
710-712	not used
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
716	not used
717	Fabricating machine operators, n.e.c. (7339, 7539)
718	not used
719-725	Metal and Plastic Processing Machine Operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
720-722	not used
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)
726-733	Woodworking Machine Operators
726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nail and tacking machine operators (7636)
730-732	not used
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
734-737	Printing Machine Operators
734	Printing machine operators (7443, 7643)
735	Photoengravers and lithographers (6842, 7444, 7644)
736	Typesetters and compositors (6841, 7642)
737	Miscellaneous printing machine operators (6849, 7449, 7649)
738-749	Textile, Apparel, and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	not used
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657)

<u>Code</u>	<u>Occupation</u>
748	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)
750-752	not used
753-779	Machine Operators, Assorted Materials
753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7462, 7662)
755	Extruding and forming machine operators (7463, 7663)
756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758	Compressing and compacting machine operators (7467, 7667)
759	Painting and paint spraying machine operators (7669)
760-762	not used
763	Roasting and baking machine operators, food (7472, 7672)
764	Washing, cleaning, and pickling machine operators (7673)
765	Folding machine operators (7474, 7674)
766	Furnace, kiln, and oven operators, exc. food (7675)
767	not used
768	Crushing and grinding machine operators (pt 7477, pt 7677)
769	Slicing and cutting machine operators (7478, 7678)
770-772	not used
773	Motion picture projectionists (pt 7479)
774	Photographic process machine operators (6863, 6868, 7671)
775-776	not used
777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
778	not used
779	Machine operators, not specified
780-782	not used
783-795	Fabricators, Assemblers, and Hand Working Occupations
783	Welders and cutters (7332, 7532, 7714)
784	Solderers and brazers (7333, 7533, 7717)
785	Assemblers (772, 774)
786	Hand cutting and trimming occupations (7753)
787	Hand molding, casting, and forming occupations (7754, 7755)
788	not used
789	Hand painting, coating, and decorating occupations (7756)
790-792	not used
793	Hand engraving and printing occupations (7757)
794	Hand grinding and polishing occupations (7758)
795	Miscellaneous hand working occupations (7759)
796-799	Production Inspectors, Testers, Samplers, and Weighers
796	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783)
798	Production samplers and weighers (784)
799	Graders and sorters, exc. agricultural (785)
800-802	not used
803-859	Transportation and Material Moving Occupations
803-814	Motor Vehicle Operators
803	Supervisors, motor vehicle operators (8111)
804	Truck drivers, heavy (8212, 8213)
805	Truck drivers, light (8214)

<u>Code</u>	<u>Occupation</u>
806	Driver-sales workers (8218)
807	not used
808	Bus drivers (8215)
809	Taxicab drivers and chauffeurs (8216)
810-812	not used
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)
815-822	not used
823-834	Transportation Occupations, Except Motor Vehicles
823-826	Rail Transportation Occupations
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
827	not used
828-834	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
830-832	not used
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
835-842	not used
843-859	Material Moving Equipment Operators
843	Supervisors, material moving equipment operators (812)
844	Operating engineers (8312)
845	Longshore equipment operators (8313)
846-847	not used
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
850-852	not used
853	Excavating and loading machine operators (8316)
854	not used
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
857-858	not used
859	Miscellaneous material moving equipment operators (8319)
860-862	not used
863-889	Handlers, Equipment Cleaners, Helpers, and Laborers
863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
864	Helpers, mechanics and repairers (863)
865-867	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
868	not used
869	Construction laborers (871)
870-872	not used
873	Production helpers (861, 862)
874	not used

875-883	Freight, Stock, and Material Handlers
875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)
878	Machine feeders and offbearers (8725)
879-882	not used
883	Freight, stock, and material handlers, n.e.c. (8726)
884	not used
885	Garage and service station related occupation (873)
886	not used
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
890-904	not used
905	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces.

Attachment 14

STANDARD FEDERAL REGION RECODES

Federal Region Code	States (listed by codes from WD4:1-2) within Region Specified
Region I - New England (code 01)	38, 49, 42, 10, 24, 39,
Region II - N.Y. N.J. (code 02)	02, 08
Region III - Mid Atlantic (code 03)	03, 47, 34, 18, 14, 41
Region IV - Southeast (code 04)	23, 17, 12, 26, 29, 21, 15, 09
Region V - North Central Lake States (code 05)	19, 16, 07, 05, 11, 06
Region VI - Southwest (code 06)	37, 04, 27, 32, 20
Region VII - Mid U.S.A. (code 07)	35, 28, 25, 13
Region VIII - Mountain (code 08)	44, 50, 36, 30, 46, 45
Region IX - Lower Pacific Coast (code 09)	01, 48, 33, 40
Region X - Northwest Pacific Coast (code 10)	22, 31, 43, 51

Code values from WD4:1-2	1970 Ranking	States	1970 Ranking
California	01	Indiana	11
New York	02	North Carolina	12
Pennsylvania	03	Missouri	13
Texas	04	Virginia	14
Illinois	05	Georgia	15
Ohio	06	Wisconsin	16
Michigan	07	Tennessee	17
New Jersey	08	Maryland	18
Florida	09	Minnesota	19
Massachusetts	10	Louisiana	20
		Alabama	21
		Washington	22
		Kentucky	23
		Connecticut	24
		Iowa	25
		South Carolina	26
		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

Attachment 15

UNWEIGHTED AND WEIGHTED COUNTS

TOTAL INTERVIEWS (CIVILIAN ONLY)	UNWEIGHTED	WEIGHTED (1000'S)
WHITE		
MALE		
<14	13211	20366
14+	48013	78213
FEMALE		
<14	12504	19332
14+	53327	84717
BLACK		
MALE		
<14	2208	3839
14+	4954	9733
FEMALE		
<14	2126	3728
14+	6617	11837
OTHER		
MALE		
<14	686	999
14+	1828	2755
FEMALE		
<14	714	976
14+	2024	3072
TOTAL RECORDS		
	UNWEIGHTED	WEIGHTED (1000'S)
TOT RECORDS	163325	239567
INTERVIEWS	148212	239567
<14	31449	49241
14+	116763	190327
ARMED FORCES	621	791
TYPE A	2766	0
TYPE B/C	11726	0

Attachment 17

SOURCE AND RELIABILITY OF THE ESTIMATES FOR
THE HIRED FARM WORKING FORCE: DECEMBER 1987

Source of Data

The estimates in this report are based on data obtained in December 1987 from the Current Population Survey (CPS) conducted by the Bureau of the Census. The monthly CPS deals mainly with labor force data for the civilian noninstitutional population. Questions relating to labor force participation are asked about each member 14 years old and over in each sample household. In December 1987, additional questions were asked of persons 14 years of age or older who performed farmwork for wage or salary, migratory status, hired nonfarm work and wages, principal employment status in 1987, residence, and other matters. Not included were persons performing hired farmwork during 1987 but who died, entered the Armed Forces, or were no longer in the civilian noninstitutional population for other reasons. Also, foreign nationals who did hired farmwork in this country and returned to their homes before the data collection were not included.

Current Population Survey (CPS). The present CPS sample was selected from the 1980 census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to reflect new construction. The current CPS sample is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions in the nation. In this sample, approximately 59,500 occupied households were eligible for interview. Of this number, about 2,500 occupied units were visited but interviews were not obtained because the occupants were not found at home.

The following table provides a description of some aspects of the CPS sample designs in use during the referenced data collection periods.

Description of the December Current Population Survey

Time Period	Number of Sample Areas	Housing Units Eligible	
		Interviewed	Not Interviewed
1985 - 1987	729	57,000	2,500
1984	629	59,000	2,500
1980 - 1983	629	65,500	3,000
1978 - 1979	614	55,000	3,000
1973 - 1977	461	46,500	2,500
1972	449	45,000	2,000
1967 - 1971	449	48,000	2,000
1963 - 1966	357	33,500	1,500
1960 - 1962 ²	333	33,500	1,000

1. These areas were chosen to provide coverage in each state and the District of Columbia.
2. Three samples were added in 1960 to represent Alaska and Hawaii after statehood.

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

Reliability of the Estimates

Since the CPS estimates were based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. The accuracy of a survey result depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates. The standard errors provided for the CPS estimates primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in responses and enumeration, but do not measure any systematic biases in the data. (Bias is the difference averaged over all possible samples, between the estimate and the desired value.)

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

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the 1980 Decennial Census is about 7 percent. It is known that CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. Ratio estimation to independent age-sex-race-Hispanic population controls, as described previously, partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-Hispanic group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to Statistical Policy Working Paper 3, An Error Profile: Employment as Measured by the Current Population Survey, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978 and Technical Paper 40, The Current Population Survey: Design and Methodology, Bureau of the Census, U.S. Department of Commerce.

Sampling Variability. The standard errors given in the following tables are primarily measures of sampling variability, that is, of the variations that occurred by chance because a sample rather than the entire population was surveyed. The sample estimate and its standard error enable one to construct confidence intervals, ranges that would include the average results of all possible samples with a known probability. For example, if all possible samples were selected, each of these being surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

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

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis appearing in this report is that the population parameters are different. An example of this would be comparing the number of hired migrant farmworkers in 1985 versus the number of hired migrant farmworkers in 1983. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

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

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

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

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

The figures presented in appendix Tables A-1 through A-5 provide approximations of standard errors of various estimates shown in this report for data on total, White or Black and other hired farmworkers. To obtain standard errors for workers of Hispanic origin, multiply the standard errors in Tables A-1 through A-5 by 1.4.

Standard Errors of Estimated Numbers. Table A-1 shows standard errors for estimated numbers of hired farmworkers. Linear interpolation may be used to obtain standard errors for intermediate values not shown in the tables.

Alternatively, standard errors can be calculated using the following formula which was used to compute the tabular standard errors. Direct computation will give more accurate results than linear interpolation.

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

Here x is the actual size of the estimate (not rounded to thousands); a is 0.000489; b is 4,859; and f is 1.0 for total, White or Black and other races, and 1.4 for persons of Hispanic origin.

Illustration of the Computation of the Standard Error of an Estimated Number. Suppose the data showed that there were 2,522,000 persons who performed hired farmwork in 1987. Table A-1 shows by interpolation the standard error on an estimate of this size to be approximately 124,000.¹

Using the 124,000 estimate of standard error, the 90-percent confidence interval as shown by the data is from 2,324,000 to 2,720,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

1. Formula (1) for this example with $a = 0.000489$ and $b = 4,859$ also gives a standard error of approximately 124,000.

$$124,000 = 1.0 \sqrt{0.000489(2,522,000)^2 + 4,859(2,522,000)}$$

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which this percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator. Linear interpolation in these tables may be used to obtain standard errors for intermediate values of x and p , or the following formula from which the tabulated standard errors, $s_{(x,p)}$, are computed, can be used directly. Direct computation will give more accurate results than linear interpolation.

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

Here x is the size of the subclass of the population which is the base of the percentage; p is the percentage ($0 < p < 100$); b is 4,859; and f is 1.0 for total, Black or White persons and 1.4 for persons of Hispanic origin.

Illustration of the Computation of the Standard Error of an Estimated Percentage. Suppose that the data showed that of the 2,522,000 persons who performed hired farmwork, 943,000 persons or 37.4 percent worked less than 25 days. Using formula (2), the approximate standard error on 37.4 percent is

$$1.0 \sqrt{\frac{4,859}{2,522,000} (37.4)(100-37.4)} = 2.1 \text{ percent}^2$$

This means that the 90-percent confidence interval for the percentage of hired farmworkers who worked less than 25 days is from 34.0 percent to 40.8 percent (i.e., 37.4 ± 1.6 (2.1)).

Standard Errors of Estimated Averages. Averages are subject to large sampling variability since the sample estimate of an average is affected by extreme values. Table A-3 shows standard errors of average number of days of farm wagework. Table A-4 shows standard errors of average annual earnings from farm wagework. Table A-5 shows standard errors of average daily earnings from farm wagework. Linear interpolation in these tables may be used to obtain standard errors for intermediate values not shown.

2. Using Table A-2, the approximate standard error is also 2.1 percent.

Illustration of the Standard Error of an Estimated Average. Suppose that the data showed that there were 135,400 farmworkers whose average yearly earnings from farm work were \$2,795. Using Table A-4 and linear interpolation, the standard error is computed as follows. First, interpolate between 100,000 and 200,000 workers with earnings of \$2,000 to get a standard error of \$265 for 135,400 workers:

$$288 - \frac{135,400 - 100,000}{200,000 - 100,000} (288 - 223) = 265$$

Next, interpolate between 100,000 and 200,000 workers with earnings of \$3,000 to get a standard error of \$358 for 135,400 workers:

$$390 - \frac{135,400 - 100,000}{200,000 - 100,000} (390 - 301) = 358$$

Finally, interpolate between earnings of \$2,000 and \$3,000 for 135,400 workers to get a standard error of \$339 for 135,400 workers earning an average of \$2,795:

$$265 + \frac{2,795 - 2,000}{3,000 - 2,000} (358 - 265) = 339 = s_{(x,y)}$$

We can conclude with 90-percent confidence that the average yearly earnings for 135,400 farmworkers is from \$2,253 to \$3,337 (i.e., \$2,795 \pm 1.6(339)).

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

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

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

Illustration of the Computation of the Standard Error of a Difference. Suppose that, in the South, there were 1,500,000 hired farmworkers and that 35.0 percent worked less than 25 days. Using

Table A-2 and the factor for the South region, the standard error on 35.0 percent is $2.4 \times 0.98 = 2.4$ percent. Suppose also, in the North and West combined, there were 1,100,000 hired farmworkers of which 20.0 percent worked less than 25 days. The standard error on 20.0 percent is $2.4 \times 0.96 = 2.3$ percent. The apparent difference between the hired farmworkers who lived in the South and in the combined North and West regions who worked less than 25 days is 15.0 percent. Using formula (3), the standard error of the estimated difference of 15.0 percent is about

$$\sqrt{(2.4)^2 + (2.3)^2} = 3.3 \text{ percent}$$

This means the 90-percent confidence interval for the difference between the percent of hired farmworkers who lived in the South and in the combined North and West regions who worked less than 25 days is from 9.7 to 20.3 percent.

Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples. Since this interval does not contain zero, we can conclude with 90-percent confidence that the percent of hired farmworkers in the South working less than 25 days is greater than the percent of hired farmworkers working less than 25 days in the North and West combined.

Table A-1 Standard Error for Estimated Numbers of Hired Farmworkers (Numbers in thousands)

Size of Estimate	Standard Error
10	7
25	11
50	16
100	22
250	35
500	51
1,000	73
2,500	123
3,000	138

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.4.

To obtain estimates of standard error for regional data, apply the following factors to the above standard errors:
 Northeast 0.99, Midwest 1.02, South 0.98,
 West 0.84 and North and West combined 0.96.

Table A-2 Standard Errors for Estimated Percentages
of Hired Farmworkers

Base of Percentage (thousands)	Estimated Percentages							
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	25 or 75	35 or 65	50
25	4.4	6.2	9.6	13.2	15.7	19.1	21.0	22.0
50	3.1	4.4	6.8	9.4	11.1	13.5	14.9	15.6
75	2.5	3.6	5.6	7.6	9.1	11.0	12.1	12.7
100	2.2	3.1	4.8	6.6	7.9	9.5	10.5	11.0
250	1.4	2.0	3.0	4.2	5.0	6.0	6.7	7.0
500	1.0	1.4	2.2	3.0	3.5	4.3	4.7	4.9
750	0.8	1.1	1.8	2.4	2.9	3.5	3.8	4.0
1,000	0.7	1.0	1.5	2.1	2.5	3.0	3.3	3.5
2,500	0.4	0.6	1.0	1.3	1.6	1.9	2.1	2.2
3,000	0.4	0.6	0.9	1.2	1.4	1.7	1.9	2.0

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.4.

To obtain estimates of standard errors for regional data, apply the following factors to the above standard errors: Northeast 0.99, Midwest 1.02, South 0.98 West 0.84 and North and West combined 0.96.

Table A-3 Standard Errors of Average Number of Days

Base of Average Number of Farm Wage Workers (thousands)	Average Number of Days of Farm Wage Work Per Year Per Person									
	10	25	50	75	100	125	150	200	250	300
50	4.5	7.5	11.1	14.1	17.1	19.8	22.4	27.6	32.5	37.5
100	3.3	5.3	8.0	10.3	12.4	14.6	16.6	20.6	24.4	28.2
200	2.4	3.8	5.9	7.7	9.4	11.1	12.7	15.9	19.1	22.3
250	2.0	3.5	5.3	7.0	8.7	10.2	11.8	14.8	17.9	20.8
500	1.5	2.6	4.2	5.5	6.9	8.2	9.6	12.3	15.0	17.7
750	1.2	2.3	3.6	4.9	6.2	7.6	8.8	11.4	13.9	16.5
1,000	1.1	2.0	3.4	4.6	5.9	7.1	8.4	10.8	13.4	15.9
2,500	0.8	1.6	2.8	4.0	5.2	6.3	7.6	9.9	12.3	14.7
3,000	0.8	1.5	2.7	3.8	5.1	6.2	7.5	9.8	12.2	14.6

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.4.

To obtain estimates of standard errors for regional data, apply the following factors to the above standard errors: Northeast 0.99, Midwest 1.02, South 0.98 West 0.84 and North and West combined 0.96.

Table A-4 Standard Errors of Average Annual Earnings
From Farm Wage Work

Base of Average Number of Farm Wage Workers (thousands)	Average Earnings From Farm Wage Work Per Year Per Person											
	100	250	500	750	1,000	2,000	3,000	4,000	5,000	6,000	7,000	9,000
50	15	38	78	158	216	400	539	672	803	932	1,062	1,374
100	11	29	60	114	156	288	390	484	577	670	764	988
200	9	24	49	88	121	223	301	344	428	497	565	731
250	8	21	43	76	103	190	257	320	383	445	507	679
500	7	17	36	62	86	160	211	260	307	355	402	520
750	7	17	36	58	79	144	189	232	268	310	350	453
1,000	6	16	35	53	71	125	165	203	241	279	318	409
2,500	5	12	26	41	54	96	128	160	191	223	253	327
3,000	5	12	25	40	51	92	122	154	184	214	244	314

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.4.

To obtain estimates of standard errors for regional data, apply the following factors to the above standard errors: Northeast 0.99, Midwest 1.02, South 0.98, West 0.84 and North and West combined 0.96.

Table A-5 Standard Errors of Average Daily Earnings
From Farm Wage Work

Average Earnings From Farm Wage Work Per Day Per Person	Base of Average Number of Farm Wage Workers (000)							
	50	100	250	500	750	1,000	2,500	3,000
\$ 5.00	0.68	0.47	0.31	0.21	0.19	0.16	0.10	0.09
7.00	1.28	0.92	0.58	0.41	0.35	0.29	0.19	0.17
9.00	1.65	1.18	0.75	0.56	0.47	0.40	0.26	0.23
11.00	1.72	1.22	0.77	0.60	0.54	0.49	0.32	0.28
13.00	1.74	1.23	0.78	0.62	0.58	0.53	0.35	0.31
15.00	1.77	1.25	0.80	0.63	0.60	0.56	0.37	0.33
17.00	1.80	1.28	0.82	0.64	0.62	0.59	0.38	0.34
19.00	1.82	1.30	0.85	0.67	0.63	0.60	0.40	0.35
21.00	1.83	1.31	0.86	0.68	0.64	0.61	0.41	0.35
25.00	1.86	1.33	0.88	0.69	0.67	0.62	0.42	0.36
27.00	1.89	1.34	0.90	0.70	0.68	0.63	0.43	0.36
30.00	1.90	1.36	0.92	0.71	0.69	0.64	0.44	0.37

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.4.

To obtain estimates of standard errors for regional data, apply the following factors to the above standard errors: Northeast 0.99, Midwest 1.02, South 0.98, West 0.84 and North and West combined 0.96.

DECEMBER 1967 U.S. Department of Commerce BUREAU OF THE CENSUS 		1. INTERVIEWER CHECK ITEM Only CPS-1 for household : 1 (Fill all applicable items on this page) First CPS-1 of continuation h'hd. : 1 (Transcribe items 1-13 from first CPS-1) Second CPS-1 of continuation h'hd. : 1 Third, fourth, etc. CPS-1 : 1		2. SAMPLE A C		3. CONTROL NUMBER																															
CURRENT POPULATION SURVEY FORM CPS-1		4. TYPE OF LIVING QUARTERS <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> HOUSING UNIT House, apartment, flat HU in nontransient hotel, motel, etc. HU, permanent, in transient hotel, motel, etc. HU in rooming house Mobile home or trailer with no permanent room added. Mobile home or trailer with one or more permanent rooms added. HU not specified above (Describe below) </div> <div style="width: 45%;"> OTHER UNIT Quarters not HU in rooming or boarding house Unit not permanent in transient hotel, motel, etc. Tent site or trailer site Student quarters in college dormitory Other not HU (Describe below) </div> </div>		5a. LAND USAGE Urban : Rural (Fill 5b) : 7		5b. FARM SALES \$1000 or more (Yes) : Less than \$1000 (No) :																															
10. INTERVIEWER CODE A B C D E F G H J K L M		6. PSU NO.		7. SEGMENT NO.		8. SERIAL NO.																															
11. DAY COMPLETED S M T W T H F S After interview week		12. LINE NO. OF H'HD RESP. Non. h'hd. resp. (Specify) : (Send Inter Comm Interviewed Households Only)																																			
13. TYPE INTERVIEW Noninterview : Personal : Tel. - regular : Tel. - callback : ICR filled :		14. (Mark reason and race.) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>REASON</th> <th>RACE</th> </tr> <tr> <td>No one home</td> <td>White</td> </tr> <tr> <td>Temporarily absent</td> <td>Black</td> </tr> <tr> <td>Refused</td> <td>All other</td> </tr> <tr> <td>Other - Occ. (Describe below)</td> <td></td> </tr> </table>		REASON	RACE	No one home	White	Temporarily absent	Black	Refused	All other	Other - Occ. (Describe below)		15. NONINTERVIEW <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>TYPE B</th> <th>TYPE C (Send Inter Comm)</th> </tr> <tr> <td>Vacant - regular</td> <td>Demolished</td> </tr> <tr> <td>Vacant - storage of h'hd furniture</td> <td>House or trailer moved</td> </tr> <tr> <td>Temp. occ. by persons with URE</td> <td>Outside segment</td> </tr> <tr> <td>Unfit or to be demolished</td> <td>Converted to permanent business or storage</td> </tr> <tr> <td>Under construction, not ready to trans. business or storage</td> <td>Merged</td> </tr> <tr> <td>Occ. by Armed Force members or persons under 14</td> <td>Condemned</td> </tr> <tr> <td>Unoccupied tent site or trailer site Permit granted, construction not started</td> <td>Built after April 1, 1960</td> </tr> <tr> <td>Other (Specify below)</td> <td>Unused line of listing sheet</td> </tr> <tr> <td></td> <td>Other (Describe below)</td> </tr> </table>		TYPE B	TYPE C (Send Inter Comm)	Vacant - regular	Demolished	Vacant - storage of h'hd furniture	House or trailer moved	Temp. occ. by persons with URE	Outside segment	Unfit or to be demolished	Converted to permanent business or storage	Under construction, not ready to trans. business or storage	Merged	Occ. by Armed Force members or persons under 14	Condemned	Unoccupied tent site or trailer site Permit granted, construction not started	Built after April 1, 1960	Other (Specify below)	Unused line of listing sheet		Other (Describe below)	16. This unit is intended for occupan Year round : (Fill H) KU in By migratory workers : (Fill I) below Seasonally : (Fill J) in IIC	
REASON	RACE																																				
No one home	White																																				
Temporarily absent	Black																																				
Refused	All other																																				
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Unoccupied tent site or trailer site Permit granted, construction not started	Built after April 1, 1960																																				
Other (Specify below)	Unused line of listing sheet																																				
	Other (Describe below)																																				
13a. INTERVIEWER CHECK ITEM Telephone Hold (Fill circle for office "telephone hold" cases only)		17. This unit is intended for occupan Summers only : (Trans as int: on ba) Concr Winters only : Other (Describe below) :																																			
TRANSCRIPTION ITEMS Fill on first CPS-1 of interviewed households.		SUPPLEMENT ITEMS:		NOTES:																																	
27a. TENURE (Transcribe from cc item 10) Owned or being bought : Rented : No cash rent :		REMINDER: COMPLETE THESE ITEMS AFTER COMPLETING ALL SUPPLEMENTS PAGES.																																			
27b. HOUSEHOLD STATUS CHANGE Is this a replacement household this month? Yes : No :		50a. CHECK ITEM Children in Household between ages 8-13? Yes : (Ash 50b) No : (End interview)																																			
28. TOTAL HOUSEHOLD INCOME (Transcribe from cc item 28) A 01 : E 05 : I 09 : M 13 : B 02 : F 06 : J 10 : N 14 : C 03 : G 07 : K 11 : REF 29 : D 04 : H 08 : L 12 :		50b. During 1967 did (Read names of children between 8-13) do any farmwork even for one day? Yes : (Ash 50c) No : (End interview)																																			
REMINDER Fill items 18A-18K on pages 2, 5, 7, 9, and 11.		50c. How many of these children did farmwork in 1967? : : : : : : : : : :																																			
		OFFICE USE ONLY		CODER NUMBER																																	
		REINTERVIEWER Program supervisor : Alternate : Supervisory field representative : Other :		A B C D E F G H J K L M O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9																																	

18. LINE NUMBER

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

Working Keeping house Going to school or something else?

Working (Ship to 20A) ... WK
 With a job but not at work ... J
 Looking for work ... LK
 Keeping house ... H
 Going to school ... S
 Unable to work (Ship to 24) ... U
 Retired ... R
 Other (Specify) ... OT

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

Yes No (Go to 21)

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

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

20B. INTERVIEWER CHECK ITEM

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

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

Yes What is the reason ... worked less than 35 hours LAST WEEK?
 No What is the reason ... USUALLY works less than 35 hours a week?
 (Mark the appropriate reason)

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

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

Yes How many hours did ... take off?
 No

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

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

Yes How many extra hours did ... work?
 No

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

21. (If 1 in 19, ship 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 (Ship to 22B and 22C)
 Temporary layoff (Under 30 days)
 Indefinite layoff (30 days or more or no def. recall date) (Ship to 22C)
 Other (Specify)

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

Yes
 No

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

Yes
 No

(Ship to 23 and enter job held last week)

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

Yes No (Go to 24)

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

Checked pub. employ. agency with-
 Pvt. employ. agency
 Employer directly
 Friends or relatives
 Placed or answered ads.
 Nothing (Ship to 24)
 Other (Specify in notes, e.g., TPA, union or prof. register, etc.)

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

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

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

2) How many weeks ago did ... start looking for work?
 3) How many weeks ago was ... laid off?

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

Full Part

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

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

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

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

23. INTERVIEWER CHECK ITEM

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

24. INTERVIEWER CHECK ITEM

(Reason number)

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

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

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

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

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

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

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

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

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

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

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

25. INTERVIEWER CHECK ITEM

(Reason number)

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

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

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

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

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

25E. On this job, is ... a member of a labor union or of an employee association as to a union?
 Yes (Ship to 26)
 No (Asst 25F)

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

26. INTERVIEWER CHECK ITEM

Entry (or NA) in item 20A
 Entry (or NA) in item 21B
 All other cases (Ship to 26)

27. DESCRIPTION OF JOB OR BUSINESS

27A. For whom did ... work? (Name of company, business, organization or other employer.)

27B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., firm.)

27C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)

27D. What were ...'s most important activities or duties at this job? (For example: types, keeps account books, files, sells cars, operates printing press, finishes concrete.)

27E. Was this person an employee of a PRIVATE Co., bus., or individual for wages, salary or comm.: P

A FEDERAL government employee F (Go to 23F)
 A STATE government employee S
 A LOCAL government employee L

Self-empl. in OWN bus., prof. practice, or farm SE
 Is the business incorporated? Yes No

Working WITHOUT PAY in fam. bus. or farm WP (Ship to 26)
 NEVER WORKED NEV

INDUSTRY

OFFICE
 SERVICE
 MANUFACTURING
 CONSTRUCTION
 TRANSPORTATION
 RETAIL
 WHOLESALE
 AGRICULTURE
 OTHER

OCCUPATION

Ref.
 Unc.

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON		18C. PAR'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male : 1 Female : 7	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIG					
	Ref. Person WITH rel. in H'hd. 01											18G2. VETERAN STATUS				
	Ref. person with NO rel. in H'hd. 02												Vietnam Era Korean War World War II World War I Other Service			
	Husband 03													Nonveteran		
	Wife 04														Yes No	
	Natural/Adopted Child 05															White Black Amer. Indian Aleut Eskimo Asian or Pacific Is. Other
	Step Child 06															
	Grandchild 07															
	Parent 08															
	Brother/Sister 09															
	Other Rel. of Ref. Person 10															
	Foster Child 11															
	Non-rel. of Ref. Person WITH OWN rel. in H'hd. 12															
	Partner/Roommate 13															
Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hd. 14																

26. INTERVIEWER CHECK ITEM
(Transcribe from control card item 18)
This person is 16-24 years of age : (Ask 26A)
All others : (Ship to 26C)

26A. (If 'School' in 19, Verify) LAST WEEK was ... attending or enrolled in a high school, college, or university? (Mark 'Yes' if currently on holiday or seasonal vacation. Mark 'No' for summer vacation.)
Yes (Verify) No (Ship to 26C)

High School : 1 (Ask 26B)
College or Univ. : 1

26B. Is ... enrolled in school as a full-time or part-time student?
Full time : 1 (Ask 26C)
Part time : 1

26C. INTERVIEWER CHECK ITEM
Who responded to the labor force items for this person?
Self : 1
Other : 7
Self/Other : 7

REMINDER:
ASK THE L. F. ITEMS FOR ALL N.H. MEMBERS BEFORE ASKING THE SUPPLEMENT
(Start supplement interview with item 30)

33. How much did ... earn in cash wages or salary from farm work during 1987?
25 (Enter dollars)

34. Some farm workers leave home and stay away at least overnight to harvest crops and do other farm work for cash wages. Did ... do this in 1987?
Yes : (Ask 35a-c)
No : (Ship to 36)

35. Did ... stay away at least overnight to do farm work in - (Fill each appropriate answer)
a. This county? Yes : No :
b. The State, but in a different county? Yes : No :
c. A different State? Yes : No :

36. What crop or livestock did ... work with the most on the farm where ... worked the greatest number of days for cash wages during 1987? (Fill one circle)
Grains : Fruits or tree nuts :
Cotton : Horticulture specialty :
Other : Beef cattle :
Tobacco : Dairy :
Other field crops : Other livestock :
Vegetables or melons : Other (Specify) :

30. During 1987, did ... do any work on a farm even for 1 day? Include farmwork done for cash wages or salary, operating a farm, or unpaid farm work?
Yes : (Go to 31) No : (Go to next 14+ person or check item on nhid page)

31. During 1987, did ... do any farm work for cash wages or salary, even for 1 day?
Yes : (Go to 32a) No : (Ship to 37)

32a. In 1987, did ... do any farm work for cash wages or salary even for one day during ... (Month)? (Ask for each month)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No	No	No	No	No	No	No	No

32b. On how many days did ... do farm work for cash wages during ... (Month)? (Read for each month marked "Yes" in 32a)	01	02	03	04	05	06	07	08	09	10	11	12
Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days

32c. How much did ... earn in cash wages doing farmwork during ... (Month)? (Read for each month marked "Yes" in 32a) (dollars only)	13	14	15	16	17	18	19	20	21	22	23	24
Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days

(ASK ITEM 33 AFTER COMPLETING ITEM 32C)

37. (Other than farm work done for cash wages or salary) did ... operate a farm which he/she owned, rented, or leased at any time during 1987?
Yes : (Ask 38)
No : (Ship to 41)

41. (Other than operating his/her own farm or farm work done for cash wages or salary) during 1987, did ... do any farm work without pay?
Yes : (Ask 42)
No : (Ship to 44)

45. During 1987 did ... do any nonfarm work for cash wages or salary?
Yes : (Ask 46)
No : (End questions)

38. How many days did ... actually work on the farm that ... operated during the year?
(Mark no. of days)

42. How many days did ... do farm work without pay during 1987?
(Mark no. of days)

46. On how many days did ... do nonfarm work for cash wages or salary?
(Mark no. of days)

48a. What kind of business or industry is this?

48c. What kind of work was ... do?

48d. What were ...'s most important activities or duties?

48e. Class of worker
Private : P
Gov't : G

49. How many days did ... work on ...'s longest nonfarm job in 1987?
(Mark no. of days)

39. What was the total gross value of sales from the farm which ... operated during 1987?
Less than \$1000 :
\$1,000-4,999 :
\$5,000-9,999 :
\$10,000-19,999 :
\$20,000-39,999 :
\$40,000-99,999 :
\$100,000-249,999 :
\$250,000+ :

43. What crop or livestock did ... work with the most on the farm where ... worked without pay for the greatest number of days in 1987? (Fill one circle)
Grains : Fruits or tree nuts :
Cotton : Horticulture specialty :
Tobacco : Beef cattle :
Other field crops : Dairy :
Vegetables or melons : Other livestock :
Other (Specify) :

47. How much did ... earn in cash wages or salary from nonfarm work during 1987?
\$ (Mark wages)

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IND	OCC
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

40. What product contributed most to the gross value of sales on the farm which ... operated? (Fill one circle)
Grains : Fruits or tree nuts :
Cotton : Horticulture specialty :
Tobacco : Beef cattle :
Other field crops : Dairy :
Vegetables or melons : Other livestock :
Other (Specify) :

44. What was ... doing most of 1987, working, keeping house, going to school, or something else? (Fill one circle)
Farm work for cash wages : Looking for work :
Operating a farm : Keeping house :
Unpaid farm work : Going to school :
Nonfarm work : Other :

48. What was ...'s longest nonfarm job for cash wages in 1987? (Compare with entry in item 23)
Same as item 23 : (Ship to item 49)
Different from item 23 : (for item 23 blank) (Specify in 48a-48c)
48a. For whom did ... work?

Attachment 19

APPENDIX 1—SPECIFIC METROPOLITAN IDENTIFIERS

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

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

N/C = No Code Required

Listings of the codes for these three variables follows.

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

CMSA/MSA RANK CODE	CMSA/MSA TITLE
001	New York-N. New Jersey-Long Island, NY-NJ-CT CMSA
002	Los Angeles-Anaheim-Riverside, CA CMSA
003	Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in sample)
004	Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA (Maryland portion suppressed)
005	San Francisco-Oakland-San Jose, CA CMSA
006	Detroit-Ann Arbor, MI CMSA
007	Boston-Lawrence-Salem, MA-NH CMSA
008	Houston-Galveston-Brazoria, TX CMSA
009	Washington, DC-MD-VA MSA
010	Dallas-Fort Worth, TX CMSA
011	Cleveland-Akron-Lorain, OH CMSA
012	Miami-Fort Lauderdale, FL CMSA
013	Pittsburgh-Beaver Valley, PA CMSA
014	St. Louis, MO-IL CMSA
015	Atlanta, GA MSA
016	Baltimore, MD MSA
017	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
018	Seattle-Tacoma, WA CMSA
019	San Diego, CA MSA
020	Tampa-St. Petersburg-Clearwater, FL MSA
021	Denver-Boulder, CO CMSA
022	Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not identified)
023	Phoenix, AZ MSA
024	Milwaukee-Racine, WI CMSA
025	Kansas City, MO-KS MSA
026	Portland-Vancouver, OR-WA CMSA
027	New Orleans, LA MSA
028	Columbus, OH MSA

029 Norfolk-Virginia Beach-Newport News, VA MSA
 030 Buffalo-Niagara Falls, NY CMSA
 031 Sacramento, CA MSA
 032 Indianapolis, IN MSA
 033 San Antonio, TX MSA
 034 Providence-Pawtucket-Fall River, RI-MA CMSA
 035 Charlotte-Gastonia-Rock Hill, NC-SC MSA
 036 Hartford-New Britain-Middletown, CT CMSA
 037 Salt Lake City-Ogden, UT MSA
 038 Rochester, NY MSA
 039 Oklahoma City, OK MSA
 040 Louisville, KY-IN MSA
 041 Dayton-Springfield, OH MSA
 042 Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
 043 Birmingham, AL MSA
 044 Nashville, TN MSA
 045 Greensboro-Winston-Salem-High Point, NC MSA
 046 Albany-Schenectady-Troy, NY MSA
 047 Honolulu, HI MSA
 048 Orlando, FL MSA
 049 Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and
 Colonial Heights, Hopewell, and Petersburg
 cities not in sample)

 050 Jacksonville, FL MSA
 051 Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
 052 Tulsa, OK MSA
 053 West Palm Beach-Boca Raton-Delray Beach, FL MSA
 054 Syracuse, NY MSA
 055 Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
 056 Austin, TX MSA
 057 Grand Rapids, MI MSA
 058 Toledo, OH MSA
 059 Omaha, NE-IA MSA (Iowa portion not identified)
 060 Raleigh-Durham, NC MSA
 061 Greenville-Spartanburg, SC MSA
 062 Knoxville, TN MSA
 063 Tucson, AZ MSA
 064 Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)

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

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

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

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

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

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

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

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

CMSA/MSA RANK CODE (W25:1-3)	PMSA RANK CODE (W25:4-5)	INDIVIDUAL CENTRAL CITY CITY CODE (W25:6)	CITY	
001	03	1	Newark, NJ	
		2	Elizabeth, NJ	
002	01	1	Los Angeles, CA	
		2	Long Beach, CA	
		3	Pasadena, CA	
		0	Others	
		02	1	Anaheim, CA
		2	Santa Ana, CA	
003	03	1	Riverside, CA	
		0	Others	
		01	1	Chicago, IL
		0	Others	
005	02	1	Gary, IN	
		0	Others	
		01	1	Oakland, CA
006	01	0	Others	
		1	Detroit, MI	
007	01	0	Others	
		1	Boston, MA	
010	01	0	Others	
		1	Dallas, TX	
		0	Others	
		02	1	Fort Worth, TX
012	02	2	Arlington, TX	
		1	Miami, FL	
		0	Others	
		1	Fort Lauderdale, FL	
		0	Others	

017	-	1	Minneapolis, MN
		0	Others
020	-	1	Tampa, FL
		0	Others
023	-	1	Phoenix, AZ
		2	Mesa, AZ
		0	Others
029	-	1	Norfolk, VA
		2	Virginia Beach, VA
		3	Newport News, VA
		4	Hampton, VA
		0	Others
045	-	1	Greensboro, NC
		0	Others
046	-	1	Albany, NY
		0	Others
060	-	1	Raleigh, NC
		0	Others
069	-	1	Springfield, MA
		0	Others

Attachment 20

APPENDIX 2—TOPCODING OF USUAL HOURLY EARNINGS

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly earnings does not exceed an annualized wage of \$100,000 (\$1923.07 per week). Below is a list of the appropriate topcodes.

Hours	Topcode	Hours	Topcode
1	None	50	\$38.46
2	None	51	\$37.70
3	None	52	\$36.98
4	None	53	\$36.29
5	None	54	\$35.61
6	None	55	\$34.96
7	None	56	\$34.34
8	None	57	\$33.73
9	None	58	\$33.15
10	None	59	\$32.59
11	None	60	\$32.05
12	None	61	\$31.52
13	None	62	\$31.01
14	None	63	\$30.52
15	None	64	\$30.04
16	None	65	\$29.58
17	None	66	\$29.13
18	None	67	\$28.70
19	None	68	\$28.28
20	\$96.15	69	\$27.87
21	\$91.57	70	\$27.47
22	\$87.41	71	\$27.08
23	\$83.61	72	\$26.70
24	\$80.12	73	\$26.34
25	\$76.92	74	\$25.98
26	\$73.96	75	\$25.64
27	\$71.22	76	\$25.30
28	\$68.68	77	\$24.97
29	\$66.31	78	\$24.65
30	\$64.10	79	\$24.34
31	\$62.03	80	\$24.03
32	\$60.09	81	\$23.74
33	\$58.27	82	\$23.45
34	\$56.56	83	\$23.16
35	\$54.94	84	\$22.89
36	\$53.41	85	\$22.62
37	\$51.97	86	\$22.36
38	\$50.60	87	\$22.10
39	\$49.30	88	\$21.85
40	\$48.07	89	\$21.60
41	\$46.90	90	\$21.36
42	\$45.78	91	\$21.13
43	\$44.72	92	\$20.90
44	\$43.70	93	\$20.67
45	\$42.73	94	\$20.45
46	\$41.80	95	\$20.24
47	\$40.91	96	\$20.03
48	\$40.06	97	\$19.82
49	\$39.24	98	\$19.62
		99	\$19.42