

ICPSR Inter-university Consortium for Political and Social Research

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

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

ICPSR 9133

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> > **ICPSR 9133**

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

(ICPSR 9133)

Principal Investigator

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

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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

 ${\tt UNIVERSE:} \quad {\tt All\ persons\ in\ the\ civilian\ noninstitutional\ population\ of\ the\ United} \\ {\tt States.}$

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	OverviewUnited States Immunization and Smoking Survey
Attachment 3	OverviewCurrent 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 <u>documentation</u> 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 $\underline{\text{tape}}$ 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 $\underline{\text{subject matter}}$ should be directed to Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2773.

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.

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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 (diptheria, 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. <u>Employment and Earnings</u>, 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. <u>Employment and Earnings</u>, 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.

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9	track,	6250 b	pi (EBCDIC	or	ASCII)	1	\$140

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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:

- 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".
- 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 categorial 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, nonresdential, 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) Interviewed Adults
WORD 1, CHARACTER 1=1 and
WORD 17, CHARACTERS 1-2 = 14-99

2) Type A Noninterview
WORD 1, CHARACTER 1=2

3) Type B/C Noninterview
WORD 1, CHARACTER 1=3

4) Armed Forces Records
WORD 1, CHARACTER 1=4

5) Children
WORD 1, CHARCTER 1=5 and
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 <a href="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 <u>Current Population Reports</u>:

P-20 Population Characteristics

P-23 Special Studies

P-27 Farm Population

P-60 Consumer Income

All <u>Current Population Reports</u>, 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. 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. 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). procedure is primarily used to increase the reliability of estimates of month-to-month change, although other reliability gains are also realized. 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
	January	1982 Dat	a (000's)		
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
	July 19	982 Data (000's)		
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 fulltime 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=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 \neq 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
- 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.

<u>Self-Employed</u>. 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.

<u>Veteran Status</u>. 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.

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GLOSSARY

Geographic Concepts

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

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

NORTHEAST REGION

New England Division

Vermont

Middle Atlantic Division

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island

New Jersey . New York Pennsylvania

MIDWEST REGION

East North Central Division

West North Central Division

Illinois Iowa
Indiana Kansas
Michigan Minnesota
Ohio Missouri
Wisconsin Nebraska
North Dakota
South Dakota

WEST REGION

Mountain Division

Pacific Division

Arizona Alaska
Colorado California
Idaho Hawaii
Montana Oregon
Nevada Washington
Utah
Wyoming

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

SOUTH REGION

East South Central Division

West South Central Division

Alabama Kentucky Mississippi Tennessee Arkansas Louisiana Oklahoma Texas

South Atlantic Division

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

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 <u>no interviews</u> 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 <u>code of "2" or "3" in word 1, character 1</u> of each new record. To eliminate these records and prevent the inadvertant analysis of "non-person" records, data users should select only those cases identified by a numerical code of "1" (representing an interview record) in the first column of each record.

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

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Attachment 6

CURRENT FORULATION SURVEY

ADULT INTERVIEW RECORD LAYOUT FOR STANDARD TAPE COPILS

Attachment .

(Beginning July 1985)

Page 1

Word	Char.	Characteristic	Universo	Description	
.	1	Record type	/11	Interviewed Adult	1
	2	Month in Samplo (Recoded from Month and Rotation)	A11		1-8
	3	Dlank	•		
2	1-6	Household ID Number	A13	·	
3	1-3	•			
	<i>h</i>	Region (From M.S.T.)	A11	Northeast North Centra1 South Vest	1 2 3 4

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

Word	Char.	Characteristic	Universe	Description		
3	5	Division (From M.S.T.)	A11	New England Middle Atlantic Fast North Central West North Central South Atlantic Fast South Central West South Central Mountain Pacific	1 2 3 4 5 6 7 8 9 9	Region 1 Region 2 Region 3 Region 4
	5-6	State (1st digit of State Code is Division Code) (From H.S.T.)	Λ11	New Fryland Division Maine New Hampshire Vermont Massachusetts Node Island Connecticut	11 12 13 14 15, 16	
				Middle Atlantic Division New York New Jersey Pennsylvania	21 22 23	

		Change Land Land	سىمىسىسىسىسىسىسىسىسىسىسىسىسىسىسىسىسىسىس	V		
lord	Char.	Characteristic	Universe	Description		
	5-6	State (1st digit of State	All			
		Code is Division Code)		East North Control Divisio	••	
		(From M.S.T.) (Con't)		Ulio	31	
				Indlana	32	
				Dinois);))	
		•		Michigan	31 ₁	
				Winconain)4)5	
				Heat Horth Central Division	•	
				Himesota		
		•		Iown	41 42	
				Missouri		
		:		North Dakota	43	
		·	,	South Dakota	1,1,	
			•	llebraska	45 46	
				Kenna	1.7	
				South Atlantic Division		
	•			Delaware	51	
			•	Haryland	52	
				District of Columbia	53	
				Virginia	54	
				Hent Virginia	55	
				Horth Carolina	56	
•				South Carolina	57	
		2		Georgia	ŚĤ	
				Florida	59	
		•		East South Central Division	•	
				Kentucky	61	
				Temicaaco	62	
				Alabama	63	
				Masteelff	Ü,	

Vord	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State	A11	West South Central Divisi	
		Code is Division Code)		Arkonasa	71
	•	(From H.S.T.) (Con't)		Louisiane	72
		•		Octobous	73
				Texns	74
				Hountain Diviolog	
				Hentono	61
				Idnho	n2
				Wycanling	8)
				Catorndo	ov.
				flew Hexton	(15
		•		Arlzona	116
				ULnii	07
			•	llevndn	(Ø
		•		Pacific Division	
			·	Hostington	91
			•	Oregon	92
				California	93
				Aloska	91,
				llown 1 1	95

ord	Char.	Characteristic	Vidvorse	Description	n
1,	1-2	-2 State Nankings (From M.S.T.)	A11		1980 Nanking
			•	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

Hord	Chor.	Characteriatie	Virlveron	Description	
1,	1-2	State Rankings (Con't)	Ali	198	O Ranking
		(From H.S.T.)		Mississippi (MS)	31
	•			Kansas (KS)	32
				Arkansas (AR)	33
				West Virginia (WV)	34
				Nebraska (NE)	35
		•		Utah (UT)	36
				New Mexico (NM)	37
				Maine (ME)	38
				Hawaii (HI)	39
		•		Rhode Island (RI)	40
				Idaho (ID)	41
				New Hampshire (NH)	42
				Nevada (NV)	43
				Montana (MT)	44
		,		South: Dakota (SD)	45
				North Dakota (ND)	46
	•			Dist. of Columbia (DC)	47
				Delaware (DE)	48
				Vermont (VT)	49
				Wyoming	50
			_	Alaska	51

The next page is Page 8

There is no page 7

Attachment A

Pogo U

Word	Char.	Characteristic	Universe	Description	
•	3-1,	₽ADDING			
	5	<u> Ilem 1 – Interviewer Check</u> Item	A11	Dlank or Impossible Only CFS-1 for household First CFS-1 of cont. household Second CFS-1 of cont. household Third, fourth, etc. CFS-1	1 2 3 4
	6	Blank	1		

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			. •
	1,-6	1tem 10 - INTERVIEWER CODE	, ^11	Blank or Impossible in any digit	-NA, or A/A-N/9 (Excluding I)
6	1	Item 12 - LINE NO. IPHID RESP.	V11 ,	Dlank or Impossible Non H'hld Resp.	- 1-6 7
	2	<u>Item 13</u> - TYPE INTERVIEW	A11	Dlank Personal Tel. – Regular Tel. – Callback ICR Filled	2 3 4 5
	3-1,	Item 11 - DATE COMPLETED	A11	Day of Month	or 1\$/-29
	5	Item 26A1Is attending or enrolled in a high school, college or unitversity?	Item 26=1	Yes No	1 2
	6	Item 26A2Verification of Item 26A1	Item 26A1=1	High School College or Univ.	1 2

ord	Char.	Characteristic	Universe	Description	
1	1	1tem 20 - Diddo any work	۸11	Mank or Impossible	
		at all IAST WEEK?		Yes	1
		,	•	No	2
	2	1tem 200 - INTERVIEWER CHECK	۸11	Diank or Impossible	<u> </u>
				19+ hours	1.
				1-34 hours	2
			<i>:</i>	35-48 hours	3
	3	Item 21 - Didhave a job or	A11 .	Blank or Impossible	-
	•	business from which he was	•	Yes	1
		temporarily absent or on layoff LAST WEFK?		llo	1 2
	1,	Item 22 - Hasbeen looking	۸11	Blank or Impossible	-
		for work during the past		Yes	1
		h weeks?		No	2
	5 .	1tem 214 - INTERVIEWER CHECK	A11 -	Diank or impossible Unit is in continuing	-
				rotation	1
				Unit is in departing	
				rotation	2
	6	D1ank ·			

Word	Char.	Characteristic	Universo	Description	
đ	1	Land Vange (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.	A11	Nonfarm Farm	1 2, 3
		(Effective April 1984: Reflects	New Farm Definition)		
	2-3	11cm 4 - TYPE OF LIVING	<u></u>	Housing Unit	
	,	QUARTERS (Recode)	,	House, apt., flat HU in nontransient botel,	01.
				etc. IIV. permanent, in trans.	02
				hatel, motel, etc.	03
	•			HU in rooming house	OI,
				Hoblie bome or Trailer	05
				Other Unit Otra, not HU in rooming or	06
				boarding house	07
				Unit not permanent in trans	•
			•	hotel, motel, etc.	03
	•			Tent or traller site	09
				Other not IN	10
	1,	'New' Farm Definition (Recode)	^11	Nonfarm	1
	•	Effective February 1976. (Edited using Urban/Mural Code from M.S.T. and CPS-1 Document <u>Items 5a.</u> and <u>5b.</u>)		Farm	2, 3

Hord	Chor.	Characteriatic	Universe	Description	
3	5	Blank			
	. 6	1tem 9 - Household Minner	Al1		1-0
	1	Item 17 (Recode) - What wasdoing most of IAST WEEK (Major Activity)?	λ11	Horking With a job Looking Home School Umble Other (Incl. Retired)	1 2 3 4 5 6 7
	2-3	Item 20A - How many hours didwork LAST WEEK at all John?	PSR 1	Humber of Hourn	01-99
	i,	Item 200 - DoesIEUAIJA work 35 hours or more n week nt this job?	FSR 1 & 'tem 20Å less than 95 hours	Tes No	1 2
	5-6	Item 200 - Renson less than 35 hours a week (Rocoded)	FSR 1 & Item 20A leas than 35 hours	Sinck work Niterial abortage Plant or machine repair New job started during week Job terminated during week	01 02 0) 04 05
		. (Could find only partition work Holiday (Legal or Religious) Inhor dispute Had weather Own illness On vacation Too huny with house, school, etc. Did not want full-time work	06 07 00 00 10 11 12
				Full-time work week under 35 hourn	14
				Other reason	15

Word	Char.	Characteristic	Universe	Description	
10	1	Item 21A - Why wasabsent from work TAST WEFK?	FSR 2	Own 111ness On vacation Und weather Labor dispute	1 2 3 4
			FSR 3	Hew job to begin within 30 days Temporary layoff (under 30 days) Indefinite layoff (30 days or more or no definite recall date)	5 6 7
		• .	FSR 2	Other	ß
	2	Item 210 - Ingetting wages or anlary for any of the time off IAST WEEK?	esin 2	Tea No Self employed	1 2 3
	3	Item 216 - Doesununlly work 35 hours or more a week at this Job?	ESIL 2	Yed No	i 2
		Item 22A ~ What hasbeen doing in the last 4 weeks to find work?			
		Hothods used - through word 11:4	. Hulliple entrie	es are possible.	
	4	Checked with public employment agency.	ESR 3	Blonk Fatry	- 1
	5	Checked with private employment agency.	ESR 3	Blank Fatry	ī

Hord	Char.	Characteristic	Universe	Description	· · · · · · · · · · · · · · · · · · ·
		Item 22A - Hethoda (Con't)			
0	6	Checked with employer directly.	est 3	Dinnk Patry	<u>.</u>
1	1	Checked with friends or reintives.	EIP 3	Alank Entry	<u> </u>
	2.	Placed or answered ads.	ESR 3	Mank Patry	- 1
	3	Nothing	ESR 4-7	Blank Entry	- 1
	4	Other	est 3	Blonk Fatry	- 1
	5	Item 22B - Why didstort $\frac{1}{}$ 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	Item 22C - Weeks usemployed (New Job starting in 30 days, weeks laid off, or weeks looking for work)	esr 3	Humber of Weeks	00-97
	2 .	Item 220 - Hasbeen looking for full-time or part-time work?	en 3	Full Part	1 2

-more-

^{1/} Recode starting January 1986

lord	Char.	Characteristic	Universe	Description	
12	3	Item 22E - Digit 1 - Is there 1/ony reason whycould not take a job LAST WEEK?	F आ 3	Yeo No	1 2
	4	1tcm 225 - Digit 2 - Is there 1/ any reason whycould not take a job LAST WEEK?	Yes in Digit 1	Already had a Job Temporary 11lness	1 2
	•	. (ESR 4-7	Coing to school Other) !
	5	1tem 22F - When didlast. work at a full-time job or	FSR J Re-entronts to Labor Force	In last 5 years Before last 5 years	1 2
		business lasting 2 consecutive weeks or more? (Recoded)	Now entrants to Labor Force	Never worked full-time 2 weeks or more Never worked at all	3 4
	6	Item 2/A - When didlast work for pay at a regular job or business, either full- or part-time?	SSR 4-7 and Honth 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

~MOTO-

 $[\]frac{1}{2}$ Recode starting January 1986.

lord	Char.	Cimrecteristic	bilverse	Description	
3 ·	1	Itom 240 - Mry dldlenvo	13R 4-7	Personal, family or school	1
		that job?	ond 1-5 in	Health	2
			Item 24A	lictivement or old aga	3
				Seasonal job completed Slack work or business	4
		·	•	conditions	5
				Temporary nonneasonal job	6
				completed UnantiaInctory work	()
					7
				nrrnngements Other	ő
				Other	U
	2	Item 24C - Doeswant a	FSR 4-7	Yen	1
	-	regular Job nost, of ther full-	and Houth	Hnybo, it depends	2
		or part-time?	n Sample	llo	3
			13 4 or 8	Don't Know	Ĩ,
		•	(Departing rotations)		·
		Item 2/D - What are the reasonsis not looking for work?			
		Rennonn through 15:1. Hultiple	entrice possible.		
•	3	Belleves no work available	item 24C	Mank	_
		in line of work or area	in 1 or 2	Bitr y	1
	4	Couldn't find any work	item 240	Diank	_
		COULDI C TANK BIO WOLK	in 1 or 2	Entr y	1
			1.0 I O. K	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•
	5	Lacks necessary echooling,	Item 24C	Dlank	-
	•	troining, skills or experience	1s 1 or 2	Entry	1
	6	Employers think too young or	Item 24C	Diank	-

					* T. I
Hord	Chor.	Characteriatie	Universe	Description	
		Item 240 - Rennoun (Con't)			
1/4	1	Other personal handlesp in	Thom 24C	Dlank	_
7.		finding Job	1s 1 or 2	Bitry	1
	2	Can't arrango <u>child care</u>	Item 240	Himple	_
			1s 1 or 2	Patry	1
•	3	Family responsibilities	Item 24C	Illank'	_
			in 1 or 2	Bitry	1
	1,	In school or other training	11.cm 240	lllank	_
			in 1 or 2	Bitry	1
	5	Ill health, physical	Item 24C	Mank	_
		dimbility	J- 1 or 2	Rntry	1
	6	Other	11.cm 24C	Dlauk	
			10 1 or 2	Datey	1 .
15	1	Ikm't Know	Item 24C	Dlank	_
		•	ic 1 or 2	Bitry	i
	2	Item 2/F - Doesintend to	E38 4-7 and	Tes	ı
		look for work of any kind in	Henth in Sample	It depends	2
•		the next 12 months?	to 4 or 8	No	1
			(Departing rotations)	Don't Know	Ĭ,

Hord	Char.	Characteristic	Universe	Description	
15	3	1tem 23E - Clann of worker (Filled and Hecofod)	n) ESR 1 or 2 b) ESR 3 e) ESR 4-7, Houth Ju Sample 10 4 or 0 & 10 m 24A in 1-5.	Private Government Solf employed Without pay Hever worked or Hover worked Full-Time	1 2 3 4
	1,-6	BLANK			
		•			
	1-3	BLANK			
	4-5	11cm 18A - LINE HUMBER	A11		01-39
	6	Item 180 - RELATIONSHIP TO HEAD OF HOWEHOLD (Recode from Relationship To Reference Person)	A11 .	liend with other reintiven (incl. wife) in homehold liend with no other reintived in household Wife of head Other reintive of head Nonrelative of head with our relatives (incl. wife) in homehold Nonrelative of head with no own relatives in homehold	1 2 3 4 5 6

Page 19

Word	Char.	Characteristic	Univers e	Description	
17	1-2	Item 18D - AGE	A11		14-901/
	3	Item 18E - MARITAL STATUS	V11	Married, civilian spouse present	1
		(Recode)		Married, Armed Force spouse	
				present	2
			•	Married, spouse absent (incl.	
				separated)	3
				Widowed or divorced	4
				Nover Married	5
	4	. Item 18J - RACE	^11	White	1
		The state of the s	•	BJ açk	2
		(Recode)		Other	3
	5	Item 18 _G - SEX	^1]	Male	1
		***************************************		Female	2
	6	Item 18G - VETERAN STATUS	Males	Vietnam Era	1
	J	Zoom Zog - Visionim Office	, induced	Korean War	2
•				World War II	1
				World War I	4
				Other Service	5
	•			Nonveteran	6
				indito vot dit	U

¹/ Age topcoded at 90.

<i>(</i>)		Character1st.1c	Universe	Description	
()	1-2	Item 18H - HIGHEST GRADE	A11	Nono	. 01
		(OF SCHOOL) ATTENDED		EL	02
		·		F2	03
		•	· ·	F3	O/,
				F/ _i	05
				E5	06
				F/G	07
				F77	08
				ात्र । इ.स.च्या	09
			•	111	.10
				112	1.1.
				113	12
				11/4	13
				· C1	3/4
				C2	1.5
				C 3	16
				C/4	17
				05	18
٠				CG+	19
	3	1tem 181 - CHADE COMPLETED	A1 2.	You	1
		and the same of th		No	$\overline{2}$
	1,	PADDING	•		
	5	Blank			
	6	Item 26Interview Check	All	16-24 Years of Age All Others	1 , 2

Word	Char.	Charactaristia	Unlvorno		Poseription	
19	1	ESR - Employment Status Povodo (Last Wok)	A1J.	Employed	{ With Job, not at work	1 2
		\cdot		Unomployed	looking	3
			•	Hot In Labor Force	flouro School Vaablo	4 5 6
	2	Item 26BIsenrolled in school as a full-time or part time student?	Item 26A1=1		COUMAR (Included Notired Full-time Part-time) 7 1 2
	3	indicator for principal paraon of houndhold	ли <u>1</u> /		llo Ins	0 1
	4-6	Dogwood Count (Within Nork Unit)	AL1	•	!	YY1-939
20	1-3	llork Unit Humbar (From Dronkar Shoot)	νņ	•	If Brooker was phoofing	001 or 0.01-975 911 Analysis
	4-5	Houth	A11 .		•	01-12
	6	Ionr - Innt Digit	A1.1			0-9
21 & 22 -	A).1	Final Watght	A3.1,	·	Two Violoratoral Document Placoo. (Right Justifia Opaco fill -01)	d,

^{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.

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6	PADDING .			
	4-6	JRCERR	All	No. of errors charged to Enumerator	000-999
25	1-3	·CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified <u>1</u> /	000 000 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified <u>1</u> /	00 00 01–12
	6	Individual Central City Code (Beginning October 1985)	A11	Not identifiable Identified 1/	0 1-4
26	1 .	Metropolitan Status Code	A11	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

Word	Char.	Characteristic	Unlverse	Description	
26	5	Item 181 - ETHNICITY	Λ11		
20	,	Total Total		Mexican American	1
				Chleano	2
				Hextean (Mexteano)	. 3
				Puerto Rlenn	l _i
				Cuban	5
		,		Central or South	
		•		\textra{\text{incr1cnn}}	6
				Other Spantsh	7
				All other	8
				Don't	9
				know	•
				ИЛ	٨
	6	PADDING			
27	1-2	Weighting Ago Rocodo	A11	1/1-15 Years old	01
· (.1	HOLEHOLING THE THEOLET		16-17	02
				1.0 -1.9	03
				20-21.	Oly
			·	22-2 /	05
	•			25-29	06
				30-3h	ογ
				35-39	OB
				1,0-1,1,	09
				115-119	10
				50-54	\mathfrak{n}
				55-59	12
				60-61	13
				62-6h	3/4
				65-69	15
				70-74	16
				75+	17

Hord -	Char.	'CharacterIstic	Unlverse	Description	
27	3	Blank			
	1,	RACE Recode	^11	White Other	1 2
	5	Dlank			
	<i>(</i> ,	Dlank			
20	1	Part timo status	A11	P.T. for Econ. reason Vol. Part time workers All other	5 6 0

ilord	Char.	Clioracteristic	Universe	Description	
2 0	2	Raco-Sex Recode	A11	tale white	1
				Femnlo whito	2
				Hale other	3
				Female other	4
	j	Agrl. Wage and Solory	A11	Not in Universe	0
				In Universe	1
	1,	Inbor Force status	A11	Civilian Inbor Force	3
•		·		Not in Inbor Force	4
	5	Full time or Part time status	A11	llot in Inbor Force	0
				Poployed full time Port time for economic	1
				rengona	2
				Unemployed full time	3
		· · · · · · · · · · · · · · · · · · ·		Employed part time	1,
				Unemployed part time	5
	6	Experienced Labor Force	A11	Not in experienced inbor	_
		Employment Status		Force	0
				Puployed	1
				Unemployed	2
29	1	llousehold relationship	A11	Malo head, 11ving with	
	·			relatives	1
				Male head, living without	_
			•	reintives	2
				Male relative of head	3
				Male nonrelative of head Femile head, living with	1,
				reintives	5
				Female head, living without	
				relatives	6
				Wife of hend	7
				Femulo relative of head	ġ
				Female nonrelative of head	9

29 2 Employed Closs of Worker All Not Employed Private	ń
lack	U
· · · · · · · · · · · · · · · · · · ·	1
Government	2
Self-employed	3
Unimid fomlly	1,

4	Inter Forde by Lime worked	A11	Hot in Labor Force At work	0
	or lost	ı	With Job, not at work	2
			Unemployed, necking Juli time	3
			Unemployed, decking part time	
5	Duration of www.loyment	Λ11	Not Unemployed	0
			Loss than 5 weeks	1
•			5 nrd 6 weeks	2
			7 to 10 weeks	3
			11 to 14 weeks	1,
			15 to 26 works	5
			27 to 39 weekn -	4
			40 to 51 weeks	7
			52 works nikl over	N.

Hord	Char.	Characteristic	Universe	Description	
29	6	Civilian Inbor Force	A11	Not in Universe	0
			•	In Un iv orse	1
10	1	Unemployed	A11	Not in Universe	0
			•	In Universe	ĺ
	2	Unemployed 15 weeks,	A13.	Not in Universe	O
		or more		In Universa	1
	3	Other HILF .	All	Not in Universe	0
-		·		In Universe	1
	1,	Full Time Labor Force	A11	Not in Universe	0
	•		···	In Universe	1
	5	Looking for full time	All	Not in Universe	O
		work		In Universe	1
	6	Hage and salary worker	A11	Not in Universe	0
	-		· · · · · · · · · · · · · · · · · · ·	In thiverso	1
31	1	Employed persons	, VII	Not in Universe	0
-	,			In Universe	1
	2	Employed persons (Excluding	, A11	Not. in Universe	0
		form worker & Private Whid Workers)		In Universo	1
	3	Experienced Labor Force	^ 111	Not in Universe	o
				In Universe	1
	1,	Full time experienced labor	Å13.	Not in Universe	0
		Force		In Universe	Ĩ

Nord	Char.	Character)at1c	Universe	<u> </u>	
31	5	Full time employed and economic part time	Å 11	Hot in Wilverne In Univerne	0
	6	Non-agriculture industries	A) į	Hot in Milverne In Universe	0 1
32	1	Non-ngriculture wage and salary worker	A11	Hot in Universe In Universe	0 1
	2	Agricultura	A11	Not in Universe In Universe	0 1
	1	BLANK			
	1,	BLANK		·	
	5	. Monufacturing wago and onlary	AL1	Not in Milverne In Univerne	0 1
	6	Private wage and malary	A11	Hot in Universe In Universe	0 1
33	1	Part time for noneconomic rensons	A11	Not in Universa In Universa	0 1
•	2 ·	Peratus acolding full time work (W & S)	A11	Not in Universe In Universe	0
	3	Unemployed with no previous work experience	A11	Not in Universe in Universe	0

Attach	ment A		Page 30		
Hord	Char.	Umrneteristic	Universe	Description	
 3)	4	Full time labor Force Recode	A11	Not in Universe	0
	•			Employed Full Time	3
		:		Looking for Full Time Work	t ₀
	5	Program Signal	A11		0
	6	Program Signal	A11		1
••		Amp. A	A) l	14-15	00
34,	1-2	Ago 1	W. X	16-17	Ol
				111-19	02
				20-24	03
				25-34	04
				35-44	05
				1,5-51,	06
				55-59	07
		•		60-64	Off
				65+	07
	3- 4	Agn 1A (16-21 yenrn)	Al 1	Not 16-21	00
	J-4	Wa Iv (10-57 learn)	, C. Z.	16-21 Yrs. School	10
				16-21 Yrs. Other	11
	5-6	Age 2	A 11	Lean Ulon 25 years	00
	7-0	MRU 4	***	25-29	01
•	•			30-34	02
				35-39	0)
				1,0-1,1,	04
				1.5-1.7	U5
	•			50-54	()/,
			_	55-59	07
			•	60-61	00
				62-64	07
				65-69	10
				701	11

Hord	Char.	Characteriatic		Universa		<u> </u>	scription	
35	1-2	Hajor Activity Ages 16-	-21,	A1 2		lh Jo	r Activity	~
					Ago	School	Othe	r
		•					HALE or	FFJI
							Feh, KSP	Hot Hir
					16	1	10	17
					17	2	11	20
			·		10 -	3	12	21
		,			19	4	13	22
				,	20	5	14	23
		•			21	6	15	21,
			` •		22	7	16	25
					23	đ	17	26
					21,	9	18	27
				•	ALL (Olhors	•-	VO
	3-4	Ago I,		A1 2.	lone	than 55	TOAPE	co
	J-4	wigo at		ND.	55 ye	NATE	300.0	01
		•			56	H		02
					57	11		0)
					50	11		04
					59			05
					60	11		OF.
					61	11		$\widetilde{\sigma}$
					62	11		OI)
					63	H		07
					64			10
•					65	11		11
					66	11		12
					67	**		13
					68 68	•		14
	•				69	••		
						11		15 16
					70 21	H		
				3	71	11		17
					72			16
	-				73	11		17
					74	*		20
					75 F	**		21

lord	Ch	ar,	Characteristic	Valvorgo	ligaerluklo	·
16	5-(6	Hajor Industry (II)	Cly. labor	Havor Worked	
,				Force	Agriculturo	(
			•		Hining	(
					Construction	(
					Hanufacturing	
					Imrable goods	
					tiondurable goods	
					Transportation and pa	ւ և11e
					ntilities	
	1/	Star	rting with January,1983, Post	nl" workers	1/ Postal	
			moved from "Public Administ:		2/ Postn1	(
			ed under "Transportation","R		Other transportation	
			lway express" were included wi	lth "Othor	Other utilities	
		tran	isportution!!		Miolegale and retail	
	- 4	_			Miolaunio trade	(
	2/		ting in January, 1983,"Public		Rotall trado	
		incl	udes the category "Armed Fore	cos" which is	Pinanco, insuranco, a	
		rost	ricted to unemployed persons	who reported	real entate	
		one	of the military services as t	ooing their	Private household ser	
		last	job.		Miscollaneous service	
				•	lusted but anoniculi	•
					Personal, except pri	
					howohold	:
					Entertatiment and ru	creation :
					Modlenl, except hosp	
					llooplin1s	
					Voltare and talighm	
					Education	•
				•	Other professional s	
					Forestry and flohers	.00
					Public administration	TAB

Inen 34

Attachment A

Word	Cline.	Characteriatic	Universe	Description
37	1-2	BLANK		

3-4	Class of worker Employed-Unemployed	Civ. Inhor Force	CM In Ivate	<u> 94</u>	<u> 1917-yr</u> 195
			Government (Federal, Local, and State)	02	04
			Solf-employed	0)	07
			Unpaid family	04	0/1
			Hover Worked		(X)

			•	
AL.	Ln	elmer	ıL	٨

Word	Char.	Characteristic	Universe		lescription	-
37	5-6	Najor Industry (I)	Civ. labor		Agricultura, Privata flousahola	1
) () -0	indo: killinger, (2)	Force		workers & Hover worked	00
					Hining .	01
					Countruction	02
			•		Hondfacturing	
					thirable goods	0)
		•			Hondurable goods	04
	1/	2/\ See page 33			Transportation and public	
	1/	Z/ / 2cg hago 22		• •	utilities	
				1/	Postal	05
					Other transportation	06
	•				Other utilities	07
					Miolegale and relaif trade	
					Wholenske trade	08
		,			Notnii trado	07
					Finnico, innurance, and real	
					ostalo	10
					Hincollamoous services	
		•			ihisinees and rejoir	11
					Personal, except private	
					household	12
					Ditortaliment and recreation	13
					Modical, excopt hospitals	14
			•		Hospitals	15
					Unitero and religious	16
					Falucation	17
					Other professional services	10
			•	1/	Forestry and fisheries	19
				31,	Public administration	20
				4		

Hord	Cher.	Characteriatic	Universe	Description	
J 0	1-2	Detailed Industry	Civ. Jahor Force	Hever Horked Goods-producing industries	00
			:	Agricultural production	O1
				Agricultural sorvices	02
			•	Hining	0)
				Countraction	04
				· Honufacturing	
		,		Durable Roods	
	<u>.3</u>	Starting in January, 19	083, "Ordnance" was	lambor	-06
		combined with "Fabricat	tod metals."	Furniture	07
		•	·	Stone, clay, glass	00
				, Primmy motals	09
				3/ Fabricated metals (incl.	
			,	not apoc. motal)	10
				Mchinery, exc. elect.	11
		•		Electrical equipment	12
				Transportation equipment	
				Autasobiles	13
				Alreraft	14
•		•		Other transportation	
				equip.	15
				Instruments	16
				Mincelleneous	17
•				Hondurable goods	44
				Food	10
				Tobacco Toxt11es	10
					20
	•			Appayol	21
				lapor Printing	22
				Chemicals	2) 24
		•		Potroloum	25
				Rubber and plastics	26
				Losther and not specified	
				manufecturing	27

Hord	Char.	Charactoriatic	Unlygrap	Devertot 19n	
30	1-2	Dotolled Industry (Con't)	Clv. labor Forco	Sorvico-producing industries Transportation and public utilities	
				1/ Postn1	21
				Other transportation	29
		•		Committellons	J 0
		•		Olline jubilio utilitico Trado	31
	1/ 2	/ Soo pago 33.		Vholomie Notali	32
				Eating and drinking places	33
				Other rotall Finance, insurence, and real	34
				ostato	
				limiting and other finance	35
				Insurance and real estate	3%
,				Private household service Miscellaneous services	37
				Imainosa sul repsir Imainosa	30
		•		Rojetr	39
				Pornonal nervices, except	,
				private houndhold	1,0
				Entertninment mmi recreation Professional pervices	41
•				Hedical, except hospitals	1,2
				Hoopitalu	4)
				Wolfers and rollglous	1,11
	•			Educational	1,5
				Other profossional Forestry sud fluberies	1,6 1,7
			•	Public administration	41
•				Armed Porces	40
				Other federal	49:
				State	50
				Loca 1	51

Hord	Char.	Characteristic	Universa	Dongription
90	3-6	DLANK		· ·

39	1-2	Honufacturing	Civ. Inhor Force	llover burked or not life. Ind Durable goods	. 00
		. (Lumbor	(XS
		.		Funiture	0)
				Stone, clay, glaus	04
		3/ 0		Primary malala	05
		3/ Soo page 36.		3/Fabricated metals (Incl.	
				not opea, motal)	90
				Machiner, oxe. elect.	07
				Eloctrical equipment	oil
				Tramportation equipment	
				Automobilos	07
				Alreraft	10
				Other transportation	
			•	oguliment	11
				Instruments	12
				Ill scollanoonu	ິ່ນ

lord	Clinr.	Characteristic	thilverse	Description	
39	1-2	Hanufacturing (Con't)	Clv. Inbor	Hordmable gouls	
) 7	1-2	indication and four al	Force	Food	14
		•	******	Tolineco	15
				Textiles	16
				Apparol	17
				Paper	10
		•		Printing	17
				Chemicals	20
				Petroleum	21
				Rubber and plantica Leather and not apocified	22
				monufacturing	2)
1	3-4	Renom not at work or	A11	Unemployed and HILF	00
	<i>J</i> -4	hours at work		Hith a job but not at work	
		,		Illnons	01
				Vacation	02
				Ind weather	0)
				labor diaputa	04
				All ollior	05
				<u>Al Hork</u>	
				1-4 hours	06
				5-14 hourn	07
		•		15-21 hours	00
				22-29 hours	07
				30-34 hours	10
	•			35-39 hourn	11
				40 hours	12
				1,1-1,7 hours	1)
				40 hours	14
				47-57 hours	15
				60 linurs or more	16

Hord_	Char.	Characteristic	Universe	Description	
37	5-6	At work 1-34 hours by	ESR = 1	Usually full time, part time	
		hours of work	(Person's	for noneconomic reasons	00
			at work)	Unually work full time, part	
			DIN 20A	timo for economic rensons	***
			is less	1-h hourd	01
			thon 35	5-14 hourn	02
		•		15-29 hours	U)
				30-34 hours	04
				Univilly work part time,	
				economic ronnona	
				1-/ hours	05
				5-14 liourn	06
				15-29 hours	O7
				70-34 hours	Od
•				Vaum11y work part time,	
		•		ninecimiente rendona	
				1-4 hours	07
				5-14 hours	10
				15-29 hours	11
				30-34 hours	12
10	1-2	Detailed reason by	FSR = 1	Hot In Universe	(X)
		hours 1-J4	(At Work)	Unually work full time	
			and 20A	Sinck work	01
			la leno	interial abortages; plant	
			thon 35	or michino remir	02
				Her Joh alarlad	03
		•		Job terndanted	O4
			•	llo lidny	05
				Inhor dinpute	() [/] ·
				Ind weather	(7)
				Om 111noso	()A
				On vacation	07
				All other	10

Hord	Char.	Characteriatic	thivorso	Description	
40	1-2	Doinited reason by hours 1-34 (Con't)	ESR = 1 (At work) and 20A	Usually work part time Sinck work Could find only part time	11
		,	· in long	work	12
			Umn 35	Om illnoss	ij
			CIMIT))	Too busy or did not want full time	•
				Full-time work week is	14
				unior 35 hours	16
		•		All other	15 16
				ALL OCHOL	10
	3-4	Reason not at work and	E38 = 2	Not In thitroras	00
	J-4	pay atatus	(with Job;	Vauglly work full time	
		Ing become	not at work)	Pald	
				Vnentlon	01
				Illuoso	02
				All other	03
	•			Not Paid	_
		•		Vacation	(1/4
		•		11 lnoss	05
				All other	06
				Unwilly work part time	
				ľníd	
		•		Vecation	07
				Illinons	00
				All allier	07
				Rot Pald	
				Vacation	10
				Jilnoon All albah	11
				All other	12
	5-6	Program Signal	A11		50
41 thr 42	u 1)	Veteran's Weight ¹ / (Starting January 1986)	All 16+	Two implied decimal place (

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

Word	Char.	Characteristic	Universe	Description	
		Edited Earnings	Items (outgoing rotations	only)	
43 and	NLL	Earnings Weight for ALL Races	Eligible for Earnings <u>I</u> /	Two implied decimal places, right justified, space filled	j
45 and	ALL	Earnings Weight for Spanish	Eligible for Earnings]/ and Ethnicity = Spanish	Two implied decimal places, right justified, space filled	l
47 and	ALL	PADDING			
49	1	Eligibility Flag 1/	ALL.	Not eligible Eligible	ī
	2- J	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	5-6	125C (Edited) - Earnings per hour? (See Appendix #2)	125B (Edited) = 1		100-9999
ر ب	1-2	Nourf (See Appendix #2)		(2 implied decimal places)	
	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 8) and ESR 1 or 2 (wd. 19, ch. 1=1 or 2) and edited item 23E is Private (wd. 15, ch. 3=1) and unedited item 23E is blank, private, or government (wd. 53, ch. 6/5, 6, 7, or 8)

⁽²⁾ If outgoing rotation and ESR 1 or 2 and edited Item 23E is Government (wd. 15, ch. 3=2)

^{2/-} For hourly workers, computed 25A X 25C value appears here. For weekly workers, edited 25D value appears here.

lord	Char.	Characteristic	Universe	Description	
50	6	Item 25E-Member of union? (Edited)	49:1=1	Yes No	
51	1	125A Allocation Flag	Elfglble	NO 125A not allocated 125A allocated	
	2	1258 Attocation Flag	Eligible	1250 not allocated 1250 allocated	
	. 3	125C Allocation Flag	125B (Edited) = 1	125C not allocated 125C ållocated	
	1	1250 Allocation Flag	Ellgible	1250 not allocated 1250 allocated	
	5	125 (Edited) Interviewer Check Item	ESR 1 or 2 and 23E = P, F, S, or L	(Not in universe) Month-in-sample 1, 2, 3, 5, 6, or 7 Month-in-sample 4 or 8	
	6	123F (Edited) Interviewer Chack Item	VLL	(Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 123E Entry (or NA) in 121U and P, F, S, or L in 123E	
2	1-3	1250 (Edited) - Usual weekly earnings	<u>3</u> /	Heekly Earnings	000-99
2	1	Item 25F-covered by union contract	t? WD/θ:1=1	V	•
2	5 6	Item 25E Allocation Flag Item 25F Allocation Flag	and 50:6=2 Eligible I25E=No	Yes No 125E Not Allocated 125E Allocated 125E Not Allocated	1

If Reported 25D value appears here for an hourly worker. If 25D was not reported 25D value appears here. This field is blank for weekly workers. This field is used for tabulation purposes for hourly workers:

Hord	Char.	Character i al. 1 c	Untvorao	Doscription
			•	

Basic CPS Allocation Flags

53	ı	Item 5a	A11	Not Allocated Allocated	0 1
	2	4			·
	3	5 			Į
	4	9			
	5	All Labor Force Items		1	
	6	ESR	•		
94	1	188			
	2	18G - Sex			ļ
	3	18J		1	į
	4	16E	Ì		
	5	10D		1	
	6	181			
55	1	18 _H			
	2	18g – Veteran Status		1	
	3	19			
	4	23 B			
	5	230		\bigvee	
	6	23E	V	V	¥

Hord	Char.	Characteristic	Universe	Description	
56	1	20/	Λ11	Not Allocated Allocated	0
	2 .	20C			
	3	21/			1
	4	210			
	5	21C			
	6	22C			
57	1	220			
	2	22F	,		
	3	211			Ī
	4.	240			İ
	5	24C			1
	6	240			
50	1	221			
	2	22E			1
	3	18/			Ì
	4	220			
	5	24E			Ì
	6	Geographic Identificati	lon Ψ	↓	4

Word	Char.	Characteristic	Univers	G.	Description	
			Unedited Basic CFS Tr	anscription	Items 1/	
59	1	Item 27	Tomura (Unedited)	N11	Owned or being No cash rent No entry	bought 6 7 0 D1a
59	2	Item 28	Total Family I (Unedited)	ncome A11	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 \$75,000 and Over	0 1 2 3 4 5 6 7 8 9 A B C D Blank
	3	Item 29A - Tele household (tran card item 30a)	phone in scribe from control Unedited 2	A11	Blank Yes No	- · 1 2
	4	Item 29B - Tele (transcribe fro item 30b)	phone available m control card Unedited 2	I-29a: No	= Blank Yes No	- 1 2
	5	Item 29C - Tele acceptable (Tra card item 30d)	phone interview nscribe from control Unedited 2	I-29: Yes or I-29! Yes	Yes No	- 1 2

Note Items 27-290 are included on each person's record.

July and November only. Padding all other months.

Hord	Char.	Characteristic	niverse	Description	
59 60	thru 6	PADDING	•		
61	1	Item 23E-Class of Worker (Edited)	Same as 123E	Private Federal Government State Government Local Government Self-Employed-Inc. Self-Employed-Uninc. Without Pay Never worked	1 2 3 4 5 6 7 8
	2	Item 23E-Class of Worker (Edited & recoded)	Same as above	Private (incl. S-E,Inc.) Federal Government State Government Local Government Self-Employed-Uninc. Without Pay Never worked	1 2 3 4 5 6 7
	3	Nonagriculture Private Wage & Salary	γ Λ11	Not in Universe In Universe	0

11

12 13

14

15

Transporation & material moving Handlers, quip. cleaners, etc.

Farming, forestry & fishing

llo previous experience -

Armed Forces

Haver worked

ATTAC	REMERKE A	•			PAGE 50
Mono	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62	2-3	Najor Industry	Same as 123E	Agriculture	01
	L. J	1111 JUL 2111111 JUL 2	(Exc. Hover	Hining	02
			norked)	Construction Manufacturing	9.2
				Durable goods	04
				Hondurable goods Transportation, communications &	05
				other public utilities Transportation Communications & public util.	9.0
				Communications	07
				Utilities & sonitary services Wholesale & rotall trade	08
				Wholesale trade	09
				Retail trade	10
				Financo, insuranco & real estate Sarvices	11
				Privato housaholds Miscellaneous services	12
				Business & repair	13
		•		Corsonal services, exc. priv. hh	13
			•	Entertainment & recreations Professional & related	15
				llospi tals	16
		•		Medical, exc. hospitals	17
				Educational Social sarvices	19
				Other professional	20
				Forestry & fisheries	21
				Public administration	20 21 22 23
				Armed Forces	23

FACHMENT A (Interview Adults)			PAGE 51	
RU CHAR.	CHARACTERISTIC	MILVERSE	DESCRIPTION	VALUES
52 4-5	Detailed Occupation	Same na 123E	Hever worked Managerial & professional specialty Executive, admin. & managerial	, 00
			Officials & admin., public admin.	
			Other exec., admin. & monagarial	02
			Monogement related	03
			Professional specialty Engineers	0.6
	· ·		Nathematical & computer	• •
			scientists	05
			Natural scientists	06
			llealth diagnosing	07
		•	Health assussment & treatmrist	98
			Tenchers, college & university	09
			Tenchara, exc. collaga L univ.	10
		••	Lawyers & judges	11 12
			Other professional specially Technical, sales & administrative support	12
			Technicians & related	
	,		Health technoligists & tech.	13
	•		Engla. & science technicions	14
	▼		Other tachnicians	15
	·		Salns	• •
			Supervisors & proprietors	16
			Salos repa., finance & busiress	17
			Sales reps., commodities,	
			except retail	18 19
	·	•	Sales Horkers, retail & personal Sales related	20
			Administrative support,	2.0
			including clerical	
			Supervisors	21
			Computer equip, operators	22
			Secretories, stanog., typists	23
			Financial records processing	24
	,		Mail & message distribution	25
		•	Other admin., incl. cloric: 1	26

ATIAC	ament A			DATE 020183	PAGE
WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUE
62	4-5	Detailed Occupation (cont'd)		Service	
				Private household Protective service Other service	27 28
	•			Food	29
				Health	30
				Cluaning 4 building	31
				Personal	32
				Precision production, craft & repains the following of th	33
		·	,	Construction trades	34
		•		Other precision prod., craft	••
				and repair	35
				Operators, fabricators & laborers Nachine oper., assemb. & inspec.	
				Machine oper. & tenders,	-4
				except precision	36
				Fabricators, assemblers, inspostors & samplers	37
				Transportation & material moving	31
				Motor validate uperators	38
				Other transp. A material moving	39
			•	Handlars, equip. cleaners,	
				helpers, laborers	
				Construction Taborers	40
				Fraight, stock & material handlers Other handlers, equip, classers,	71
				helpers & laborers	42
				Farming, forestry & fishing	••
				Form operators & managers	43
				Form workers & rainted	11
				Formstry & fishing	45
				Armad Forcus	46

ALINC	SHEAFA V				I'AGE 5J
40RD	CHAR.	CHARACTERISTIC	UNIVERSE	PESCRIPT LON	VALUES
62 63	$\binom{6}{1}$	Detailed Industry	Some as 123E	Hever Horkad Goods-producing Industries Agriculture	00
03	, ,			Agriculturnl services	01
				Other agricultural	02
				Mining	03
				Construction Manufacturing	04
				Durable Goods	
				Lumber & wend products,	
				except furniture	05
	•	·		Furnitura & fixtures	06
				Stone, clay, glass &	
			•	concrete products	07
		!		Matal Industries	
		·		Primary motals	08
			ı	Fabricated metals Not specified matals	09 10
				Machinery, exc. electrical	ii
				Electrical machinery, equip. &	••
				supplies	12
				Transportation equipment	
				Motor valicles & equipment	13
			*	Other transportation equip.	14
				Aircraft & parts Other trans, equip.	15
				Professional & photo equip.	16
				Toys, amusement & sporting goods	• •
				Misc. & nac mfg. industries	18
				Nandyrable goods	
				Food & kindred products	19
				Tobacco manufactures Textile mill products	20 21
				Apparel & other finished	£ I
				textile products	22
				Paper & allied products	23
				Printing, publishing 4	
		•		nllied industries	21
				Chamicals & alled products	25
				Petrolaum & cont products	26
				Rubber & misc. plastics	27 28
	•	•		Lenther & leather products	40

AT TAC	A TRUMB			,		PAGE 54
ORD	CIIAR.	CHARACTERISTIC		UNIVERSE	DESCRIPTION	VALUES
62 63	6	Detailed Industry (cont'd)		3ESI en omn2	Service-producing industries Transportation, communication & other public utilities	
03					Transportation Communications & other public utilities	29
					Communications	30
			•	·	Utilities & sonitory serv., Uholosolo & retoil trado	31
					Wholesnia troda	32
					Rotoil trade	33
		·			Finance, insurance & real estate	
					Danking & other finance	34
		·			Insurnice & real estate Services	35
					Private housahold Nisc. sarvices	36
					Business & repair serv.	
					Buaineaa aervicea	37
		•	4		Ropair sarvices Personal sarvices,	38
					exc. privata household	39
					Entertoloment & recreation	40
			•	4 %	Professional å relate d serv. Noseltals	41
					Hanlth serv., exc. hospitals	42
			•		Educational services	43
					Social sorvices	15
					Other professional serv.	45
					Forestry & fisheries	46
					Public administration	
					Justica, public order &	
					snfaly	47
					Admin. of humnn resource	
					programs National security &	48
					internal affairs	49
					Other public administrated	50
			•		Armed Forces	50 51

ATTAC	HETERE A				PAGE 55
lorp	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUE5
63	2-4	Item 23B - INDUSTRY (1980 Edited)	Some on 123E (Exc. Hever Horked)	3-digit Industry Coda	0 10-791
63 64	5-6) 1	Hem 23C - OCCUPATION (1980 Edited)	Same on 123E (Exc. Hover worked)	3-digit Occupation Code	003-903
64	2-6	PADDING			

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

		(Interview Adults)			PAGE 56
OKC	CHAR.	CHARACTERISTIC	WIIVERSE	DESCRIPTION!	VALUES
5 5	1-2	Item 18A - LINE NUMBER	A11	Line Humber	01-39
	3	item 180 - RELATIONSHIP TO REFERENCE PERSON	All	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Hite Own child Parent Brother/Sister Other relative of reference person Hon-relative of reference in household	1 2 3 4 5 6 7
	4-5	Item 16C - PARENT'S LINE INJUSER	A11	Hon-relative of reference person - no own relatives in household	A 00
		*********		Parent's line number	01-39
	6	PANDING			1
66	1-2	Item 18D - AGE	, A11	Aue in Years	14- 90 <u>-</u>
	3	Item 16E - HARITAL STATUS	A11	Harried-Civilianspouse present Harried-Armad Forces spouse present Harried-spouse absent	
				(Exclude separated) Hidowed Divorced Separated	3 4 5 6
				Hever married	7
	4-5	Item 16F - SPOUSE'S LINE MURBER	All	Hone Spouse's line number	00 01-39
	6	Item 186 - SEX	All	Male Female	1 2

 $\frac{1}{A}$ dge topcoded at 90 years

	HENT A C	Interview Adults)	•		PAGE 57
HORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	Item 18G - VETERAN STATUS	SEX=IIALE	Vietnam Era Korean Har Horld Har II Horld Har I Other Service Honveteran	1 2 3 4 5 6
1	2-3	Item 18H - HIGHEST GRADE (of school) ATTENDED	All	Hone E1 E2 E3 E4 E5 E6 E7 E0 H1 H2 H3 H9 C1 C2 C3 C4 C5 C6+	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17
•	•	Item 18I - GRADE COMPLETED	A11	Yes No	1 2
			' A11	Hite	

ATTAC	INTERIT A	(Interview Adults)			PAGE 58
HORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
68	1-2	PADDING			
	3-4	FAMILY NUMBER	ALL	Hot a Family Hember Primary Family Hember Only Subtanily Hember	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	flot a Family Hember Reference Person Snouse Child Other Relative(Primary Family on)	0 1 2 3 (v) 4
6 9	1-4	PADDING			
	•				
	5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to Hew Value	• 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION	FLAG ALL	Ho Change Blank to Value Old Value to New Value	0 1 2

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

ATTAC	HHENT A	(Interview Adults)		DATE 070185	PAGE 59
HORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
U	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	9 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	ÄLL	No Change Value Allocated	9
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	• 1 2
	6	VETERAN STATUS ALLOCATION FLAG	ALL	No Chande Blank to Value Old Value to Hem Value	1 2
1	1	HIGHEST GRADE ATTENDED ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	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	5	Total Heekly family Earnings (for members 16+)	HI5=4,8	Not in Primary Family Usual weekly family earnings	blank 6000-999
	3	PADDING	A11		

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

		T RECORD LAYOUT (Effective 97/85) (Interview Adults)		DATE 070185	PAGE 60
	CHAR.	(Interview Adults) 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 01-37
73	1	PRIMÁRY FAMILY EARNERS NAGE AND SALARY STATUS	ALL	Hot in Primary Family No One Employed Some Employed - No Hage and Salary Morkers With Mage and Salary Morkers -Husband, Wife or Reference Person Self-Employed With Hage and Salary Morkers Husband, Wife or Reference Person Not Self-Employed; Other Household Hember Self-Empl With Hage and Salary Morkers Only	4
	2	USUAL FULL-THE/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	HIS=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	1 2 3 4
	3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Hithout Pmy Unemployed Not in Labor Force Armed Forces	• 1 2 3 4 5
	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 Hithout Pay Unemployed Not in Labor Force Armed Forces	1 2 3 4 5 6
	. 5	HAMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 1-8

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

TTAC	INTERIT A	(Interview Adults)		DATE 070185	PAGE 61
IORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
	6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed	0 0 1-8
	1	HOUSEHOLD TYPE	ALL	Husband/Hife Primary Family - (Neither Husband or Hife in Armed Forces) Husband/Hife Primary Family - (Husband and/or Hife in Armed Forces) Unmarried Civilian Hale Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Hale Primary Individual Civilian Female Primary Individual Primary Individual Household - Reference Person in Armed Forces Group Quarters	1 2 3 4 5
	Z	IRRBER OF OHN CHILDREN LESS THAN 16 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 6 Children 7 Children 8 Children	0 1 2 3 4 5 6 7 8
		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 6-5 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	1 2 3 4 5 6 7
	4	PRIMARY FAMILY RELATIONSHIP	ALL	flot in Primary Family Husband Hife Own Child Other Relative Unmarried Reference Person	1 2 3 4 5

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

TTAC	INTERIF A	(Interview Adults)		DATE 070185	PAGE 62
ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
4	5	Number of Earners in Primary Family 16+	All	Not in Primary Family No earners 1-8 earners 9+ earners	8 0 1-8
	6	Number of Unemployed in Primary Family 16+	A11	Not in Primary Family No unemployed 1-8 unemployed 9+ unemployed	0 1-8
5 6 an	1-6 d 1-6	FAHILY WEIGHT	ALL	Two Implied Decimal Places, Right Justified ,Space Filled (01)	•
7	1-2	HOUSEHOLD SIZE '	ALL	Humber of Persons in Household	01-39
	3-4	NURBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Families	00-39
	5-6	PADDING			
8 ar v	1-6 d 1-6	FAMILY EARNINGS MEIGHT	HIS=4,6	Two Implied Decimal Places, Right Jusified, Space Filled (01)	
0	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	All	Not in Primary Family No One Employed Some Employed - No Hage and Salary Horkers Hith Hage and Salary Horkers Husband, Hite or Reference Person Self-Employed	0 1 2 3
		·		Hith Hage and Salarv Horkers Husband, Hife or Reference Person Not Self-Employed; Other Household Hember Self-Emplo Hith Hage and Salarv Horkers Only	4 yed
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	HIS=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 HEEKLY FAHILY EARHINGS	HIS=4.8	Not in Primary Family Usual Heekly Family Earnings	Blank 0000-9999

Attachment 7

CURRENT POPULATION SURVEY CHILDREN'S INTERVIEW RECORD LAYOUT

(BEGINNING July 1985)

FOR STANDARD TAPE COPIES

Attachin		•			Page
Word	Char.	Characteristic	Universe	Description	
1	1	Record type	Λ11	Interview	5
	.5	Month in Sample (Recoded from Month and Rotation)	A11		1-0
	3	Blank			•
	1-6		ÀH		
2	1-6	llousehold ID Number			
3	1-3			·	
	1	Region (From M.S.T.)	Λ11	Northeast North Central South West	1 2 3

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

Page 2

Hord	Char.	Characteriotic	Universa	Description		
3	5	Division (From H.S.T.)	A11	New Hygland Hiddle Atlantic East North Central West North Central South Atlantic Fast South Central West South Central Hountain	3 4 5 7 8	Region 1 Region 2 Region 3 Region 4
	5-6	State (1st digit of State Code is Division Code) (From H.S.T.)	A11	Pacific New Extand Division Naine New Hampolire Vermont Hassachusetts Noods Island Connecticut	9 <i>f</i> 11 12 13 14 15 16	•
			· •	<u>Middle Atlantic Division</u> New York New Jersey Pennsylvani a	21 22 23	

ord	Chor.	Chorocteristic	Universo	Description	
<u>viu</u>	5-6	State (Int digit of State	A11	East North Control Division	
		Code to Division Code)		Onlo	31
		(From H.S.T.) (Con't)		Indiana	<u> </u>
	•	•	•	1111no1s	ñ
					7/.
				Hichigan Wisconsin	34 35
				MIRCOURIN	,,,
		•	,	Hest North Central Division	
			•	Himesol s	41
				Iowa	42
	*		•	Hissouri	43
			•	North Dakota	41,
				South Dakots	45
				Hebrosk e	1./.
			•.	Konses	47
		•		South Atlantic Division	
				Dolaware	51
•				liarviand	52 53 54 55
				District of Columbia	53
		•	•	Yirginie	54
				Heat Virginia	55
				North Carolina	56
			•	South Carolina	57 50 59
	·			Ueorg1s	50
		•		Florida	59
	•	•			
				East South Central Division	61
				Kentucky	62
			• '	Toluroseee	69
				Alehomo	64
				Mestesty	04

					0. 4
Word	Char.	Characteristic	Universo	Description	
3	5-6	State (1st digit or State	A11	West South Central Divis	
		Code is Division Code)		Arkonona	71
		(From M.S.T.) (Con't)		Zoule Louin	72
				CF. Informa	73
				Texns	74
			. •	Hounteln Division	
				Hailain	Ø1
			,	1daho	Ū2
				Wyomlng	0)
				Colorado	ñí,
				lley Hexten	05
			•	Arizona	άί
				Vtoh	07
				Hovada	uq
		•		Pacific Division	
				Washington	91
				Oregon	ýž
	•			Celifornie	
				Alasks	9) n4
	•			llawa 1 1	95

l'age 5

California (CA) 0 New York (NY) 0 Texas (TX) 0 Pennsylvania (PA) 0 Illinois (IL) 0 Ohio (OH) 0 Florida (FL) 0 Michigan (MI) 0 New Jersey (NJ) 0 North Carolina (NC) 10 Massachusetts (MA) 1 Indiana (IN) 12	California (CA) 0 New York (NY) 0 Texas (TX) 0 Pennsylvania (PA) 0 Illinois (IL) 0 Ohio (OH) 0 Florida (FL) 0 Michigan (MI) 0 New Jersey (NJ) 0 North Carolina (NC) 10 Massachusetts (MA) 1 Indiana (IN) 1 Georgia (GA) 1 Virginia (VA) 1 Misconsin (WI) 10 Wisconsin (WI) 10 Tennessee (TN) 17 Maryland (MD) 18	California (CA) New York (NY) Texas (TX) Pennsylvania (PA) Illinois (IL) Ohio (OH) Florida (FL) Michigan (MI) New Jersey (NJ) North Carolina (NC) Massachusetts (MA) Indiana (IN) Georgia (GA) Virginia (VA) Missouri (MO) Wisconsin (WI) Tennessee (TN)	Hord	Char.	Characteriolic	Vidvorse	Description
California (CA) 0 New York (NY) 0 Texas (TX) 0 Pennsylvania (PA) 0 Illinois (IL) 0 Ohio (OH) 0 Florida (FL) 0 Michigan (MI) 0 New Jersey (NJ) 0 North Carolina (NC) 10 Massachusetts (MA) 1 Indiana (IN) 12	California (CA) 0 New York (NY) 0 Texas (TX) 0 Pennsylvania (PA) 0 Illinois (IL) 0 Ohio (OH) 0 Florida (FL) 0 Michigan (MI) 0 New Jersey (NJ) 0 North Carolina (NC) 10 Massachusetts (MA) 1 Indiana (IN) 12 Georgia (GA) 11 Virginia (VA) 14 Missouri (MO) 15 Misconsin (WI) 16 Misconsin (WI) 16 Maryland (MD) 16	California (CA) New York (NY) Texas (TX) Pennsylvania (PA) Illinois (IL) Ohio (OH) Florida (FL) Michigan (MI) New Jersey (NJ) North Carolina (NC) Massachusetts (MA) Indiana (IN) Georgia (GA) Virginia (VA) Missouri (MO) Wisconsin (WI) Tennessee (TN) Maryland (MD) Louislana (LA) Minnesota (MN) Minnesota (MN) Alabama (AL)	<i>I</i> 1	1-2	State Nankings (From M.S.T.)	111	198
New Jersey (NJ) 0 North Carolina (NC) 10 Massachusetts (MA) 1 Indiana (IN) 13	New Jersey (NJ) Of North Carolina (NC) 10 North Carolina (NC) 10 Massachusetts (MA) 1 Indiana (IN) 12 Georgia (GA) 13 Virginia (VA) 14 Missouri (MO) 15 Wisconsin (WI) 16 Tennessee (TN) 17 Maryland (MD) 18	New Jersey (NJ) North Carolina (NC) Massachusetts (MA) Indiana (IN) Georgia (GA) Virginia (VA) Missouri (MO) Wisconsin (WI) Tennessee (TN) Maryland (MD) Louisiana (LA) Washington (WA) Alabama (AL)		·			California (CA) New York (NY) Texas (TX) Pennsylvania (PA) Illinois (IL) Ohio (OH) Florida (FL)
	Missouri (MO) 19 Nisconsin (WI) 10 Tennessee (TN) 17 Maryland (MD) 18	Missouri (MO) Wisconsin (WI) Tennessee (TN) Maryland (MD) Louisiana (LA) Washington (WA) Minnesota (MN) Alabama (AL)					New Jersey (NJ) North Carolina (NC) Massachusetts (MA) Indiana (IN) Georgia (GA)

Ingo 6

	•		•		ign b
Hord	Chor.	Characteristic	Villyeron	Description	
I,	1-2	State Rankings (Con't)	ALL.	<u>198</u>	0 Ranking
		(From H.3.T.)		Mississippi (MS)	31
•			•	Kansas (KS)	32
		: · · · · ·		Arkansas (AR)	33
		• •	:	West Virginia (WV)	34
	•		j'	Nebraska (NE)	35
			f	Utah (UT)	36
		•		New Mexico (NM)	37
				Maine (ME)	38
				Hawaii (HI)	39
				Rhode Island (RI)	40
			1 •	Idaho (ID)	41
				New Hampshire (NH)	42
		•		Nevada (NV)	43
			İ	Montana (MT)	44
				South: Dakota (SD)	45
	•		_	North Dakota (ND)	46
			, i	Dist. of Columbia (DC)	47
			1	Delaware (DE)	48 .
		•		Vermont (VT)	49
		•		Wyoming	50
		·		Alaska	51

The next page is Page 8

Word	Char.	Characteristic	•	Universe		Description		
<i>I</i> ₄	3-4	I,VDDING	•.		•	•		
		•			÷		•	
			and the second	months and a control	:			. :
٠				,				
•	5	Ilem 1 – Intervie Item	wer check	\ ^11		Dlank 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	Dlank		•				

Pago 9

Word	Char.	Characteristic	Universe	Description	
5	1-3	Blank			
	1,-6	16em 10 - Interviewer Cour	A11	Blank or Impossible in any digit	-NA, or ASSI-1139 (Excluding I)
6	1	Item 12 - Line no. Il'IIID 1058.	ALL ;	Diank or impossible	1-6 7
	2	1tem 11 - Type interview	A11 .	Dlank Tersonal Tel Regular Tel Callback ICR Filled	- 2 3 4 5
	3-h	11cm 11 ~ DATE COMPLETED	ÝII	Day of Honth	~~ or 1 9 -29
	5-6	TADD1NG			
7	1-5 6	PADDING DLANK			

Hord	Char.	Cimractoriotic	Universe	Description	
đ	.1	Land Usage (Recode) (Edited using Urban/Ibiral Code from H.S.T. and CPS-1 Document			

Word	Char.	Characteristic	Universe	Description	
0	5	D1 ank			
	6	Item 9 - HOUSEHOLD NUMBER	A11	•	1-8
9 Thro	սցի }	[PADD1H0			
16	3 J			•	•

Pago 12

ord	Char.	Characteristic	Universo	Description	
16	4-5	Hom 10A - LINE NUMBER	V11	00	-39
	6	Item 18D - RELATIONSHIP TO IMAD 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	1, 5 6
17	1-2	1 tem 10p - AGE	Child ' (0-13 Years)	00	-13
	3 .	PADDING			
		Item 18J - RACE (Recode)	A11	White Black Other	. 1 2 3
	5	Item 18G - SEX	VII	Male Female	1 2
	6	PADDING	•	•	
18	1-3	PADDING			
	4	Program Signal	A11	1 Child in Household	1
	5	Blank '		2 or more children in / household	2
	6	Item 18B - Relationship to Head of household-expanded - (Edited using Head's and child's Relationship to Reference Person)	Child (0-13 years old)	Own Child Brother/Sister Other relative Non-relative - own relatives in household Non-relatives-no own relatives in household	1 2 3 4 5

Page 13

Kord	Character	Character1st1.cs	Unlvorso	Doscription	
19	1-2	PADDING	• .	·	
:	3	FLA(#	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	2 (Plugged)
	·	•		on interview records.)	:
 	11-6	Document Count (Within Work Unit)	A11 .	•	ģģ1-999
20	1-3	Hork Unit Number (From Dreaker Sheet)	A11 ·	If Droakor was mlssing	001 or 441-99 9XX Assigned
· ·:.	4-5	Honth	A11.		01-12
	6	Your - Last Digit	VII .	·	0-9
21 & 22	ALL	Final Wolght	A11	Two Understood Docimal Place (Right justified, space fi	
2]	1-6	PADDINO		•	

Page 14

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6	PADDING			
	4-6	JRCERR	A11	No. of errors charged to Enumerator	000-999
25	1-3	· CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified <u>1</u> /	000 000 001–252
,	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified <u>1</u> /	00 00 01–12
	6	Individual Central City Code (Beginning October 1985)	A11	Not identifiable Identified 1/	0 1–4
26	1	Metropolitan Status Code	A11	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	8 lank		•	
	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	0 2 3 4 5 6 7

Page 15

Word	Char.	Characteristic	· Universe	Description	
26	5	Item 181 - ETHNICITY (Recode)	A11	Mexican American Chicano Mexican (Mexicano) Puerto Rican Cuban Cuban Central or South American Other Spanish All other Do Not Know	1 2 3 4 5 6 7 8 9
	6	PADDING			
27	12	DAIDDING			
27	3	BLANK			
	⁴)	PADDING			
	6	BLANK	•		
28 Thro 58	ough }	PADD1NG		•.	

Word	Char.	Characteristic	16.1	**************************************		rage 10	
-		ond accertance	Universe	* ***********************************	Description		
			Unedited Davic CPS Tran	scription Item	<u>s</u> <u>1</u> /		
59,	1	Item 27	Tenuro (Unedited)	ViI	Owned or being Rented	bought	6
		•	•		No cash rent No entry		0 Diam
59	2	Item 28	Total Family Inco (Unedited)	ome All	Under \$5,000 \$:5,000 - 7,499 \$ 7,500 - 9,999 \$10,000 -12,499 \$12,500 -14,999	0 1 2 3 4	
·	• • • • • •	1		1	\$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	5 6 7 8 9 A	, •
			}	ì	\$50,000 -74,999 \$75,000 and Over No Entry	B C D Dlank	
	3	Item 29A - Telep household (trans card 1tem 30a)	ohone in . scribe from control Unedited 2/	A11	Blank Yes No	- 1 2	
	· 4	Item 29B - Teler (transcribe from item 30b)		I-29a= No	Blank Yes No	1 2	
	5 -	Item 29C - Telep acceptable (Tran card item 30d)		I-29a= Yes or	Blank Yes No	- 1 2	
64 thr	ru ⁶ 6)	PADDING		I-29b= Yes	•		•

^{1/} Note Items 27-29Care included on each person's record.

July and November only. Padding all other months.

ATTAC	ment E	(Interview Children)			PAGE 17
HORU	CHAR.	CHAPACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	All	Line Humber	01-39
	3	Item 160 - RELATIONSHIP TO REFERENCE PERSON	Å11	·	
				Om child Drother/Sister	5 7
	,			Other relative of reference	6
				Hon-relative of reference person - with own relatives in household	9
				Hon-relative of reference person - no own relatives	
				in household	A
	4-5	Item 18C - PARENT'S LINE NAMBER	A11	Mone Parent's line number	00 01-39
	6	PADDING			
66	1-2	Item 100 - AGE	A11	AGE in Yearm	00-13
	3-5	PAUDING			
	6	Item 10G - SEX	A11	Male Female	1 2 "
67	1-4	PADDING .	•		-
·	5	Item 18J - RACE	All	Milte Dinck	1 2
				Other	ì
	6	PADDING		·	

17740	mient E	(Interview Children)			PAGE 18
KORD	CHAR.	-CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
58	1-2	PADDING .			
			•	•	
	3-4	FAMILY RUNDER	ALL	Not a Family Nember Primary Family Nemb er Only Subtamily Nember	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 RELATIONISHIP	ALL	Hot a Family Hember Reference Person Spouse Child Other Relative(Primary Family only)	0 1 2 3 4
9	1-4	PADDING			
	5	LINE HUNDER ALLOCATION FLAG	ALL	No Change Binnk to Value Old Value to New Value	0 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	flo Change Blank to Value Old Value to Hew Value	0 1 2
)	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0
	2	AGE ALLOCATION FLAG	ALL	flo Change Blank to Value Old Value to New Value	0 1 2
	3-4	PADD114G		•	
	5	SEX ALLOCATION FLAG	ALL .	No Change Binnk to Value Old Value to New Value	0 1 2
	6	PAUDING	ě		
	1-2	PADDINO			

		RECORD LATUUL (Effective 07/85)	_	•	. •
		(Interview Children)		DATE 070165	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 .			
thr 2	5 U 2	Total Neekly Family Earnings (for members 16+)	HIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
	3	PADDING	All	,	
	4	AGE OF PRIMARY FAHILY HOUSEHOLDER	ALL	Not a Family Hember < 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	Hot in Primary Family Number Individuals with ND 104:5=1,3	00 01-39
3	1	PRIMARY FAHILY EARNERS WAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed - Some Employed - No Made and Salary Morkers Hith Hage and Salary Morkers Husband, Wife or Reference Person Self-Employed With Made and Salary Morkers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Empl With Made and Salary Morkers Only	•
	2	USVAL FULL-TIHE/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	HIS=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 Hale Employed Earner Self Employed Without Pav 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 Nithout Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Hot in Primary Family Ho Earners 1-8 Earners 9+ Earners	0 0 1-8

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

HITENT E	DATE 070185	PAGE 2		
CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed	0 0 1-8
1	HOUSEHOLD TYPE	ALL	Husband/Hife Primary Family - (Neither Husband or Hife in Armed Forces)	1
			(Husband and/or Hife in Armed Forces)	2
			Unmarried Civilian Male Primary Family Householder	3
			Family Householder	4 5
			and Ummarried	
			Civilian Female Primary Individual	7
	·		Reference Person in Armed Forces Group Quarters	9
2	NUMBER OF OWN CHILDREN LESS THAN 16 IN PRIMARY FAMILY	ALL	Hot in Primary Family	0
			1 Child 2 Children	ž 3
	•		3 Children 4 Children	4 5
				6 7
			7 Children 8+ Children	8
3	PRESENCE OF OWN CHILDREN LESS THAN 16	ALL	Not in Primary Family No Children < 18 Years Old	0
			All Children 14-17 Years Old	2 3
			All Children 0-5 Years Old Children 14-17 and 6-13	5 .
			(No Children 0-5) Children 14-17 and 0-5	6
			Children 6-13 and 0-5	7
			(No Children 14-17) Children from all Age Groups	8
4	PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband	• 1
			Hite	į
		•	Other Relative Other Relative Unmarried Reference Person	4
	CIIAR. 6 1	CHARACTERISTIC 6 MANBER OF UNEMPLOYED IN PRIMARY FAMILY 1 HOUSEHOLD TYPE 2 NUMBER OF OWN CHILDREN LESS THAN 16 IN PRIMARY FAMILY 3 PRESENCE OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	CHAR. CHARACTERISTIC UNIVERSE 6 MARBER OF UNEMPLOYED IN PRIMARY FAMILY 1 HOUSEHOLD TYPE ALL 2 NUMBER OF OWN CHILDREN LESS THAN 16 ALL IN PRIMARY FAMILY 3 PRESENCE OF OWN CHILDREN LESS THAN 16 ALL IN PRIMARY FAMILY	CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC CHARACTERISTIC ALL CHARACTERISTIC CHAR

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

TTAC	ment E	(Intervieu Children)		DATE 070185	PAGE 21
ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
/4	5	Number of Earners in Primary Family 16+	A11	Not in Primary Family No earners 1-8 earners 9+ earners	0 0 1-8
	6	Number of Unemployed in Primary Family 16+	A11	Not in Primary Family No unemployed 1-8 unemployed 9+ unemployed	0 0 1-8
	1-6 d 1-6	FAMILY WEIGHT	ALL	Two Implied Decimal Places, Right Justified ,Space Filled (01))
7	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			
8 9 ^{an}	1-6 1-6	FAMILY EARNINGS HEIGHT	MIS=4,8	Two Implied Decimal Places, Right Jusified, Space Filled (01)	
0	1	PRIMARY FAMILY EARNERS MAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed - No Made and Salary Morkers Mith Mage and Salary Morkers Husband, Wife or Reference Person Self-Employed Hith Made and Salary Morkers Husband, Wife or Reference Person Not Self-Employed; Other Household Hember Self-Emplo Hith Made and Salary Morkers	0 1 2 3 4
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	HIS=4,8	Hot 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 5
•	3-6	TOTAL MEEKLY FAMILY EARNINGS	MIS=4,8	Not in Primary Family Usual Heekly family Earnings	Blank 0000-9999

Attachment 8

CURRENT POPULATION SURVEY NONINTERVIEW TYPE A RECORD LAYOUT

FOR STANDARD TAPE COPIES

achment (BEGINNING

JULY 1985)

Page 1

Attac	lment
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					.
Word	Char.	Characteristic	Universe	Description	
1	1	Record Type	A11	Noninterview Type A	2
	5	Month in Sample (Recoded from Month and Rotation)	A11		1-8
	3	Blank		•	
	4-6	Name ahalil 10 Nomban	All		
2	1-6	Household ID Number	XII		
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.)	A11	New England Middle Atlantic	$\binom{1}{2}$ Region 1
		•		East North Central West North Central South Atlantic	$\frac{3}{4}$) Region 2
				East South Central West South Central	5 6 7 Region 3
				Mountain Pacific	8) Region 4

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State	Λ11	New England Division	
		Code is Division Code)		Maine	11
	•	(From M.S.T.)		Hew Hampshire	12
			•	Vermont	13
				Massachusetts	14
		•		Rhode Island	15
				Connecticut	16
		•		Middle Atlantic Division	
				llew York	21
•				New Jersey	22
				Pennsyl vania	23
		·		East North Central Division	
				Ohto	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	33 34 35
-		·		West North Central Division	
			·	Minnesota	41
				Iowa	42
				Missouri	43
			•	North Dakota	44
				South Dakota	45
				Nebraska	46
			•	Kansas	47

	Char.	Characteristic	Universe	Description	
3	5- 6	State (1st digit of State	A11	South Atlantic Division	
		Code is Division Code)	•	Delaware	51
		(From H.S.T.) (Con't)		Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
		•		North Carolina	56
			•	South Carolina	57
				Georgia	58
				Florida	59
				East South Central Division	
				Kentucky	61
				Tennessee '	62
	•		,	Λlabama	63
				Mississippi	64
				West South Central Division	
				Arkansas	71
	•	•		Louisiana	72
		•		Oklahoma	73
			·	Texas	74
		•		Mountain Division	
			•	Montana	81
				Idaho	82
				Wyoming	83
				Colorado	
				New Mexico	84 . 85
				Arizona	86
					87
	•	•		Utah Nevada	88

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	A11	Pacific Division Washington Oregon California Alaska Ilawaii	91 92 93 94 95
4	1-2	State Rankings (From M.S.T.)	A11	California New York Pennsylvania Texas Illinois Ohio	1970 Ranking 01 02 03 04 05 06
				Michigan New Jersey Florida Massachusetts Indiana North Carolina Missouri Virginia	07 08 09 10 11 12 13
		•		Georgia Wisconsin Tennessee Maryland Minnesota Louisiana Alabama Washington Kentucky Connecticut	15 16 17 18 19 20 21 22 23 24 25 26

Hord	Char,	Characteristic	Universe	Description	
4	1-2	State Rankings (Con!t) (From M.S.T.)	A11	Oklahoma Kansas	27 20
		,		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
		•		llawa i i	40
				District of Columbia	41
		•	•	New Hampshire	42
				I daho .	43
				Montana	44
		•		South Dakota	45
				North Dakota	46
			•	De laware	47
			•	Nevada	48
			•	Vermont	49
				Wyoming	50
				Alaska	51
4	3-4	PADDING			٠.

The next page is 7

There is no page 6

Word Char.	Characteristic	Universe	Description

	. 5	Ttem 1 - INTERVIEWER CHECK ITEM	A11	Blank or Impossible Only CPS-1 for household First CPS-1 of cont.	1
				household Second CPS-1 of cont.	2
				household	3
				Third, fourth, etc. CPS-1	4
	6	Blank			
5	1-3	Blank .	·		•
	4-6	Item 10 - INTERVIEWER CODE	A11	Blank or Impossible in any digit	-NA, or App-M99 (Excluding I)
6	1	1tem 12 - LINE NO. H'HLD RESP.	* A11	Blank or Impossible	1-6
		.1		Non H'hld Resp.	7
•	2	Item 13 - TYPE INTERVIEW	A11	Noninterview	1

Word	Char.	Characteristic	Universe	Description	
6	3-4	Item 11 - DATE COMPLETED	ΑΪΊ		or 10-29
	⁵ }	PADDING		•	
7	1	Item 14 - RACE OF HEAD	All	White Black Other	1 2 3
	2	Item 14 - REASON	Λ11	No one home Temporarily absent Refused Other - Occ.	1 2 3 4
	3-5	PADDING			
	6	Blank		,	
8		Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new infeb. 76) Recode reflects "old" Farm Definition. (Starting new farm	All April 1984, reflects	Nonfarm Farm	1 2, 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	definitions) All	Housing Unit House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above	01 02 03 04 05 06

Hord	Char.	Characteristic	Universe	Description	
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	A11	Other Unit	07
	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm Farm	1 2, 3
	5	Blank			
	6	Item 9 - HOUSEHOLD NUMBER (Unedited) ♥	All	Blank 1-8	1-8
9	1)				
thro	ugh $ angle$	PADDING			
19	2	•			
	3	Household Indicator	All		1
8.	4-6	Document Count (Within Work Unit)	All.		pp1-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	OC If Breaker was missing	01 or441-999 9XX Assigned

Word	Char.	Characteristic	Universe	Description	
20	4-5	Month .	· A11		01-12
	6	Year - Last Digit .	. A11	•	0-9
2 i	1-6	F111 ·	A11	(Binary Ol)	
22	1-5	• • • • • • • • • • • • • • • • • • • •	***	(Billary Ol)	
	6	Final Weight	' A11	"Reg ular Type A" Sub Samp le	1 2-4

Page 11

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6	PADDING			
	4-6	JRCERR	n11	No. of errors charged to Enumerator	000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified <u>1</u> /	000 000 001–252
	45	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified <u>1</u> /	00 00 01-12
	.	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			
		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

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

26	5-6	PADDING		
27	1-3	Blank	a.	
	4	RACE (Recode)	V11 ·	White . Other
	5-6	Blank	•	
28 thre 52	ough 6	Blank ,		

Word	Char.	Characteristic	Universe	Description	
		·	BASIC CPS ALLOCATION FLAGS		
53	1 2 3	Item 5a 4 5b	A11 ,	Not Allocated Allocated	0 1
53 Thru 58	5	9 Padding .	·		
5 8	6	Geographic Identificatio			
59 Thru 80	$\left\{\begin{array}{c} 1\\ 6 \end{array}\right\}$	Padding		V	V

Attachment 9

CURRENT POPULATION SURVEY

NONINTERVIEW TYPE B-C RECORD LAYOUT

FOR STANDARD TAPE COPIES

(Beginning July 1985)

Attachment		(Beg	inning July 1985		Page 1
Word	Char.	Characteristic	Universe	Description	
1	1	Record Type	A11	Noninterview Type B or C	3
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
2	4-6 1-6	Household ID Number	ΛΊ		
3	1-3				
	4	Region (From M.S.T.)	A11 .	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 Region 1 3 Region 2 5 Region 3 7 Region 4

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code)	A11	New England Division Maine	11
		(From M.S.T.)		New Hampshire	iż
		(1100 14.3.1.)		Vermont	13
		•		Massachusetts	14
			1	Rhode Island	15
				Connecticut	16
	٠	•	•	Middle Atlantic Division	
			•	New York	21
•				New Jersey	22
				Penns yl vania	23
				East North Central Division	
		•		Ohio	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	35
				West North Central Division	
				Minnesota	41
				lowa	42
				Missouri	43
				North Dakota	44
				South Dakota	45
				Nebraska	46
٠				Kansas	47

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State	A11	South Atlantic Division	
	•	Code is Division Code)		Delaware	51
		(From H.S.T.) (Con't)	•	Maryland	52
•		to am and the total and the to		District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
			•	Florida	59
			East South Central Division		
				Kentucky	61
				Tennessee	62
				Λlabama	63
				Hississippi	64
				West South Central Division	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				Mountain Division	
				Hontana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	86 87
				Nevada	88

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	Λ11	Pacific Division Washington Oregon California Alaska	91 92 93 94 95
4	1-2	State Rankings (From M.S.T.)	All	California New York Pennsylvania Texas Illinois Ohio Michigan New Jersey Florida Massachusetts Indiana Morth Carolina Missouri Virginia Georgia Wisconsin Tennessee Maryland Minnesota	1970 Ranking 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
				Louisiana Alabama Washington Kentucky	20 21 22 23
	·		•	Connecticut Iowa South Carolina	23 24 25 26

Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (Con't) (From M.S.T.)	A11	Ok 1 ahoma	27
		(From M.S.I.)		Kansas	28
				Mississippi	29
				Colorado	30
				Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				llew Mextco	37
				Maine	38
				Rhode Island	39
				Ilawa 1 1	40
				District of Columbia	41
				New Hampshire	42
		•.		Idaho	43
				Montana	44
		:		South Dakota	45
			į.	North Dakota	46
				Delaware	47
				Nevada	48
				Vermon t	49
				Wyoming	50
			•	Λlaska	50 51
4	3-4	PADDING			

The next page is 7

Char.	Characteristic	Universe	Description	
	Char.	Char. Characteristic		

	5	Item 1 - INTERVIEWER CHECK ITEM	A11	Blank or Impossible Only CPS-1 for household First CPS-1 of cont. household	ī 2
				Second CPS-1 of cont. household Third, fourth, etc. CPS-1	3
	6	Blank			
5	1-3	Blank			
·	4-6	<u>Item 10</u> - INTERVIEWER CODE	A11 ·	Blank or Impossible in any digit	-NA, or AØØ-M99 (Excluding I)
6	1	1tem 12 - LINE NO. H'HLD RESP.	A11	Blank or Impossible	1-6
	•			Non H'hld Resp.	7
	2	1tem 13 - TYPE INTERVIEW	Λ11	Noninterview	1

Word	Char.	Characteristic	Universe	Description	
6	3-4	Item 11 - DATE COMPLETED	A11	Day of Month	or 10-29
	$\begin{pmatrix} & 5 \\ & 6 \end{pmatrix}$	PADDING			νρ 23
7	1-2	Item 15 - TYPE B OR C (Recode)	A11	Type B Vacant - regular Vacant - storage of h'hld	01
				furniture Temp. occ. by persons with	02
	-			URE	03
		•		Unfit or to be demolished	04
				Under construction, not ready Converted to temp. business	05
			•	or storage Occ. by AF members or persons	06
		•		under 14 Unoccupied tent site or	07
				trailer site	08
			•	Permit granted, construction	30
				not started	09
				Other	10
				Type C	
				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

Word	Char.	Characteristic	Universe	Description	
7	3-5 6	PADDING Blank	ı		
8	. 1	Land Usage (Recode) (Edite 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.	om .	Nonfarm Farm lects	1 2, 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	A11	Housing Unit House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Hobile 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)	A11	Other Unit	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.)	A11	Nonfarm Farm	1 2, 3
	5	Blank			
	6	<u>Item 9</u> - HOUSEHOLD NUMBER (Unedited)	· A11	B1ank 1-8	<u>-</u> 1-8
9 throu 19	1 1gh 2	PADDING			
	3	Household Indicator	ATT		1
	4-6	Document Count (Within Work Unit)	ЛП		ØØ1-999
20	1-3	Work Unit Number (From Breaker Sheet)	A11		or⊿∆1-999 9XX Assigned

Attachment c

Word	Char.	Characteristic	Universe	Description	
20	4-5	Month	Λ11		01-12
	6	Year - Last Digit	A11		0-9
21 22	1-6	` F111	Λ1j	(Binary Ol)	
2.6	6	Final Weight	All	"Regular Type A" Sub Sample	1 2-4

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6	PADDING			
	4-6	JRCERR •	UII	No. of errors charged to Enumerator	000-999
25	1-3	CMSA/MSA Rank Code (Beginning October 1985)	All	Not identifiable Nonmetropolitan Identified <u>1</u> /	000 000 001-252
	4-5	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified <u>1</u> /	00 00 01-12
	6	Individual Central City Code (Beginning October 1985)	A11	Not identifiable Identified <u>1</u> /	0 1-4
26	1	Metropolitan Status Code	^11	Metropolitan Nonmetropolitan Not identifiable	1 2 3
	2	Central City Status Code (Beginning October 1985)	A11	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

Word Char.		Characteristic	Universe	Description	
				•	
27	r c	nann:140			
26	5-6	PADDING			
27	1-3	Blank			
	4	RACE (Recode)	A11	White	1
				Other	2
	5-6	Blank	•		
28	1)				
thro	ough }	Blank			
52	6				
	.)			·	

Word	Char.	Characteristic	Universe	Description	
			BASIC CPS ALLOCATION FLAG	3	
53	1	Item 5a	A11	Not Allocated Allocated	0 1
	2	4	•	1	1
	3	5b			i
	4.	_. 9		ļ	•
53 Thru 58	5 }	PADDING	•		
58	6	Geographic Identification	on V	\downarrow	
59 Thru 80	$\binom{1}{6}$	PADDING			•

•			

Attachment 10

CURRENT POPULATION SURVEY

ARMED FORCE'S INTERVIEW RECORD LAYOUT

(BEGINNING JULY 1985)

FOR STANDARD TAPE COPIES

Page 1			•	ent.	_ <u>Attachm</u>
scription	Descripti	Universe	Characteristic	Char.	Word
4	Interview	Λ11	Record type	1	1
1-0		A11	Month in Sample (Recoded from Month and Rotation)	2	
			Blank	3	
		A11	•	1-6	
₩ +	• •))	Household ID Number	1-6	2
				1-3	3
1 2 3	Northeast North Central South Vest	Λ11	Region (From M.S.T.)	4	
	North Central	1	•	1-6	·.

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

Page 2

Word	Char.	Characteristic	Universe	Description	
3	5	Division (From M.S.T.)	A11	New England Hiddle Atlantic East North Central West North Central South Atlantic East South Central West South Central Mountain Pacific	1 Region 3 Region 5 Region 7 Region 9 Region
٠.	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	VII	New England Division Maine New Hampshire Vermont Massachusetts Mode Island Connecticut	11 12 ** 13 14 15
			•	Middle Atlantic Division New York New Jersey Pennsylvania	21 22 23

Ingo 3

lord	Char.	Characteristic	Universo	Description		
ora	5-6	State (1st digit of State	A11	n t t it guturi birlalar		
	, •	Code is Division Code)	•	Engl Horth Control Division	2+	
		(From H.S.T.) (Con't)		Ohto	31	
				Indiana	32	
		* *	•	1111nois	33	
				. Hichigan	34	
		•		Historia	35	
				Hest North Central Division		
				Mnnesola	41	
				1ona	1,2	
				Musourl	43	
				North Dekota	1,1,	
			•	South Pakota	45	
			ય	llebroska	46	
)	Konooo	47	
		•	•	South Atlantic Division		
				Dolawaro	51	
				Maryland	52	
		,		District of Columbia	53	
				Virginia	54	
		•		West Virginia	55	
			•	Horth Carolina	56	
			•	South Carolina	55 56 57 50	
				Georgia	58	
				Florida	59	
				Enst South Central Division	•	
				Kentucky	61	•
				Tennosseo	62	
				A) ahama	63	
				Kissisaippi Kissisaippi	64	

Page 4

Hord	Char.	Characteristic	lhilverse	Description		
3	5-6	State (1st digit of State	A11	Nept South Central Divis	<u>101</u>	
,	, -	Code in Division Code)		Arkonoos	71	
		(Fran H.S.T.) (Con't)		Izulslona	72	
		•		Oklationa	73	
				Texas	74	
			•	<u> Hountain Division</u>		
				Hontona	61	
				Idoho	82	
				Wyoming	83	•
				Colorado	67	
				Hew Hexico	ชร์	
				Arizona	06	
				Utalı	07	
				Hovnda	no	\$44
			1	Pacific Division	•	
			•	Washington	91	
				Oregon	92	
				California	93	
				Alaska	9/4	
				ilaw a11	95	

Word	Char.	Characteristic	Universe	Description
Word 4	Char.	Characteristic State Nankings (From M.S.T.)	Universe A11	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

Ingn 6

lord	Chor.	Characteristic	Virlyeran	Description	
)	1-2	State Rankings (Con't)	A11.	1980) Ranking
		(From H.3.T.)		Mississippi (MS)	31
		•	•	Kansas (KS)	32
		:		Arkansas (AR)	33
		•	:	West Virginia (WV)	34
			i .	Nebraska (NE)	35
				Utah (UT)	36
		•		New Mexico (NM)	37
			!	Maine (ME)	38
		• ,	į	Hawaii (HI)	39
				Rhode Island (RI)	40
			•	Idaho (ID)	41
				New Hampshire (NH)	42
	•		•	Nevada (NV)	43
		•	•	Montana (MT)	44
			i	South: Dakota (SD)	45
	•			North Dakota (ND)	46
		· .	7	Dist. of Columbia (DC)	47
	•		\	Delaware (DE)	48
			· ·	Vermont (VT)	49
			*	Wyoming	50
		:	· · · · · · · · · · · · · · · · · · ·	Alaska	51

The next page is Page 8

Word	Char.	Characteristic	•	Unfactae				Description		
1,	7-4	PADDING	•,	•	•	•	•			
•	· .	•								
								•		
		•								
					:		;			
							•	, ·		
		•			. •					
			•	*		•				
·, 1		•		1						
	5	<u> Item 1</u> – Incenview ICEM	ier Check	A11			Only CI'S-	Impossible l for household -1 of cont.	- 1	
			·				househol	d	2	•
					•		Lousehol	5-1 of cont. d urth, etc. CP5-1	3 14	٠
	6	Blank								

Page 9

Hord '	Char.	Characteristic	Universe	Description	
5	1-3	Blank			·
	<i>1</i> ₁ 6	1tem 10 - INTERVIEWER CODE	· /11	Blank or Imposaible in any digit	-NA, or AØD-1799 (Excluding I)
6	1	Item 12 - LINE NO. WHID NESP.	111	Dlank or Impossible	-
				Non II'hld Resp.	ī-6 .
	2	<u>Item 13</u> - TYPE INTERVIEW	A11 ,	Dlank Fersonal Tel Regular Tel Callback ICR Filled	- 2 3 4 5
	3-1,	Item 11 - DATE COMPLETED	V11	Day of Month	or 1\$-29
	5-6	PADD1NG			÷
7	1-5	PADDING	,		
	G	BLANK			

Poge 10

lord	Char.	Characteristic	Universe	Description	
	1	BLANK	u		
				•	
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	/11	Housing Unit House, apt., flat HU in nontransient hotel,	01
				etc. IIU, permanent, in trans.	02
				hotel, motel, etc.	03
			•	IIU in rooming house	01, *
			1	Mobile home or Trailer NV not specified above	05 06
				Other Unit	00
				Qtrs. not IIV in rooming or	
		•		boarding house	07
				Unit not permanent in trans	
				liotel, motel, etc.	08
•				Tent or trailer site	09
				Other not IIV	10
	J.	'New' Farm Definition (Recode)	A11.	Nonfarm	1
	•	Effective February 1976. (Edited using Urban/Bural Code from M.S.T. and CFS-1 Document Items 5a. and 5b.)		Farm	1 2, 3

Word	Char.	Characteristic	Unlyerse	Description	
8	5	B1ank	•		
	6	1tem 9 - HOUSEHOLD NUMBER	A11	•	1-8
9	1]				,
Thro 18	ough 6	PADDING		• • •	

Pogo 12

ord	Character	Charactoristics	Unlverso		Description	
.9	1-3	PADDING				
	<i>I</i> ₁ -6	Document Count (Within Work Unit)	VII		· · ·	ણં રા−9 99
O	1-3	Work Unit Number (From Dreakor Sheet)	V11		If Breaker was mlssing	001 or <u>0</u> 01
	1-5	Honth	^11			01-12
	6	Year - Last Digit	Λ1.1	•	•	0-9
21 & 22	V11	Final Wolght	V11	<u>)</u>	Two Understood Decimal Place (Right justified, space fi	
:3	1-6	PADDING	•			

Word	Char.	Characteristic	Universe	Description	
23 and 24	1-6	PADDING	•.		
	46	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 <u>1</u> /	000 000 001–252
	45	PMSA Rank Code (Beginning October 1985)	All	Not identifiable Not in a PMSA Identified <u>1</u> /	00 00 01–12
	6	Individual Central City Code (Beginning October 1985)	A11	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	8 lank			•
		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

Hord	Char.	Characteristic	Uni verse	Description	
26	5	Item 181 - ETHNICITY (Recode)	A11	Mexican American Chicano Mexican (Mexicano) Puerto Rican Cuban Cuban Central or South American Other Spanish All other Do Not Know	1 2 3 4 5 6 7 8 9
	6	PADDING	•		***
27	12	PADDING)		
27	3	BLANK			
	5	PADDING			
	6	DLANK			
8	1)	,		•	
<u>Thro</u> u 4	gh ·}	PADDING			

TTACI	HIEHT D	(Armed Forces)			PAGE 15
(ORI)	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	A11	Line Number	01-39
	3	11em 188 - RELATIONSHIP TO REFERENCE PERSON	Å11	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Hite Own child Parent Brother/Sister Other relative of reference person with own relatives in household Hon-relative of reference person - with own relatives in household Hon-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 8
	4-5	Item 18C - PARENT'S LINE NUMBER	A11	None Parent's line number	00 01-39
	6	PADDING		·	
66	1-2	Item 18D - AGE	All	Ade in Years	14-901/
	3	Item 10E - HARITAL STATUS	· A11	Harried-civilian spouse present Harried-Armed Forces spouse present Harried-spouse obsent (Exclude separated) Hidowed Divorced Separated Hever married	1 2 3 4 5 6 7
	4-5	Item 10F - SPOUSE'S LINE HANDER	A11	lione Spouse's line number	00 01-39
	6	Item 18G - SEX	A11	Male Female	1 2

 $1/\!\!\!\!$ Age topcoded at 90 years

ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUED
		***************************************	WIIT 1 FU DE		VALUES
7	1	PADDING .			
	2-3	Item 18H - HIGHEST GRADE (of school)	· A11	Hone ·	00
		ATTENDED	;	El	01
		ATTEMEN	•	E2 E3	02 03
				E4	ŎÃ
				E5	05
				E6 E7	06 07
				ξό .	őő
				!!1	09
				112 113	10 · 11
					-12
				<u>C1</u>	13
				C2 C3	14 15
		•		C4	16
				C5 C6+	17
					18
	4	Item 101 - GRADE COMPLETED	A11	Yea	1
		No set on my my to set my		, No	2
	5	Item 10J - RACE	A11	insi te	1
				Black	Ē.
				Other	3
	6	PADDING	1		
_	1-2	50 A 50 50 50 50 50 50 50		•	
8	1-6	PADDING	•		
	3-4	FAMILY NUMBER	ALL	Not a Family Member	00
		•		Hot a Family Hember Primary Family Hember Only	00 01
				Subfamily Hember	02-39
	5	FAHILY TYPE	ALL	Primary Family Primary Individual	1 2
				Primary Individual Related Subfamily	2
				Unrelated Subfamily	4
		•		Secondary Individual	5
	6	FAHILY RELATIONSHIP	ALL	Hot a Family Hember	n
	•	TOTAL NEEDIAMOIA	ALL	Reference Person	ĭ
				Spouse Child	Ž
				F L 4 1 AJ	-

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

MILAL	INTERT D	(Armed Forces)		DATE 070185	PAGE _ 17
HORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
7	1 -4	PADD ING .		•	
	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
)	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	HARITAL STATUS ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	٠ .	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	•		
•	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 .			
thr	5 u 2	Total Heekly Family Earnings (for members 16+)	HIS=4,8	Not in Primary Family Usual weekly family earnings	blank 0000-9999
2	3	PADDING	A11		

ATTAC	INICHT D	(Armed Forces)		DATE 070185	PAGE 18
IORU	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
2	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	tlot in Primary Family Number Individuals with HD 104:5=1,3	00 01-39
5	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	No One Employed Some Employed - No Hage and Salary Horkers Hith Hage and Salary Horkers Husband, Wife or Reference Person Self-Employed Hith Hage and Salary Horkers Husband, Wife or Reference Person Not Self-Employed; Other Household Hember Self-Employed; With Hage and Salary Horkers Other Household Hember Self-Employed;	4
	2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	HIS=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
		LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRINARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pav Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
	4	LABOR FORCE AND EARNER STATUS (FEHALE) OF WIFE OF PRIHARY FAHILY OR FEHALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Hithout Pav Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5
	5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-8 Earners 9+ Earners	0 0 1-8

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

TACIIIE	EHT D (Armed Forces)		DATE 070185	PAGE . 19
ORD CH	IAR.	CHARACTER19TIC	UNIVERSE	DESCRIPTION	VALUES
5 6	•	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed	0 0 1-8 9
1		HOUSEHOLD TYPE	ALL .	Husband/Hife Primary Family - (Neither Husband or Hife in Armed Forces) Husband/Hife Primary Family - (Husband and/or Hife in Armed Forces) Unmarried Civilian Hale Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Hale Primary Individual Civilian Female Primary Individual Primary Individual Primary Individual Primary Individual Primary Individual Frimary Individual Primary Individual	1 2 3 4 5
. 2		NUMBER OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	ALL	No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 7 Children	0 1 2 3 5 6 7 6 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 Hife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

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

TACI	HILLIT D	(Armed Forces)		DATE 070165	PAGE 20
ORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
4	` 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
and	1-6 1-6	FAHILY HEIGHT	ALL	Two Implied Decimal Places, Right Justified ,Space Filled (01)	
	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			
and	1-6 1 1-6	FAMILY EARNINGS MEIGHT	HIS=4,8	Two Implied Decimal Places, Right Jusified, Space Filled (01)	
)	1	PRIMARY FAMILY EARNERS HAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Hage and Salary Morkers	0 1 2
				Hith Hage and Salary Horkers Husband, Hife or Reference Person Self-Employed Hith Hage and Salary Horkers Husband, Hife or Reference Person Hot Self-Employed; Other Household Hember Self-Employ Hith Hage and Salary Horkers Only	3 4 /ed
	2 .	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS (16+)	HIS=4,8	Hot 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 HEEKLY FAMILY EARNINGS	HIS=4,8	Not in Primary Family Usual Neekly Family Earnings	Blank 0000-9999

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Attachment 11

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

word	Char,	Item	Characteristic	Universe	Description	Values
91 .	1		Padding			
	2		Padding			
	3		Padding			
			EDITED IMMUNIZATION SUPP	LEMENT DATA		
	4	30	Have Diabetes?	Adults 14+	Vo.a	
				MULLS 147	Yes	1
			•		No D	2
					Dan't Know	3
					NA	9
	5	31	Have Chronic Kidney Disease?	Adulta 144	••	
	•	••	have on onic kinney biseaser	Adults 14+	Yes	1
					No	2
					Don't Know	3
					NA	9
	6	32	Have AsthmaBronchitis?	Adults 14+	V	
		- 	The transmitted of the transmitt	MULLS 147	Yes No	1
		•				2
				•	Don't Know	3
					NA	9
2	1	33	Have Chronic Heart Condition?	Adults 14+	Yes	1
				,	No	2
					Don't Know	3
					NA C KIRW	9
	*				WA	,
	2	34	Had Influenza Vaccine?		Yes	1
			Sept. 1, 1984-Aug. 31, 1985	A11	No .	Ž
					Don't Know	3
					NA	9
	3	35	Had Preumonia Vaccine?	A11	Yes	1
					No	2
					Don't Know	3
		_	•		NA	9
	4	36	Had Pneumonia Vaccine	All With Yes	Yes	1
			Sept. 1, 1984—Aug. 31, 1985	in Item 35	No	2
					Don't Know	3
					NA KNOW	9

Word	Char.	Item	Characteristic	Universe	Description	Values
2	5	37	Had Polio Vaccine by Mouth	Adults 14-19	Yes	1
			, , , , , , , , , , , , , , , , , , , ,	& Children	No	2
				# O/12 4/1		3
					Don't Know NA	
					MH	9
	6	38	How many times Polio Vaccine	Adults 14-19 and	One Time	1
			by mouth?	Children With Yes	Two Times	2
	•			in Item 37	Three Times	3
					Four+ Times	4
					Don't Know	5
				•	NA	9
3	1	39	How many times Polio Vaccine	Adults 14-19 and	None	1
			by mouth in past 12 months?	Children With Yes	One Time	2
				in Item 37	Two Times	3
					Three Times	Ă
					Four + times	5
					Don't Know	6
					NA NA	
					#H	9
3	2	40	Had DTP Shots?	Adults 14-19	Yes	1
				and Children	No	2
					Don't Know	3
					NA	9
	3	41	How many DTP Shots?	Adults 14-19 and	One	1
			• • • • • • • • • • • • • • • • • • • •	Children With Yes	Two	2
				in Item 40	Three	3
					Four	, A
					Five +	Ř
					Don't Know	. K
					NA	9
					1877	y
	4	42	Had Red Measles in	Adults 14-19	Yes	1
			Past 12 Months?	and Children	No	2
					Don't Know	3
					NA ·	9

Word	Char,	Item	Characteristic	Universe	Description	Values
83	5	43	Had Red Measles Shots?	Adults 14-19	Yes	1
	_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and Children	No	ž
					Don't Know	3
					NA RAIDE	9
						•
	6	44	Had Red Measles Shots	Adults 14-19 and	Yes	1
			in Past 12 Months?	Children With Yes	No	ž
	•			in Item 43	Don't Know	3
					NA	9
						•
94	1	45	Had Three-day Measles	Adults 14-19	Yes	1
			in Past 12 Months?	and Children	No	Ž
					Don't Know	3
					NA	9
	2	46	Had Three-day Measles	Adults 14-19	Yes	1
			Shots?	and Children	No	2
					Don't Know	3
				i	WA	9
4	3	47	Had Three-day Measles	Adults 14-19 and	Yes	1
•	-	••	Shots in Past 12 Months?	Children With Yes	No	ž
			011000 211 1 400 22 1 101101101	in Item 46	Don't Know	3
					MA	9
					, t	•
	4	48	Had Chicken Pox in	Adults 14-19	Yes	1
			Past 12 Months?	and Children	No	2
			Sept. 1, 1984-Aug. 31, 1985		Don't Know	3
			-		NA	9
	5	49	Had Mumps Shot?	· Adults 14-19	Yes	1
				and Children	No	2
					Don't Know	3
					NA	. 9
	6	50	Had Mumps Shot in Past	Adults 14-19 and	Yes	1
	•	30	12 Months?	Children With Yes	No	2
				in Item 49	Don't Know	3
				*** TCCM 73	NA KHOW	9
					(1) (1)	7

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
			EDITED SMOKING SUP	PLEMENT DATA		
	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

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

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

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

Attachment 12 QUESTIONNAIRE FACSIMILE

INTERVIEWER CHECK ITEM	FORM CPS-1	U.S. DEPARTMENT OF COMMERCE Bureau of the Consus	CONTROL NUMBER		ŕ
Only CPS-1 for household	Current populat	ion sarasa			
Third, fourth, and 5th CPS-1	Form Approved — O.M.B. No. 0607-0019	Foedic 26.1:1	PSU	SEGMENT	SERIAL
LINE NO. OF H'HOLD RESP. NON H'HOLD RESPONDENT					,
INTERVIEW ANY ENTRY OTHER THAN (Yes	Curre	NT			
TELEPHONE HOLD (Mark this box for office "telephone hold" cases only)		ATIA	(N)		

Survey

September 1985

				FIRST CHILD		TICE TOURSERITTION TIEMS THE RIN ALL	TOUSERUL			50000	- 1451404		
18A.	188. RELATIONSHIP	18C. PAR'S	180.	18G1, SEX	18K.	las un	-	(FIX only in inter	FIRST ARMED				12.1
LINE	TO REF. PERS.	LINE NO.	AGE		ORIGIN	45. Has had the three-day messles, also known as Rubelle or German messles	18A.	T		· -			<u> </u>
NO.	1	9.5	00	Male O	000	during the past 12 months?	LINE	198. RELATION		18C.	18D. AGE	18E. MARITA	AL STATU
00	Own child 3	11	: :	remate] " ;	Yes D No D DK D	NO.	Reference Person		LINE	AGE	Married-civil	
1 2 2	Brother/Sister O	2 8	1 3	18J. RACE	ā ā		၂စြ		sinh'hld 🗢	NO.	1	spouse pres	ment C
33	Other relative	. 33	2	1. White 2	3 3	46. Hee ever had an injection or shot	1 1			စခ	0	Married-	
1 4	Non-rel, of Ret.	4-	~-	2. Black 🔾	م	£)		Other relative	sinh'hld C				
1 5	PersonWFTH	_ 5		3. Amer.Ind.	3	Yes C No (Skip to 48)		Husband	o			1	
6	OWN RELS. in	S	5	Aleut, Eskimo C	G		11					spouse abse	nt '
2	Non-rel, of Ref.	1 3	1 :	4 Asian or	1	47. Has hed an injection or shot against							^
8	PerNO OWN			Pac.Isl		12 months?	11 -						
} 🤊	nets, in H. H C	J	1 "	5. Other C	,	Y= 0 N= 3 SY 0	8			?	7 7		
34 Oid	mercian influence year	ina l	10 44-4		-		_ s	Other rel, of Her	.Person 😊	8	88		
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Page 2

SEPTEMBER 1986 U.S	. Department of Commerce	1. INTERVIEWER C	HECK ITEM	1:	. SAMPLE	3. CONTR	OL NUMBER		
	BUREAU OF THE CENSUS	1	senold C 1 (FIII)	all applicable	A' C		:	ļ	Sec.
6		First CPS-1 of conti	nuetion h'hid C (starr	ns on this	5 0	} .		; ;	
Current Population	N Survey	Second CPS-1 of co		nscribe Items			į.		
FORM CPS-1		Third, fourth, etc. 0	PS-1 C CPS	3 from first -1)		Ì			
MONTH YEAR	4. TYPE OF LIVING QUART	ERS			Se. LAND	8. PSU NO	7. SEGMENT	& SERIAL	9.HOUSE-
000000000000000000000000000000000000000	HOUSING UN	IIT 🖪	OTHER UN	п 🗯	USAGE		NO.	NO.	HOLD
10. INTERVIEWER CODE A B C D E F G H J K L M	House, apertment, flet		Quarters not		Urben O		1		
00000000000	HU in nontransient hotel,		! HU in recening or bear	ding house O	Rural C				ŀ
0123456789	HU, permanent, in transis		Unit not permenent		(FIII Sb)-7	111	1111	0.0	I
0 1 2 3 4 5 6 7 8 9	HU in rooming house	C	in transient hotel, mote	al, etc O		838	8888	5 5	s
I S	Mobile home or trailer		Tent site or trailer site		5b. FARM	333	3333	33	3 ¢-
0123456789		om added C	1	_	SALES				l
12. LINE NO. OF H'HOLD RESP.	Mobile home or trailer wi	th one	in college dormitory		\$1000 or more O	3 3 3	5 5 5 5	3 3	5
123456* 🚾	or more permenent roo	oms added	Other not HU (Describe by	elow) C	i	SSS	5666	લ દ	G
Non. h'hid. resp.(Specify) 👄 (Send Inter Coi	HU not specified above (A	Describe below) 🤇	1		S1000 O	888	7777	?? 88	7 %
Interviewed Households On	1	•				333	555	9 2	1
America and a second a second and a second a						i			(Go to 10)
13. TYPE INTERVIEW			NONINTERVIE	EW					
Noninterview ©	TYPE A		TYPE B	TYPE	C (Soud Inter Co			IAL STATUS	
Personal O	14. (Mark reason and race.)	15.	- 1		_	, 1	6. This unit is int		
Tel. — reguler O Tel. — caliback O	REASON RACE	1		Demolished	0	1	Yeer round		FIII HVS If HU in Item 4
ICR filled O	No one home C	l	h'hld furniture C } 16)	House or tri	iller moved O	1	By migratory wo	rkers C //	(Fill Item 17
		Temp. occ. by perso	ons with URE C) Outside sen	ment C		Sessonally		below if HU in Item 4)
	Temporarily Subsent C	Unfit or to be demo	, —	Converted t	o permanent	1 .			
,	i		, not ready C		or storage O		7. This unit is int	tended for oc	cupancy:
}	Refused C Back C	Converted to temp, business		1			Summers only , ,	e y	Transcribe
	Other - Occ. C All other I	Occ. by Armed For	COMIT	1		1	Winters only	[as instructed on back of
	(Describe		1	7) Built after A	April 1,1980 C	1 1	Other (Describe b		Control Card
	Delow)	Unoccupied tent site Permit granted,	. 1	Unused line		1	/	•	
3	\	1	started	!		1 1	/		
	\	Other (Specify below	•) ⊖ j	Other (Desc)	ribe below) C	1	<i>f</i>		
	7								
56. INTERVIEWER CHECK ITEM	INTERVIEWER TRANSCRIPTIO			seholds, es eppli	cobie.				
Any person(s) 0—19 O (Ask 57 – 58)	27. TENURE (Transcribe from cc	item 10)	NOTES:						
All others (End auestions)	Owned or being bought	:							
·	Rented for cash	2							
57. Did refer to an immunization record,	No cash rent	: -							
for exemple, a private physician's record, health department record, or military record, to answer	28. HOUSEHOLD STATUS CHA	NGE							
any of the immunization questions for children	Is this a replacement househol this month?	ld for the first time			•				
0—19 years of age?	Yes	c		•					
Yes O No O	No	2		1					
58. INTERVIEWER CHECK ITEM	29. TOTAL FAMILY INCOME								
Who responded to supplement issues for	(Trenscribe from cc Item 29,]		•					
children 0—18 in this household?	A O E O I O B O F O J O								
Perent C	COGOKO	" "						•	
Self: 0	роного			1					
. Other relative C	REMINDER								
Nonrelative O	Fill Items 18A-18K on pages 2.					00	DER NUMBER.		•
	PELITERS TEXT TEX ON POPES 2.	, 3. 7, 9, and 17.							
						A	BCDEF	G H J K	LM
· ·		L.							
•		ſ				ء ا	00000	0000	. 5
							18345		

t.

18. LINE NUMBER	20. Did do any work at all	21. (If In 19, skip to 21A.)	22. (If LK in 19, Ship to 22A.)	24, INTERVIEWER CHECK ITEM	
1	LAST WEEK, not counting	Oid have a job or	Has been looking for work	(Rotation number)	
	work around the house?	business from which he/she	• •		25. INTERVIEWER CHECK ITER
19. What was doing most	(Note: If farm or business		during the past 4 weeks?	First digit of SEGMENT number is:	(Rotetion number)
of LAST WEEK -	1	was temporarily absent or	Yes © No © (Go to 24)	0 1, 2, 4, 5, 6 or 8 (Skip to 26)	First digit of SEGMENT
, Working	operator in hh., esk ebout	on layoff LAST WEEK?	1 10 10 10 100 10 24/	○ 3 or 7 (Go to 24A)	number is:
Keeping house	unpeid work.)	V	22A, What has , been doing in the last	·/	4
Going to school	Yes ○ No ○ (Go 10 21)	Yes C No C (Go to 22)	4 weeks to find work? (Mark all	24A. When did last work for pay at a	○ 1.2.4,5,6 or 8 (Ship to 26)
or something else?	·	21A. Why was absent from		regular job or business, either full- or	© 3 or 7 (Go to 25A)
	20A. How many hours 🔾 🔾		methods used; do not reed list.)	pert-time?	/
Working (Skip to 20A)WK 🗘	did work II	work LAST WEEK?	Checked with -	· · _	25A. How many hours
With a job but not at work	LAST WEEK a a	Own illness O		Within past 12 months O	per week does , '@ @
-		Own Illness C	pub. ampiév agency ⊙	1 up to 2 years ago O	USUALLY : :
Looking for workLK	•	1_	pvt. employ, agency O	2 up to 3 years ago ○ \((Go to 248)	
Keeping house	208 INTERVIEWER	On vacation		3 up to 4 years ago C }	3 3
Going to school	A1504 12514	1 🚆	employer directly O	4 up to 5 years ago O	4 +
Unable to work (Skip to 24), ,U 🗢	136	Bed weather O	friends an artist as	5 or more years ago O 1	5 5
RetiredR ©	49 0 (Skip to 7 ?	•	friends or relatives O	Never worked	6 6
Other (Specify)OT C		Labor dispute O	Placed or answered ads	240/	- ? ?
\	1-34 C (Go to 99		Nothing (Skip to 24)	248. Why did leave that job?	8 8
	20C)	New job to begin /ta/n m	Other (Specify in notes, e.g.,	Personal, family	1
	35-48 © (Go to 200)	, (Skip to		(Incl. pregnancy) or school C	9 9
	35-46 (100 10 200)	within 30 days © 228 and 22C2)	register, etc.)		760 to said burde burn
	200. Did lose any time or	Temporary layoff		Health	258. Is paid by the hour
	1	(Under 30 days)	228. Why did start looking	Retirement or old age	on this job?
·	take any time off LAST	1 3000	for work? Was it because , lost	Hera ement or ord age	Yes C (Go to 25C)
	WEEK for any reson	Ingefinite layoff (SMn	or quit a job at that time (page)	Sessonel job completed	No 3 (Skip to 250)
	such as illness, holiday	(30 days or more to	1	1	
20C. Does USUALLY work 35	or slack work?	or no def. recell \ 22C3	or was there some other reason?	Stack work or business conditions 🗇	25C. How much
	1	dete)	Lost ob	Temporary	does Dollars Cents
hours or more a week at this job?	Tes — now meny nouns	'	Quit job	nonseasonal job completed 1	0000
Van S. Marie I.	did take off?	Other (Specify)	Left school C	Unsatisfactory work	
Yes 3 What is the research	l *		Wanted temporary work	arrangements (Hours, pay, etc.)	
worked less than				Other	3 2 2 2 2
35 hours LAST WEEK?	(Correct 20A If lost time	218. Is petting wages or	Other (Specify in notes)		33 33
	not elready deducted;		220 411	24C. Does went a regular job now,	<u> </u>
No C What is the reason		seisry for any of the time	22C. 1) How many weeks	either full-or part-time?	\$ 6 33 53
USUALLY works	If 20A reduced below 35,	off LAST WEEK?	hasbeen looking	Yes © 1.55 - 2.01	11 1 3 6 6 6
less than 35 hours	correct 208 and RII 20C;	V	for work? a a	Maybe - it depends C (Go to 240)	2 7 2 2
	otherwise, skip to 23.)	Yes	33	(Specify in notes)	🕳 ବର ୫୫
a week?	No C	No	2) How many weeks ago 👵 👵	No 3 1/5/20 = 2/5/	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
(Mark the appropriate reason)]	did start looking 3 8	Don't know (Skip to 24E)	, — > = > =
	20E, Did work any overtime	Self-employed 🔾			(Ash 35D)
Slack work	or at more than one job	·	, 33	24D. What are the ressons is not	
	LAST WEEK?	21C. Does usually work	7 ?	looking for work? (Mark each reason mentioned)	25D. How much does
Material shortage	Dest incex.		3) How many weeks ago 3 8		USUALLY earn
		35 hours or more a week	as mow many weeks ago ପ୍ରଥି	Believes no work	per week at this
Plant or machine repair	Yes 3 How many extra		westaid off? ຄູຄູ	Betieves no work averlable in line of work or area	per week at this job BEFORE 333
		35 hours or more a week at this job?	weslaid off? 5 5	Believes no work	per week at this job BEFORE 0 0 0 0 deductions? I I I
Plant or machine repair © New job started during week ©	Yes 3 How many extra	35 hours or more a week	waslaid off? 9.9 22D, Hasbeen looking for full-time or part-time work?	Betieves no work averieble in line of work or area Couldn't find any work	per week at this job BEFORE 000 deductions? 1 1 1 Include any 8 6 8
Plant or machine repair ©	Yes 3 How many extra hours didwork?	35 hours or more a week at this job?	weslaid off? 5 5	Believes no work available in line of work or area Couldn't find any work	per week at this job BEFORE 0 0 0 deductions? I I I include any 8 8 8 8 overtime pay, 3 9 0
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26. INT	ERVIEWER CHECK ITEM	1 22 214		<u> </u>	 				<u> </u>	┸
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,	6-24 years of age 🔘 (Ask 26A)	Yes 1	٠.	Ne 2 DK €	Yes C	No O	DK O	11:-6		į
1 1	VI others (End Questions)	1	•	MC 2 DK 2				Him/n	erself C	
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	attending or enrolled in a high	36A. INTE	HVIEWER	CHECK ITEM	the mum	ps?				
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[High School C (Ask	Yes	~ ~~	C (Skip DK C (Skip to 40)	Yes C	■ No C	DK O	b. No childre	in 0–13 Go to 56 c	in page 3
i	College or Univ. C 1 268)	İ		10 40)				0		
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or	part-time student?	L			All oth	ers 🧠 (Skip to 55A)	' l			
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	QUESTIONS FOR ALL HOUSEHOLD	1		ing cough, that is DTP?	entire life		I HELV PROF			1
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l	Illnesses and protection from them.	: [1 5	3 # J DK 0		ਣ. ■				
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a ch	onic heart condition such as a heart attack									
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		12 mont			Yes D		C (Skip	*	_	-
34. Did .	receive influenza veccine (pause), during					to SSA)	ao 55A)		•	ļ
	eriod September 1, 1984 - August 31, 1985	, Yes C		No O DK S	EE What out	r form(s) of tobecoo does				1
•	_	(ever had an	Injection or shot against			у нашего у			1
Yes	DK C		e-day meesi		unit (Mar	k all shat apply.)				•
		1		,	Sn	uff		•	•	[
35. Has .	over received veccine for pneumonie?	Y= 2	. Pro	C (Ship DK C (Ship to 48)		ewing tobacco O				ŀ
		<u></u>				pars				1
Yes		47. Has	had an injer	tion or shot against the		oe tobecco C	·			
	DK () (Skip to 36A)			uring the past 12 months?		her (Specify) O	ļ.			1
	5 , 5,		.,				1			- 1
		Yes C	;	No C DK C		•	1			1

Page 5

	,		

Attachment 13

UNWEIGHTED AND WEIGHTED COUNTS

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

			•
		•	
			*

Attachment 14

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 (CFS) 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 questionaires, 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:

- 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 \times and y be sample estimates for two characteristics of interest. A subsequent section explains how to derive a standard error on the difference \times -y. Let that standard error be σ_{DIFF} . Compute the ratio $R = (\times -y)/\sigma_{\text{DIFF}}$. 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, σ_{\times} , 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.

$$\sigma_{x} = \sqrt{ax^{2} + bx} \tag{1}$$

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 1-17, who had ever received a rubella vaccine. Using formula (1) with a= -0.000076 and b= 5757 from Table E, the approximate standard error * 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 measle 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, $\sigma_{(N,p)}$, 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.

$$\sigma_{(N,p)} = \sqrt{\frac{b}{n} \cdot p (100 - p)}$$
 (2)

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

^{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 2 is

$$\sigma_{(H,p)} = \sqrt{\frac{2063}{14,500,000}}$$
 (61)(39) = 0.6 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 3 is

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

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

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

where σ_{\times} and σ_{γ} 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.

^{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)

				Sta	indard Erro	r			
Size of Estimate		Age Groups Co 15 Years or) (2)		1 1	e Groups Colore Than 19	0 But	1 1	ge Groups C 10 Years or (3)	
· - · · ·	¦			;			- ; 		
250	;	38		ŀ	30			23	
500	;	53		}	43		;	32	
1,000	į	75		<u> </u>	60		}	45	
2,500	į	117		;	94		ŀ	69	
5,000	;	164		}	129		!	94	
10,000	ŀ	224		ł	173		:	121	
15,000	i	263		1	199		1	133	
25,000	i	311		1	219		:	121	3)
40,000	;	330		ł	185	2)	;	(x)	
50,000	ļ	313	1)	;	(x)		1	(x)	
	I I			1	•		1		

- (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				Fati	1	nd Damanak								
Percentage (thousands)	;	1 or 99	i	2 or 98		ed Percent: 5 or 95	-	10 or 90	;	20 pr 80	;	35 or 65	!	50
							· 						· 	
	1		ŀ		ļ		1		;		;		;	
500	1	i.i	!	1.5	;	2.3	;	3.2	;	4.3	ł	5.1	1	5.
1000	1	0.8	1	1.1	1	1.7	;	2.3	1	3.0	1	3.6	!	3.8
2500	1	0.5	}	0.7	;	1.0	;	1.4	;	1.9	;	2.3	;	2.
5000	ŀ	0.3	ł	0.5	;	0.7	ŧ	1.0	ŀ	1.4	1	1.6	!	1.7
10000	1	0.2	ļ	0.3	;	0.5	i	0.7	ï	1.0	:	1.1	1	1.3
25000	1	0.2	1	0.2	;	0.3	ŀ	0.5	;	0.6	1	0.7	;	0.8
50000	i	0.11	1	0.2	:	0.2	;	0.3	1	0.4	ì	0.5	!	0.5
75000	ì	0.09	}	0.12	ŀ	0.2	ł	0.3	;	0.4	ł	0.4	;	0.4
100000	1	0.08	;	0.11	i	0.2	1	0.2	¦	0.3	ŀ	0.4	!	0.4
	;		1		;		1		;		;		i	

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

Base of Percentage				Esti:	•at	ed Percent:	196)						
(thousands)	ł	1 or 9	9 :	2 or 98		5 or 95	•		i	20 or 80	,	35 or 65	:	50
	 ¦		!				 ¦	********			1		 ¦	
500	;	0.9	1	1.2	;	1.9	ŧ	2.6	!	3.4	1	4.1	ţ	4.3
1000	ł	0.6	ł	0.9	:	1.3	ï	1.8	:	2.4	;	2.9	;	3.0
2500	ì	0.4	1	0.5	;	0.8	ì	1.2	1	1.5	1	1.8	:	1.5
5000	;	0.3	1	0.4	;	0.6	1	0.8	1	1.1	ļ	1.3	;	1.4
10000	i	0.2	;	0.3	1	0.4	;	0.6	1	0.8	i	0.9	i	1.0
25000	1	0.12	ţ	0.2	:	0.3	;	0.4	;	0.5	i i	0.6	:	0.6
50000	1	0.09	ŀ	0.12	1	0.2	;	0.3	;	0.3	;	0.4	;	0.4
75000	1	0.07	1	0.10	1	0.2	1	0.2	;	0.3	1	0.3	1	0.4
	ŀ		1		ł		i		;		;		:	

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

Base of Percentage				Esti	mate	ed Percenta	ge											
(thousands)	!	1 or 99	;	2 or 98	!	5 or 95	Ĭ	10	or 9	0	20	or (80	ł	35 or	65	1	50
	 ¦		 ¦		;		 !				 }			 }			}	
500	ŧ	0.6	!	0.9	1	1.4	ļ		1.9	,	;	2	.6	1	3	.1	1	3.:
1000	i	0.5	1	0.6	1	1.0	;		1.4	ļ	;	1	. 8	;	2	. 2	;	2.
2500	;	0.3	ł	0.4	!	0.6	:		0.5)	;	1	. 1	;	1	. 4	;	1.
5000	;	0.2	1	0.3	1	0.4	:		0.6	}	;	0	.8	ì	1	.0	1	1.1
10000	;	0.14	;	0.2	;	0.3	;		0.4	,	1	0	٠.6	;	0	.7	1	0.
25000	ţ	0.09	ţ	0.13	;	0.2	;		0.3	;	:	0	. 4	;	0	. 4	:	0.
35000	;	0.08	;	0.11	1	0.2	:		0.2	· ·	;	0	.3	;	0	. 4	1	0.
	÷		1		i		:				:			i			;	

TABLE E
Standard Error Parameters for Estimated Numbers
and Percentages of Persons

	11	l Person					
Characteristic	 	8		b			
Age Groups Covering 15 Years or More	11	-0.000076	1 1 1	5757			
Age Groups Covering More Than 10 But Less Than 15 Years	1 i 1 l 1 i	-0.000071	; 	3694			
Age Groups Covering 10 Years or Less	11	-0.000059	! ! !	2063			

STATE FACTORS

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