

CURRENT POPULATION SURVEY, OCTOBER 1984  
SCHOOL ENROLLMENT

## TECHNICAL DOCUMENTATION

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## NOTE

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

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

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



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

CURRENT POPULATION SURVEY, OCTOBER 1984  
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USER NOTE NO. 1

During the period April 1984 through June 1985, the Bureau of the Census is systematically introducing a new sample design for the Current Population Survey (CPS) based on the results of the 1980 Decennial Census. During this phase-in period, CPS estimates are being made from two distinct sample designs; i.e., the old 1970 sample design and the new 1980 design. While most CPS estimates have been unaffected by this mixed sample, metropolitan/nonmetropolitan estimates and certain other CPS geographic estimates have been affected.

The causes of this increase in variability of geographic estimates are differences in coverage between the two designs and the different metropolitan definitions used in the selection process of each sample design. The old design used April 1, 1970 metropolitan definitions in its sample selection while the selection of the new design used anticipated June 30, 1983 metropolitan definitions. This situation is exacerbated by the fact that the mix of the designs (that is, the percent of each design in sample) changes during the phase-in period as more new design households are introduced. Even though the data from the new design have been recoded to reflect the 1970 metropolitan definitions, the net result of the different definitions in combination with differences in coverage between the two designs is an increase in the variability of estimates using geographic data during this period. Due to this, the Bureau recommends that users exercise extreme caution when analyzing any tabulations or comparisons using the below listed variables during this phase-in period. Also note that files containing data collected after the CPS microdata files are revised to reflect the redesign will be coded to reflect the June 30, 1984 metropolitan definitions, thus precluding comparisons of such data with geographic data collected during or before the phase-in period.

<u>Variable</u>	<u>April 84-June 85 Non-Match Files Location</u>	<u>March 1985 Location</u>
Farm/Nonfarm	Word 8, Chars. 1-4	Character H-56
SMSA Rankings (44 Individual SMSA's)	Word 4, Chars. 3-4	Characters H-43-48
SMSA STATUS Code	Word 26, Char. 1	Character H-49
Central City Status Code	Word 26, Char. 2	Character H-50
SMSA Size	Word 26, Char. 4	Character H-51

See the May 1984 issue of the Bureau of Labor Statistics' issue of Employment and Earnings or call Donna Kostanich on (301) 763-2653 for further information regarding CPS sample redesign.

# Redesign of the Sample for the Current Population Survey

\*Kathleen P. Creighton and Robert Wilkinson

The Current Population Survey (CPS), sponsored by the Bureau of Labor Statistics and conducted by the Bureau of the Census, is a sample survey conducted monthly to obtain reliable estimates of labor force characteristics of the population of working age.

Since the inception of the CPS in 1940, the sample has been redesigned several times, most recently in the early 1970's, to upgrade the quality and reliability of the data and to meet changing data needs. Beginning in April 1984, the current design is being phased out through a series of changes that will be completed in July 1985. This article discusses the scope and nature of these changes and their impact upon the survey methodology and the estimates derived from the CPS.

There are three important reasons for redesigning the CPS at this time: (1) To make use of data from the 1980 census in order to update the sampling frame, as is done after every decennial census; (2) to take advantage of recent research findings to improve the efficiency and quality of the survey; and (3) to meet the increased need for State data. Improved estimation procedures will also be introduced as an adjunct to the redesign.

## New design objectives

The CPS is a monthly probability sample based on a stratified sampling scheme. In the first stage of sampling, primary sampling units (PSU's) are selected. These PSU's correspond to substate areas, usually counties or groups of counties, and are grouped into clusters called strata. Within each stratum, a single PSU is chosen for the sample, with probability proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

At the time it was put into place, the current (1970) design was intended to provide reliable national estimates of labor force characteristics. Strata were defined within four regions of the United States, with many strata crossing State boundaries. Beginning in the mid-1970's, more accurate estimates of State labor force

data were needed. Because the national design was unable to provide these estimates at the desired level of reliability for all States, additional sample areas were selected to achieve this goal. Although the resulting sample design was an efficient solution to a short-term problem, it was not the best design for producing both State and national estimates.

The redesign provides the first opportunity to increase efficiency for State data. The first step, as recommended by the National Commission on Employment and Unemployment Statistics,<sup>1</sup> is to introduce a "State-based" design. All strata are defined within State boundaries, and the sample is allocated among the States to produce State and national estimates with the required reliability while keeping total sample size to a minimum. Improved reliability of State data will be achieved with about the same sample size as in the 1970 design. A byproduct of the increased reliability for State estimates will be gains in accuracy for data on persons of Hispanic origin as well.

Specific goals for the new design include:

1. Maintaining the same reliability as the 1970 design on national monthly estimates of levels and changes for the labor force by major characteristics,
2. Reducing the coefficient of variation (CV) for annual State estimates of the total number of unemployed persons to 8 percent, at a 6-percent unemployment rate, and
3. Reducing the CV for monthly State estimates of the total number of unemployed persons in the 11 largest States (California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas) to 8 percent, assuming a 6-percent unemployment rate.

In addition to meeting the changing survey objectives, the new design uses the 1980 decennial census as the main sampling frame. This use of more recent information in forming and selecting the new PSU's improves the efficiency of the design.

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<sup>1</sup> National Commission on Employment and Unemployment Statistics, *Counting the Labor Force* (Washington, D.C., U.S. Government Printing Office, Labor Day 1979). pp. 128-29.

The efficiency and quality of the new design will also be enhanced by incorporating the findings of research conducted since the 1970 design was implemented. For example, improved procedures were used in stratifying the sample.<sup>2</sup>

Finally, improved estimation procedures will be introduced into the CPS in January 1985. Although incidental to the redesign process, these changes will increase the reliability of estimates obtained when the new design is in place.

### Phase-in of the new design

The phase-in of the new design will take place in two waves. The first will involve "continuing" areas, those selected in both the old and new design. The sampling frame in these areas is being updated beginning in April 1984 and continuing through July 1985. Ninety percent of the entire sample is in "continuing" areas.

The second wave involves changing the areas selected for sampling. From November 1984 through June 1985, some areas newly selected will gradually replace some selected in the old design but not in the new one. Sample households selected from address lists obtained from the 1980 census will replace households selected from the 1970 census lists and from permits for new residential construction issued since 1970.

The redesigned sample will contain 729 out of a total of 1,973 geographic areas in the United States. In the 1970 design, 629 areas were chosen to represent the 1,924 areas into which the country was divided. The areas used in the 1970 and 1980 designs are not completely comparable because many of the sample areas were redefined for 1980. This redefinition was carried out for a number of reasons. Primary among these was the shift from a sample designed to produce national estimates to one designed to produce both State and national estimates. In addition, some sampling areas were redefined to correspond to the new metropolitan area definitions, and others were redefined to improve efficiency in field operations, as explained later.

In both the 1970 and 1980 designs, the sample is divided into eight approximately equal rotation groups. The 1980 CPS design uses the same rotation pattern as the 1970 design, in which a rotation group is interviewed for 4 consecutive months, temporarily leaves the sample for 8 months, and then returns for 4 more consecutive months before retiring permanently from the CPS (after a total of eight interviews).

**Continuing areas.** From April 1984 through July 1985, the new CPS design will be phased in for continuing

areas one rotation group at a time. This consists of gradually replacing sample materials selected from the 1970 census-based frame with materials selected from the 1980 census-based frame. This gradual phase-in minimizes effects on the continuity of the CPS data series. In the replacement process, sample sizes within individual areas may change, but the total sample size for the survey will remain about the same. Each month from April through July 1984, an additional rotation group of the new sample will be phased in. By July 1984, half the sample in continuing areas will be obtained from the new design. Due to the rotation pattern, this proportion will not change between July 1984 and April 1985. Then, from April through July 1985, the old design sample will again be replaced by the new design sample at the rate of one rotation group per month. In July 1985, the phase-in of the new sample will be complete. This pattern is depicted in table 1.

**New sample areas.** In November 1984, the new sample areas will begin to replace the outgoing areas. The effects of this change are expected to be minor, because the sample in new and outgoing areas accounts for only about 10 percent of the national estimate. As shown in table 1, from November 1984 through February 1985, the new areas will be introduced at the rate of one rotation group per month. From March through June 1985, two rotation groups in the new areas will be phased in each month. One of these will replace a retiring rotation group from the old design, and the other will replace a rotation group from the old design that would otherwise have returned to the sample for its fifth interview. For this reason, the normal rotation pattern in these areas will not be preserved during this period. The replacement of outgoing areas with new areas will be completed

Table 1. Rotation group redesign scheme

Year and month	Continuing PSU's (90 percent)		Replacement PSU's (10 percent)		Overall percent of households on 1980 design
	New sample rotations	Old sample rotations	New sample rotations	Old sample rotations	
1984:					
Apr	1	7	0	8	11.0
May	2	6	0	8	22.0
June	3	5	0	8	33.0
July	4	4	0	8	44.0
Aug	4	4	0	8	44.0
Sept	4	4	0	8	44.0
Oct	4	4	0	8	44.0
Nov	4	4	1	7	45.5
Dec	4	4	2	6	47.0
1985:					
Jan	4	4	3	5	48.5
Feb	4	4	4	4	50.0
Mar	4	4	5	3	51.0
Apr	5	3	6	2	64.0
May	6	2	7	1	77.5
June	7	1	8	0	89.0
July	8	0	8	0	100.0

<sup>2</sup> Some of the technical changes being made in the sample design and estimation procedures are described in detail by Gary M. Shapiro in "Planned Improvements in the Redesign of Census Bureau Demographic Surveys as the Result of Research," *Proceedings of the Section on Survey Research Methods of the American Statistical Association*, 1982, pp. 193-98.

in June 1985, one month before the phase-in of continuing areas is completed.

As the new areas are phased in, the weighting factors used in computing estimates must be updated to account for the change in areas included in the sample. These factors include the noninterview adjustment and the first-stage estimation procedure. (See the Explanatory Notes for descriptions of these procedures.) These updated factors will be introduced into the estimation process at the same rate as the new sample areas are introduced into the sample.

### Effects of the changeover

**Field operations.** Because new areas will be phased into the sample and some old areas will be dropped, increased hiring and training of the interviewing staff, as well as some dismissals, will be required during this time period. To minimize the possible impact of an influx of inexperienced interviewers into the CPS program, training of interviewers for new areas will include a 3-month period during which they will be given assignments but their work will be excluded from the actual estimates. By the fourth month, they will have completed 3 months of trial interviewing, a 3-day classroom training session, and 4 months of home study. At this point, the data collected from the new interviewers' assignments will be included in the monthly estimates.

Efforts also will be made to maintain the experienced staff of interviewers who will be affected by the phase-out of certain sample areas, either by offering work in adjacent, continuing sample areas or by offering work on other programs. In any event, these interviewers will be notified in advance of the phase-out of their sample areas. Their work during this period will be closely monitored to avoid any adverse impact that their anticipation of termination may have on the data.

A consequence of the redesign is the introduction of new sample forms and control cards for use in the 1980 sample areas. Since the basic labor force questionnaire will remain unchanged, changes to these other forms will have no impact on the actual labor force data.

**Continuity of data series.** Two aspects of introducing the new CPS design have the potential of affecting published estimates. These are the temporary disruption of the rotation pattern from March through June 1985 for a comparatively small portion of the overall sample and the actual change in sample areas. In addition, the concurrent improvements in the estimation procedure and the use of updated definitions of metropolitan areas, both planned for January 1985, will have some effect on CPS data series.

Labor force estimates in the CPS are affected by changes in the rotation pattern because of a relationship between the number of times a rotation group has been

interviewed and the expected value of the estimate obtained from the group. Normally, the eight rotation groups contributing to the published estimate are evenly distributed in terms of the number of times they have been in the sample, from one through eight. However, when the new areas are phased in at the rate of two rotation groups at a time, this even distribution by time in sample is lost. For example, in March 1985, two rotation groups will be in sample for the first time and none for the fifth time. Since published CPS estimates represent averages of the eight rotation group estimates, a change in the time-in-sample distribution from 1 month to another will cause a difference between the overall estimates for those months, even though the actual value of the characteristic being estimated may not have changed at all. Similarly, this effect might mask real differences between estimates. The Bureau of the Census and BLS have examined the potential effects of this disruption to the rotation pattern on major published estimates and expect them to be negligible.

In addition to the temporary phase-in effect discussed above, the new design may produce some small permanent differences, particularly in State estimates. These differences are the result of restratifying the sampling frame within each State for the 1980 design, selecting a different set of sample PSU's to represent each State, and adjusting the weighting factors to reflect this change. These differences may appear to be discontinuities in the CPS data series but are in fact manifestations of between-PSU variation. The most notable estimate likely to be affected by the change in sample areas is agricultural employment, but the effect is expected to be small.

The introduction of new sample areas also will cause a slight increase in the variance of year-to-year change estimates published in 1985 and 1986. This is because the overlapping sample between CPS estimates for the same month, 1 year apart, will decrease from the usual 50 percent to a minimum of 45 percent. The decrease in the sample overlap occurs in equal increments, beginning in March 1985. The minimum overlap of 45 percent occurs from June through October 1985, after which the overlay increases in equal increments to 50 percent in February 1986. For characteristics concentrated in areas represented by new and outgoing PSU's, this increase in the variation of year-to-year change estimates will be larger. The sample changes will have no effect on the variance of month-to-month change estimates.

As indicated earlier, improvements in the estimation procedures are being introduced, quite apart from the redesign itself, effective with data for January 1985. These improvements—involving the second-stage ratio adjustment and composite estimation procedures—are expected to increase the accuracy of the estimates. They may be noticed as slight differences in the published estimates at the time of introduction in January 1985.

Finally, changes in the definitions of metropolitan areas, discussed in detail below, will increase the CPS estimates of metropolitan populations at both the State and national levels and, correspondingly, decrease the nonmetropolitan area population.

*Metropolitan areas.* Most of the known impact on estimates during and after the sample redesign will be the result of changing from 1970 to 1980 geographic definitions. The sample based on the 1980 design will incorporate the geographic definitions from the 1980 census, while the sample based on the 1970 design will continue to incorporate 1970 census definitions. To minimize the impact on these estimates and to insure that the entire sample reflects consistent area definitions, the 1980 definitions will be converted to 1970 equivalent designations through December 1984. For example, if a 1980 sample area is inside a metropolitan area based on 1980 census data but outside a metropolitan area based on 1970 census data, it would be considered nonmetropolitan until the change is made to the new geographic definitions in January 1985. At that time, the reverse of this geographic conversion will occur. The geographic information for the remaining sample selected from the 1970 sampling frame will be converted to reflect the new definitions.

The geographic conversions described above should have little or no impact on the national metropolitan-nonmetropolitan estimates through the third quarter of this year. Some variability in the data for the subsequent three quarters will occur as new sample areas are phased in and old areas are phased out.

Another feature associated with the introduction of updated geographic definitions into the CPS is the use of new terminology for metropolitan areas—Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primary Metropolitan Statistical Areas (PMSA's). These terms replace the 1970

terms, Standard Metropolitan Statistical Areas (SMSA's) and Standard Consolidated Statistical Areas (SCA's). An MSA stands alone and is not closely associated with other metropolitan areas. MSA's typically are surrounded by nonmetropolitan counties and have either a city or an urbanized area with a population of at least 50,000 and a total population of at least 100,000. If an area has a population of more than 1 million and meets certain other requirements, it is termed a CMSA. CMSA's consist of major components called PMSA's.<sup>3</sup>

In January 1985, 1980 census geographic definitions will be used for the entire sample, and the 1983 metropolitan-nonmetropolitan area designations based on 1980 census results will be introduced. This will affect the quarterly published estimates of the metropolitan population, since the number of metropolitan areas increased from 243 under 1970 definitions to 318 areas under 1983 definitions. After completion of the sample phase-in, estimates of the total metropolitan population will be approximately 20 million higher than at present because of the use of the new definitions for metropolitan areas. The impact on CPS data for specific metropolitan areas—which, except for New York and Los Angeles, are published on an annual average basis—will vary according to how each is affected by any 1983 redefinition.

Some geographic classifications, however, cannot be readily converted to 1970 (or 1980) equivalents. These include poverty and nonpoverty areas and urban and rural areas. Since 1974, quarterly and annual estimates for poverty and nonpoverty areas based on 1970 census definitions have been a regular feature of this publication; as indicated in table A-69 of the April 1984 issue, publication of these data is being suspended until the fourth quarter of 1985, at which time all data will be based on the new design.

<sup>3</sup> A complete listing of 1983 MSA's, CMSA's and, PMSA's is available in the Office of Management and Budget Release 83-20.

## ATTACHMENT 1

### ABSTRACT

Current Population Survey, October 1984:  
School Enrollment [machine-readable data file] /  
conducted by the Bureau of the Census for the  
Bureau of Labor Statistics. --Washington:  
Bureau of the Census [producer and distributor]  
1986.

#### 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 contains information on school enrollment that includes the following items: current grade attending at a public or private school, whether attending college full- or part-time at a 2- or 4-year institution, year last attended a regular school, year graduated from high school, noncollegiate postsecondary enrollment, living arrangement for college students, and computer ownership and usage.

#### GEOGRAPHIC COVERAGE:

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

#### TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 165,490 logical records; 690 character logical record length.

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

#### REFERENCE MATERIALS:

"Current Population Survey, October 1984: School Enrollment Technical Documentation." Documentation contains this abstract, a questionnaire facsimile, and record layouts of the file. One copy accompanies each file order. Additional copies are available for \$5 each from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

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

#### RELATED PRINTED REPORTS:

Bureau of the Census. Current Population Reports. "School Enrollment--Social and Economic Characteristics of Students: October 1984" (Advance Report). Available from the U.S. Government Printing Office, Washington, D.C. 20402. S/N 003-001-90803-4, \$1.

A separate report, "Computer Use in the United States, 1984", will be released in late 1986 in the P-23 series. Check the Monthly Product Announcement (MPA) or call Data User Services Division, Customer Services at (301) 763-4100 for ordering information.

Bureau of Labor Statistics. Employment and Earnings, November 1984. The employment information in Section A of this publication is derived from the Current Population Survey, October 1984. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: \$3.75.

Bureau of Labor Statistics. Employment and Earnings, February 1985. "Changes in Estimation Procedure in the Current Population Survey Beginning in January 1985" on page 15. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: \$3.75.

#### 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 \$140 per reel.

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





## ATTACHMENT 2

### OVERVIEW: SCHOOL ENROLLMENT SURVEY

#### I. General

The October 1984 Survey of School Enrollment was conducted as a supplement to that month's Current Population Survey (CPS), a monthly survey of approximately 58,000 interviewed households across the Nation. Interviews were conducted during the period of October 15-20. (Attachment 13 is a facsimile of the supplement document containing the school enrollment questions.) See "Overview - Current Population Survey" (Attachment 3) for a description of the CPS; the following describes the Survey of School Enrollment supplement.

#### II. Data Collection

Interviewers were provided with a 1 1/2 hour homestudy introducing the supplement. Interviewers also participated in a one-day group training session which covered the supplement, basic CPS, and other related topics.

A minimum of the first five questionnaires submitted by each interviewer were carefully reviewed by the office staff. Interviewers were informed immediately of any errors that were uncovered. The manual edit of the questionnaires was discontinued only after the interviewer demonstrated satisfactory knowledge of the supplement.

The school enrollment questions were asked of all children (items 55-58) and adults (items 29-33) 14 years old and over. Continuing education and previous year's enrollment were asked of all adults (items 38 and 39). Additionally, for those attending college or university, living arrangement questions were asked (items 34-37). Non-high school graduates, age 14-24, were asked year last attended high school (item 42) and high school graduates (age 14+) were asked year of graduation (item 43).

New this year were questions regarding direct or hand's-on use of computers with typewriter-like keyboards. Items 44 and 45 were asked once of the household respondent and transcribed for other adults. Computer usage items (items 46-54) were asked of all adults and items 59-62 were asked of children 3 to 13 years of age.

#### III. Data Processing

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

##### A. Computer Edits of Basic School Enrollment and Computer Usage Items

The data processing involved a consistency edit of all basic school enrollment items (items 29-43 and 55-58) and allocation of missing entries in items 30, 31, 32, 33 and 39 through "hot deck" matrices based on selected characteristics. Computer usage items were edited to ensure consistency between item responses and missing values were assigned, for a few items, based on known entries. However, no further allocations were made for missing values in these items.

## B. Weighting

In various months, differences in the sample, questionnaire, and data uses result in the need for additional procedures to produce a "supplement weight". For the October school enrollment supplement, the adult records are controlled to and agree with, in aggregate, published, composited (but not seasonally adjusted) October 1984 CPS labor force estimates (e.g., employed, unemployed, not in labor force, etc.). Children's records retain the "basic CPS weight" which reflects controlling to age, race, sex, and Hispanic independent estimates made to the children's records. The supplement weight should be used in preparing all estimates using data from the supplement items. In addition, the revised basic weight, which is provided to enable users to bridge basic CPS data for 1984 forward (due to changes in the population estimates and compositing formula, see sec. V.), has also been controlled to the composited labor force estimates to provide the user the additional ability to bridge supplemental data forward.

The values and universes for each variable are defined in the supplement record-layouts (Attachments 11 and 12).

## IV. October 1984 Survey of School Enrollment Supplement Computer File

The October 1984 CPS/Survey of School Enrollment file consists of two parts: the CPS labor force data and the school enrollment and computer usage data for the persons described in part II above.

### A. CPS Labor Force Data

The October 1984 CPS file contains 165,490 records. Basic CPS labor force data are contained in words 1 through 80, characters 1-6; and the supplement data are contained in words 81 through 90. (Words 91-115 are padding).

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

Attachment 6 shows the locations and definitions of variables available in words 1 through 80, characters 1-6 for persons 14 years old or older who were interviewed in the October 1984 CPS. Interviewed 14+ person 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 the October 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

Attachment 9 shows the locations and definitions for variables available for Type B/C noninterviews records. Type B/C noninterview records represent sample addresses which were determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc. Type B/C noninterview records will have a code 3 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. October 1984 Survey of School Enrollment Supplement Data

The October supplement data are contained in words 81 character 2 through word 94 character 6. Note, supplement data are available for adult and children's records. Supplement weights are only available for adult records. No supplement data are available for other record types.

IV. Records from the October 1984 CPS/Survey of School Enrollment Supplement File

A. Tallying CPS Labor Force Estimates

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

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

Refer to section III.B.

## V. Changes In Estimation Procedure in the Current Population Survey Beginning In January 1985

\*Deborah A. Fenstermaker

Beginning with data for January 1985, changes in the estimation procedure are being incorporated in the Current Population Survey, the monthly sample survey of households conducted for the BLS by the Bureau of the Census, from which a wealth of data on the labor force, employment, and unemployment is obtained. Included in these changes is the introduction of population controls for data on Hispanics which results in major revisions for this group. This article explains the reason for changing the procedure, describes the differences between the old and new procedures, and discusses the effect of the changes on the estimates and on their historical comparability. Further detail can be found under "Estimating Methods" in the Household Data section of the Explanatory Notes at the back of this publication.

### Reason for change

The estimation procedure involves weighting the data collected for each person in the CPS sample to arrive at estimates for the total civilian population and its components. Changes in the procedure were called for by the implementation of a new sample design, scheduled for completion by July 1985, which will improve efficiency in collecting State data and make use of 1980, rather than 1970 census data as the main sampling frame.<sup>1</sup> To increase the reliability of the estimates based on the new sample, nearly all phases of the estimation procedure have been changed. Most of the changes were incorporated in the January 1985 data; others will be introduced gradually.

### Specific changes

Although there remain five basic steps in the estimation procedure (see table F); changes have been introduced in each step.

**Basic weight.** The basic weight is the number of population housing units represented by the sample and is the inverse of the probability of selection of a unit for the sample. Gradually, as the new sample design has been phased in, new probabilities of selection are replacing the old probabilities of selection. The new sample is, in general, a State self-weighting sample; i.e., the probability of selection is the same for each person in a

State. The probabilities of selection for the old design varied considerably more, attributable to the several expansions of the sample since 1976. Occasionally, however, the probability of selection for the new sample will still differ among sample areas in a State. This is the case in New York and California because of specific sub-State reliability requirements. In other States, differing probabilities of selection were chosen to ensure an acceptable interviewer workload, to reduce interviewing costs, and to improve estimates of the Hispanic population. In some instances, the probability of selection is adjusted to reflect subsampling of unusually large housing units or certain special universes.

**Noninterview adjustment.** The next step in the estimating procedure is to adjust the basic weight to account for eligible housing units for which an interview could not be completed—the "noninterview adjustment." This adjustment is performed within clusters which contain one or more sample areas. As of January 1985, a new noninterview adjustment procedure was implemented.

In the old procedure, clusters were primarily classified by Standard Metropolitan Statistical Area (SMSA) status. Clusters only contained sample areas within the same State, and each cluster was partitioned into 24 race/residence/month-in-sample cells. The new noninterview adjustment redefines the clusters and cells within clusters is addition to simplifying the collapsing procedure. The major change involves the formation of new clusters. The primary classifier used in defining clusters is Metropolitan Statistical Area (MSA) status and size. In general, sample areas belonging to MSA's of the same (or similar) size are in the same cluster. Clusters are not necessarily comprised of sample areas from the same State. The number of cells within a cluster has been reduced from 24 to 2. Cells within MSA clusters are now "central city" and "balance of the MSA"; for non-MSA clusters, cells are "urban" and "rural." Month in sample and race have been dropped as classifiers. Previously, small cell sizes made it necessary to combine cells to insure that each cell had a sufficient number of sample cases. Modifying the cells within a cluster reduces the need for this collapsing.

**First-stage ratio adjustment.** A first-stage ratio adjustment is then applied to reduce the contribution to the variance that results from not including all geographic

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<sup>1</sup> A description of the scope and nature of the CPS redesign and phase-in appears in "Redesign of the Sample for the Current Population Survey," *Employment and Earnings*, May 1984, pp. 7-10.

areas in the sample. The old design used a two-step procedure at this first stage, consisting of a regional adjustment with six race-residence categories and a State adjustment with race categories of black and non-black. The new design uses only a one-step adjustment—at the State level (with race categories of black and non-black). Regional factors are not used since they tend to increase the variance on some State estimates and improve national estimates very little for the new design. Both the old and the new first-stage ratios are based on 1980 census data. These new first-stage factors are being phased in with the new areas which have entered the sample since November 1984.

*Second-stage ratio adjustment.* A second-stage ratio adjustment is made to further reduce variance on sample estimates by adjusting for CPS undercoverage of a number of age-sex-race groups of the population. The control totals for this procedure are independently derived census-based estimates of the population.

Both the adjustment procedure and the way the independent population controls are derived have changed. Previously, the second-stage procedure was performed in two steps. First, the sample estimates were adjusted for each State and the District of Columbia to an independent control for the population 16 years and over by month in sample. The second step was an adjustment to nationwide independent population estimates by month in sample within 32 age-sex groups for black and non-black persons. The entire second-stage adjustment procedure was iterated six times to ensure that the sample estimates of population for both State and national age-sex-race categories were virtually equal to the independent population control totals.

Beginning in January 1985, an intermediate step has been introduced in the second-stage ratio adjustment process to improve estimates for the Hispanic population, and the last step has expanded controls for the non-black population. The first step remains as it was in the old procedure. Then an adjustment is performed at the national level by month in sample within eight age-sex cells for Hispanic and non-Hispanic persons. The third step has also been changed (from the old second step) in that it is now a national adjustment by month in sample within the white, black, and other races categories. There are 32 age-sex groups for both white and black and six age-sex groups for the other races category. There will continue to be six iterations of the entire three-step, second-stage procedure. Use of these new or expanded population controls will stabilize estimates of the Hispanic and white populations.

Previously, the only post-censal figures for the size of the Hispanic population came from the CPS itself (i.e., the old procedure did not have a separate population control for Hispanics). These figures proved to be too low relative to the census and not stable over time. The new CPS procedure for Hispanics makes use of independent post-censal estimates of the Hispanic population as control totals to solve these problems.

The independent estimates of the Hispanic population were developed by updating the 1980 census count of persons of Hispanic origin by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants. The estimation methodology attempts to integrate data on change in the Hispanic population from a number of data sources in order to overcome some deficiencies in the usual sources of vital statistics. Hispanic deaths are estimated using the Spanish-surname population and Spanish-surname deaths by age and sex from Texas and California, States with well over half of the Hispanic population in 1980. Data for immigrants by age and sex from Hispanic countries are obtained from the Immigration and Naturalization Service; data for refugees are obtained from the Office of Refugee Resettlement. A more detailed description of the data and methods used to produce post-censal estimates of the Hispanic population will appear in a forthcoming report by the Bureau of the Census in its *Current Population Reports* series (P-25).

The procedure for obtaining the independent total (age-sex-race) population controls used in the second-stage ratio estimation reflects the resumption of the use of the "inflation-deflation" method, described in the "Estimating Methods" section of the Explanatory Notes. This method was used prior to January 1982 but was temporarily discontinued when population controls based on the 1980 census were introduced. The inflation-deflation method preserves the actual pattern of population change over time in any age group through the following series of steps.

First, the most recent census count is inflated to include an estimate of the census undercount by age, sex, and race. This inflated population count is carried forward each month by accounting for births, deaths, and net migration. These post-censal estimates are then deflated to the census level to reflect the patterns of the net undercount of the most recent census by age, sex, and race. Because an estimate of the undercount is first added and then subtracted, the size of each race-sex group is unaffected by the inflation-deflation procedure. Similarly, the final estimate is affected only by the age structure of the undercount, not the level. This feature of the procedure is important, since the exact amount of undercount in the 1980 census remains unknown.

*The composite estimator.* As the final stage of the estimation process, a composite estimator is applied, primarily to improve estimates of monthly change by taking advantage of the 75 percent of the total sample that continues from the previous month. The old composite estimator was a weighted average of two estimators which took into account data from the current month and earlier months. These two estimators were: (1) A weighted estimator of levels, using all of the current month's data, and (2) an estimator con-

sisting of the previous month's composite estimator plus a difference estimator using the sample common to both months. Beginning with data for January 1985, a new composite estimator has been introduced. As before, both State and national estimates are formed using the same composite estimator. The new composite estimator is an extension of the old composite; i.e., a term has been added. The new term is an estimator of the net difference between the incoming and continuing parts of the current month's sample. The new estimator has the advantage of reducing annual average variances while having little or no effect on monthly and month-to-month change variances. It is also closer to the level obtained after the first- and second-stage adjustments.

#### **Effect of new procedure on national estimates**

To measure the effects of the new procedure on national estimates, annual average data for 1984 were prepared following the new procedure; these are compared with the estimates produced by the old method in table 2. The difference columns indicate some of the net effects. With a few exceptions, the most common effect was a very small increase in the estimates of unemployment and the unemployment rate.

Total national estimates of labor force characteristics are affected only slightly by these procedural changes. The total civilian noninstitutional population estimate was decreased for 1984, but by only 59,000. The total civilian employment level was essentially unchanged, while both the total level and rate of unemployment rose by a small amount (the total unemployment level and

rate increased by 60,000 and .05 percentage point, respectively.)

Although the new procedure had almost no effect on 1984 annual averages for the white civilian noninstitutional population estimate, it did raise the level considerably in January 1985 from the December 1984 level. White population estimates will be more stable in the future as a result of these changes. The black civilian noninstitutional population estimate was decreased by only 22,000 on an annual average basis, and other labor force estimates for blacks were virtually unchanged. The greatest impact of these changes is for estimates of Hispanics; this is a direct consequence of using Hispanic controls in the estimation procedure. The civilian noninstitutional population of persons of Hispanic origin increased by 1.3 million (about 13 percent) on the 1984 annual average. Levels of Hispanic employment and unemployment increased by 790,000 and 102,000, respectively.

The changes in the CPS discussed above will have an effect on the historical comparability of labor force data. CPS estimates beginning in 1985 can be expected to differ from those for earlier years by more than the amount that can be attributed to actual changes. For most characteristics, however, these differences in levels should be negligible; as indicated earlier, there were virtually no differences in total population and labor force aggregates when December 1984 estimates were calculated by the new procedure, and thus the December 1984-January 1985 changes were essentially unaffected by these adjustments. However, because of the extensive adjustments for Hispanics, these estimates are being revised back to January 1980 to the extent possible.

Table 1. Summary of old and new estimation procedures used in the Current Population Survey

Estimation step	Old procedure	New procedure
Basic weight.....	Unsupplemented States: One probability of selection used for every sample area. Supplemented States: Probabilities of selection vary by sample area. Probabilities of selection may differ slightly within sample area.	With some exceptions, most States are self-weighting i.e., one probability of selection for each sample area. Probabilities of selection may differ slightly within sample area.
Noninterview adjustment.....	Adjustment applied within clusters of sample areas contained within the State by 24 race/residence/month-in-sample cells.	Adjustment applied within clusters of sample areas, not necessarily within the State, by 2 residence cells.
First-stage ratio adjustment.....	Two steps: a. Regional factors calculated for 6 race/residence cells. b. State factors calculated for black/non-black.	One step: a. Same as step b in old procedure.
Second-stage ratio adjustment.....	Two steps, both by month in sample: a. Factors calculated for total population 16 years and over by State. b. Factors calculated at national level for persons 16 years and over by black, non-black, and age-sex categories.	Three steps, each by month in sample: a. Same as step a in old procedure. b. Factors calculated at national level for persons 16 years and over by Hispanic, non-Hispanic, and age-sex categories. c. Factors calculated at national level for persons 16 years and over by white, black, other, and age-sex categories.
Composite estimator.....	$Y_t = (1-K) X_t + K (Y_{t-1} + d_{t,t-1})$ $K = .5$ <p>where:</p> <p><math>Y_t</math> is the composite estimator for month t.</p> <p><math>X_t</math> is the Horvitz-Thompson estimator for month t (i.e., a weighted estimator of levels using all of the current month's data).</p> <p><math>Y_{t-1}</math> is the composite estimator for month t-1.</p> <p><math>d_{t,t-1}</math> is an estimator of the difference between levels for month t and month t-1 based on the sample common to both months.</p> <p><math>d_t</math> is an estimator of the net difference between levels for the incoming and continuing parts of the current month's sample.</p>	$Y_t = (1-K) X_t + K (Y_{t-1} + d_{t,t-1}) + A d_t$ $A = .2, K = .4$



Table 2. Population and labor force estimates by sex, age, race, and Hispanic origin, using old and new estimation procedure, 1984 annual averages  
(Numbers in thousands)

Category	Total			White			Black			Hispanic origin		
	Old procedure	New procedure	Difference <sup>1</sup>	Old procedure	New procedure	Difference <sup>1</sup>	Old procedure	New procedure	Difference <sup>1</sup>	Old procedure	New procedure	Difference <sup>1</sup>
<b>Civilian noninstitutional population</b>												
Total, 16 years and over .....	176,383	176,324	-59	152,347	152,362	15	19,348	19,326	-22	9,881	11,164	1,283
Men, 16 years and over .....	83,806	83,554	-52	72,723	72,723	0	8,654	8,632	-22	4,659	5,471	812
16 to 19 years .....	7,388	7,411	25	8,113	8,113	0	1,066	1,077	21	552	617	65
20 years and over .....	76,219	76,144	-75	66,610	66,611	1	7,599	7,558	-43	4,107	4,854	747
Women, 16 years and over .....	92,777	92,770	-7	79,624	79,637	13	10,693	10,694	1	5,221	5,692	471
16 to 19 years .....	7,348	7,392	44	6,034	6,060	26	1,106	1,125	19	565	617	52
20 years and over .....	85,429	85,377	-52	73,590	73,578	-12	9,589	9,569	-20	4,656	5,075	419
<b>Civilian employment</b>												
Total, 16 years and over .....	105,005	104,999	-6	92,120	92,170	50	10,119	10,104	-15	5,679	6,469	790
Men, 16 years and over .....	59,091	59,018	-73	52,462	52,440	-22	5,123	5,098	-25	3,359	3,950	591
16 to 19 years .....	3,322	3,350	28	3,001	3,018	17	252	262	10	217	242	25
20 years and over .....	55,769	55,668	-101	49,461	49,422	-39	4,871	4,836	-35	3,142	3,708	566
Women, 16 years and over .....	45,915	45,981	66	39,659	39,730	71	4,995	5,006	11	2,320	2,519	199
16 to 19 years .....	3,122	3,146	24	2,835	2,854	19	222	227	5	185	202	17
20 years and over .....	42,793	42,835	42	36,823	36,876	53	4,773	4,779	6	2,135	2,317	182
<b>Unemployment</b>												
Total, 16 years and over .....	8,539	8,599	60	6,372	6,431	59	1,914	1,920	6	676	778	102
Men, 16 years and over .....	4,744	4,756	12	3,600	3,629	29	1,003	987	-16	390	464	74
16 to 19 years .....	812	826	14	608	617	9	188	193	5	70	82	12
20 years and over .....	3,932	3,931	-1	2,992	3,013	21	815	795	-20	320	382	62
Women, 16 years and over .....	3,794	3,843	49	2,772	2,801	29	911	933	22	286	314	28
16 to 19 years .....	687	703	16	508	517	9	165	172	7	54	60	6
20 years and over .....	3,107	3,139	32	2,264	2,285	21	747	761	14	232	254	22
<b>Unemployment rate</b>												
Total, 16 years and over .....	7.52	7.57	.05	6.47	6.52	.05	15.91	15.97	.06	10.64	10.74	.10
Men, 16 years and over .....	7.43	7.46	.03	6.42	6.47	.05	16.37	16.22	-.15	10.40	10.51	.11
16 to 19 years .....	19.64	19.78	.14	16.85	16.97	.13	42.73	42.42	-.31	24.39	25.31	.92
20 years and over .....	6.59	6.60	.01	5.70	5.75	.04	14.33	14.12	-.22	9.24	9.34	.10
Women, 16 years and over .....	7.83	7.71	-.08	6.53	6.59	.05	15.42	15.71	.29	10.97	11.08	.11
16 to 19 years .....	18.04	18.26	.23	15.20	15.34	.14	42.64	43.11	.47	22.59	22.90	.31
20 years and over .....	6.77	6.83	.06	5.79	5.83	.04	13.53	13.74	.20	9.80	9.88	.08
<b>Not in the labor force</b>												
Total, 16 years and over .....	62,839	62,726	-113	53,855	53,761	-94	7,315	7,302	-13	3,526	3,917	391
Men, 16 years and over .....	19,771	19,780	9	16,661	16,654	-7	2,528	2,547	19	910	1,057	147
16 to 19 years .....	3,252	3,235	-17	2,504	2,478	-26	616	622	6	265	293	28
20 years and over .....	16,518	16,545	27	14,157	14,176	19	1,913	1,925	12	645	764	119
Women, 16 years and over .....	43,068	42,946	-122	37,193	37,106	-87	4,787	4,755	-32	2,615	2,859	244
16 to 19 years .....	3,539	3,543	4	2,691	2,689	-2	719	726	7	326	355	29
20 years and over .....	39,529	39,403	-126	34,503	34,417	-86	4,069	4,029	-40	2,289	2,504	215

<sup>1</sup> Differences are estimates based on the new procedure minus those based on the old procedure calculated using unrounded values.

NOTE: Detail for the above race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

## 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),<sup>1/</sup> West, and South. States and divisions within regions are presented below.

#### NORTHEAST REGION

##### New England Division

Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont

##### Middle Atlantic Division

New Jersey  
New York  
Pennsylvania

#### MIDWEST REGION

##### East North Central Division

Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin

##### West North Central Division

Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

#### WEST REGION

##### Mountain Division

Arizona  
Colorado  
Idaho  
Montana  
Nevada  
Utah  
Wyoming

##### Pacific Division

Alaska  
California  
Hawaii  
Oregon  
Washington

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

SOUTH REGION

East South Central Division

Alabama  
Kentucky  
Mississippi  
Tennessee

West South Central Division

Arkansas  
Louisiana  
Oklahoma  
Texas

South Atlantic Division

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



## ATTACHMENT 5

### NOTE TO USERS

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

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

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

8	Number of previous words
<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 January 1984)**

Attachment

Page 1

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

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

-more-

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

-more-

Attachment A		Universal		Description	
Word	Char.	Characteristic	All		
3	5-6	State (1st digit of State Code in Division Code) (From H.S.T.) (Com'U)			
				<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

Attachment A

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

# Attachment A

Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (Cont.) (From M.S.T.)	All		
				Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Illinois	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51

-more-

Word	Char.	Characteristic	Universe	Description	1970 Ranking
h	3-h	SMSA Rankings (From N.S.T.)	SMSA's	Not an SMSA and all other SMSA's New York, N.Y. Los Angeles-Long Beach, Calif. Chicago, Ill. Philadelphia, Pa.- N.J. Detroit, Mich. San Francisco-Oakland, Calif. Washington, D.C.-Wd.-Va. Boston, Mass. Nassau-Suffolk, N.Y. Pittsburgh, Pa. St. Louis, Mo.-Ill. Baltimore, Md. Cleveland, Ohio Houston, Texas Newark, N.J. Minneapolis-St. Paul, Minn. Dallas, Texas Seattle-Everett, Wash. Anaholm-Santa Ana-Garden Grove, Calif. Milwaukee, Wis. Atlanta, Ga. Cincinnati, Ohio - KY. Paterson-Clifton-Passaic, N.J. San Diego, Calif. Buffalo, N.Y. Miami, Fla. Kansas City, Mo.-Kan. Denver, Colo. San Bernardino-Riverside-Ontario, Calif.	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 27 28 29

-more-



Attachment A

Word	Char.	Characteristic	Universe	Description
1	3-4	SHSA Rankings (Cont.) (From M.S.T.)	SHSA's	Indianapolis, Ind. San Jose, Calif. New Orleans, La. Tampa-St. Petersburg, Fla. Portland, Ore. Columbus, Ohio Rochester, N.Y. Sacramento, Calif. Fort Worth, Texas Birmingham, Ala. Albany-Schenectady-Troy, N.Y. Norfolk-Portsmouth, Va. Akron, Ohio Gary-Hammond-East Chicago, Ind. Greensboro-Winston-Salem- High Point, N.C.
5		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		

--NOTE--

Word	Char.	Characteristic	Universe	Description
5	1-3	Blank		
4-6		Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit
				-NA, or App-M79 (Excluding 1--)
6	1	Item 12 - LINE NO. WOULD RESP.	All	Blank or Impossible
				1-6 7
2		Item 13 - TYPE INTERVIEW	All	Non W'dld Resp.
				Blank Personal Tel. - Regular Tel. - Callback ICR Filled
				2 3 4 5
3-4		Item 11 - DATE COMPLETED	All	Day of Month
				-- or 10-29
5		Item 26A1--Is . . . attending or enrolled in a high school, college or university?	Item 26=1	Yes 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 1-9+ hours 1-34 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 is in continuing rotation Unit is in departing rotation	- 1 2
6		Blank			

-MORE-

Word	Char.	Characteristic	Universe	Description
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. '76) Recode reflects "old" Farm Definition. (Effective April 1984; Reflects New Farm Definition)	All	Nonfarm Farm
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	<p><u>Housing Unit</u></p> <p>House, apt., flat            UU in nontransient hotel, etc. 01</p> <p>UU, permanent, in trans. hotel, motel, etc. 02</p> <p>UU in rooming house 03</p> <p>Mobile home or Trailer 04</p> <p>UU not specified above 05</p> <p><u>Other Unit</u></p> <p>Qtrs. not UU in rooming or boarding house 06</p> <p>Unit not permanent in trans. hotel, motel, etc. 07</p> <p>Tent or trailer site 08</p> <p>Other not UU 09</p> <p>Nonfarm Farm 10</p>
	h	'New' Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm Farm

--MORE--

Attachment A

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

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description	
10	1	Item 21A - Why was....absent from work LAST WEEK?	FSR 2	Own illness On vacation Bad 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	8
2		Item 21B - In....getting wages or injury for any of the time off LAST WEEK?	FSR 2	Yes No Self employed	1 2 3
3		Item 21C - 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 11:4. 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

Page 11

Word	Char.	Characteristic	Universe	Description	
		Item 22A - Methods (cont.)			
10	6	Checked with employer directly.	ESR 3	Blank Entry	1
11	1	Checked with friends or relatives.	ESR 3	Blank Entry	1
2	2	Placed or answered ads.	ESR 3	Blank Entry	1
3	3	Nothing	ESR 4-7	Blank Entry	1
4	4	Other	ESR 3	Blank Entry	1
5	5	Item 22B - Why did...start looking for work?	ESR 3 Except layoff in Item 21A. codes 6 & 7	Lost job Quit job Left school Wanted temporary work Other	1 2 3 4 5
6	6	Item 22C - Weeks unemployed (New job starting in 30 days, weeks laid off, or weeks looking for work)	ESR 3	Number of Weeks	00-99
12	1	Item 22D - How...been looking for full-time or part-time work?	ESR 3	Full Part	1 2

-more-

## Attachment A

Page 15

Word	Char.	Characteristic	Universe	Description	
12		Item 22E - Digit 1 - Is there any reason why... could not take a job LAST WEEK?	ESR 3	Yes No	1 2
		Item 22E - Digit 2 - Is there any reason why... could not take a job LAST WEEK?	ESR 3 & Yes in Digit 1	Already had a job Temporary illness	1 2
			ESR 4-7	{ Going to school Other	3 4
		Item 22F - When did... last work at a full-time job or business lasting 2 consecutive weeks or more? (Recoded)	ESR 3 Re-entrants to Labor Force 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
		Item 22A - 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-



Attachment A

Word	Char.	Characteristic	Universe	Description	
13	1	Item 24D - Why did...leave that job?	FSR 4-7 and 1-5 in Item 24A	Personal, family or school health Retirement or old age Seasonal job completed Black work or business conditions Temporary nonseasonal job completed Un satisfactory work arrangements Other	1 2 3 4 5 6 7 8
2		Item 24C - Does...want a regular job now, either full- or part-time?	FSR 4-7 and Month in Sample in 4, or 0 (Departing rotation)	Yes Maybe, it depends No Don't know	1 2 3 4
3		Item 24D - What are the reasons...is not looking for work?			
4		Reasons through 15:1. Multiple entries possible.			
5		Believes no work available in line of work or area	Item 24C in 1 or 2.	Blank Entry	1
6		Couldn't find any work	Item 24C in 1 or 2	Blank Entry	1
7		Lacks necessary schooling, training, skills or experience	Item 24C in 1 or 2	Blank Entry	1
8		Employers think too young or too old	Item 24C in 1 or 2	Blank Entry	1

-more-

Attachment A

Page 17

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

-NOTE-

# Attachment A

Page 10

Word	Char.	Characteristic	Universe	Description	
15	3	Item 23E - Class of worker (Edited and Recoded).	a) ESR 1 or 2 b) ESR 3 c) ESR 4-7, Month in Sample in 4 or 0 & Item 24A in 1-5.	Private Government Self employed Without pay Never worked or Never worked Full-Time	1 2 3 4 5
16	4-6	BLANK			
16	1-3	BLANK			
16-5		Item 10A - LINE NUMBER	A11		01-39
6		Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD  (Recode from Relationship To Reference Person)	A11	Head with other relative (incl. wife) in household Head with no other relative in household Wife of head Other relative of head Nonrelative of head with own relatives (incl. wife) in household Nonrelative of head with no own relatives in household	1 2 3 4 5 6

Word	Char.	Characteristic	Universe	Description	
17	1-2	Item 10D - AGE	All		14-99
	3	Item 18E - MARITAL STATUS (Recode)	All	Married, civilian spouse present Married, Armed Force spouse present Married, spouse absent (incl. separated) Widowed or divorced Never Married	1 2 3 4 5
	4	Item 18J - RACE (Recode)	All	White Black Other	1 2 3
	5	Item 18Q - SEX	All	Male Female	1 2
	6	Item 18G - VETERAN STATUS	Males	Vietnam Era Korean War World War II World War I Other Service Nonveteran	1 2 3 4 5 6

-more-

# Attachment A

Page 20

Word	Char.	Characteristic	Universe	Description
10	1-2	Item 10a - HIGHEST GRADE (OF SCHOOL) ATTENDED	All	None E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19
3		Item 18i - GRADE COMPLETED	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	Chart	Characteristic	Indicator	Description	
19	1	ESR - Employment Status Records (Last Week)	All	Employed { Working with job, not at work	1 2
				Unemployed	3
				Not in Labor Force	4 5 6
				School Unable to work (Included Notified)	7
				Full-time	1
				Part-time	2
				No Job	0 1
					pg 1-977
20	4-6	Item 26B--Is...enrolled in school as a full-time or part time student?	All	1/	001 or 0A1-977
		Indicator for principal person of household	All		if broader and planning 911 Assigned
	1-3	Document Count (Within Work Unit)	All		01-12
	4-5	Work Unit Number (From Breaker Sheet)	All		0-9
	6	Year - Last Night	All		
21 & 22	All	Final Weight	All		Two Understood Notified Final. (Right justified, space fill -01)

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

-more-

Next page is 23.

## Attachment A

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

-more-

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

6	PADDING
---	---------

27	1-2	Weighting Age Recode	All
----	-----	----------------------	-----

01	14-15 Years old
02	16-17
03	18-19
04	20-21
05	22-24
06	25-29
07	30-34
08	35-39
09	40-44
10	45-49
11	50-54
12	55-59
13	60-64
14	65-69
15	70-74
16	75+
17	

-more-



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

-more-

Attachment A

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

-more-

# Attachment A

Page 27

Word	Char.	Characteristic	Universe	Description	
29	2	Employed Class of Worker	All	Not Employed Private Government Self-employed Unpaid family	0 1 2 3 4
		BLANK			
4		Labor Force by time worked or lost	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

-more-

6400

6400

## Attachment A

Word	Char.	Characteristic	Universe	Description	
29	6	Civilian Labor Force	All	Not in Universe In Universe	0 1
30	1	Unemployed	All	Not in Universe In Universe	0 1
	2	Unemployed 15 weeks, or more	All	Not in Universe In Universe	0 1
	3	Other 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

-more-

## Attachment A

Word	Char.	Universe		Description	
		Characterizable	Universe	Not in Universe	In Universe
31	5	Full time employed and economic part time	All	Not in Universe	0 1
	6	Non-agriculture industries	All	Not in Universe	0 1
32	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 (4 & 5)	All	Not in Universe	0 1
	3	Unemployed with no previous work experience	All	Not in Universe	0 1

-more-

Attachment A		Universe		Description
Word	Char.	Characteristic	Full Time Labor Force Recode	Not in Universe Employed Full Time Looking for Full Time Work
33	4		All	0
	5	Program Signal	All	3
	6	Program Signal	All	4
34	1-2	Age 1.	All	0
				1
				00
				01
				02
				03
				04
				05
				06
				07
				08
				09
				00
				10
				11
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				11

-more-

**—morq—**

# Attachment A

Page 32

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

-more-



# Attachment A

Page 33

Word	Char.	Characteristic	Universe	Description	
36	5-6	Major Industry (II)	Civ. Labor Force	Have Worked	00
				Agriculture	01
				Mining	02
				Construction	03
				Manufacturing	
				Durable goods	04
				Non-durable goods	05
				Transportation and public utilities	
				Postal	06
				Other transportation	07
				Other utilities	08
				Wholesale and retail trade	
				Wholesale trade	09
				Retail trade	10
				Finance, insurance, and real estate	11
				Private household service	12
				Miscellaneous service	
				Business and repair	13
				Personal, except private household	14
				Entertainment and recreation	15
				Medical, except hospitals	16
				Hospitals	17
				Welfare and religious	18
				Education	19
				Other professional services	20
				Forestry and fisheries	21
				Public administration GAO	22

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

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

1/ 2/

-RORO-

Revised 3/84

Attachment A

Description

Universe

Word Char. Characteristic

37 1-2 BLANK

EMP 01 UNEMP 05

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

Civ. Labor force

3-6 Class of worker Employed-Unemployed

02 03 04 06 07 08 00

-more-

## Attachment A

Page 35

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

1/ 2/ See page 33

-more-

Revised 3/84

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

3/ Starting in January, 1903, "Ordnance" was combined with "fabricated metals."

-more-

Revised 3/84

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

1/2/ See page 33.

-NOTE-

# Attachment A

Page 30

Word	Char.	Character Info	Universe	Description	
30	3-6	BLANK			
39	1-2	Manufacturing	Civ. Labor Force	<div>Never worked or not Hsg. Ind. 00</div> <div>Durable goods</div> <div> <div>Lumber 02</div> <div>Furniture 03</div> <div>Stone, clay, glass 04</div> <div>Primary metals 05</div> <div> <div>Fabricated metals (incl. 06</div> <div>not spec. metal)</div> <div>Machinery, exc. elect. 07</div> <div>Electrical equipment 08</div> <div>Transportation equipment 09</div> <div>Automobiles 10</div> <div>Aircraft 11</div> <div>Other transportation 12</div> <div>equipment 13</div> <div>Instruments 14</div> <div>Miscellaneous 15</div> </div> </div>	

3/ See page 36.

--MORE--

Revised 3/84

Attachment A

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

3-4 Reason not at work or  
hours at work

All

-more-

Attachment A

Word	Unit	Characteristic	Universe	Description	
39	5-6	At work 1-3 1/2 hours by hours at work	ESR = 1 (Person's at work) and 20A is less than 35	Usually full time, part time for noneconomic reasons Usually work full time, part time for economic reasons 1-4 hours 5-14 hours 15-27 hours 30-34 hours Usually work part time, economic reasons 1-4 hours 5-14 hours 15-27 hours 30-34 hours Usually work part time, noneconomic reasons 1-4 hours 5-14 hours 15-29 hours 30-34 hours	00 01 02 03 04  05 06 07 08  09 10 11 12  00 01 02 03 04 05 06 07 08 09 10
40	1-2	Detailed reason by hours 1-3 1/2	ESR = 1 (At Work) and 20A is less than 35	Not In Universe Usually work full time Black work Material shortages; plant or machine repair New job started Job terminated Holiday Labor dispute Bad weather Own illness On vacation All other	00 01 02 03 04 05 06 07 08 09 10

--more--



# Attachment A

Page 41

Word	Char.	Characteristic	Universe	Description	
40	1-2	Detailed reason by hours 1-36 (Cont)	ESR = 1 (At work) and 20A in long than 35	Usually work part time Sick work Could find only part time work On illness Too busy or did not want full time Full-time work week in under 35 hours All other	11 12 13 14 15 16
3-4		Reason not at work and pay status	ESR = 2 (with job; not at work)	Not in universe Usually work full time Paid Vacation Illness All other Not Paid Vacation Illness All other Usually work part time; Paid Vacation Illness All other Not Paid Vacation Illness All other	00 01 02 03 04 05 06 07 08 09 10 11 12 50
5-6		Program Signal	All		
41 thru 42	1 6	PADDING			

-more-

The next page is 43.

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

43 and 44	ALL	Earnings Weight for ALL Races	Eligible for Earnings 1/	Two implied decimal places, right justified, space filled
45 and 46	ALL	Earnings Weight for 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
50	2-3	125A (Edited) - Usual hours worked per week?	Eligible	Hours worked 00-99
51	4	125B (Edited) - Paid by hour?	Eligible	Yes No
52	5-6	125C (Edited) - Earnings per hour?	125D (Edited) = 1	Earnings per hour (2 implied decimal places) 0000-9999
53	1-2	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

50	6	Item 25E-Member of union? (Edited)	49:1=1	Yes No	1
51	1	125A Allocation Flag	Eligible	125A not allocated 125A allocated	1
	2	125B Allocation Flag	Eligible	125B not allocated 125B allocated	1
	3	125C Allocation Flag	125B (Edited) = 1	125C not allocated 125C allocated	1
	4	125D Allocation Flag	Eligible	125D not allocated 125D allocated	1
	5	125 (Edited) Interviewer Check Item	ESR 1 or 2 and 23E = P, F, S, or L	(Not in Universe) Month-in-sample 1, 2, 3, 5, 6, or 7 Month-in-sample 4 or 8	1 2
	6	123F (Edited) Interviewer Check Item	ALL	(Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 123E Entry (or NA) in 121B and P, F, S, or L in 123E	1 2
52	1-3	125D (Edited) - Usual weekly earnings	3/	Weekly Earnings	000-999
52	4	Item 25F-covered by union contract?	WD4:1=1	Yes No	1 2
52	5	Item 25E Allocation Flag	and 50:6=2 Eligible	125E Not Allocated 125E Allocated	1 1
52	6	Item 25F Allocation Flag	125E=NO	125F Not Allocated 125F Allocated	1 1
3/		Reported 25D value appears here for an hourly worker. If 25D was not reported for an hourly worker, the 25A x 25C computed value appears here. This field is blank for weekly workers. This field is used for tabulation purposes for hourly workers.			

Word	Char.	Characteristic	Universe	Description
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Basic CPS Allocation Flags

53 1 Item 5a

2 4

3 5b

4 9

5 All Labor Force Items

6 ESR

1 18H

2 18G - Sex

3 18J

4 18E

5 18D

6 18I

1 18H

2 18G - Veteran Status

3 19

4 23D

5 23C

6 23E

Not Allocated  
, Allocated

All

0

1

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		
	2	22F		
	3	24A		
	4	24B		
	5	24C		
	6	24D		
58	1	22A		
	2	22E		
	3	18A		
	4	22B		
	5	24E		
	6			

Geographic Identification

-more-

Word Char. Characteristic Universe Description

Unedited Basic CPS Transcription Items 1/

Item 27 Tenure (Unedited) All Owned or being bought  
Rented  
No cash rent  
No entry  
Blank

Item 28 Total Family Income (Unedited) All  
Under \$5,000  
\$5,000 - 7,499  
\$7,500 - 9,999  
\$10,000 - 12,499  
\$12,500 - 14,999  
\$15,000 - 17,499  
\$17,500 - 19,999  
\$20,000 - 24,999  
\$25,000 - 29,999  
\$30,000 - 34,999  
\$35,000 - 39,999  
\$40,000 - 49,999  
\$50,000 - 74,999  
\$75,000 and Over  
No Entry

Item 29A - Telephone in household (transcribe from control card item 30a) All  
Blank  
Yes  
No

Item 29B - Telephone available (transcribe from control card item 30b) I-29a= No  
Blank  
Yes  
No

Item 29C - Telephone interview acceptable (Transcribe from control card item 30d) I-29a= Yes or I-29b= Yes  
Blank  
Yes  
No

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

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

-more-

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

-more-

ATTACHMENT A		CHARACTERISTIC		UNIVERSE		DESCRIPTION	VALUES
WORD	CHAR.	Class of Worker II (Detailed)					
61	4-5			Same as 123E (Exc. Never worked)		Agriculture Wage & Salary Private Government Self-Employed Unpaid Family Non-Agriculture Wage & Salary Private Industry Private Household Other Private Government Federal State Local Self-Employed Unpaid Family	01 02 03 04  05 06 07 08 09 10 11
61	6	Major Occupation		Same as 123E		Managerial & Professional Executive, admin. & managerial Professional specialty Technical, sales & admin. support Technicians & related support Sales Administrative support, incl. clerical Service Private household Protective service Other service Precision production, craft and repair Operators, fabricators & laborers Machine operators, assemblers & inspectors Transportation & material moving Handlers, equip. cleaners, etc. Farming, forestry & fishing Armed Forces No previous experience - Never worked	01 02 03 04 05  06 07 08 09  10 11 12 13 14 15
62	1						

more



ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	2-3	Major Industry	Same as 123E (Exc. lever worked)	Agriculture Mining Construction Manufacturing Durable goods Non-durable goods Transportation, communications & other public utilities Transportation Communications & public util. Communications Utilities & sanitary services Wholesale & retail trade Wholesale trade Retail trade Finance, insurance & real estate Services Private households Miscellaneous services Business & repair Personal services, exc. phy. hh Entertainment & recreations Professional & related Hospitals Medical, exc. hospitals Educational Social services Other professional Forestry & fisheries Public administration Armed Forces	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23

-more-

5-1 DOCUMENT RECORD LAYOUT (Effective 01/83)

ATTACHMENT A (Interview Adults)

ORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62 4-5	Detailed Occupation	Same as 123E	<p>Never worked                      Managerial &amp; professional specialty                      Executive, admin., &amp; managerial                      Officials &amp; admin., public admin.                      Other exec., admin., &amp; managerial                      Management related                      Professional specialty                      Engineers                      Mathematical &amp; computer                      scientists                      Natural scientists                      Health diagnosing &amp; treatment                      Teachers, college &amp; university                      Teachers, exc. college &amp; univ.                      Lawyers &amp; judges                      Other professional specialty                      Technical, sales &amp; administrative                      support                      Technicians &amp; related                      Health technologists &amp; tech.                      Engin. &amp; science technicians                      Other technicians                      Sales                      Supervisors &amp; proprietors                      Sales reps., finance &amp; business                      Sales reps., commodities,                      except retail                      Sales workers, retail &amp; personal                      Sales related                      Administrative support,                      including clerical                      Supervisors                      Computer equip. operators                      Secretaries, stenog., typists                      Financial records processing                      Mail &amp; message distributor                      Other admin., incl. clerical</p>	<p>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</p>

## ATTACHMENT A

DATE 020183

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WORD CHAR. 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. & inspec.	40
Machining oper. 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		CHARACTERISTIC		UNIVERSE		DESCRIPTION		VALUES	
HURD CHAR.									
62	6	Detailed Industry		Same as I23E		Haver Worked		00	
63	1					Goods-producing Industries			
						Agriculture		01	
						Agricultural services		02	
						Other agricultural		03	
						Mining		04	
						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. &		12	
						supplies			
						Transportation equipment			
						Motor vehicles & equipment		13	
						Other transportation equip.			
						Aircraft & parts		14	
						Other trans. equip.		15	
						Professional & photo equip.		16	
						Toys, amusement & sporting goods		17	
						Misc. & nec mfg. industries		18	
						Non-durable goods			
						Food & kindred products		19	
						Tobacco manufactures		20	
						Textile mill products		21	
						Apparel & other finished			
						textile products		22	
						Paper & allied products		23	
						Printing, publishing &			
						allied industries		24	
						Chemicals & allied products		25	
						Petroleum & coal products		26	
						Rubber & misc. plastics		27	
						Leather & leather products		28	

-more-

ORD	CHAR	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	6	Detailed Industry (cont'd)	Same as 1235	Service-producing industries	29
63	1			Transportation, communication & other public utilities	
				Transportation	30
				Communications & other public utilities	31
				Communications	32
				Utilities & sanitary serv.,	33
				Wholesale & retail trade	
				Wholesale trade	34
				Retail trade	35
				Finance, insurance & real estate	36
				Banking & other finance	
				Insurance & real estate	37
				Services	38
				Private household	
				Misc. services	39
				Business & repair serv.	40
				Business services	
				Repair services	41
				Personal services, exc. private household	42
				Entertainment & recreation	43
				Professional & related serv.	44
				Hospitals	45
				Health serv., exc. hospitals	46
				Educational services	
				Social services	47
				Other professional serv.	48
				Forestry & fisheries	49
				Public administration	50
				Justice, public order & safety	51
				Admin. of human resource programs	
				National security & internal affairs	
				Other public administered Armed Forces	

-more-

ATTACHMENT A

JORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
63 2-4	Item 23B - INDUSTRY (1980 Edited)	Same as 123E (Exc. Never Worked)	3-digit Industry Code	010-991
63 5-6 64 1	Item 23C - OCCUPATION (1980 Edited)	Same as 123E (Exc. Never Worked)	3-digit Occupation Code	003-903
64 2-6	PADDING			

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

# ATTACHMENT A (Interview Adults)

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	All	Line Number	01-39
3		Item 18B - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 8 9 A
4-5		Item 18C - PARENT'S LINE NUMBER	All	None Parent's line number	00 01-39
66	1-2	Item 18D - AGE	All	Age in Years	14-99
3		Item 18E - MARITAL STATUS	All	Married-Civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	1 2 3 4 5 6 7
4-5		Item 18F - SPOUSE'S LINE NUMBER	All	None Spouse's line number	00 01-39
6		Item 18G - SEX	All	Male Female	1 2

ATTACHMENT A (Interview Adults)

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	Item 106 - VETERAN STATUS	SEX=MALE	Vietnam Era Korean War World War II World War I Other Service Nonveteran	1 2 3 4 5 6
2-3		Item 101 - HIGHEST GRADE (of school) ATTENDED	All	None E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 C1 C2 C3 C4 C5 C6+	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
4		Item 101 - GRADE COMPLETED	All	Yes No	1 2
5		Item 101 - RACE	All	White Black Other	1 2 3
6		PADDING			



ATTACHMENT A (Interview Adults)

PAGE 58

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

## ATTACHMENT A (Interview Adults)

PAGE 59

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	MARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	SPOUSE'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	VETERAN STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
71	1	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	2	GRADE COMPLETED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	ORIGIN ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	5	PADDING		No Change Blank to Value Old Value to New Value	0 1 2
71 thru 72	3			No Change Blank to Value Old Value to New Value	0 1 2

ATTACHMENT A (Interview Adults)

PAGE 60

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
72	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
5-6		SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals With HD 1045=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	ALL	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time	0 1 2 3 4
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 1-0 Earners 9+ Earners	0 0 1-8 9

# ATTACHMENT A (Interview Adults)

PAGE 61

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
73	6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-0 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
4		PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

ATTACHMENT A (Interview Adults)

PAGE 62

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
74	5-6	PADDING			
75	1-6	FAMILY HEIGHT			
76	1-6				
77	1-2	HOUSEHOLD SIZE	ALL	Two Implied Decimal Places, Right Justified, Space Filled (01)	
78	1-6	NUMBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Persons in Household	01-39
79	1-6	PADDING	ALL	Number of Families	00-39
80	1-2	FAMILY EARNINGS HEIGHT	HHS=4,0	Two Implied Decimal Places, Right Justified, Space Filled (01)	
80	3-6	TOTAL WEEKLY FAMILY EARNINGS	HHS=4,0	Not in Primary Family Usual Weekly Family Earnings	Blank 0000-9999

-End of Basic CPS Record-

ATTACHMENT 7

CURRENT POPULATION SURVEY  
CHILDREN'S INTERVIEW RECORD LAYOUT  
(BEGINNING JANUARY 1984)  
FOR STANDARD TAPE COPIES

Page 1

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

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

-more-

Word	Char.	Characteristic	Universe	Description
3	5	Division (From H.S.T.)	All	<div> <div>Region 1</div> <div>Region 2</div> <div>Region 3</div> <div>Region 4</div> </div>
5-6		State (1st digit of State Code is Division Code) (From H.S.T.)	All	<div> <div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div> <div> <div>21</div> <div>22</div> <div>23</div> </div> </div>

-more-

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

-more-



Word	Char.	Characteristic	Unifying	Description	
3	3-6	State (1st digit of State Code in Division Code) (From M.S.T.) (Con't)	All		
				<u>West South Central Division</u>	71
				Arkansas	72
				Louisiana	73
				Oklahoma	74
				Texas	75
				<u>Mountain Division</u>	81
				Montana	82
				Idaho	83
				Wyoming	84
				Colorado	85
				New Mexico	86
				Arizona	87
				Utah	88
				Nevada	89
				<u>Pacific Division</u>	91
				Washington	92
				Oregon	93
				California	94
				Alaska	95
				Hawaii	

-more-

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

--more--

Word	Char.	Characteristic	Universe	Description
1-2		State Rankings (Cont.) (From H.S.T.)	All	
				Oregon 31
				Arkansas 32
				Arizona 33
				West Virginia 34
				Nebraska 35
				Utah 36
				New Mexico 37
				Maine 38
				Rhode Island 39
				Hawaii 40
				District of Columbia 41
				New Hampshire 42
				Idaho 43
				Montana 44
				South Dakota 45
				North Dakota 46
				Delaware 47
				Nevada 48
				Vermont 49
				Wyoming 50
				Alaska 51

-more-

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

-more-

**—WIRE—**

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

-more-

Word	Char	Characteristic	Universe	Description
0	1	Land Usage (Recode) (Filled using Urban/Rural Code from H.S.T. and CP3-1 Document Item 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition. (Starting April 1984 - Reflects new farm definitions).	All	Nonfarm Farm
2-3		Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	<div> <div>Housing Unit</div> <div>House, apt., flat</div> <div>HU in nontransient hotel, etc.</div> <div>HU, permanent, in trans. hotel, motel, etc.</div> <div>HU in rooming house</div> <div>Mobile home or Trailer</div> <div>HU not specified above</div> <div>Other Unit</div> <div>Qtr. not HU in rooming or boarding house</div> <div>Unit not permanent in trans. hotel, motel, etc.</div> <div>Tent or trailer site</div> <div>Other not HU</div> </div>
4		'New' Farm Definition (Recode) Effective February 1976. (Filled using Urban/Rural Code from H.S.T. and CP3-1 Document Item 5a. and 5b.)	All	Nonfarm Farm

Word	Char.	Characteristic	Universe	Description
0	5	Blank		
	6	Item 9 - HOUSEHOLD NUMBER	All	
9	1	} PADDING		
Through				
16	3			

1-8

-more-



Word	Char.	Character/Field	Universe	Description	
6	4-5	Item 18A - LINE NUMBER	All		00-39
6		Item 18B - 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) 4 Non-relative-own relatives in household 5 Non-relative-no own relatives in household 6	
7	1-2	Item 18D - AGE	Child (0-13 Years)		00-13
3		PADDING			
4		Item 18J - RACE (Recode)	All	White 1 Black 2 Other 3	
5		Item 18G - SEX	All	Male 1 Female 2	
6		PADDING			
1-3		PADDING			
4		Program Signal	All	1 Child in Household 1 2 or more children in household 2	
5		Blank			
6		Item 18B - Relationship to Head of household-expanded - (Edited using Head's and child's Relationship to Reference Person)	Child (0-13 years old)	Own Child 1 Brother/Sister 2 Other relative 3 Non-relative - own relatives in household 4 Non-relatives-no own relatives in household 5	
8					-more-

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

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

-more-

Word	Char.	Characteristic	Universe	Description
26	5	Item 181 - ETHNICITY (Recode)	All	<div> <div>1 Mexican American</div> <div>2 Chicano</div> <div>3 Mexican (Mexicano)</div> <div>4 Puerto Rican</div> <div>5 Cuban</div> <div>6 Central or South American</div> <div>7 Other Spanish</div> <div>8 All other</div> <div>9 Do Not Know</div> <div>NA</div> </div>
	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4 } 5 }	PADDING		
	6	BLANK		
28	1 } Through } 50 }	PADDING		

-more-

Word Char. Characteristic

Universe

Description

Unedited Basic CRS Transcription Items 1/

59. 1 Item 27

Tenure (Unedited)

All

Owned or being bought

6

Rented

7

No cash rent

8

No entry

Blank

59. 2 Item 28

Total Family Income (Unedited)

All

0

Under \$5,000

1

\$5,000 - 7,499

2

\$7,500 - 9,999

3

\$10,000 - 12,499

4

\$12,500 - 14,999

5

\$15,000 - 17,499

6

\$17,500 - 19,999

7

\$20,000 - 24,999

8

\$25,000 - 29,999

9

\$30,000 - 34,999

A

\$35,000 - 39,999

B

\$40,000 - 49,999

C

\$50,000 - 74,999

D

\$75,000 and Over

Blank

No Entry

Blank

Yes

No

Blank

Yes

No

Blank

Yes

No

Item 29A - Telephone in household (transcribe from control card item 30a) Unedited 2/

Item 29B - Telephone available (transcribe from control card item 30b) Unedited 2/

Item 29C - Telephone interview acceptable (transcribe from control card item 30d) Unedited 2/

PADDING

64 thru 66

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

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

ATTACHMENT E (Interview Children)

PAGE 17

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

## ATTACHMENT E (Interview Children)

PAGE 18

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 Value 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			

ATTACHMENT B (Interview Children)

PAGE 19

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
71	1-2	PADDING			
3		RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
4		ORIGIN ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
5 thru 72	3	PADDING			
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 HD 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS HAGE 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	ALL	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time	0 1 2 3 4
3		LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
4		LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
5		NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8 9



## ATTACHMENT E (Interview Children)

WORD CHAR. CHARACTERISTIC		UNIVERSE		DESCRIPTION	PAGE 20 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 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 9+ 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  
NONINTERVIEW TYPE A RECORD LAYOUT  
FOR STANDARD TAPE COPIES  
(BEGINNING JANUARY 1984)**

Attachment

Page 1

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

-more-

Attachment B

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u>	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	
				<u>East North Central Division</u>	31
				Ohio	32
				Indiana	33
				Illinois	34
				Michigan	35
				Wisconsin	
				<u>West North Central Division</u>	41
				Minnesota	42
				Iowa	43
				Missouri	44
				North Dakota	45
				South Dakota	46
				Nebraska	47
				Kansas	

-more-

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

-more-

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

-more-

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

-more-



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

-more-

Word	Char.	Characteristic	Universe	Description	-- or 10-29
6	3-4	Item 11 - DATE COMPLETED	All	Day of Month	
	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
	3-5	PADDING			
	6	Blank			
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition. (Starting April 1984, reflects new farm definitions)	All	Nonfarm Farm	1 2, 3
	2-3	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

-more-

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

Word	Char.	Characteristic	Universe	Description	
20	4-5	Month	All		01-12
	6	Year - Last Dight	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
23	All	Blank			
24	1	Blank			
	2-3	PADDING			
	4-6	JRCERR			
25	1-2	Blank			
	3	PADDING			
	4-6	Blank			
26	1	SMSA Status Code	All	SMSA Non SMSA Not Identifiable	1 2 3
	2	Central City Status Code	All	Central city Balance of SMSA Non SMSA Not Identifiable	1 2 3 4

No. of errors charged to  
enumerator  
000-999

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description
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BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	All	
	2	4		
	3	5b		
	4	9		
53 Thru 54	5	Padding		
	2			
54	3	14 - Race		
54 Thru 58	4	Padding		
	5			
58	6	Geographic Identification		
59 Thru 80	1	Padding		
	6			

Not Allocated  
Allocated

0  
1

END OF BASIC CPS RECORD

**CURRENT POPULATION SURVEY  
NONINTERVIEW TYPE B-C RECORD LAYOUT  
FOR STANDARD TAPE COPIES  
(Beginning January 1984)**

Attachment

Page 1

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

-more-

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

-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-

Attachment C

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	Pacific Division Washington Oregon California Alaska Hawaii
4	1-2	State Rankings (From M.S.T.)	All	<div> <div>1970 Ranking</div> <div> 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 </div> </div> <div> California New York Pennsylvania Texas Illinois Ohio Michigan New Jersey Florida Massachusetts Indiana North Carolina Missouri Virginia Georgia Wisconsin Tennessee Maryland Minnesota Louisiana Alabama Washington Kentucky Connecticut Iowa South Carolina </div>

-more-

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

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	Fort Worth, Texas Birmingham, Ala. Albany-Schenectady-Troy, N.Y. Norfolk-Portsmouth, Va. Akron, Ohio Gary-Hammond-East Chicago, Ind. Greensboro-Winston-Salem High Point, N.C.	44 45 46 48 49 53 57
5		Item 1 - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1	1 2 3 4
5	1-3	Blank			
5	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or 000-M99 (Excluding I--)
6	1	Item 12 - LINE NO. H'ILD RESP.	All	Blank or Impossible	1-6 7
6	2	Item 13 - TYPE INTERVIEW	All	Non H'hld Resp. Noninterview	1

-more-

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

-more-

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

-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 through 19	1 2	PADDING		1-8
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	001 or 001-999 9XX Assigned If Breaker was missing
			-more	



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 B-C" Sub Sample 1 2-4
23	All	Blank		
24	1	Blank		
	2-3	PADDING		
	4-6	JRCERR		
25	1-2	Blank		No. of errors charged to enumerator 000-999
	3	PADDING		
	4-6	Blank		
26	1	SMSA Status Code	All	SMSA Non SMSA Not Identifiable 1 2 3
	2	Central City Status Code	All	Central city Balance of SMSA Non SMSA Not Identifiable 1 2 3 4

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description
BASIC CPS ALLOCATION FLAGS				
53	1	Item 5a	All	Not Allocated Allocated
	2	4		
	3	5b		
	4	9		
	5	PADDING		
53 Thru 58	5			
58	6	Geographic Identification		
59 Thru 80	1	PADDING		
	6			

END OF BASIC CPS RECORD

ATTACHMENT 10

CURRENT POPULATION SURVEY  
ARMED FORCE'S INTERVIEW RECORD LAYOUT  
(BEGINNING JANUARY 1984)  
FOR STANDARD TAPE COPIES

Page 1

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

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

-more-

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

-more-

Word	Chart	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code in Division Code) (From H.S.T.) (Cont.)	All	
				<u>East North Central Division</u>
				Ohio
				Indiana
				Illinois
				Michigan
				Wisconsin
				<u>West North Central Division</u>
				Minnesota
				Iowa
				Missouri
				North Dakota
				South Dakota
				Nebraska
				Kansas
				<u>South Atlantic Division</u>
				Delaware
				Maryland
				District of Columbia
				Virginia
				West Virginia
				North Carolina
				South Carolina
				Georgia
				Florida
				<u>East South Central Division</u>
				Kentucky
				Tennessee
				Alabama
				Mississippi

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code in Division Code) (From U.S.F.) (Cont.)	All		
				<u>West South Central Division</u>	71
				Arkansas	72
				Louisiana	73
				Oklahoma	74
				Texas	
				<u>Mountain Division</u>	
				Montana	01
				Idaho	02
				Wyoming	03
				Colorado	04
				New Mexico	05
				Arizona	06
				Utah	07
				Nevada	08
				<u>Pacific Division</u>	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

-more-

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



Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Cont) (From H.S.T.)	All	<p>Oregon 31</p> <p>Arkansas 32</p> <p>Arizona 33</p> <p>West Virginia 34</p> <p>Nebraska 35</p> <p>Utah 36</p> <p>New Mexico 37</p> <p>Maine 38</p> <p>Rhode Island 39</p> <p>Hawaii 40</p> <p>District of Columbia 41</p> <p>New Hampshire 42</p> <p>Idaho 43</p> <p>Montana 44</p> <p>South Dakota 45</p> <p>North Dakota 46</p> <p>Delaware 47</p> <p>Nevada 48</p> <p>Vermont 49</p> <p>Wyoming 50</p> <p>Alaska 51</p>

-more-

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

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description
5	1-3	blank		
4-6		Item 10 - INTERVIEWER CODE	All	
6	1	Item 12 - LINE NO. H'HD RESP.	All	Blank or Impossible in any digit -NA, or App-199 (Excluding I--)
2		Item 13 - TYPE INTERVIEW	All	Blank or Impossible Non H'hd Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled
3-4		Item 11 - DATE COMPLETED	All	Day of Month
5-6		PADDING		
7	1-5	PADDING		
6		BLANK		

-more-

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

--more--

Word	Char.	Characteristic	Universe	Description
8	5	Blank		
6	6	Item 9 - HOUSEHOLD NUMBER	All	1-8
9	1	Through 18	PADDDING	
	6			

Field	Character	Characteristics	Universo	Description
19	1-3	PADDING		
	4-6	Document Count (Within Work Unit)	All	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	001 or 001-99 9XX Assigned If Breaker was missing
	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
21	All	Final Weight	All	Two Understood Decimal Places. (Right justified, space fill -01)
22				
23	1-6	PADDING		

-- more --

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

--MORE--



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

-more-

ATTACHMENT D (Armed Forces)

PAGE 15

WORO CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
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	10-99
3	Item 10E - 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 10F - SPOUSE'S LINE NUMBER	All	None Spouse's line number	00 01-39
6	Item 10G - SEX	All	Male Female	1 2

## ATTACHMENT D (Armed Forces)

PAGE 16

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	PADDING			
2-3		Item 10I - HIGHEST GRADE (of school) ATTENDED	ALL	None E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 C1 C2 C3 C4 C5 C6+	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
4		Item 10I - GRADE COMPLETED	ALL	Yes No	1 2
5		Item 10J - RACE	ALL	White Black Other	1 2 3
6		PADDING			
1-2		PADDING			
3-4		FAMILY MEMBER	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

WORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
69	1-4		PADDING	
5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
70	1		PARENT'S LINE NUMBER ALLOCATION FLAG	
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 Blank to Value Old Value to New Value	0 1 2
5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
6	PADDING			
71	1		HIGHEST GRADE ATTENDED ALLOCATION FLAG	
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	ORIGIN ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
72	5 thru 3		PADDING	

## ATTACHMENT D (Armed Forces)

PAGE 18

WORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
72 4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member 0 25 Years Old 1 25-44 Years Old 2 45-54 Years Old 3 55-64 Years Old 4 65+ Years Old 5	
5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family 00 Number Individuals with WD 104'S=1,13 01-39	
73 1	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 Not Self-Employed 9 Other Household Member Self-Employed 10 With Wage and Salary Workers Only 11	
2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	ALL	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	
3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male 0 Employed Earner 1 Self Employed 2 Without Pay 3 Unemployed 4 Not in Labor Force 5 Armed Forces 6	
4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female 0 Employed Earner 1 Self Employed 2 Without Pay 3 Unemployed 4 Not in Labor force 5 Armed Forces 6	
5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family 0 No Earners 1-8 1-8 Earners 9+ Earners 9	

## ATTACHMENT D (Armed Forces)

PAGE 19

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

## ATTACHMENT D (Armed Forces)

PAGE 20

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
74	5-6	PADDING			
75	1-6	FAMILY HEIGHT	ALL	Two Implied Decimal Places, Right Justified, Space Filled (01)	
76	1-6				
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	1-6	FAMILY EARNINGS HEIGHT	HIS-4.8	Two Implied Decimal Places, Right Justified, Space Filled (01)	
79	1-6				
80	1-2	PADDING			
	3-6	TOTAL WEEKLY FAMILY EARNINGS	HIS-4.8	Not in Primary Family Usual Weekly family Earnings	Blank 0000-9999

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

ATTACHMENT 11  
CURRENT POPULATION SURVEY  
OCTOBER 1984 EDUCATION SUPPLEMENT  
ADULT RECORD

...INTERVIEW RECORDS ONLY...

\*\*\*\*\*

EDITED DATA — NONBASIC

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WORD: 81	CHAR: 2	I29	INTERVIEW CHECK ITEM 1 = YES 2 = NO 9 = BLANK I = N.I.U.
WORD: 81	CHAR: 3	I38	TAKING COURSES BESIDES COLLEGE 1 = YES 2 = NO 9 = BLANK I = N.I.U.
WORD: 81	CHAR: 4	I35	WHILE ATTENDING COLLEGE ... LIVES 1 = HERE 2 = IN COLLEGE HOUSING 3 = SOMEPLACE ELSE 9 = BLANK I = N.I.U.
WORD: 81	CHAR: 5	I36	WITH WHOM DOES ... LIVE WHILE ATTENDING COLLEGE 1 = WITH PARENTS 2 = WITH SPOUSE OR OWN CHILDREN 3 = WITH OTHER RELATIVES 4 = WITH PERSONS NOT RELATED TO 5 = BY HIMSELF 9 = BLANK I = N.I.U.
WORD: 81	CHAR: 6	I37	WHAT TYPE OF LIVING QUARTERS DOES ... LIVE IN 1 = HOUSE OR APARTMENT OF SCHOOL 2 = DORMITORY 3 = FRATERNITY OR SORORITY 4 = OTHER 9 = BLANK I = N.I.U.
WORD: 82	CHAR: 1	I44	IS THERE A COMPUTER IN THIS HOUSEHOLD 1 = YES 2 = NO 9 = BLANK I = N.I.U.



WORD: 82 CHAR: 2 I45

IN WHAT YEAR WAS COMPUTER PURCHASED

- 1 = 1984
- 2 = 1983
- 3 = 1982
- 4 = 1981
- 5 = 1980
- 6 = BEFORE 1980
- 7 = DON'T KNOW
- 9 = BLANK
- I = N.I.U.

WORD: 82 CHAR: 3 I46

INTERVIEWER CHECK ITEM ENTRY IN 20A  
OR 21B

- 1 = YES
- 2 = NO

WORD: 82 CHAR: 4 I47

DOES ... DIRECTLY USE A COMPUTER AT WORK

- 1 = YES
- 2 = NO
- 9 = N.A.
- I = N.I.U.

WORD: 82 CHAR: 5 I48

CHECK ITEM - ENTRY OF YES IN I30

- 1 = YES
- 2 = NO
- 9 = N.A.
- I = N.I.U.

WORD: 82 CHAR: 6 I49

DOES ... DIRECTLY USE A COMPUTER AT SCHOOL

- 1 = YES
- 2 = NO
- 3 = N.A.
- I = N.I.U.

WORD: 83 CHAR: 1 I50

CHECK ITEM - ENTRY OF YES IN I44

- 1 = YES
- 2 = NO
- 9 = N.A.
- I = N.I.U.

WORD: 83 CHAR: 2 I51

DOES ... DIRECTLY USE A COMPUTER AT HOME

- 1 = YES
- 2 = NO
- 9 = N.A.
- I = N.I.U.

WORD: 83 CHAR: 3 I52(A)

HOME - DOES ... USE COMPUTER FOR

- 1 = VIDEO GAMES
- I = N.I.U.

WORD: 83 CHAR: 4 I52(B)

HOME - DOES ... USE COMPUTER FOR

- 1 = SCHOOL ASSIGNMENTS
- 2 = N.I.U.

WORD: 83	CHAR: 5	I52(C)	HOME - DOES ... USE COMPUTER FOR 1 = HOUSEHOLD RECORD KEEPING, TAXES, ETC 2 = N.I.U.
WORD: 83	CHAR: 6	I52(D)	HOME - DOES ... USE COMPUTER FOR 1 = JOB OR BUSINESS RELATED I = N.I.U.
WORD: 84	CHAR: 1	I52(E)	HOME - DOES ... USE COMPUTER FOR 1 = WORDPROCESSING 2 = N.I.U.
WORD: 84	CHAR: 2	I52(F)	HOME - DOES ... USE COMPUTER FOR 1 = LEARNING TO USE COMPUTER 2 = N.I.U.
WORD: 84	CHAR: 3	I52(G)	HOME - DOES ... USE COMPUTER FOR 1 = OTHER USES NOT LISTED 9 = N.A. IN ALL CATEGORIES I = N.I.U.
WORD: 84	CHAR: 4-5	I53	DURING LAST MONTH, DAYS OF USE 01 = 7 DAYS 02 = 6 DAYS 03 = 5 DAYS 04 = 4 DAYS 05 = 3 DAYS 06 = 2 DAYS 07 = 1 DAY 08 = LESS THAN ONCE A WEEK 09 = HAS NOT USED IT IN LAST MONTH 10 = DON'T KNOW 99 = N.A. II = N.I.U.
WORD: 84	CHAR: 6	I54	INTERVIEW CHECK ITEM - RESPONDENT 1 = SELF 2 = OTHER 9 = N.A. I = N.I.U.

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EDITED (GROWNUP PROGRAM)

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WORD: 85	CHAR: 1	I30	SCHOOL ENROLLMENT 1 = ATTENDING 2 = NOT ATTENDING I = N.I.U.
WORD: 85	CHAR: 2	I31	PUBLIC OR PRIVATE SCHOOL (I30=1) 1 = PUBLIC 2 = PRIVATE - = N.A. I = N.I.U.

WORD: 85 CHAR: 3-4 I32

GRADE ATTENDING (I30=1)

NOTE: CODES IN  
PARENTHESIS ARE  
THE CODES FOR  
CHILDREN

01 = E1 (5)  
02 = E2 (6)  
03 = E3 (7)  
04 = E4 (8)  
05 = E5 (9)  
06 = E6 (10)  
07 = E7 (11)  
08 = E8 (12)  
09 = H1 (13)  
10 = H2 (14)  
11 = H3 (15)  
12 = H4 (16)  
13 = C1  
14 = C2  
15 = C3  
16 = C4  
17 = C5  
18 = C6+  
19 = SPECIAL SCHOOL (17)  
I = N.I.U.

WORD: 85 CHAR: 5 I33

ATTENDING COLLEGE FULL-TIME OR PART-TIME

1 = FULL-TIME  
2 = PART-TIME  
- = N.A.  
I = N.I.U.

WORD: 85 CHAR: 6 I39

ENROLLED IN REGULAR SCHOOL  
OCTOBER 1983

1 = YES  
2 = NO  
- = N.A.  
I = N.I.U.

WORD: 86 CHAR: 1 I41

INTERVIEW CHECK ITEM

1 = HIGH SCHOOL GRADUATE  
2 = NOT HIGH SCHOOL GRADUATE - 14-24  
3 = NOT HIGH SCHOOL GRADUATE 25+  
- = N.A.  
I = N.I.U.

WORD: 86 CHAR: 2 I42

LAST ATTENDED REG. SCHOOL

1 = 1984  
2 = 1983  
3 = 1982  
4 = 1981  
5 = 1980  
6 = 1979 OR EARLIER  
7 = NEVER ATTENDED

WORD: 86 CHAR: 3 I43

WHEN GRADUATED FROM H.S.

2 = 1984

3 = 1983

4 = 1982

5 = 1981

6 = 1980

7 = 1979 OR EARLIER

I = N.I.U.

WORD: 86 CHAR: 4 I40

INTERVIEWER CHECK ITEM

1 = 14-34 YEARS

2 = 35+

I = N.I.U.

WORD: 86 CHAR: 5 I34

IS THIS A TWO-YEAR OR A FOUR YEAR COLLEGE/  
UNIVERISTY

1 = 2-YEAR

2 = 4-YEAR

I = N.I.U.

WORD: 86 CHAR: 6

PADDING

WORD: 87 CHAR: 1

THRU  
WORD: 88

OCTOBER SUPPLEMENT WEIGHT

WORD: 89 CHAR: 1

THRU  
WORD: 90

PADDING

WORD: 91 CHAR: 1

THRU  
WORD: 92

OCTOBER CPS 1985 BASE REWEIGHT

WORD: 93 CHAR: 1

THRU  
WORD: 115

CHAR: 6

OCTOBER SUPPLEMENT REWEIGHT

ATTACHMENT 12

CURRENT POPULATION SURVEY  
OCTOBER, 1984 EDUCATION SUPPLEMENT  
CHILDREN'S SUPPLEMENT

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EDITED NON-BASIC DATA

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WORD: 81	CHAR: 1		
THRU			PADDING
WORD: 82	CHAR: 5		
WORD: 82	CHAR: 6	I59	DOES ... DIRECTLY USE COMPUTER AT SCHOOL
			1 = YES
			2 = NO
			9 = N.A.
			I = N.I.U.
WORD: 83	CHAR: 1		PADDING
WORD: 83	CHAR: 2	I60	DOES ... DIRECTLY USE COMPUTER AT HOME
			1 = YES
			2 = NO
			9 = N.A.
			I = N.I.U.
WORD: 83	CHAR: 3	I61(A)	AT HOME ... USES COMPUTER FOR
			1 = VIDEO GAMES
			I = N.I.U.
WORD: 83	CHAR: 4	I61(B)	AT HOME ... USES COMPUTER FOR
			1 = SCHOOL ASSIGNMENTS
			I = N.I.U.
WORD: 83	CHAR: 5		
THRU			PADDING
WORD: 84	CHAR: 1		
WORD: 84	CHAR: 2	I61(F)	AT HOME ... USES COMPUTER FOR
			1 = LEARNING TO USE COMPUTER
			I = N.I.U.
WORD: 84	CHAR: 3	I61(G)	AT HOME ... USES COMPUTER FOR
			1 = OTHER USES NOT LISTED ABOVE
			9 = N.A. IN ALL CATEGORIES
			I = N.I.U.

WORD: 84 CHAR: 4-5 I62

DURING LAST MONTH, AVERAGE DAYS PER  
WEEK COMPUTER USED AT HOME

01 = 7 DAYS  
02 = 6 DAYS  
03 = 5 DAYS  
04 = 4 DAYS  
05 = 3 DAYS  
06 = 2 DAYS  
07 = 1 DAY  
08 = LESS THAN ONCE A WEEK  
09 = NOT USED IN LAST MONTH  
10 = DON'T KNOW  
99 = N.A.  
— = N.I.U.

WORD: 84 CHAR: 6

PADDING

\*\*\*\*\*

EDITED BASIC DATA

\*\*\*\*\*

WORD: 85 CHAR: 1 I56

ATTENDING OR ENROLLED UNIV: AGE = 3-13  
IN SCHOOL

1 = YES  
2 = NO  
— = N.I.U.

WORD: 85 CHAR: 2 I57

PUBLIC OR PRIVATE UNIV: I56 = YES  
SCHOOL

1 = PUBLIC  
2 = PRIVATE  
— = N.I.U.

WORD: 85 CHAR: 3-4 I58

GRADE OR YEAR UNIV: I56 = YES  
ATTENDING

01 = NURSERY, FULL-DAY  
02 = NURSERY, HALF-DAY  
03 = KINDERGARTEN, FULL-DAY  
04 = KINDERGARTEN, HALF-DAY  
05 = E1  
06 = E2  
07 = E3  
08 = E4  
09 = E5  
10 = E6  
11 = E7  
12 = E8  
13 = H1  
14 = H2  
15 = H3  
16 = H4  
17 = SPEC.SCH.  
— = NA, BLANK

WORD: 85 CHAR: 5 I55

INTERVIEWER CHECK

1 = 0-2 YEARS

2 = 3-13 YEARS

WORD: 85 CHAR: 6  
THRU

PADDING

WORD: 88 CHAR: 6

WORD: 89 CHAR: 1  
THRU

PRINCIPAL PERSONS WEIGHT


WORD: 90 CHAR: 6

WORD: 91 CHAR: 1  
THRU

PADDING

WORD: 115 CHAR: 6

## Questionnaire Facsimile

<b>INTERVIEWER CHECK ITEM</b> Only CPS-1 for household <input type="checkbox"/> First CPS-1 of continuation h'hold <input type="checkbox"/> Second CPS-1 of continuation h'hold <input type="checkbox"/> Third, fourth, and 5th CPS-1 <input type="checkbox"/>	<b>FORM CPS-1</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> Bureau of the Census	<b>CONTROL NUMBER</b>			
	<b>CURRENT POPULATION SURVEY</b> <small>Form Approved - O.M.B. No. 0607-0049</small>		<small>Formic 26.1:1</small>	<small>PSU</small>	<small>SEGMENT</small>

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

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

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**INTERVIEW**

ANY ENTRY OTHER THAN **NEVER WORKED IN ITEMS** Yes ☐  
 23A-E in this CPS-1 No ☐

**NONINTERVIEW**

TYPE A ☐  
 TYPE B ☐  
 TYPE C ☐

*(SEND INTER COMM)*

CURRENT

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

POPULATION

SURVEY

OCTOBER 1984



**FILL TRANSCRIPTION ITEMS 18A-K IN ALL HOUSEHOLDS.**

FIRST CHILD			
18A. LINE NO.	18B. RELATIONSHIP TO REF. PERS.	18C. PAR'S LINE NO.	58. What grade or year is... attending? (If nursery or kindergarten, ask if full-day or part-day)
	Own child Brother/Sister Other rel. of Ref. Person Non-rel. of Ref. Person with OWN relatives in household Non-rel. of Ref. Person-NO OWN rels. in H.H.		Nursery Full-day Part-day Kindergarten Full-day Part-day Elementary or secondary E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 Special School
			The next set of questions has to do with... DIRECT or "HANDS ON" use of computers with typewriter-like keyboards. These questions do NOT refer to hand-held computers or computer games which do not have a typewriter keyboard.
			59. Does... directly use a computer at school? Yes No
18D. AGE	18G. SEX Male Female	18K. ORIGIN	60. Does... directly use a computer at home? Yes (Ask 61) No (End questions)
	18J. RACE 1. White 2. Black 3. Amer. Ind., Aleut, Eskimo 4. Asian or Pac. Isl. 5. Other		61. At home does... use the computer for: (Read categories - Mark all that apply) Video games School assignments Learning to use the computer Other uses not listed above
55. INTERVIEWER CHECK ITEM Entry in CC Item 18 is: 0 to 2 (Go to next child) 3 to 13 (Ask 56)			
56. Is... attending or enrolled in school? Yes (Ask 57) No (Skip to 60)			
57. Is... enrolled in public or private school? Public Private (Include parochial)			

FIRST ARMED FORCES MEMBER (Fill only in interview household for persons with "AF" in CC Item 22.)					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERS.	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	
	Reference Person WITH other relatives in h' hld Reference Person with NO other relatives in h' hld Husband Wife Own child Parent Brother/Sister Other rel. of Ref. Person Non-rel. of Ref. Person WITH OWN relatives in household Non-rel. of Ref. Person with NO OWN relatives in household			Married-civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	
18F. SPOUSE'S LINE NO.	18G. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
		E H C 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 None	Yes No	1. White 2. Black 3. Amer. Indian, Aleut, Eskimo 4. Asian or Pac. Isl. 5. Other	

SECOND CHILD			
18A. LINE NO.	18B. RELATIONSHIP TO REF. PERS.	18C. PAR'S LINE NO.	58. What grade or year is... attending? (If nursery or kindergarten, ask if full-day or part-day)
	Own child Brother/Sister Other rel. of Ref. Person Non-rel. of Ref. Person with OWN relatives in household Non-rel. of Ref. Person-NO OWN rels. in H.H.		Nursery Full-day Part-day Kindergarten Full-day Part-day Elementary or secondary E1 E2 E3 E4 E5 E6 E7 E8 H1 H2 H3 H4 Special School
			The next set of questions has to do with... DIRECT or "HANDS ON" use of computers with typewriter-like keyboards. These questions do NOT refer to hand-held computers or computer games which do not have a typewriter keyboard.
			59. Does... directly use a computer at school? Yes No
18D. AGE	18G. SEX Male Female	18K. ORIGIN	60. Does... directly use a computer at home? Yes (Ask 61) No (End questions)
	18J. RACE 1. White 2. Black 3. Amer. Ind., Aleut, Eskimo 4. Asian or Pac. Isl. 5. Other		61. At home does... use the computer for: (Read categories - Mark all that apply) Video games School assignments Learning to use the computer Other uses not listed above
55. INTERVIEWER CHECK ITEM Entry in CC Item 18 is: 0 to 2 (Go to next child) 3 to 13 (Ask 56)			
56. Is... attending or enrolled in school? Yes (Ask 57) No (Skip to 60)			
57. Is... enrolled in public or private school? Public Private (Include parochial)			

SECOND ARMED FORCES MEMBER (If more than 2 AF persons in household, use continuation CPS-1 document.)					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERS.	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	
	Reference Person WITH other relatives in h' hld Reference Person with NO other relatives in h' hld Husband Wife Own child Parent Brother/Sister Other rel. of Ref. Person Non-rel. of Ref. Person WITH OWN relatives in household Non-rel. of Ref. Person with NO OWN relatives in household			Married-civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	
18F. SPOUSE'S LINE NO.	18G. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
		E H C 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 None	Yes No	1. White 2. Black 3. Amer. Indian, Aleut, Eskimo 4. Asian or Pac. Isl. 5. Other	



<b>18. LINE NUMBER</b>  <b>19. What was ... doing most of LAST WEEK -</b> Working <input checked="" type="checkbox"/> Keeping house <input type="checkbox"/> Going to school or something else? <input type="checkbox"/> Working (Skip to 20A) ... WK With a job but not at work ... J Looking for work ... LK Keeping house ... H Going to school ... S Unable to work (Skip to 24) ... U Retired ... R Other (Specify) ... OT	<b>20. Did ... do any work at all LAST WEEK, not counting work around the house?</b> <i>(Note: If farm or business operator in hh., ask about unpaid work.)</i> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Go to 21) <b>20A. How many hours did ... work LAST WEEK at all jobs?</b> 49+ (Skip to Item 23) 1-34 (Go to 20C) 35-48 (Go to 20D) <b>20B. INTERVIEWER CHECK ITEM</b> 49+ (Skip to Item 23) 1-34 (Go to 20C) 35-48 (Go to 20D) <b>20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> How many hours did ... take off? <i>(Correct 20A if lost time not already deducted; if 20A reduced below 35, correct 20B and fill 20C; otherwise, skip to 23.)</i> No <input type="checkbox"/> <input checked="" type="checkbox"/> <b>20E. Did ... work any overtime or at more than one job LAST WEEK?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> How many extra hours did ... work? <i>(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)</i> No <input type="checkbox"/> <input checked="" type="checkbox"/> (Skip to 23)	<b>21. (If 1 in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 22) <b>21A. Why was ... absent from work LAST WEEK?</b> Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Bad weather <input type="checkbox"/> Labor dispute <input type="checkbox"/> New job to begin within 30 days <input type="checkbox"/> (Skip to 22B and 22C2) Temporary layoff (Under 30 days) <input type="checkbox"/> Indefinite layoff (30 days or more or no def. recall date) <input type="checkbox"/> (Skip to 22C3) Other (Specify) ... <b>21B. Is ... getting wages or salary for any of the time off LAST WEEK?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Self-employed <input type="checkbox"/> <b>21C. Does ... usually work 35 hours or more a week at this job?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>(Skip to 23 and enter job held last week)</i>	<b>22. (If LK in 19, skip to 22A.) Has ... been looking for work during the past 4 weeks?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 24) <b>22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)</b> Checked with - Pub. employ. agency <input type="checkbox"/> Pvt. employ. agency <input type="checkbox"/> Employer directly <input type="checkbox"/> Friends or relatives <input type="checkbox"/> Placed or answered ads <input type="checkbox"/> Nothing (Skip to 24) <input type="checkbox"/> Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) <input type="checkbox"/> <b>22B. Why did ... start looking for work? Was it because ... lost or quit a job at that time (pause) or was there some other reason?</b> Lost job <input type="checkbox"/> Quit job <input type="checkbox"/> Left school <input type="checkbox"/> Wanted temporary work <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> <b>22C. 1) How many weeks has ... been looking for work?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>2) How many weeks ago did ... start looking for work?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>3) How many weeks ago was ... laid off?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>22D. Has ... been looking for full-time or part-time work?</b> Full <input type="checkbox"/> Part <input checked="" type="checkbox"/> <b>22E. Is there any reason why ... could not take a job LAST WEEK?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Already has a job <input type="checkbox"/> Temporary illness <input type="checkbox"/> Going to school <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> <b>22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more?</b> Within last 12 months (Specify) (Month) <input type="checkbox"/> One to five years ago <input type="checkbox"/> More than 5 years ago <input type="checkbox"/> Never worked full-time 2 wks. or more <input type="checkbox"/> Never worked at all <input type="checkbox"/> <i>(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.")</i>	<b>24. INTERVIEWER CHECK ITEM (Rotation number)</b> First digit of SEGMENT number is: 1, 2, 3, 5, 6 or 7 (Skip to 26) 4 or 8 (Go to 24A) <b>24A. When did ... last work for pay at a regular job or business, either full- or part-time?</b> Within past 12 months <input type="checkbox"/> 1 up to 2 years ago <input type="checkbox"/> (Go to 24B) 2 up to 3 years ago <input type="checkbox"/> 3 up to 4 years ago <input type="checkbox"/> 4 up to 5 years ago <input type="checkbox"/> 5 or more years ago <input type="checkbox"/> (Skip to 24C) Never worked <input type="checkbox"/> <b>24B. Why did ... leave that job?</b> Personal, family (Incl. pregnancy) or school <input type="checkbox"/> Health <input type="checkbox"/> Retirement or old age <input type="checkbox"/> Seasonal job completed <input type="checkbox"/> Slack work or business conditions <input type="checkbox"/> Temporary nonseasonal job completed <input type="checkbox"/> Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/> Other <input type="checkbox"/> <b>24C. Does ... want a regular job now, either full- or part-time?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 24D) Maybe - it depends <input type="checkbox"/> (Specify in notes) No <input type="checkbox"/> (Skip to 24E) Don't know <input type="checkbox"/> <b>24D. What are the reasons ... is not looking for work? (Mark each reason mentioned)</b> Believes no work available in line of work or area <input type="checkbox"/> Couldn't find any work <input type="checkbox"/> Lacks nec. schooling, training, skills or experience <input type="checkbox"/> Employers think too young or too old <input type="checkbox"/> Other pers. handicap in finding job <input type="checkbox"/> Can't arrange child care <input type="checkbox"/> Family responsibilities <input type="checkbox"/> In school or other training <input type="checkbox"/> Ill health, physical disability <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> Don't know <input type="checkbox"/> <b>24E. Does ... intend to look for work of any kind in the next 12 months?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> It depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/> <i>(If entry in 24B, describe job in 23, otherwise, skip to 26)</i>	<b>25. INTERVIEWER CHECK ITEM (Rotation number)</b> First digit of SEGMENT number is: 1, 2, 3, 5, 6 or 7 (Skip to 26) 4 or 8 (Go to 25A) <b>25A. How many hours per week does ... USUALLY work at this job?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>25B. Is ... paid by the hour on this job?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Skip to 25D) <b>25C. How much does ... earn per hour?</b> Dollars <input type="checkbox"/> Cents <input type="checkbox"/> \$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (Ask 25D) <b>25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received.</b> \$ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <b>25E. On this job, is ... a member of a labor union or of an employee association similar to a union?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Skip to 26) No <input type="checkbox"/> (Ask 25F) <b>25F. On this job, is ... covered by a union or employee association contract?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 26)				
<b>23. DESCRIPTION OF JOB OR BUSINESS</b> <b>23A. For whom did ... work? (Name of company, business, organization or other employer.)</b> _____ <b>23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., farm.)</b> _____ <b>23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)</b> _____ <b>23D. What were ...'s most important activities or duties at this job? (For example: types, keeps account books, files, sells cars, operates printing press, finishes concrete.)</b> _____						<b>23E. Was this person</b> An employee of PRIVATE Co., bus. or individual for wages, salary or comm. ... P <input type="checkbox"/> A FEDERAL government employee ... F <input type="checkbox"/> (Go to 23F) A STATE government employee ... S <input type="checkbox"/> A LOCAL government employee ... L <input type="checkbox"/> Self-empl. in OWN bus., prof. practice, or farm <input type="checkbox"/> Is the business incorporated? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> SE <input type="checkbox"/> Working WITHOUT PAY in fam. bus. or farm ... WP <input type="checkbox"/> NEVER WORKED ... NEV <input type="checkbox"/> (Skip to 26)		<b>23F. INTERVIEWER CHECK ITEM</b> Entry (or NA) in item 20A <input type="checkbox"/> (Go to 25 at top of Page) Entry (or NA) in item 21B <input type="checkbox"/> All other cases <input type="checkbox"/> (Skip to 26)	

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON Reference Person WITH other relatives in household <input type="checkbox"/> Reference Person with NO other relatives in household Husband <input type="checkbox"/> Wife <input type="checkbox"/> Own child <input type="checkbox"/> Parent <input type="checkbox"/> Brother/Sister <input type="checkbox"/> Other rel. of Ref. Person <input type="checkbox"/> Non-rel. of Ref. Person WITH OWN relatives in household <input type="checkbox"/> Non-rel. of Ref. Person with NO OWN relatives in household <input type="checkbox"/>	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS Married — civilian spouse present <input type="checkbox"/> Married — Armed Forces spouse present <input type="checkbox"/> Married — spouse absent (Exclude separated) <input type="checkbox"/> Widowed <input type="checkbox"/> Divorced <input type="checkbox"/> Separated <input type="checkbox"/> Never married <input type="checkbox"/>	18F. SPOUSE'S LINE NUMBER	18G. SEX AND VETERAN STATUS Male (Also Mark Var. Status) <input type="checkbox"/> Vietnam Era Korean War World War II World War I Other Service Nonveteran Female <input type="checkbox"/>	18H. HIGHEST GRADE ATTENDED E H C None	18I. GRADE COMPLETED Yes <input type="checkbox"/> No <input type="checkbox"/>	18J. RACE 1. White <input type="checkbox"/> 2. Black <input type="checkbox"/> 3. Amer. Indian, Aleut, Eskimo <input type="checkbox"/> 4. Asian or Pacific Isl. <input type="checkbox"/> 5. Other <input type="checkbox"/>	18K. ORIGIN
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<b>26. INTERVIEWER CHECK ITEM</b> (Transcribe from control card item 18) This person is 16–24 years of age <input type="checkbox"/> (Ask 26A) All others <input type="checkbox"/> (End Questions)	<b>35. While attending college does ... live —</b> Here <input type="checkbox"/> (Skip to 37) In college housing <input type="checkbox"/> Someplace else <input type="checkbox"/> (Ask 36)	<b>LEAD IN:</b> The next set of questions has to do with ...'s DIRECT or "HAND'S ON" use of computers with typewriter-like keyboards. These questions do NOT refer to hand-held computers or computer games which do not have a typewriter keyboard. <b>NOTE:</b> Ask items 44 & 45 once of first respondent in household. Transcribe directly for following respondents and begin with 46.
<b>26A. (If 'School' in 19, Verify) Is ... attending or</b> <b>enrolled in a high school, college, or university?</b> (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation). Yes <input type="checkbox"/> (Verify) No <input type="checkbox"/> (End Questions) High School <input type="checkbox"/> (Ask 26B) College or Univ. <input type="checkbox"/>	<b>36. With whom does ... live while attending college?</b> With parents <input type="checkbox"/> With spouse or own children <input type="checkbox"/> With other relatives <input type="checkbox"/> (Skip to 38) With persons not related to <input type="checkbox"/> By himself <input type="checkbox"/>	<b>44. Is there a computer in this household?</b> Yes <input type="checkbox"/> (Ask 45) No <input type="checkbox"/> (Fill 46)
<b>26B. Is ... enrolled in school as a full-time</b> <b>or part-time student?</b> Full time <input type="checkbox"/> END QUESTIONS Part time <input type="checkbox"/>	<b>37. What type of living quarters does ... live in while</b> <b>attending school?</b> House or apartment owned or operated by the school <input type="checkbox"/> Dormitory <input type="checkbox"/> (Ask 38) Fraternity or sorority house <input type="checkbox"/> Other <input type="checkbox"/>	<b>45. In what year was the computer purchased?</b> (If more than one, answer for the most recent.) 1984 <input type="checkbox"/> 1981 <input type="checkbox"/> Before 1980 <input type="checkbox"/> 1983 <input type="checkbox"/> 1980 <input type="checkbox"/> Don't know <input type="checkbox"/> 1982 <input type="checkbox"/>
<b>REMEMBER: ASK THE L.F. ITEMS FOR ALL H.H.</b> <b>MEMBERS BEFORE ASKING THE SUPPLEMENT</b>		
<b>SUPPLEMENT QUESTIONS</b>		
<b>29. INTERVIEWER CHECK ITEM</b> (Transcribe from item 26A) Yes <input type="checkbox"/> Verify 30 Blank <input type="checkbox"/> Ask 30 No <input type="checkbox"/> Skip to 38	<b>38. (Besides those college courses) is ... taking</b> <b>any (other) courses, for personal development, for</b> <b>business or vocational job skills, or courses for general</b> <b>enjoyment or for credit toward a degree certificate</b> <b>or diploma? (Include correspondence course)</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>46. CHECK ITEM: Entry in item 20A or 21B (Working or with a job)</b> Yes <input type="checkbox"/> (Ask 47) No <input type="checkbox"/> (Skip to 48)
<b>30. Is ... attending or enrolled in school?</b> Yes <input type="checkbox"/> (Ask 31) No <input type="checkbox"/> (Skip to 38)	<b>39. Was ... attending or enrolled in a regular school or</b> <b>college in October 1983, that is, October of last year?</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>47. Does ... directly use a computer at work?</b> Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>31. Is ... enrolled in public or private school?</b> Public <input type="checkbox"/> Private <input type="checkbox"/>	<b>40. INTERVIEWER CHECK ITEM</b> Age 14–34 <input type="checkbox"/> (Fill 41) Age 35+ <input type="checkbox"/> (Skip to 44)	<b>48. CHECK ITEM: Entry of "Yes" in 30 (Enrolled in school)</b> Yes <input type="checkbox"/> (Ask 49) No <input type="checkbox"/> (Skip to 50)
<b>32. What grade or year is ... attending?</b> E1 E2 E3 E4 E5 E6 E7 E8 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (Skip to 39) H1 H2 H3 H4 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (Skip to 39) C1 C2 C3 C4 C5 C6+ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (If entry in item 26B skip to item 34 otherwise ask item 33) Special School <input type="checkbox"/> (Specify type and skip to 38)	<b>41. INTERVIEWER CHECK ITEM</b> (A) High School Graduate (Entries of "H4" and "Yes" in Control Card item 23a and 23b OR entry of "C1–C6+" in Control Card item 23a) <input type="checkbox"/> (Skip to 43) (B) Not High School Graduate Age 14–24 <input type="checkbox"/> (Ask 42) Age 25+ <input type="checkbox"/> (Skip to 44)	<b>49. Does ... directly use a computer at school?</b> Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>33. Is ... attending college full-time or part-time?</b> Full-time <input type="checkbox"/> Part-time <input type="checkbox"/>	<b>42. In what CALENDAR year did ... last attend</b> <b>regular school?</b> 1984 <input type="checkbox"/> 1980 <input type="checkbox"/> 1983 <input type="checkbox"/> 1979 or earlier <input type="checkbox"/> 1982 <input type="checkbox"/> Never attended <input type="checkbox"/> 1981 <input type="checkbox"/> (Skip to 44)	<b>50. CHECK ITEM: Entry of "Yes" in 44 (Computer in household)</b> Yes <input type="checkbox"/> (Ask 51) No <input type="checkbox"/> (Fill 54)
<b>34. Is this a two-year college or a four-year college</b> <b>or university?</b> 2-year college (community or junior college) <input type="checkbox"/> 4-year college or university <input type="checkbox"/>	<b>43. In what CALENDAR year did ... graduate from high</b> <b>school?</b> 1984 <input type="checkbox"/> 1981 <input type="checkbox"/> 1983 <input type="checkbox"/> 1980 <input type="checkbox"/> 1982 <input type="checkbox"/> 1979 or earlier <input type="checkbox"/>	<b>51. Does ... directly use a computer at home?</b> Yes <input type="checkbox"/> (Ask 52) No <input type="checkbox"/> (Fill 54)
<b>52. At home does ... use the computer for: (Read categories — mark</b> <b>all that apply)</b> Video Games <input type="checkbox"/> Wordprocessing <input type="checkbox"/> School assignments <input type="checkbox"/> Learning to use the computer <input type="checkbox"/> Household record keeping, taxes, etc. <input type="checkbox"/> Other uses Job or business not listed above <input type="checkbox"/> related activities <input type="checkbox"/>		
<b>53. During the last month, on average how many days per week</b> <b>did ... use the computer at home?</b> 7 days <input type="checkbox"/> 3 days <input type="checkbox"/> Less than once a week <input type="checkbox"/> 6 days <input type="checkbox"/> 2 days <input type="checkbox"/> Has not used it 5 days <input type="checkbox"/> 1 day <input type="checkbox"/> in the last month. 4 days <input type="checkbox"/> Don't know <input type="checkbox"/>		
<b>54. INTERVIEWER CHECK ITEM</b> Who responded to supplement items 29–53 Self <input type="checkbox"/> Other <input type="checkbox"/>		
If this is the last person 14+ years of age in the household go to page 2 and complete items 55–62 as applicable, for any children 0–13 years old.		

## ATTACHMENT 14

## UNWEIGHTED AND WEIGHTED COUNTS

## TCOPY CONTROL OUTPUT

TOTAL INTERVIEWS (CIVILIAN ONLY)	UNWEIGHTED	WEIGHTED (1000'S)
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WHITE  
MALE

<14	13757	19832
14+	49545	75938

## FEMALE

<14	12875	18834
14+	54346	82762

BLACK  
MALE

<14	2200	3717
14+	4940	9234

## FEMALE

<14	2107	3654
14+	6516	11279

OTHER  
MALE

<14	764	933
14+	1962	2479

## FEMALE

<14	724	903
14+	2096	2656

## TOTAL RECORDS

	UNWEIGHTED	WEIGHTED (1000'S)
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## TOT RECORDS

TOT RECORDS	165490	232222
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## INTERVIEWS

INTERVIEWS	151832	232222
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<14	32427	47874
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14+	119405	184348
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## ARMED FORCES

ARMED FORCES	689	771
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## TYPE A

TYPE A	2531	0
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## TYPE B/C

TYPE B/C	10438	0
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