



**ICPSR**  
**Inter-university Consortium for**  
**Political and Social Research**

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**Current Population Survey, September 1985:**  
**United States Immunization**  
**and Smoking Survey**

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U.S. Dept. of Commerce  
Bureau of the Census

ICPSR 9133

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June 2001



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CURRENT POPULATION SURVEY, SEPTEMBER 1985:  
UNITED STATES IMMUNIZATION AND SMOKING SURVEY

(ICPSR 9133)

Principal Investigator

U.S. Dept. of Commerce. Bureau of the Census

Inter-university Consortium for Political and Social Research  
P.O. Box 1248  
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Bureau of the Census, 1985 [producer]. Ann Arbor,  
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SURVEY, SEPTEMBER 1985: UNITED STATES  
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United States Department of Commerce. Bureau of the Census

CURRENT POPULATION SURVEY, SEPTEMBER 1985: UNITED STATES IMMUNIZATION AND SMOKING SURVEY (ICPSR 9133)

SUMMARY: This data collection provides information 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 relationships, educational background, and Spanish origin. Supplemental data provide information on disease history and/or protection through immunization against the common childhood diseases (diphtheria, tetanus, and whooping cough, polio, measles, rubella, chicken pox, and mumps) for persons 0-19 years of age. Data on immunization against influenza and pneumonia are available for all persons. Data are also available for adults on diabetes, chronic kidney disease, and certain chronic heart and lung conditions. Also provided is an indicator for children 0-5 years of age who were enrolled in licensed day care centers during the past year. For persons 16 years old and older who had smoked a minimum of 100 cigarettes, the following data are provided: age first started smoking, if they currently smoke, and whether other tobacco products such as snuff, chewing tobacco, cigars, and pipe tobacco were used. CLASS IV

UNIVERSE: All persons in the civilian noninstitutional population of the United States.

SAMPLING: The probability sample selected to represent the universe consists of approximately 71,000 households.

EXTENT OF COLLECTION: 1 data file

DATA FORMAT: Logical Record Length

File Structure: rectangular

Cases: 165,267

Variables: approx. 250

Record Length: 524

Records Per Case: 1



CURRENT POPULATION SURVEY, SEPTEMBER 1985:  
UNITED STATES IMMUNIZATION AND SMOKING SURVEY

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview--United States Immunization and Smoking Survey
Attachment 3	Overview--Current Population Survey
Attachment 4	Glossary
Attachment 5	Note to Users
Attachment 6	Current Population Survey Adult Interview Record Layout
Attachment 7	Current Population Survey Children's Interview Record Layout
Attachment 8	Current Population Survey Noninterview Type A Record Layout
Attachment 9	Current Population Survey Noninterview Type B-C Record Layout
Attachment 10	Current Population Survey Armed Forces Interview Record Layout
Attachment 11	Current Population Survey September 1985 Immunization and Smoking Supplements Record Layout
Attachment 12	Questionnaire Facsimile
Attachment 13	Unweighted and Weighted Counts
Attachment 14	Source and Reliability of the Estimates for United States Immunization Survey: September 1985

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 (CPS)

### User Note for CPS Files Issued Beginning July 1985

In July 1985, the CPS microdata files began carrying the metropolitan statistical area definitions announced by the Office of Management and Budget on June 30, 1984. The new CPS estimates for the total metropolitan population have consistently been higher than independent estimates of the total metropolitan population prepared by the Census Bureau; the new CPS nonmetropolitan estimates have been lower than the independent estimates. The magnitude of the monthly differences has varied from 900,000 to 2.5 million persons over the past year, so that the proportion of the population living in metropolitan areas according to the CPS has ranged from 0.4 to 1.0 percentage points higher than the independent estimate. The difference in level between the two sets of estimates is partially attributable to the basic CPS sample design, which, because of sampling variability, includes an oversample of metropolitan households and an undersample of nonmetropolitan households. The monthly variations result from the exit and entrance of rotation groups, each with slightly different metropolitan-nonmetropolitan proportions, into the sample. The apparent overestimation of metropolitan and underestimation of nonmetropolitan population in the CPS relative to the Census Bureau's independent estimates should be taken into account when using the data. Because of the monthly variation in these estimates, month-to-month comparisons of metropolitan and nonmetropolitan estimates should be interpreted with caution.

One other set of estimates that can be produced from CPS microdata files beginning in October 1985 should be treated with caution also. These are estimates for individual metropolitan areas. The change in Census Bureau confidentiality rules allowing identification of areas with populations of 100,000 or more instead of 250,000 has produced a situation where we now identify numerous small metropolitan areas on the CPS data files. Although estimates for the larger areas such as New York, Los Angeles, and so forth, should be fairly accurate and valid for a multitude of uses, estimates for the smaller metropolitan areas (those with populations under 500,000) should be used with caution because of the relatively large sampling variability associated with these estimates.

November 1986



## Attachment 1

### ABSTRACT

Current Population Survey, September 1985:  
United States Immunization and Smoking Survey  
[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.

Supplemental data provide information on the disease history and/or protection through immunization against the common childhood diseases (diphtheria, tetanus, and whooping cough; polio; measles; rubella; chicken pox; and mumps) for persons 0-19 years of age. Data on immunization against influenza and pneumonia are available for all persons. Data are also available for adults on diabetes, chronic kidney disease, and certain chronic heart and lung conditions. Also provided is an indicator for children 0-5 years of age who were enrolled in licensed day care centers during the past year.

For persons 16 years old and older who have smoked a minimum of 100 cigarettes, the following data are provided: age first started smoking, if now smoke, and usage of other tobacco products such as snuff, chewing tobacco, cigars, and pipe tobacco.

#### GEOGRAPHIC COVERAGE:

All States are identified and ranked by population size (1980). Metropolitan and nonmetropolitan status indicators are provided except where suppression is required for confidentiality reasons.

#### TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 165,627 logical records; 524 character logical record length

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

#### REFERENCE MATERIALS:

"Current Population Survey, September 1985: United States Immunization and Smoking Survey 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 Labor Statistics. Employment and Earnings, October 1985. The employment information in Section A of this publication is derived from the Current Population Survey, September 1985. 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

GPO Order Form (Publications)	Mail To: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402				
	Name		<b>Credit Card Orders</b> Total charges \$ _____ Fill in the boxes below. Credit Card No. <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span> Expiration Date Month/Year <span style="border: 1px solid black; display: inline-block; width: 40px; height: 1.2em; vertical-align: middle;"></span> MasterCard, Choice, and VISA accepted.		
	Organization				
	Address				
	City, State, ZIP				
	GPO Catalog No. or Stock No.	Quantity Desired	Title of Publication	Amount	Date
					<b>CUSTOMER:</b> Make check or money order payable to Superintendent of Documents.  If to be charged to Supt. of Docs. account, indicate Deposit Account No. _____  <b>TOTAL \$</b>

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	Name		Telephone				
	Organization						
	Address						
	City, State, ZIP			Date			
	Name of Data File, Documentation* or Microfiche	No. of Tapes	No. of Microfiche	No. of Document copies	Cost	<b>TOTAL \$</b>	
*One copy of the Technical Documentation is sent at no extra charge with tape orders.					<b>Credit Card Orders</b> Total charges \$ _____ Fill in the boxes below. Credit Card No. <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span> Expiration Date Month/Year <span style="border: 1px solid black; display: inline-block; width: 40px; height: 1.2em; vertical-align: middle;"></span> MasterCard and VISA accepted.		
<b>Characteristics of Tape (Check One):</b> <input type="checkbox"/> 9 track, 1600 bpi, EBCDIC <input type="checkbox"/> 9 track, 6250 bpi, EBCDIC <input type="checkbox"/> 9 track, 1600 bpi, ASCII <input type="checkbox"/> 9 track, 6250 bpi, ASCII							
<b>Labeling (Check One):</b> <input type="checkbox"/> Standard <input type="checkbox"/> Unlabeled Maximum block size (if less than 32K bytes)? _____							



## Attachment 2

### OVERVIEW--UNITED STATES IMMUNIZATION AND SMOKING SURVEY

#### I. General

The United States Immunization Survey and the Smoking Survey were conducted as supplements to the September 1985 Current Population Survey (CPS). The CPS is a monthly survey on employment and unemployment conducted in 59,000 households across the United States. Attachment 12 is a facsimile of the questionnaire containing basic labor force items, adult immunization and smoking items, children's immunization items, and household items.

Refer to Attachment 3 for an Overview of the CPS entitled "Overview-Current Population Survey." Following is a description of the immunization and smoking surveys.

#### II. Data Collection

Both supplements were conducted in the full CPS sample. Interviews were conducted September 16 through September 21. The immunization items were asked of household members as follows: items 30-33, household members 14+, 34-36 all household members; items 37-50 household members 0-19 years of age; item 52, on page 2, of children 0-5 years of age; items 56-58 of each household. The smoking items, items 50A-55A, were asked of all adult household members 16 years old or older.

Proxies were taken for both supplements and a Check Item (item 55A) was marked to show self or proxy response.

The interviewers were authorized 1 1/2 hours to study their interviewer materials which included basic labor force exercises, instructions and exercises for each supplement item, and a practice interview.

For the supplement items, an edit was performed by the regional offices on a minimum of five questionnaires submitted by all interviewers to uncover any inconsistencies or omissions on the documents. Interviewers were immediately notified of any errors uncovered as a result of this edit.

#### III. Data Processing

##### A. September Supplement Computer Edits

Interviewed records were edited to ensure consistency between items and for a limited number of items missing values were assigned based on known entries. The effects of the edit can be demonstrated by considering item 37 and its relationship to items 38 and 39 and item 51 of the smoking supplement and its relationship to items 52 and 53:

1. Consistency – If item 37 had a response of "No" or "Don't Know", then items 38 and 39 would be blanked. The same is the case for items 51, 52, and 53 of the smoking questions.
2. Assigning missing values – If item 37 was blank and either item 38 or 39 had an entry other than "Don't Know", then item 37 would be made equal to "Yes". If item 51 of the smoking supplement was blank and item 52 or 53 had an entry, then item 51 was made equal to "Yes".
3. Assigning NA's – An "NA" code was assigned to item 38 and/or 39 if either was blank and item 37 was "Yes".
4. Blanks – Item 52 is in two fields, one for the age and the other for the categorical responses of "Never smoked regularly" or "Don't Know". If there was an entry in the age field, then the categorical responses were blanked. If there was an entry in the categorical response field, then the age field was blanked.

It is important to note that if items 37, 38, and 39 were all blank, only item 37 would be assigned an "NA" since it would not be clear that items 38 or 39 should have had an entry. Since neither items 38 nor 39 can be imputed without a "Yes" response to item 37, those items were blanked if item 37 was NA.

#### B. Weighting

The data collection was taken from the full CPS sample; therefore, the final CPS weight in words 21 and 22 is appropriate for tallying supplement data.

### IV. September 1985 CPS/Immunization/Smoking Computer File

The CPS/Immunization/Smoking file consists of two parts: the CPS labor force data and the immunization and smoking supplement data.

#### A. CPS Labor Force Data

The CPS file contains 165,627 records. Each record contains 87 words. Basic CPS labor force data are contained in words 1 through 80, characters 1–6 of each record. One of the five different record layouts should be used depending on the type of record selected.

##### 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 September 1985 CPS. Interviewed 14+ person records will have a code 1 for 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 September 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 for 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 noninterview 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 for record type word 1, character 1.

## 5. Armed Forces Records

Attachment 10 shows locations and definitions for variables available in word 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. Household members who are 14+ and in the Armed Services will have a code 4 record type in word 1, character 1.

## B. September Supplement Data

Data for both supplements are found in word 81, character 4 through word 87, character 6. The immunization data appears in word 81, character 4 through word 85, character 2, and word 87, characters 4 through 6. Note that supplement data for children 0-13 are found in word 82, character 2 through word 85 character 2. The smoking data can be found in word 85 character 3 through word 87 character 2; word 87 character 3 contains data from the proxy item which was completed for all 14+ household members.

Attachment 11 contains the record layout for the supplement data showing locations and definitions of variables. Record types 3-5 (as described above) will be "b" (blank) filled in words 81-87.

## V. Records from the Supplement File

### A. Tallying CPS Labor Force Estimates

If the user wishes to access only the CPS portion of the record (words 1-80) for the full CPS sample, he/she must first determine the record type as follows:

- |                                 |  |
|---------------------------------|--|
| 1) <u>Interviewed Adults</u>    | WORD 1, CHARACTER 1=1 and<br>WORD 17, CHARACTERS 1-2 = 14-99 |
| 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</u>              | WORD 1, CHARACTER 1=5 and<br>WORD 17, CHARACTERS 1-2 = 00-13 |

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 September Immunization/Smoking Supplement File

The supplements were conducted in the full CPS sample; therefore, use the final CPS weight in words 21 and 22 when tallying supplement variables. Refer to Section II, Data Collection, for the universe definitions of both supplements.

C. Source and Reliability Statement

Attachment 14 is a copy of the source and reliability statement regarding the accuracy of the data compiled from this survey.

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.



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 inadvertent analysis of "non-person" records, data users should select only those cases identified by a numerical code of "1" (representing an interview record) in the first column of each record.

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

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

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



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

Attachment

Page 1

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

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

-more-

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

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code in Division Code) (From H.S.T.) (Con't)	All	<u>West South Central Division</u> Arkansas 71 Louisiana 72 Oklahoma 73 Texas 74  <u>Mountain Division</u> Montana 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



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

Word	Char.	Characteristic	Vulneron	Description
4	1-2	State Rankings (Con't) (From H.S.T.)	All	<div> <div>1980 Ranking</div> <div> Mississippi (MS) 31  Kansas (KS) 32  Arkansas (AR) 33  West Virginia (WV) 34  Nebraska (NE) 35  Utah (UT) 36  New Mexico (NM) 37  Maine (ME) 38  Hawaii (HI) 39  Rhode Island (RI) 40  Idaho (ID) 41  New Hampshire (NH) 42  Nevada (NV) 43  Montana (MT) 44  South Dakota (SD) 45  North Dakota (ND) 46  Dist. of Columbia (DC) 47  Delaware (DE) 48  Vermont (VT) 49  Wyoming 50  Alaska 51 </div> </div>

The next page is Page 8

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

-more-

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or <del>NA</del> -N79 (Excluding I--)
6	1	<u>Item 12</u> - LINE NO. H'HD RESP.	All	Blank or Impossible	- 1-6
				Non H'hd Resp.	7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Blank	-
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or <del>10</del> -29
	5	Item 26A1--Is . . . attending or enrolled in a high school, college or university?	Item 26=1	Yes	1
				No	2
	6	Item 26A2--Verification of Item 26A1	Item 26A1=1	High School	1
				College or Univ.	2

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

-more-

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

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

-more-

Word	Char.	Characteristic	Universe	Description	
10	1	<u>Item 21A</u> - Why was...absent from work LAST WEEK?	ESR 2	Own illness	1
				On vacation	2
				Bad weather	3
				Labor dispute	4
			ESR 3	New job to begin within 30 days	5
				Temporary layoff (under 30 days)	6
				Indefinite layoff (30 days or more or no definite recall date)	7
			ESR 2	Other	8
	2	<u>Item 21B</u> - In...getting wages or salary for any of the time off LAST WEEK?	ESR 2	Yes	1
				No	2
				Self employed	3
	3	<u>Item 21C</u> - Does...usually work 35 hours or more a week at this job?	ESR 2	Yes	1
				No	2
		<u>Item 22A</u> - 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.	ESR 3	Blank	-
				Entry	1
	5	Checked with private employment agency.	ESR 3	Blank	-
				Entry	1

-more-



Word	Char.	Characteristic	Universe	Description	
<u>Item 22A - Methods (Con't)</u>					
10	6	Checked with employer directly.	ESR 3	Blank Entry	- 1
11	1	Checked with friends or relatives.	ESR 3	Blank Entry	- 1
	2	Placed or answered ads.	ESR 3	Blank Entry	- 1
	3	Nothing	ESR 4-7	Blank Entry	- 1
	4	Other	ESR 3	Blank Entry	- 1
	5	<u>Item 22B</u> - Why did...start <sup>1/</sup> 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
12	6 1 2	<u>Item 22C</u> - Weeks unemployed (New Job starting in 30 days, weeks laid off, or weeks looking for work)	ESR 3	Number of Weeks	00-99
		<u>Item 22D</u> - Has...been looking for full-time or part-time work?	ESR 3	Full Part	1 2

-more-

<sup>1/</sup> Recode starting January 1986

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

<sup>1/</sup> Recode starting January 1986.

Word	Char.	Characteristic	Universe	Description	
13	1	Item 24B - Why did...leave that job?	ESR 4-7 and 1-5 in Item 24A	Personal, family or school Health Retirement or old age Seasonal job completed Slack work or business conditions Temporary nonseasonal job completed Unsatisfactory 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?	ESR 4-7 and Month in Sample in 4 or 8 (Departing rotations)	Yes Maybe, it depends No Don't Know	1 2 3 4
		Item 24D - What are the reasons...is not looking for work?			
		Reasons through 15:1. Multiple entries possible.			
3		Believes no work available in line of work or area	Item 24C in 1 or 2	Blank Entry	- 1
4		Couldn't find any work	Item 24C in 1 or 2	Blank Entry	- 1
5		Lacks necessary schooling, training, skills or experience	Item 24C in 1 or 2	Blank Entry	- 1
6		Employers think too young or too old	Item 24C in 1 or 2	Blank Entry	- 1

-more-

Word	Char.	Characteristic	Universe	Description	
<u>Item 24D - Reasons (Con't.)</u>					
14	1	Other personal handicap in finding job	Item 24C is 1 or 2	Blank Entry	- 1
	2	Can't arrange child care	Item 24C is 1 or 2	Blank Entry	- 1
	3	Family responsibilities	Item 24C is 1 or 2	Blank Entry	- 1
	4	In school or other training	Item 24C is 1 or 2	Blank Entry	- 1
	5	Ill health, physical disability	Item 24C is 1 or 2	Blank Entry	- 1
	6	Other	Item 24C is 1 or 2	Blank Entry	- 1
15	1	Don't know	Item 24C is 1 or 2	Blank Entry	- 1
	2	Item 24E - Does...intend to look for work of any kind in the next 12 months?	ECR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Yes It depends No Don't know	1 2 3 4

-more-

Item	Char.	Characteristic	Universe	Description	
15	3	Item 23E - Class of worker (Filled and Recoded)	a) ESR 1 or 2 b) ESR 3 c) ESR 4-7, Health 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
	4-6	BLANK			
16	1-3	BLANK			
	4-5	Item 18A - LINE NUMBER	All		01-39
6		Item 18B - RELATIONSHIP TO HEAD OF HOUSEHOLD  (Recode from Relationship To Reference Person)	All	Head with other relatives (incl. wife) in household Head with no other relatives 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	<u>Item 18D</u> - AGE	All		14-90 <sup>1/</sup>
	3	<u>Item 18E</u> - MARITAL STATUS (Recode)	All	Married, civilian spouse present	1
				Married, Armed Force spouse present	2
				Married, spouse absent (incl. separated)	3
				Widowed or divorced	4
				Never Married	5
	4	<u>Item 18J</u> - RACE (Recode)	All	White	1
				Black	2
				Other	3
	5	<u>Item 18G</u> - SEX	All	Male	1
				Female	2
	6	<u>Item 18G</u> - VETERAN STATUS	Males	Vietnam Era	1
				Korean War	2
				World War II	3
				World War I	4
				Other Service	5
				Nonveteran	6

<sup>1/</sup> Age topcoded at 90.

-more-

Word	Char.	Characteristic	Universe	Description	
10	1-2	<u>Item 10H</u> - HIGHEST GRADE (OF SCHOOL) ATTENDED	All	None	01
				E1	02
				E2	03
				E3	04
				E4	05
				E5	06
				E6	07
				E7	08
				E8	09
				H1	10
				H2	11
				H3	12
				H4	13
				C1	14
				C2	15
				C3	16
				C4	17
				C5	18
				C6+	19
	3	<u>Item 10I</u> - GRADE COMPLETED	All	Yes	1
				No	2
	4	PADDING			
	5	Blank			
	6	Item 26--Interview Check Item: This person is	All	16-24 Years of Age	1
				All Others	2

-more-

Word	Char.	Characteristic	Univargo	Description	
19	1	ESR - Employment Status Decode (Last Work)	All	Employed	<div> <div>Working</div> <div>With Job, not at work</div> <div>1</div> <div>2</div> </div>
				Unemployed	<div> <div>Looking</div> <div>3</div> </div>
				Not in Labor Force	<div> <div>Home</div> <div>School</div> <div>Unable</div> <div>Other (Included Retired)</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> </div>
	2	Item 26B--Is...enrolled in school as a full-time or part time student?	Item 26A1=1	Full-time	1
				Part-time	2
	3	Indicator for principal person of household	All <u>1/</u>	No	0
				Yes	1
	4-6	Document Count (Within Work Unit)	All		991-999
20	1-3	Work Unit Number (From Breaker Sheet)	All		001 or 001-999
				If Breaker was plugged	911 Analog
	4-5	Month	All		01-12
	6	Year - Last Digit	All		0-9
21 & 22	All	Final Weight	All		Two Underscored Decimal Places. (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.



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

1/ See Appendix #1

Word	Char.	Characteristic	Universe	Description
26	5	<u>Item 101</u> - ETHNICITY	All	Mexican American 1 Chicano 2 Mexican (Mexicano) 3 Puerto Rican 4 Cuban 5 Central or South American 6 Other Spanish 7 All other 8 Don't know 9 NA A
	6	PADDING		
27	1-2	Weighting Age Recode	All	1 1/2-15 Years old 01 16-17 02 18-19 03 20-21 04 22-24 05 25-29 06 30-34 07 35-39 08 40-44 09 45-49 10 50-54 11 55-59 12 60-61 13 62-64 14 65-69 15 70-74 16 75+ 17

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

-more-

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

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

-more-

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

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

-more-

Word	Chr.	Characteristic	Universe	Description	
33	4	Full time labor force recode	All	Not in Universe	0
				Employed Full Time	3
				Looking for Full Time Work	4
	5	Program Signal	All		0
	6	Program Signal	All		1
34	1-2	Age 1	All	14-15	00
				16-17	01
				18-19	02
				20-24	03
				25-34	04
				35-44	05
				45-54	06
				55-59	07
				60-64	08
				65+	09
	3-4	Age 1A (16-21 years)	All	Not 16-21	00
				16-21 Yrs. School	10
				16-21 Yrs. Other	11
	5-6	Age 2	All	Less than 25 years	00
				25-29	01
				30-34	02
				35-39	03
				40-44	04
				45-49	05
				50-54	06
				55-59	07
				60-64	08
				65-69	09
				70+	10
					11

-more-



Word	Char.	Characteristic	Universe	Description
35	1-2	Major Activity Ages 16-24	All	Major Activity
				Age School Other
				HALE or FEH MSP FEH Not MSP
				16 1 10 19
				17 2 11 20
				18 3 12 21
				19 4 13 22
				20 5 14 23
				21 6 15 24
				22 7 16 25
				23 8 17 26
				24 9 18 27
				All Others 00
	3-4	Age 4	All	less than 55 years 00
				55 years 01
				56 " 02
				57 " 03
				58 " 04
				59 " 05
				60 " 06
				61 " 07
				62 " 08
				63 " 09
				64 " 10
				65 " 11
				66 " 12
				67 " 13
				68 " 14
				69 " 15
				70 " 16
				71 " 17
				72 " 18
				73 " 19
				74 " 20
				75+ " 21

Word	Char.	Characteristic	Universe	Description	
36	5-6	Major Industry (II)	Civ. Labor Force	Never Worked	00
				Agriculture	01
				Mining	02
				Construction	03
				Manufacturing	
				Durable goods	04
				Non-durable goods	05
				Transportation and public utilities	
		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"		1/ 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
				1/2/ Public administration GAP	22

-more-

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## Attachment A

Page 34

Word	Char.	Characteristic	Universe	Description
37	1-2	BLANK		

3-4	Class of worker Employed-Unemployed	Civ. Labor Force	C/M	EMP	UNEMP
			Private	01	05
			Government (Federal, Local, and State)	02	06
			Self-employed	03	07
			Unpaid family	04	08
			Never Worked		00

-more-

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

1/ 2/ See page 33

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

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

Word	Char.	Characteristic	Universe	Description
30	1-2	Detailed Industry (Con't)	Civ. Labor Force	Service-producing industries
				Transportation and public utilities
				1/ Postal 20
				Other transportation 29
				Communications 30
				Other public utilities 31
				Trade
				Wholesale 32
				Retail
				Eating and drinking places 33
				Other retail 34
				Finance, insurance, and real estate
				Banking and other finance 35
				Insurance and real estate 36
				Private household service 37
				Miscellaneous services
				Business and repair
				Business 38
				Repair 39
				Personal services, except private household 40
				Entertainment and recreation 41
				Professional services
				Medical, except hospitals 42
				Hospitals 43
				Welfare and religious 44
				Educational 45
				Other professional 46
				Forestry and fisheries 47
				Public administration
				Armed Forces 48
				Other federal 49
				State 50
				Local 51

1/ 2/ See page 33.

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

30 3-6 BLANK

39 1-2 Manufacturing

Civ. Labor  
Force

Never worked or not Hfg. Incl. 00  
Durable goods

3/ See page 36.

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

-more-

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

-more-



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

-more-

Word	Char.	Characteristic	Universe	Description	
40	1-2	Detailed reason by hours 1-3/4 (Con't)	ESR = 1 (At work and 20A to 1000 than 35	Usually work part time Sick work Could find only part time work Own illness Too busy or did not want full time Full-time work week is under 35 hours All other	11 12 13 14 15 16
	3-4	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
	5-6	Program Signal	All		50
41 thru 42	1 6	Veteran's Weight <sup>1/</sup> (Starting January 1986)	All 16+	Two implied decimal places, right justified, space filled	

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

-more-

The next page is 43.

Word	Char.	Characteristic	Universe	Description	
<u>Edited Earnings Items (outgoing rotations only)</u>					
43 and 44	ALL	Earnings Weight for ALL Races	Eligible for Earnings <u>1/</u>	Two implied decimal places, right justified, space filled	
45 and 46	ALL	Earnings Weight for Spanish	Eligible for Earnings <u>1/</u> and Ethnicity = Spanish	Two implied decimal places, right justified, space filled	
47 and 48	ALL	PADDING			
49	1	Eligibility Flag <u>1/</u>	ALL	Not eligible Eligible	- 1
	2-3	125A (Edited) - Usual hours worked per week?	Eligible	Hours worked	00-99
	4	125B (Edited) - Paid by hour?	Eligible	Yes No	1 2
49 and 50	5-6 1-2	125C (Edited) - Earnings per hour? (See Appendix #2)	125B (Edited) = 1	Earnings per hour (2 implied decimal places)	0000-9999
	3-5	125D (Edited, computed) <u>2/</u> 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 0) 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 app-

Word	Char.	Characteristic	Universe	Description	
50	6	Item 25E-Member of union? (Edited)	49:1=1	Yes	1
51	1	125A Allocation Flag	Eligible	No 125A not allocated 125A allocated	2 - 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 1
52	1-3	125D (Edited) - Usual weekly earnings	3/	Weekly Earnings	000.99
52	4	Item 25F-covered by union contract?	WD49:1=1	Yes	1
	5	Item 25E Allocation Flag	and 50:6=2	No	2
52	6	Item 25F Allocation Flag	Eligible	125E Not Allocated 125E Allocated	2 1
			125E=No	125F Not Allocated 125F Allocated	2 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	All	Not Allocated Allocated	0 1
	2	4			
	3	5b			
	4	9			
	5	All Labor Force Items			
	6	ESR			
54	1	18B			
	2	18G - Sex			
	3	18J			
	4	18E			
	5	18D			
	6	18I			
55	1	18H			
	2	18G - Veteran Status			
	3	19			
	4	23B			
	5	23C			
	6	23E			

Word	Char.	Characteristic	Universe	Description	
56	1	20A	All	Not Allocated	0
	2	20C		Allocated	1
	3	21A			
	4	21B			
	5	21C			
	6	22C			
97	1	22D	↓		
	2	22F			
	3	24A			
	4	24B			
	5	24C			
	6	24D			
50	1	22A			
	2	22E			
	3	18A			
	4	22B			
	5	24E			
	6	Geographic Identification			

Word	Char.	Character/stic	Universe	Description	
<u>Unedited Basic CRS Transcription Items 1/</u>					
59	1	Item 27	Tenure (Unedited)	All	Owned or being bought Rented No cash rent No entry
					6 7 8 Blank
59	2	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
					0 1 2 3 4 5 6 7 8 9 A B C D Blank
	3	Item 29A - Telephone in household (transcribe from control card item 30a)	Unedited 2/	All	Blank Yes No
					- 1 2
	4	Item 29B - Telephone available (transcribe from control card item 30b)	Unedited 2/	I-29a= No	Blank Yes No
					- 1 2
	5	Item 29C - Telephone interview acceptable (Transcribe from control card item 30d)	Unedited 2/	I-29a= Yes or I-29b= Yes	Blank Yes No
					- 1 2

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

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

Word	Char.	Characteristic	Universe	Description	
59	6	PADDING			
60	6				
	thru				
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-



WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
61	4-5	Class of Worker II (Detailed)	Same as I23E (Exc. Never worked)	Agriculture Wage & Salary Private Government Self-Employed Unpaid Family Non-Agriculture Wage & Salary Private Industry Private Household Other Private Government Federal State Local Self-Employed Unpaid Family	   01 02 03 04   05 06  07 08 09 10 11
61	6	Major Occupation	Same as I23E	Managerial & Professional Executive, admin. & managerial Professional specialty Technical, sales & admin. support Technicians & related support Sales Administrative support, incl. clerical Service Private household Protective service Other service Precision production, craft and repair Operators, fabricators & laborers Machine operators, assemblers & inspectors Transportation & material moving Handlers, equip. cleaners, etc. Farming, forestry & fishing Armed Forces No previous experience - Never worked	  01 02 03 04  05  06 07 08  09  10 11 12 13 14 15
62	1				

more

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	2-3	Major Industry	Same as 123E (Exc. Never 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. priv. 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

## TACHMENT A (Interview Adults)

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RD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
52	4-5	Detailed Occupation	Same as 123E	Never worked	00
				Managerial & professional specialty	
				Executive, admin. & managerial	
				Officials & admin., public admin.	01
				Other exec., admin. & managerial	02
				Management related	03
				Professional specialty	
				Engineers	04
				Mathematical & computer scientists	05
				Natural scientists	06
				Health diagnosing	07
				Health assessment & treatment	08
				Teachers, college & university	09
				Teachers, exc. college & univ.	10
				Lawyers & judges	11
				Other professional specialty	12
				Technical, sales & administrative support	
				Technicians & related	
				Health technologists & tech.	13
				Engin. & science technicians	14
				Other technicians	15
				Sales	
				Supervisors & proprietors	16
				Sales reps., finance & business	17
				Sales reps., commodities, except retail	18
				Sales workers, retail & personal	19
				Sales related	20
				Administrative support, including clerical	
				Supervisors	21
				Computer equip. operators	22
				Secretaries, stenog., typists	23
				Financial records processing	24
				Mail & message distribution	25
				Other admin., incl. clerical	26

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

-more-

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	6	Detailed Industry	Same as 123E	Never Worked	00
63	1			Goods-producing Industries	
				Agriculture	
				Agricultural services	01
				Other agricultural	02
				Mining	03
				Construction	04
				Manufacturing	
				Durable Goods	
				Lumber & wood products, except furniture	05
				Furniture & fixtures	06
				Stone, clay, glass & concrete products	07
				Metal industries	
				Primary metals	08
				Fabricated metals	09
				Not specified metals	10
				Machinery, exc. electrical	11
				Electrical machinery, equip. & supplies	12
				Transportation equipment	
				Motor vehicles & equipment	13
				Other transportation equip.	
				Aircraft & parts	14
				Other trans. equip.	15
				Professional & photo equip.	16
				Toys, amusement & sporting goods	17
				Misc. & nec mfg. industries	18
				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 123E	Service-producing industries	
63	1			Transportation, communication & other public utilities	
				Transportation	29
				Communications & other public utilities	
				Communications	30
				Utilities & sanitary serv.,	31
				Wholesale & retail trade	
				Wholesale trade	32
				Retail trade	33
				Finance, insurance & real estate	
				Banking & other finance	34
				Insurance & real estate	35
				Services	
				Private household	36
				Misc. services	
				Business & repair serv.	
				Business services	37
				Repair services	38
				Personal services,	
				exc. private household	39
				Entertainment & recreation	40
				Professional & related serv.	
				Hospitals	41
				Health serv., exc. hospitals	42
				Educational services	43
				Social services	44
				Other professional serv.	45
				Forestry & fisheries	46
				Public administration	
				Justice, public order & safety	47
				Admin. of human resource programs	48
				National security & internal affairs	49
				Other public administrated	50
				Armed Forces	51

## ATTACHMENT A

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
63	2-4	<u>Item 23B - INDUSTRY (1980 Edited)</u>	Same as I23E (Exc. Never worked)	3-digit Industry Code	010-791
63	5-6	<u>Item 23C - OCCUPATION (1980 Edited)</u>	Same as I23E (Exc. Never worked)	3-digit Occupation Code	003-905
64	1				
64	2-6	PADDING			

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

## ATTACHMENT A (Interview Adults)

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	All	Line Number	01-39
	3	Item 18D - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household	1
				Reference Person with no other relatives in household	2
				Husband	3
				Wife	4
				Own child	5
				Parent	6
				Brother/Sister	7
				Other relative of reference person	8
				Non-relative of reference person - with own relatives in household	9
				Non-relative of reference person - no own relatives in household	A
	4-5	Item 18C - PARENT'S LINE NUMBER	All	None	00
				Parent's line number	01-39
	6	PADDING			
66	1-2	Item 18D - AGE	All	Age in Years	14- 90 <sup>1/</sup>
	3	Item 18E - MARITAL STATUS	All	Married-civilianspouse present	1
				Married-Armed Forces spouse present	2
				Married-spouse absent (Exclude separated)	3
				Widowed	4
				Divorced	5
				Separated	6
				Never married	7
	4-5	Item 18F - SPOUSE'S LINE NUMBER	All	None	00
				Spouse's line number	01-39
	6	Item 18G - SEX	All	Male	1
				Female	2

<sup>1/</sup>Age topcoded at 90 years



WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	Item 18G - 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 18H - HIGHEST GRADE (of school) ----- ATTENDED	All	None E1 E2 E3 E4 E5 E6 E7 E8 E9 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 18I - GRADE COMPLETED -----	All	Yes No	1 2
	5	Item 18J - 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	00
				Primary Family Member Only	01
				Subfamily Member	02-39
	5	FAMILY TYPE	ALL	Primary Family	1
				Primary Individual	2
				Related Subfamily	3
				Unrelated Subfamily	4
				Secondary Individual	5
	6	FAMILY RELATIONSHIP	ALL	Not a Family Member	0
				Reference Person	1
				Spouse	2
				Child	3
				Other Relative(Primary Family only)	4
69	1-4	PADDING			
	5	LINE NUMBER ALLOCATION FLAG	ALL	No Change	0
				Blank to Value	1
				Old Value to New Value	2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change	0
				Blank to Value	1
				Old Value to New Value	2

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

## ATTACHMENT A (Interview Adults)

DATE 070185

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WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	MARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	SPOUSE'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	VETERAN STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
71	1	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	2	GRADE COMPLETED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	PADDING			
thru 72	5	Total Weekly Family Earnings (for members 16+)	MIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	2				
	3	PADDING	ALL		

## ATTACHMENT A (Interview Adults)

DATE 070185

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 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	HIS=4,6	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not In Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8 9

ATTACHMENT A (Interview Adults)				DATE 070185	PAGE 61
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

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

## ATTACHMENT A (Interview Adults)

DATE 070185

PAGE 62

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

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

## Attachment 7

CURRENT POPULATION SURVEY  
 CHILDREN'S INTERVIEW RECORD LAYOUT  
 (BEGINNING July 1985)  
 FOR STANDARD TAPE COPIES

Attachment	Word	Char.	Characteristic	Universe	Description	Page 1
1	1		Record type	All	Interview	5
		2	Month in Sample (Recoded from Month and Rotation)	All		1-0
		3	Blank			
		4-6	Household ID Number	All		
2		1-6				
3		1-3				
		4	Region (From M.S.T.)	All	Northeast North Central South West	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> New England  Middle Atlantic  East North Central  West North Central  South Atlantic  East South Central  West South Central  Mountain  Pacific </div> <div> 1 2 3 4 5 6 7 8 9 </div> <div> Region 1  Region 2  Region 3  Region 4 </div> </div>
	5-6	State (1st digit of State Code is Division Code) (From H.S.T.)	All	<div> <div> <u>New England Division</u>  Maine  New Hampshire  Vermont  Massachusetts  Rhode Island  Connecticut </div> <div> 11 12 13 14 15 16 </div> <div> <u>Middle Atlantic Division</u>  New York  New Jersey  Pennsylvania </div> <div> 21 22 23 </div> </div>

-more-



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

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

-more-

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

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Con't) (From H.S.T.)	All.	1980 Ranking
				Mississippi (MS) 31
				Kansas (KS) 32
				Arkansas (AR) 33
				West Virginia (WV) 34
				Nebraska (NE) 35
				Utah (UT) 36
				New Mexico (NM) 37
				Maine (ME) 38
				Hawaii (HI) 39
				Rhode Island (RI) 40
				Idaho (ID) 41
				New Hampshire (NH) 42
				Nevada (NV) 43
				Montana (MT) 44
				South Dakota (SD) 45
				North Dakota (ND) 46
				Dist. of Columbia (DC) 47
				Delaware (DE) 48
				Vermont (VT) 49
				Wyoming 50
				Alaska 51

The next page is Page 8

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

-more-

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or 1941-1949 (Excluding 1--)
6	1	<u>Item 12</u> - LINE NO. H'HD RESP.	All	Blank or Impossible	- 1-6
				Non H'hd Resp.	7
	2	<u>Item 11</u> - TYPE INTERVIEW	All	Blank	-
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5-6	PADDING			
7	1-5	PADDING			
	6	BLANK			

-more-

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

Word	Char.	Characteristic	Universe	Description
0	5	Blank		
	6	<u>Item 9</u> - HOUSEHOLD NUMBER	A11	1-8
9	1	} PADDING		
Through				
16	3			



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

-more-

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

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

1/ See Appendix #1

Word	Char.	Characteristic	Universe	Description
26	5	<u>Item 181</u> - ETHNICITY (Recode)	All	Mexican American 1 Chicano 2 Mexican (Mexicano) 3 Puerto Rican 4 Cuban 5 Central or South American 6 Other Spanish 7 All other 8 Do Not Know 9 NA A
	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4	} PADDING		
	5			
	6	BLANK		
28	1	} PADDING		
Through				
58	6			

Word	Char.	Characteristic	Universe	Description
<u>Unedited Basic CPS Transcription Items 1/</u>				
59,	1	Item 27	Tenure (Unedited)	All
				Owned or being bought
				Rented
				No cash rent
				No entry
				Blank
59	2	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
				Blank
	3	Item 29A - Telephone in household (transcribe from control card item 30a)	Unedited 2/	All
				Blank
				Yes
				No
	4	Item 29B - Telephone available (transcribe from control card item 30b)	Unedited 2/	I-29a=
				No
				Blank
				Yes
				No
	5	Item 29C - Telephone interview acceptable (Transcribe from control card item 30d)	Unedited 2/	I-29a=
				Yes
				or
				I-29b=
				Yes
64 thru	6)	PADDING		

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	Own child Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	5 7 8 9 A
	4-5	Item 18C - PARENT'S LINE NUMBER	All	None Parent's line number	00 01-39
	6	PADDING			
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 Blank to Value Old Value to New Value	0 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3-4	PADDING			
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	PADDING			
71	1-2	PADDING			

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

ATTACHMENT E (Interview Children)

DATE 070185

PAGE 19

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
71	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	PADDING			
72	5 thru 2	Total Weekly Family Earnings (for members 16+)	MIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	3	PADDING	ALL		
	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
	5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with MD 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband,Wife or Reference Person Self-Employed With Wage and Salary Workers Husband,Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,8	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not In Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8 9



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 E (Interview Children)

DATE 070185

PAGE 21

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

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

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

Attachment

Page 1

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

-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-

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>Pacific Division</u>	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95
4	1-2	State Rankings (From M.S.T.)	All		<u>1970 Ranking</u>
				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

-more-

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma 27 Kansas 28 Mississippi 29 Colorado 30 Oregon 31 Arkansas 32 Arizona 33 West Virginia 34 Nebraska 35 Utah 36 New Mexico 37 Maine 38 Rhode Island 39 Hawaii 40 District of Columbia 41 New Hampshire 42 Idaho 43 Montana 44 South Dakota 45 North Dakota 46 Delaware 47 Nevada 48 Vermont 49 Wyoming 50 Alaska 51
4	3-4	PADDING		

The next page is 7

-more-

Word	Char.	Characteristic	Universe	Description	
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	A11	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	<u>Item 10</u> - INTERVIEWER CODE	A11	Blank or Impossible in any digit	-NA, or A00-M99 (Excluding I--)
6	1	<u>Item 12</u> - LINE NO. H'ILD RESP.	A11	Blank or Impossible Non H'ild Resp.	- 1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	A11	Noninterview	1

-more-



Word	Char.	Characteristic	Universe	Description	
6	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5 } 6 }	PADDING			
7	1	<u>Item 14</u> - RACE OF HEAD	All	White Black Other	1 2 3
	2	<u>Item 14</u> - 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	<u>Item 4</u> - TYPE OF LIVING QUARTERS (Recode)	All	<u>Housing Unit</u> House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above	01 02 03 04 05 06

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 H.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm 1 Farm 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	If Breaker was missing 001 or 001-999 9XX Assigned

-more

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

-more-

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

Word	Char.	Characteristic	Universe	Description
26	5-6	PADDING		
27	1-3	Blank		
	4	RACE (Recode)	All	White Other
	5-6	Blank		1 2
28 through 52	1 6	Blank		

-more-

END OF BASIC CPS RECORD

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

Attachment

Page 1

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

-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-

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	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95
4	1-2	State Rankings (From M.S.T.)	All		1970 Ranking
				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

-more-

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma 27 Kansas 28 Mississippi 29 Colorado 30 Oregon 31 Arkansas 32 Arizona 33 West Virginia 34 Nebraska 35 Utah 36 New Mexico 37 Maine 38 Rhode Island 39 Hawaii 40 District of Columbia 41 New Hampshire 42 Idaho 43 Montana 44 South Dakota 45 North Dakota 46 Delaware 47 Nevada 48 Vermont 49 Wyoming 50 Alaska 51
4	3-4	PADDING		

The next page is 7

-more-

Word	Char.	Characteristic	Universe	Description	
	5	<u>Item 1</u> - INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1	- 1  2 3 4
	6	Blank			
5	1-3	Blank			
	4-6	<u>Item 10</u> - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or App-M99 (Excluding 1--)
6	1	<u>Item 12</u> - LINE NO. H'ILD RESP.	All	Blank or Impossible Non H'hld Resp.	- 1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	All	Noninterview	1

-more-

Word	Char.	Characteristic	Universe	Description	
6	3-4	<u>Item 11</u> - DATE COMPLETED	All	Day of Month	-- or 10-29
	5	PADDING			
	6				
7	1-2	<u>Item 15</u> - TYPE B OR C (Recode)	All	<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, 1980	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	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 HU in rooming or boarding house 07 Unit not permanent in trans. hotel, motel, etc. 08 Tent or trailer site 09 Other not HU 10
	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/ Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	A11	Nonfarm 1 Farm 2, 3
	5	Blank		
	6	Item 9 - HOUSEHOLD NUMBER (Unedited)	A11	Blank 1-8 - 1-8
9 through 19	1 2	PADDING		
	3			
	3	Household Indicator	A11	1
	4-6	Document Count (Within Work Unit)	A11	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	A11	If Breaker was missing 001 or 001-999 9XX Assigned

-more

Word	Char.	Characteristic	Universe	Description
20	4-5	Month	A11	01-12
	6	Year - Last Digit	A11	0-9
21	1-6	F111	A11	(Binary 01)
22	1-5			
	6	Final Weight	A11	"Regular Type A" Sub Sample
				1 2-4

-more-



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

1/ See Appendix #1

Word	Char.	Characteristic	Universe	Description
26	5-6	PADDING		
27	1-3	Blank		
	4	RACE (Recode)	All	White Other
	5-6	Blank		1 2
28 through 52	1 6	Blank		

-more-

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

## BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	All	Not Allocated	0
	2	4		Allocated	1
	3	5b			
	4	9			
53 Thru 58	5 } 5 }	PADDING	↓	↓	↓
58	6	Geographic Identification			
59 Thru 80	1 } 6 }	PADDING			

END OF BASIC CPS RECORD



## Attachment 10

CURRENT POPULATION SURVEY  
 ARMED FORCE'S INTERVIEW RECORD LAYOUT  
 (BEGINNING JULY 1985)  
 FOR STANDARD TAPE COPIES

Page 1

Attachment Word	Char.	Characteristic	Universe	Description	
1	1	Record type	All	Interview	4
	2	Month in Sample (Recoded from Month and Rotation)	All		1-9
	3	Blank			
	4-6	Household ID Number	All		
2	1-6				
3	1-3				
	4	Region (From M.S.T.)	All	Northeast	1
				North Central	2
				South	3
				West	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 M.S.T.)	All	<div> <div> New England  Middle Atlantic  East North Central  West North Central  South Atlantic  East South Central  West South Central  Mountain  Pacific </div> <div> 1 2 3 4 5 6 7 8 9 </div> <div> Region  Region  Region  Region </div> </div>
	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<div> <div> <u>New England Division</u>  Maine  New Hampshire  Vermont  Massachusetts  Rhode Island  Connecticut </div> <div> 11 12 13 14 15 16 </div> <div> </div> </div> <div> <div> <u>Middle Atlantic Division</u>  New York  New Jersey  Pennsylvania </div> <div> 21 22 23 </div> <div> </div> </div>

-more-

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

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code in Division Code) (From H.S.T.) (Con't)	All	<u>West South Central Division</u> Arkansas 71 Louisiana 72 Oklahoma 73 Texas 74  <u>Mountain Division</u> Montana 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
4	1-2	State Rankings (From H.S.T.)	All	<div>1980 Ranking</div> <div> California (CA) 01  New York (NY) 02  Texas (TX) 03  Pennsylvania (PA) 04  Illinois (IL) 05  Ohio (OH) 06  Florida (FL) 07  Michigan (MI) 08  New Jersey (NJ) 09  North Carolina (NC) 10  Massachusetts (MA) 11  Indiana (IN) 12  Georgia (GA) 13  Virginia (VA) 14  Missouri (MO) 15  Wisconsin (WI) 16  Tennessee (TN) 17  Maryland (MD) 18  Louisiana (LA) 19  Washington (WA) 20  Minnesota (MN) 21  Alabama (AL) 22  Kentucky (KY) 23  South Carolina (SC) 24  Connecticut (CT) 25  Oklahoma (OK) 26  Iowa (IA) 27  Colorado (CO) 28  Arizona (AZ) 29  Oregon (OR) 30 </div>

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

The next page is Page 8

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

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

-more-

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

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

Ord	Character	Characteristics	Universe	Description
9	1-3	PADDING		
	4-6	Document Count (Within Work Unit)	All	001-999
0	1-3	Work Unit Number (From Breaker Sheet)	All	001 or ΔΔ1 If Breaker was missing 9XX Assign
	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
1 & 2	All	Final Weight	All	Two Understood Decimal Places. (Right justified, space fill -01)
3	1-6	PADDING		

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



Word	Char.	Characteristic	Universe	Description
26	5	<u>Item 18I</u> - ETHNICITY (Recode)	All	Mexican American 1 Chicano 2 Mexican (Mexicano) 3 Puerto Rican 4 Cuban 5 Central or South American 6 Other Spanish 7 All other 8 Do Not Know 9 NA A
	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4 } 5 }	PADDING		
	6	BLANK		
20 Through 64	1 } 6 }	PADDING		

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	1
				Reference Person with no other relatives in household	2
				Husband	3
				Wife	4
				Own child	5
				Parent	6
				Brother/Sister	7
				Other relative of reference person	8
				Non-relative of reference person - with own relatives in household	9
				Non-relative of reference person - no own relatives in household	A
	4-5	Item 18C - PARENT'S LINE NUMBER	All	None	00
				Parent's line number	01-39
	6	PADDING			
66	1-2	Item 18D - AGE	All	Age in Years	14-90 <sup>1/</sup>
	3	Item 18E - MARITAL STATUS	All	Married-civilian spouse present	1
				Married-Armed Forces spouse present	2
				Married-spouse absent (Exclude separated)	3
				Widowed	4
				Divorced	5
				Separated	6
				Never married	7
	4-5	Item 18F - SPOUSE'S LINE NUMBER	All	None	00
				Spouse's line number	01-39
	6	Item 18G - SEX	All	Male	1
				Female	2

<sup>1/</sup>Age topcoded at 90 years

## ATTACHMENT D (Armed Forces)

PAGE 16

NORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	PADDING			
	2-3	Item 10H - 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			
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

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	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	MARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	SPOUSE'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	PADDING			
71	1	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	2	GRADE COMPLETED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3	RACE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	4	PADDING			
	5 thru 2	Total Weekly Family Earnings (for members 16+)	MIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
72	3	PADDING	ALL		

## ATTACHMENT D (Armed Forces)

DATE 070185

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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 MO 104:5=1,3	00 01-39
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Wage and Salary Workers With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only	0 1 2 3 3 4 4 5 5
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	MIS=4,6	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time Not in Universe	0 1 2 3 4 5
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-6 Earners 9+ Earners	0 0 1-6 9

## ATTACHMENT D (Armed Forces)

DATE 070185

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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
14	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)

DATE 070185

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

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





## Attachment 11

CURRENT POPULATION SURVEY  
September 1985 Immunization and Smoking Supplements  
Record Layout for Public Use File

## PUBLIC USE FILE

Word	Char.	Item	Characteristic	Universe	Description	Values
81	1		Padding			
	2		Padding			
	3		Padding			
			<u>EDITED IMMUNIZATION SUPPLEMENT DATA</u>			
	4	30	Have Diabetes?	Adults 14+	Yes	1
					No	2
					Don't Know	3
					NA	9
	5	31	Have Chronic Kidney Disease?	Adults 14+	Yes	1
					No	2
					Don't Know	3
					NA	9
82	6	32	Have Asthma..Bronchitis?	Adults 14+	Yes	1
					No	2
					Don't Know	3
					NA	9
	1	33	Have Chronic Heart Condition?	Adults 14+	Yes	1
					No	2
					Don't Know	3
					NA	9
	2	34	Had Influenza Vaccine? Sept. 1, 1984-Aug. 31, 1985	All	Yes	1
					No	2
					Don't Know	3
					NA	9
	3	35	Had Pneumonia Vaccine?	All	Yes	1
					No	2
					Don't Know	3
					NA	9
	4	36	Had Pneumonia Vaccine Sept. 1, 1984-Aug. 31, 1985	All With Yes in Item 35	Yes	1
					No	2
					Don't Know	3
					NA	9

CURRENT POPULATION SURVEY  
September 1985 Immunization and Smoking Supplements  
Record Layout for Public Use File

PUBLIC USE FILE

Word	Char.	Item	Characteristic	Universe	Description	Values
82	5	37	Had Polio Vaccine by Mouth	Adults 14-19 & Children	Yes	1
					No	2
					Don't Know	3
					NA	9
	6	38	How many times Polio Vaccine by mouth?	Adults 14-19 and Children With Yes in Item 37	One Time	1
					Two Times	2
					Three Times	3
					Four+ Times	4
					Don't Know	5
					NA	9
83	1	39	How many times Polio Vaccine by mouth in past 12 months?	Adults 14-19 and Children With Yes in Item 37	None	1
					One Time	2
					Two Times	3
					Three Times	4
					Four + times	5
					Don't Know	6
					NA	9
83	2	40	Had DTP Shots?	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9
	3	41	How many DTP Shots?	Adults 14-19 and Children With Yes in Item 40	One	1
					Two	2
					Three	3
					Four	4
					Five +	5
					Don't Know	6
					NA	9
	4	42	Had Red Measles in Past 12 Months?	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9

CURRENT POPULATION SURVEY  
September 1985 Immunization and Smoking Supplements  
Record Layout for Public Use File

PUBLIC USE FILE

Word	Char.	Item	Characteristic	Universe	Description	Values
83	5	43	Had Red Measles Shots?	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9
	6	44	Had Red Measles Shots in Past 12 Months?	Adults 14-19 and Children With Yes in Item 43	Yes	1
					No	2
					Don't Know	3
					NA	9
84	1	45	Had Three-day Measles in Past 12 Months?	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9
	2	46	Had Three-day Measles Shots?	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9
84	3	47	Had Three-day Measles Shots in Past 12 Months?	Adults 14-19 and Children With Yes in Item 46	Yes	1
					No	2
					Don't Know	3
					NA	9
	4	48	Had Chicken Pox in Past 12 Months? Sept. 1, 1984-Aug. 31, 1985	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9
	5	49	Had Mumps Shot?	Adults 14-19 and Children	Yes	1
					No	2
					Don't Know	3
					NA	9
	6	50	Had Mumps Shot in Past 12 Months?	Adults 14-19 and Children With Yes in Item 49	Yes	1
					No	2
					Don't Know	3
					NA	9

CURRENT POPULATION SURVEY  
September 1985 Immunization and Smoking Supplements  
Record Layout for Public Use File

PUBLIC USE FILE

Word	Char.	Item	Characteristic	Universe	Description	Values
85	1	51	Interviewer Check Item Age of this person	Children 0-13	0-5 6-13	1 2
	2	52	Enrolled in Licensed Day Care? Sept. 1, 1984-Aug. 31, 1985	Children 0-13	Yes No Don't Know NA	1 2 3 9
<u>EDITED SMOKING SUPPLEMENT DATA</u>						
	3	50A	Interviewer Check Item Age of the Person	Adults 14+	16+ All Others	1 2
	4	51	Has Smoked at least 100 Cigarettes?	Adults 16+	Yes No Don't Know NA	1 2 3 9

\*\*\*NOTE: The edited immunization supplement data is continued on page 6 of this record layout.  
(Word 87, Character 4 through word 87, Character 6)

CURRENT POPULATION SURVEY  
September 1985 Immunization and Smoking Supplements  
Record Layout for Public Use File

PUBLIC USE FILE


Word	Char.	Item	Characteristic	Universe	Description	Values
85	5 & 6	52	Age First Started Smoking? (WD 85:5-6 contains age; WD86:1 contains categorical responses)	Adults 16+ Yes or NA to Item 51	00 11 22 33 44 55 66 77 88 99	0 1 2 3 4 5 6 7 8 9
86	1	52	Categorical response	Adults 16+ Yes or NA to item 51	Never Regularly Don't Know NA	1 2 3
	2	53	Smokes Cigarettes Now?	Adults 16+ and entry other than "DK" in 52	Yes No Don't Know NA	1 2 3 9
86	3	54	Does Use Other Form of Tobacco?	Adults 16+	Yes No Don't Know NA	1 2 3 9
	4	55	Other Forms of Tobacco Used? (NA=total NA's for item)	Adults 16+ and yes or NA in item 54	Snuff NA	1 9
	5	55	Other Forms of Tobacco Used? (NA=total NA's for item)	Adults 16+ and yes or NA in item 54	Chewing Tobacco NA	1 9
	6	55	Other Forms of Tobacco Used? (NA=total NA's for item)	Adults 16+ and yes or NA in item 54	Cigars NA	1 9
87	1	55	Other Forms of Tobacco Used? (NA=total NA's for item)	Adults 16+ and yes or NA in item 54	Pipe Tobacco NA	1 9
	2	55	Other Forms of Tobacco Used? (NA=total NA's for item)	Adults 16+ and yes or NA in item 54	Other NA	1 9

CURRENT POPULATION SURVEY  
September 1985 Immunization and Smoking Supplements  
Record Layout for Public Use File

PUBLIC USE FILE

Word	Char.	Item	Characteristic	Universe	Description	Values
	3	55A	Interviewer Check Item Proxy Used	Adults 14+	Him/Herself All Others NA	1 2 9
----- EDITED IMMUNIZATION ITEMS CONTINUED -----						
	4	56	Any Person in Household 0-19 Years Old?	Interview All	Yes No NA	1 2 9
	5	57	Refer to an Immunization Record?	Item 56 = 1	Yes No NA	1 2 9
	6	55	Who Answered for 0-19 Year Old Children?	Item 56 = 1	Parent Self Other Relative Nonrelative NA	1 2 3 4 9
88 thru 88	1  2		PADDING			

Attachment 12  
QUESTIONNAIRE FACSIMILE

<b>INTERVIEWER CHECK ITEM</b>  Only CPS-1 for household ..... <input type="checkbox"/> First CPS-1 or 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>LINE NO. OF H'HOLD RESP.</b> .....  <b>NON H'HOLD RESPONDENT</b> ..... <input type="checkbox"/> <i>(Specify and Send Intercomm)</i>  <b>INTERVIEW</b> ANY ENTRY OTHER THAN ( Yes <input type="checkbox"/> NEVER WORKED IN ITEMS 23A-E in this CPS-1 ..... No <input type="checkbox"/> <b>NONINTERVIEW</b> TYPE A ..... <input type="checkbox"/> TYPE B ..... <input type="checkbox"/> TYPE C ..... <input type="checkbox"/>  <i>(SEND INTER COMM)</i>	<b>FORM CPS-1</b>   <b>CURRENT POPULATION SURVEY</b>  <i>Form Approved - O.M.B. No. 0607-0049</i> <i>Form 28, 1-1</i>	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>Bureau of the Census</b>  <b>CONTROL NUMBER</b>  PSU SEGMENT SERIAL
--	--	--

CURRENT

<b>TELEPHONE HOLD</b> <i>(Mark this box for office "telephone hold" cases only)</i>  <input type="checkbox"/>
--

POPULATION

SURVEY

SEPTEMBER 1985

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

FIRST CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REF. PERS.	18C. PAR'S LINE NO.	18D. AGE	18G1. SEX Male... Female...	18K. ORIGIN
1	Own child	1	1	Male	1
2	Brother/Sister	2	2	Female	2
3	Other relative of Ref. Person	3	3	1. White	3
4	Non-rel. of Ref. Person - WITH OWN RELS. in household	4	4	2. Black	4
5	Non-rel. of Ref. Person - NO OWN RELS. in H. H.	5	5	3. Amer. Ind. Aleut, Eskimo	5
6		6	6	4. Asian or Pac. Isl.	6
7		7	7	5. Other	7
8		8	8		8
9		9	9		9
34. Did ... receive influenza vaccine (e / flu shot) during the period September 1, 1984 - August 31, 1985? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
35. Has ... ever received vaccine for pneumonia? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 37)					
36. Did ... receive vaccine for pneumonia during the period September 1, 1984 - August 31, 1985? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
37. Has ... ever had polio vaccine by mouth? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 40)					
38. How many times has ... ever had polio vaccine by mouth? 1 2 3 4 + DK					
39. How many times during the past 12 months has ... had polio vaccine by mouth? 1 2 3 4 + DK					
40. Has ... ever had any shots against diphtheria, tetanus, and whooping cough, that is DTP? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 42)					
41. How many DTP shots has ... ever had? 1 2 3 4 5 + DK					
42. Has ... had the red measles, also known as the eight day measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
43. Has ... ever had an injection or shot against the red measles? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 45)					
44. Has ... had an injection or shot against the red measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
45. Has ... had the three-day measles, also known as Rubella or German measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
46. Has ... ever had an injection or shot against the three-day measles? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 48)					
47. Has ... had an injection or shot against the three-day measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
48. Has ... had chicken pox during the past 12 months (Sept. 1, 1984 - Aug. 31, 1985)? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
49. Has ... ever had an injection or shot against the mumps? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 51)					
50. Has ... had an injection or shot against the mumps during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
51. INTERVIEWER CHECK ITEM Child is 0-5 yrs. old (Ask 52) Child is 6-13 yrs. old (Next child or fill 56, as appropriate)					
52. Has ... been enrolled in a licensed day care facility at any time during the period September 1, 1984 - August 31, 1985? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					

*If this is last child, fill household page item 56.*

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	
1	Reference Person WITH other relatives in h' hld	1	1	Married-civilian spouse present	
2	Reference Person with NO other relatives in h' hld	2	2	Married-Armed Forces spouse present	
3	Husband	3	3	Married-spouse absent (Exclude separated)	
4	Wife	4	4	Widowed	
5	Own child	5	5	Divorced	
6	Parent	6	6	Separated	
7	Brother/Sister	7	7	Never married	
8	Other rel. of Ref. Person	8	8		
9	Non-rel. of Ref. Person WITH OWN relatives in household	9	9		
10	Non-rel. of Ref. Person with NO OWN relatives in household	10	10		
11		11	11		
12		12	12		
13		13	13		
14		14	14		
15		15	15		
16		16	16		
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92		92	92		
93		93	93		
94		94	94		
95		95	95		
96		96	96		
97		97	97		
98		98	98		
99		99	99		
100		100	100		

SECOND CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REF. PERS.	18C. PAR'S LINE NO.	18D. AGE	18G1. SEX Male... Female...	18K. ORIGIN
1	Own child	1	1	Male	1
2	Brother/Sister	2	2	Female	2
3	Other relative of Ref. Person	3	3	1. White	3
4	Non-rel. of Ref. Person - WITH OWN RELS. in household	4	4	2. Black	4
5	Non-rel. of Ref. Person - NO OWN RELS. in H. H.	5	5	3. Amer. Ind. Aleut, Eskimo	5
6		6	6	4. Asian or Pac. Isl.	6
7		7	7	5. Other	7
8		8	8		8
9		9	9		9
34. Did ... receive influenza vaccine (e / flu shot) during the period September 1, 1984 - August 31, 1985? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
35. Has ... ever received vaccine for pneumonia? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 37)					
36. Did ... receive vaccine for pneumonia during the period September 1, 1984 - August 31, 1985? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
37. Has ... ever had polio vaccine by mouth? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 40)					
38. How many times has ... ever had polio vaccine by mouth? 1 2 3 4 + DK					
39. How many times during the past 12 months has ... had polio vaccine by mouth? 1 2 3 4 + DK					
40. Has ... ever had any shots against diphtheria, tetanus, and whooping cough, that is DTP? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 42)					
41. How many DTP shots has ... ever had? 1 2 3 4 5 + DK					
42. Has ... had the red measles, also known as the eight day measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
43. Has ... ever had an injection or shot against the red measles? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 45)					
44. Has ... had an injection or shot against the red measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
45. Has ... had the three-day measles, also known as Rubella or German measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
46. Has ... ever had an injection or shot against the three-day measles? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 48)					
47. Has ... had an injection or shot against the three-day measles during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
48. Has ... had chicken pox during the past 12 months (Sept. 1, 1984 - Aug. 31, 1985)? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
49. Has ... ever had an injection or shot against the mumps? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/> (Skip to 51)					
50. Has ... had an injection or shot against the mumps during the past 12 months? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					
51. INTERVIEWER CHECK ITEM Child is 0-5 yrs. old (Ask 52) Child is 6-13 yrs. old (Next child or fill 56, as appropriate)					
52. Has ... been enrolled in a licensed day care facility at any time during the period September 1, 1984 - August 31, 1985? Yes <input type="checkbox"/> No <input type="checkbox"/> DK <input type="checkbox"/>					

*If this is last child, fill household page item 56.*

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	
1	Reference Person WITH other relatives in h' hld	1	1	Married-civilian spouse present	
2	Reference Person with NO other relatives in h' hld	2	2	Married-Armed Forces spouse present	
3	Husband	3	3	Married-spouse absent (Exclude separated)	
4	Wife	4	4	Widowed	
5	Own child	5	5	Divorced	
6	Parent	6	6	Separated	
7	Brother/Sister	7	7	Never married	
8	Other rel. of Ref. Person	8	8		
9	Non-rel. of Ref. Person WITH OWN relatives in household	9	9		
10	Non-rel. of Ref. Person with NO OWN relatives in household	10	10		
11		11	11		
12		12	12		
13		13	13		
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84		84	84		





<b>18. LINE NUMBER</b>  18. What was ... doing most of LAST WEEK — Working <input checked="" type="checkbox"/> Keeping house <input type="checkbox"/> Going to school <input type="checkbox"/> or something else? <input type="checkbox"/>  Working (Skip to 20A) ... WK <input type="checkbox"/> With a job but not at work ... J <input type="checkbox"/> Looking for work ... LK <input type="checkbox"/> Keeping house ... H <input type="checkbox"/> Going to school ... S <input type="checkbox"/> Unable to work (Skip to 24) ... U <input type="checkbox"/> Retired ... R <input type="checkbox"/> Other (Specify) ... OT <input type="checkbox"/>	20. Did ... do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator in hh., ask about unpaid work.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Go to 21)	21. (If J in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 22)	22. (If LK in 19, Skip to 22A.) Has ... been looking for work during the past 4 weeks? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Go to 24)	<b>24. INTERVIEWER CHECK ITEM</b> (Rotation number) First digit of SEGMENT number is: 1, 2, 4, 5, 6 or 8 (Skip to 26) 3 or 7 (Go to 24A)	<b>25. INTERVIEWER CHECK ITEM</b> (Rotation number) First digit of SEGMENT number is: 1, 2, 4, 5, 6 or 8 (Skip to 26) 3 or 7 (Go to 24A)
20C. Does ... USUALLY work 35 hours or more a week at this job? Yes <input type="checkbox"/> What is the reason ... worked less than 35 hours LAST WEEK? No <input type="checkbox"/> What is the reason ... USUALLY works less than 35 hours a week? (Mark the appropriate reason) Slack work ... <input type="checkbox"/> Material shortage ... <input type="checkbox"/> Plant or machine repair ... <input type="checkbox"/> New job started during week ... <input type="checkbox"/> Job terminated during week ... <input type="checkbox"/> Could find only part-time work ... <input type="checkbox"/> Holiday (Legal or religious) ... <input type="checkbox"/> Labor dispute ... <input type="checkbox"/> Bad weather ... <input type="checkbox"/> Own illness ... <input type="checkbox"/> On vacation ... <input type="checkbox"/> Too busy with housework, school, personal bus., etc. ... <input type="checkbox"/> Did not want full-time work ... <input type="checkbox"/> Full-time work week under 35 hours ... <input type="checkbox"/> Other reason (Specify) ... <input type="checkbox"/>	20A. How many hours did ... work LAST WEEK at all jobs? 49 (Skip to item 23) 1-34 (Go to 20C) 35-48 (Go to 20D)	21A. Why was ... absent from work LAST WEEK? 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 (Skip to 22B and 22C) Temporary layoff (Under 30 days) (Skip to 22C) Indefinite layoff (30 days or more or no def. recall date) (Skip to 22C) Other (Specify) ... <input type="checkbox"/>	22A. What has ... been doing in the last 4 weeks to find work? (Mark off methods used; do not need list.) Checked with — pub. emp. agency <input type="checkbox"/> prt. emp. 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., ITPA, union or prof. register, etc.) ... <input type="checkbox"/>	24A. When did ... last work for pay at a regular job or business, either full- or part-time? 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"/>	25A. How many hours per week does ... USUALLY work at this job? 1-34 <input type="checkbox"/> 35-48 <input type="checkbox"/>
20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work? Yes <input type="checkbox"/> How many hours did ... take off? (Correct 20A if last time not already deducted; if 20A reduced below 35, correct 20B and fill 20C; otherwise, skip to 23.) No <input checked="" type="checkbox"/>	20E. Did ... work any overtime or at more than one job LAST WEEK? Yes <input type="checkbox"/> How many extra hours did ... work? (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No <input checked="" type="checkbox"/>	21B. Is ... getting wages or salary for any of the time off LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/> Self-employed <input type="checkbox"/>	22B. Why did ... start looking for work? Was it because ... lost or quit a job at that time (pause) or was there some other reason? Lost job ... <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"/>	24B. Why did ... leave that job? 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"/>	25B. Is ... paid by the hour on this job? Yes <input type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Skip to 25D)
23. DESCRIPTION OF JOB OR BUSINESS 23A. For whom did ... work? (Name of company, business, organization or other employer.) 23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., farm.) 23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.) 23D. What were ...'s most important activities or duties at this job? (For example: types, keeps account books, files, sells cars, operates printing press, finishes concrete.)	22C. 1) How many weeks has ... been looking for work? 2) How many weeks ago did ... start looking for work? 3) How many weeks ago was ... laid off? 22D. Has ... been looking for full-time or part-time work? Full <input type="checkbox"/> Part <input checked="" type="checkbox"/> 22E. Is there any reason why ... could not take a job LAST WEEK? Yes <input 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"/> No <input type="checkbox"/>	24C. Does ... want a regular job now, either full- or part-time? Yes <input type="checkbox"/> (Go to 24D) Maybe — it depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> (Skip to 24E) Don't know <input type="checkbox"/>	24D. What are the reasons ... is not looking for work? (Mark each reason mentioned) • 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"/>	25C. How much does ... earn per hour? Dollars <input type="text"/> Cents <input type="text"/> 25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received. \$ <input type="text"/>	
23E. Was this person An employee of a 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 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"/> (Skip to 26) NEVER WORKED ... NEV <input type="checkbox"/>	23F. INTERVIEWER CHECK ITEM Entry for (NA) in item 20A <input type="checkbox"/> (Go to 25 at top of page) Entry for (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 ... Reference Person with NO other relatives in household ... 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 ...	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS Married - civilian spouse present ... Married - Armed Forces spouse present ... Married - spouse absent (Exclude separated) ... Widowed ... Divorced ... Separated ... Never married ...	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male <input checked="" type="radio"/> Female <input type="radio"/>	18G2. VETERAN STATUS Veteran <input checked="" type="radio"/> Vietnam Era <input type="radio"/> Korean War <input type="radio"/> World War II <input type="radio"/> World War I <input type="radio"/> Other Service <input type="radio"/> Nonveteran <input type="radio"/>	18H. HIGHEST GRADE ATTENDED E H C 1 2 3 4 5 6 7 8 None	18I. GRADE COMPLETED Yes <input type="radio"/> No <input type="radio"/>	18J. RACE 1. White ... 2. Black ... 3. Amer. Indian, Aleut, Eskimo ... 4. Asian or Pacific Isl. ... 5. Other ...	18K. ORIGIN
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>26. INTERVIEWER CHECK ITEM</b> (Transcribe from control card item 18) This person is 18-24 years of age <input type="radio"/> (Ask 26A) All others <input type="radio"/> (End Questions)</p> <p><b>26A. (If "School" in 19, Verify) LAST WEEK</b> was ... attending or enrolled in a high school, college, or university? (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation.) Yes <input type="radio"/> (Verify) <input checked="" type="radio"/> High School ... <input type="radio"/> (Ask College or Univ. <input type="radio"/> 26B) No <input type="radio"/> (End Questions)</p> <p><b>26B.</b> Is ... enrolled in school as a full-time or part-time student? Full time <input type="radio"/> (END Part time <input type="radio"/> (QUESTIONS</p> </div> <div style="width: 30%;"> <p><b>36.</b> Did ... receive vaccine for pneumonia during the period September 1, 1984 - August 31, 1985? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>36A. INTERVIEWER CHECK ITEM</b> This person is 14-19 years old <input type="radio"/> (Ask item 37) All others <input type="radio"/> (Skip to item 50A)</p> <p><b>37.</b> Has ... ever had polio vaccine by mouth? Yes <input type="radio"/> No <input type="radio"/> (Skip to 40) DK <input type="radio"/> (Skip to 40)</p> <p><b>38.</b> How many times has ... ever had polio vaccine by mouth? 1 2 3 4 + DK <input type="radio"/></p> <p><b>39.</b> How many times during the past 12 months has ... had polio vaccine by mouth? 1 2 3 4 + DK <input type="radio"/></p> </div> <div style="width: 30%;"> <p><b>48.</b> Has ... had chicken pox during the past 12 months (September 1, 1984 - August 31, 1985)? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>49.</b> Has ... ever had an injection or shot against the mumps? Yes <input type="radio"/> No <input type="radio"/> (Skip to 50A) DK <input type="radio"/> (Skip to 50A)</p> <p><b>50.</b> Has ... had an injection or shot against the mumps during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>50A. INTERVIEWER CHECK ITEM</b> This person is 16+ <input type="radio"/> (Read lead in and ask 51) All others <input type="radio"/> (Skip to 55A)</p> <p><b>LEAD IN:</b> I have a few more questions to ask concerning cigarette smoking and other tobacco usage.</p> </div> </div>											
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>REMINDER: BE SURE TO ASK THE LABOR FORCE QUESTIONS FOR ALL HOUSEHOLD MEMBERS 14+ YRS. OLD BEFORE ASKING THE SUPPLEMENTAL QUESTIONS.</b></p> <p><b>SUPPLEMENTAL QUESTIONS</b></p> <p><b>LEAD IN:</b> This month we are asking some additional questions about certain diseases and illness and protection from them.</p> <p><b>30.</b> Does ... have diabetes? Yes <input type="radio"/> No <input type="radio"/> Don't know <input type="radio"/></p> <p><b>31.</b> Does ... have chronic kidney disease? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>32.</b> Does ... have asthma (pause), emphysema (pause), tuberculosis (pause) or chronic bronchitis? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>33.</b> Has ... ever been told by a doctor that he/she had a chronic heart condition such as a heart attack (pause), a rheumatic heart condition (pause), high blood pressure (pause) or hardening of the arteries? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>34.</b> Did ... receive influenza vaccine (pause), during the period September 1, 1984 - August 31, 1985? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>35.</b> Has ... ever received vaccine for pneumonia? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 36A)</p> </div> <div style="width: 30%;"> <p><b>40.</b> Has ... ever had any shots against diphtheria, tetanus and whooping cough, that is DTP? Yes <input type="radio"/> No <input type="radio"/> (Skip to 42) DK <input type="radio"/> (Skip to 42)</p> <p><b>41.</b> How many DTP shots has ... ever had? 1 2 3 4 + DK <input type="radio"/></p> <p><b>42.</b> Has ... had the red measles, also known as the eight day measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>43.</b> Has ... ever had an injection or shot against the red measles? Yes <input type="radio"/> No <input type="radio"/> (Skip to 45) DK <input type="radio"/> (Skip to 45)</p> <p><b>44.</b> Has ... had an injection or shot against the red measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>45.</b> Has ... had the three-day measles, also known as Rubella or German measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>46.</b> Has ... ever had an injection or shot against the three-day measles? Yes <input type="radio"/> No <input type="radio"/> (Skip to 48) DK <input type="radio"/> (Skip to 48)</p> <p><b>47.</b> Has ... had an injection or shot against the three-day measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> </div> <div style="width: 30%;"> <p><b>51.</b> Has ... smoked at least 100 cigarettes in his/her entire life? Yes <input type="radio"/> No <input type="radio"/> (Skip to 54) DK <input type="radio"/> (Skip to 54)</p> <p><b>52.</b> How old was ... when he/she first started smoking cigarettes fairly regularly? 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 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 52 53 54 55 56 57 58 59 60 Never smoked regularly <input type="radio"/> (Skip to 54) Don't know <input type="radio"/></p> <p><b>53.</b> Does ... smoke cigarettes now? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/></p> <p><b>54.</b> Does ... presently use any other form of tobacco, such as snuff or chewing tobacco? Yes <input type="radio"/> No <input type="radio"/> (Skip to 55A) DK <input type="radio"/> (Skip to 55A)</p> <p><b>55.</b> What other form(s) of tobacco does ... presently use? (Mark all that apply.) Snuff <input type="radio"/> Chewing tobacco <input type="radio"/> Cigars <input type="radio"/> Pipe tobacco <input type="radio"/> Other (Specify) <input type="radio"/></p> </div> </div>											
<p><b>INTERVIEWER INSTRUCTION</b></p> <p>Last 14+ person and</p> <p>a. Children 0-13 ... Go to 34 on page 2</p> <p>b. No children 0-13 ... Go to 56 on page 3</p> <p>Otherwise ... Go to next 14+ supplement interview</p>											



# Attachment 13

## UNWEIGHTED AND WEIGHTED COUNTS

TOTAL INTERVIEWS (CIVILIAN ONLY)	UNWEIGHTED	WEIGHTED (1000'S)
WHITE		
MALE		
<14	13269	19938
14+	49519	76647
FEMALE		
<14	12795	18930
14+	54195	83448
BLACK		
MALE		
<14	2227	3731
14+	5110	9387
FEMALE		
<14	2259	3642
14+	6679	11468
OTHER		
MALE		
<14	702	889
14+	1764	2452
FEMALE		
<14	701	870
14+	2017	2703
 TOTAL RECORDS	 UNWEIGHTED	 WEIGHTED (1000'S)
TOT RECORDS	165627	234104
INTERVIEWS	151237	234104
<14	31953	48000
14+	119284	186104
ARMED FORCES	635	790
TYPE A	2729	0
TYPE B/C	11026	0



SOURCE AND RELIABILITY OF THE ESTIMATES FOR  
UNITED STATES IMMUNIZATION SURVEY:  
SEPTEMBER 1985

**SOURCE OF DATA.** The estimates are based on data obtained in September 1985 from the Current Population Survey (CPS) conducted by the Bureau of the Census and from supplementary questions to the CPS.

The monthly CPS deals mainly with labor force data for the civilian noninstitutional population. Questions relating to labor force participation are asked about each member in every sample household. In addition, in September 1985, supplementary questions were asked relating to immunization and cigarette smoking.

The present CPS sample was initially selected from the 1980 census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to reflect new construction. The current CPS sample is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions in the Nation. In this sample, approximately 62,500 occupied households were eligible for interview. Of this number, about 2,500 occupied units were visited but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason.

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

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

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

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

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

1. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.



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

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common types of hypotheses appearing in this report are: (1) the population parameters are identical, and (2) they are different. An example of this would be comparing the percentage of children aged 5-9 years receiving polio vaccine versus the percentage of children aged 10-14 years receiving the vaccine. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the parameters are different when, in fact, they are identical.

To perform the most common test, let  $x$  and  $y$  be sample estimates for two characteristics of interest. A subsequent section explains how to derive a standard error on the difference  $x-y$ . Let that standard error be  $\sigma_{diff}$ . Compute the ratio  $R = (x-y)/\sigma_{diff}$ . If this ratio is between  $-2$  and  $+2$ , no conclusion about the parameters is justified at the 0.05 level of significance. If, on the other hand, this ratio is smaller than  $-2$  or larger than  $+2$ , the observed difference is significant at the 0.05 level. In this event, it is commonly accepted practice to say that the parameters are different. Of course, sometimes this conclusion will be wrong. When the parameters are, in fact, the same, there is a 5 percent chance of concluding that they are different.

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

**Note When Using Small Estimates.** Summary measures (such as medians and percent distributions) are shown only when the base is 75,000 or greater. Because of the large standard errors involved, there is little chance that summary measures would reveal useful information when computed on a smaller base. Estimated numbers are shown, however, even though the relative

standard errors of these numbers are larger than those for corresponding percentages. These smaller estimates are provided primarily to permit such combinations of the categories as serve each data user's needs. Also, care must be taken in the interpretation of small differences. For instance, even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

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

The figures in Tables A through D provide approximations to standard errors of estimated numbers and estimated percentages. For standard errors of estimated numbers and percentages for poverty data use Tables A or B as footnoted. In all the standard error tables, standard errors for intermediate values not shown may be approximated by linear interpolation.

Two parameters (denoted "a" and "b") are used to calculate standard errors for each type of characteristics; they are presented in Table E. These parameters were used to calculate directly the standard errors in Tables A through D. They also may be used to calculate directly the standard errors for estimated numbers and percentages. Methods for direct computation are given in the following sections.

Standard errors for states may be obtained from the generalized standard error tables by applying an additional factor to these figures. Table F shows factors by which the standard errors in Tables B through D should be multiplied for estimates of percents for states.

**Standard Errors of Estimated Numbers.** The approximate standard error,  $\sigma_x$ , of an estimated number can be obtained by use of standard error Table A. Alternatively, standard errors may be approximated by using formula (1), from which the standard errors were calculated in Table A. Use of this formula will provide more accurate results than the use of standard error tables.

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

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Table E associated with the particular type of characteristics.

**Illustration of the Computation of the Standard Error of an Estimated Number.** Suppose that there were approximately 43,500,000 persons aged 1-19, who had ever received a rubella vaccine. Using formula (1) with  $a = -0.000076$  and  $b = 5757$  from Table E, the approximate standard error <sup>1</sup> is

$$\sqrt{(-0.000076)(43,500,000)^2 + (5757)(43,500,000)} = 327,000$$

The 90-percent confidence interval for the number of persons, aged 1-19 years, who had ever received a measles vaccine before September 1985 is from 42,977,000 to 44,023,000 (using 1.6 times the standard error). The 95-percent confidence interval is from 42,846,000 to 44,154,000 (using twice the standard error). Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 95 percent of all possible samples.

**Standard Errors of Estimated Percentages.** The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. The approximate standard error,  $\sigma(x, p)$ , of an estimated percentage can be obtained by use of the standard error Tables B, C, and D. Alternatively, standard errors may be approximated by using formula (2) from which standard errors in Tables B, C, and D were calculated; direct computation will give more accurate results than use of the tables.

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

Here  $x$  is the size of the subclass of persons which is the base of the percentage,  $p$  is the percentage ( $0 < p < 100$ ) and  $b$  is the parameter in Table E associated with the particular type of characteristic in the numerator of the percentage.

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 1/ From column 2 of Table A, the standard error of 43,500,000 is approximately 324,000.

**Illustration of the Computation of the Standard Error of a Percentage.** Suppose that of the 14,500,000 persons, aged 1-4, 61 percent had ever received a rubella vaccine before September 1985. Using formula (2) with b = 2063 from Table E, the approximate standard error <sup>2</sup> is

$$\sigma_{(x,p)} = \sqrt{\frac{2063}{14,500,000} (61)(39)} = 0.6 \text{ percent}$$

The 95-percent confidence interval for percentage of persons, aged 1-4, who had ever received a rubella vaccine before September 1985 is from 59.8 to 62.2. The 90-percent confidence interval is from 60.0 to 62.0.

Also, suppose that of the 44,500,000 persons, aged 5-17, 69 percent had ever received a rubella vaccine before September 1985. Using formula (2) with b = 3694 from Table E, the approximate standard error <sup>3</sup> is

$$\sigma_{(x,p)} = \sqrt{\frac{3694}{44,500,000} (69)(31)} = 0.4 \text{ percent}$$

Consequently, the 95-percent confidence interval of the percentage of persons, aged 5-17, who had ever received a rubella vaccine before September 1985 is from 68.2 to 69.8. The 90-percent confidence interval is from 68.4 to 69.6

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

$$\sigma_{(x-y)} = \sqrt{\sigma_x^2 + \sigma_y^2} \quad (3)$$

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

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2/ From Table D, the standard error of 61 percent on a base of 14,500,000 is approximately 0.6 percent.

3/ From Table C, the standard error of 69 percent on a base of 44,500,000 is approximately 0.4 percent.

Illustration of the Computation of the Standard Error of an Estimated Difference. Suppose that 71.0 percent of 17,000,000 children, aged 5-9 years, had ever received polio vaccine three or more times. For children aged 10-14, the percentage is 68.0 of 17,000,000. The apparent difference between the percentages of children aged 5-9 and 10-14 years is 3.0 percent. Table D shows the standard error of 71.0 percent on a base of 17,000,000 to be approximately 0.5 percent; the standard error of 68.0 percent on a base of 17,000,000 is also 0.5 percent.

Thus, the standard error on the estimated difference of 3.0 percent is approximately

$$\sigma_{(x-y)} = \sqrt{(0.5)^2 + (0.5)^2} = 0.7 \text{ percent}$$

This means that the 90-percent confidence interval for the difference between the percent of children aged 5-9 and 10-14 years who had ever received polio vaccine three or more times is from 1.9 to 4.1, and the 95-percent confidence interval is from 1.6 to 4.4. Since the 95-percent confidence interval does not include zero, we can conclude with 95 percent confidence that the percentages of children aged 5-9 years who had ever received polio vaccine three or more times is larger than that of children aged 10-14 years.

TABLE A                      Standard Errors of Estimated Numbers  
                                    of Persons  
                                    (Number in thousands)

Standard Error			
Size of Estimate (1)	Age Groups Covering 15 Years or More (2)	Age Groups Covering More Than 10 But Less Than 15 Years	Age Groups Covering 10 Years or Less (3)
250	38	30	23
500	53	43	32
1,000	75	60	45
2,500	117	94	69
5,000	164	129	94
10,000	224	173	121
15,000	263	199	133
25,000	311	219	121 3)
40,000	330	185 2)	(x)
50,000	313 1)	(x)	(x)

(x) Not Applicable

- 1) For estimates larger than 50,000,000 multiply estimate by 0.006 to get the standard error.
- 2) For estimates larger than 40,000,000 multiply estimate by 0.005 to get the standard error.
- 3) For estimates larger than 25,000,000 multiply estimate by 0.005 to get the standard error.

Table B      Standard Errors of Estimated Percentages of Persons  
Age Groups Covering 15 Years or More

Base of Percentage (thousands)	Estimated Percentage						
	1 or 99	2 or 98	5 or 95	10 or 90	20 or 80	35 or 65	50
500	1.1	1.5	2.3	3.2	4.3	5.1	5.4
1000	0.8	1.1	1.7	2.3	3.0	3.6	3.8
2500	0.5	0.7	1.0	1.4	1.9	2.3	2.4
5000	0.3	0.5	0.7	1.0	1.4	1.6	1.7
10000	0.2	0.3	0.5	0.7	1.0	1.1	1.2
25000	0.2	0.2	0.3	0.5	0.6	0.7	0.8
50000	0.11	0.2	0.2	0.3	0.4	0.5	0.5
75000	0.09	0.12	0.2	0.3	0.4	0.4	0.4
100000	0.08	0.11	0.2	0.2	0.3	0.4	0.4

Table C      Standard Errors of Estimated Percentages of Persons  
Age Groups Covering More Than 10 But Less Than 15 Years

Base of Percentage (thousands)	Estimated Percentage						
	1 or 99	2 or 98	5 or 95	10 or 90	20 or 80	35 or 65	50
500	0.9	1.2	1.9	2.6	3.4	4.1	4.3
1000	0.6	0.9	1.3	1.8	2.4	2.9	3.0
2500	0.4	0.5	0.8	1.2	1.5	1.8	1.9
5000	0.3	0.4	0.6	0.8	1.1	1.3	1.4
10000	0.2	0.3	0.4	0.6	0.8	0.9	1.0
25000	0.12	0.2	0.3	0.4	0.5	0.6	0.6
50000	0.09	0.12	0.2	0.3	0.3	0.4	0.4
75000	0.07	0.10	0.2	0.2	0.3	0.3	0.4



Table D      Standard Errors of Estimated Percentages of Persons  
Age Groups Covering 10 Years or Less

Base of Percentage (thousands)	Estimated Percentage						
	1 or 99	2 or 98	5 or 95	10 or 90	20 or 80	35 or 65	50
500	0.6	0.9	1.4	1.9	2.6	3.1	3.2
1000	0.5	0.6	1.0	1.4	1.8	2.2	2.3
2500	0.3	0.4	0.6	0.9	1.1	1.4	1.4
5000	0.2	0.3	0.4	0.6	0.8	1.0	1.0
10000	0.14	0.2	0.3	0.4	0.6	0.7	0.7
25000	0.09	0.13	0.2	0.3	0.4	0.4	0.5
35000	0.08	0.11	0.2	0.2	0.3	0.4	0.4

TABLE E

Standard Error Parameters for Estimated Numbers  
and Percentages of Persons

Characteristic	Person	
	a	b
Age Groups Covering 15 Years or More	-0.000076	5757
Age Groups Covering More Than 10 But Less Than 15 Years	-0.000071	3694
Age Groups Covering 10 Years or Less	-0.000059	2063

Table F

## STATE FACTORS

STATES	FACTOR
ALABAMA	1.25
ALASKA	0.39
ARIZONA	1.06
ARKANSAS	0.86
CALIFORNIA	1.13
COLORADO	1.06
CONNECTICUT	0.96
DELAWARE	0.47
DIST. OF COL.	0.47
FLORIDA	0.94
GEORGIA	1.25
HAWAII	0.58
IDAHO	0.55
ILLINOIS	0.99
INDIANA	1.09
IOWA	0.95
KANSAS	0.85
KENTUCKY	1.06
LOUISIANA	1.14
MAINE	0.61
MARYLAND	1.05
MASSACHUSETTS	0.71
MICHIGAN	0.88
MINNESOTA	1.12
MISSISSIPPI	0.88
MISSOURI	1.09
MONTANA	0.50
NEBRASKA	0.68
NEVADA	0.63
NEW HAMPSHIRE	0.63
NEW JERSEY	0.79
NEW MEXICO	0.65
NEW YORK	0.91
NORTH CAROLINA	0.73
NORTH DAKOTA	0.43
OHIO	0.94
OKLAHOMA	0.94
OREGON	1.02
PENNSYLVANIA	0.97
RHODE ISLAND	0.61
SOUTH CAROLINA	0.95
SOUTH DAKOTA	0.42
TENNESSEE	1.21
TEXAS	1.14
UTAH	0.70
VERMONT	0.45
VIRGINIA	1.24
WASHINGTON	1.22
WEST VIRGINIA	0.78
WISCONSIN	1.20
WYOMING	0.44

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