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Current Population Survey (CPS), September 1984: United States Immunization Survey Supplement

Record Group 29 Records of the Bureau of the Census

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National Archives



Washington, DC 20408

N. McGovern
May 22, 1990
Revised: J. Nelson
August 21, 1992
3-029-89-017

VALIDATION STATEMENT

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

title: Current Population Survey (CPS), September 1984

logical record length: 600

number of datasets: 1

No discrepancies between the documentation and a sample dump of the data were noted during hand validation.

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CURRENT POPULATION SURVEY, SEPTEMBER 1984:
UNITED STATES IMMUNIZATION SURVEY

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

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| Attachment 1 | Abstract |
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| Attachment 3 | Overview--Current Population Survey |
| Attachment 4 | Glossary |
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| 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 |
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| Attachment 10 | Current Population Survey Armed Forces Interview Record Layout |
| Attachment 11 | Current Population Survey September 1984 Immunization Survey Record Layout |
| Attachment 12 | Questionnaire Facsimile |
| Attachment 13 | Unweighted and Weighted Counts |
| Attachment 14 | Source and Reliability of the Estimates: United States Immunization Survey, September 1984 |

NOTE

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



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

CURRENT POPULATION SURVEY, SEPTEMBER 1984
UNITED STATES IMMUNIZATION SURVEY

USER NOTE NO. 1

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

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

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

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

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

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

Redesign of the Sample for the Current Population Survey

*Kathleen P. Creighton and Robert Wilkinson

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

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

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

New design objectives

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

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

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

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

Specific goals for the new design include:

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

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

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

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

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

Phase-in of the new design

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

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

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

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

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

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

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

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

Table 1. Rotation group redesign scheme

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

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

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

Effects of the changeover

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

¹ A complete listing of 1983 MSA's, CMSA's and, PMSA's is available in the Office of Management and Budget Release 83-20.

ATTACHMENT 1

ABSTRACT

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

TYPE OF FILE:

Microdata; unit of observation is individuals within housing units.

UNIVERSE DESCRIPTION:

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

SUBJECT-MATTER DESCRIPTION:

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

Supplemental data provide information on the disease history and/or protection through immunization against the common childhood diseases (diphtheria, tetanus, and whooping cough; polio; measles; rubella; 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.

GEOGRAPHIC COVERAGE:

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

TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 165,316 logical records; 600 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 1984: United States Immunization Survey Technical Documentation." Documentation contains this abstract, a questionnaire facsimile, and record layouts of the file. One copy accompanies each file order. Additional copies are available for \$5 each from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

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

RELATED PRINTED REPORTS:

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

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

FILE AVAILABILITY:

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

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

ATTACHMENT 2

OVERVIEW--SEPTEMBER 1984 IMMUNIZATION SURVEY

I. Data Collection

The September 1984 United States Immunization Survey was conducted as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey conducted in approximately 58,000 households across the Nation. Attachment 12 is a copy of the document used by the CPS with the immunization supplement on pages 2 and 5.

The immunization survey was asked of all persons in all except first and fifth month households. Interviews were conducted during the period of September 17 through September 22. Interviewers were provided a one hour home study covering September supplement procedures and item definitions. The first five questionnaires submitted by each interviewer were carefully reviewed by office staff. The interviewer was contacted if any errors were uncovered as a result of this review.

Interviewers were instructed to conduct the supplement interview with the household respondent; otherwise, a knowledgeable parent of any child 0-19 years old in the household. There were 89,681 persons eligible for the supplement for which 87,017 interviews were obtained. This produced an interview rate of 97.0 percent.

II. Data Processing

The data processing involved editing the supplement data and weighting up the 6 eligible rotations to the total population. Each operation is described briefly below.

A. September Supplement Computer Edits

The computer edit initially identified the interview status of a supplement record. Such records were considered "interviewed" if the basic CPS transcription item "interview" was recorded as category 1 in word 1, character 1 and the rotation number was 1, 3, 4, 5, 7, or 8 (all but month-in-sample 1 or 5, wd. 1:2). Records not meeting these conditions were considered noninterviews and were not processed further. There was no weighting for noninterviews. Interviewed records were edited to ensure consistency between items on the record and for a limited number of items missing values were assigned based on known entries. If an item was blank and there was clear evidence that there should be an entry, an "NA" (not available) code was assigned. No attempt was made to allocate or impute missing values. The effects of the edit can be demonstrated by considering item 37 and its relationship to items 38 and 39:

1. Consistency - If item 37 had a response of "No" or "Don't Know", then items 38 and 39 would be blanked.
2. Assigning missing values - If item 37 was blank and item 38 or 39 had an entry other than "Don't Know", then item 37 would be made equal to "Yes".

3. Assigning NA's - An "NA" code was assigned to item 38 or 39 if it was blank and item 37 was "Yes". An "NA" code was automatically assigned to item 37 if no entry was recorded.

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 CPS sample is designed to represent the Nation as a whole. Since the September supplement uses only three-quarters of the CPS sample, there was a need to adjust the individual or adult weights accordingly. Children's records (0-13 years old) were adjusted separately according to independent population controls. Attachment 14 is a statement of reliability which should be considered when analyzing data from this file.

1. Adult weighting (14 years old or older).

A factor of 4/3 was applied to all adult records to equalize supplement records with basic CPS records.

2. Children's weighting (0-13 years old)

Independent population estimates derived from the 1980 census and updated through September 1984 were applied as controls to each child's record. These factors were applied by year of age, race, and sex of child.

3. Beginning with data for January 1985, changes in the estimation procedure were incorporated in the CPS. Included in these changes is the introduction of population controls for data on Hispanics. (See article in February 1985 Employment and Earnings for more detailed explanation.) Revised weights which incorporated these new procedures have been appended to the file to provide users with the ability to bridge 1984 data to data collected after January 1985 (words 99 and 100).

III. September 1984 CPS/Immunization Supplement Computer Tape File

The September CPS/Immunization file can be considered as having two distinct parts: the CPS labor force data and the September immunization supplement data.

A. CPS Data

Basic CPS labor force data are contained in words 1-80 of each record. One of five different record layouts should be used depending on the type of record being selected.

1) Interviewed 14+ Person's Records

Attachment 6 shows the locations and definitions of variables available in words 1 through 80 for persons 14+ years old and over who were interviewed in the September 1984 CPS. Interviewed 14+ person records will have word 1 character 1=1 (Record type) and word 17 characters 1-2=14-99 (age).

2) Children's Records

Attachment 7 shows the location and definition of variables available in words 1 through 80 for persons less than 14 years of age. Children's records will have word 1 character 1=5 (Record type) and word 17 characters 1-2=00-13 (age).

3) Noninterview Type A Records

Attachment 8 shows the locations and definitions for variables available in words 1 through 80 for CPS Type A noninterview records. Type A noninterview records represent households which were eligible for the CPS interview, but were not interviewed because no one was at home, household members were temporarily absent, etc. Type A noninterview records will have word 1 character 1=2 (Record type).

4) Noninterview Type B/C Records

Attachment 9 shows the locations and definitions for variables available for Type B/C noninterview records. Type B/C noninterview records represent sample addresses which were determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc. Type B/C noninterview records will have word 1 character 1=3 (Record type).

5) Armed Forces Records

Attachment 10 shows the locations and definitions for variables available in words 1 through 80 for persons 14 years or over in the Armed Forces whose household information was transcribed from the CPS control card. Records for persons 14+ in the Armed Services will have word 1 character 1=4 (Record type).

B. September Immunization Supplement Data

The September immunization data are contained in words 81 through 100 of interviewed adult and children's records. Attachment 11 shows the locations and definitions of variables in this portion of the record. Note that supplement data are available for all records when word 81 character 5 is equal to 1.

IV. Records from the September CPS/Immunization 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 sample, the record type must first be determined as follows:

| | |
|-----------------------|--------------------------------|
| Interviewed Adults | Wd. 1:1=1 and Wd. 17:1-2=14-99 |
| Children | Wd. 1:1=5 and Wd. 17:1-2=00-13 |
| Armed Forces Records | Wd. 1:1=4 |
| Type A Noninterview | Wd. 1:1=2 |
| Type B/C Noninterview | Wd. 1:1=3 |

As described in IIIA. above, use the proper record layout depending on which records are selected. Use the weight in words 21 and 22 if tallying CPS labor force estimates using the full file as opposed to the supplement three-quarters sample. (Revised weights are contained in words 99 and 100.)

B. Tallying September Immunization Supplement Data

The September supplement universe was three-fourths that of the CPS sample (6 of 8 rotation groups). As a result, the September supplement weights were adjusted as described in IIB above so the sample would be nationally representative. Moreover, any tallies that use September supplement data must use the weight in words 87 and 88 or the special supplement weights in words 89 and 90 which are computed using the revised weights. This applies to cross tabulation between September data and the CPS portion of the record, i.e., number of adults with diabetes (item 30) by hours worked last week (item 20A).

Supplement weights are presented for interviewed supplement records.

Changes in Estimation Procedure in the Current Population Survey Beginning in January 1985

*Deborah A. Fenstermaker

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

Reason for change

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

Specific changes

Although there remain five basic steps in the estimation procedure (see table 1), changes have been introduced in each step.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Effect of new procedure on national estimates

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

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

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

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

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

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

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

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

(Numbers in thousands)

| Category | Total | | | White | | | Black | | | Hispanic origin | | |
|---|---------------|---------------|-------------------------|---------------|---------------|-------------------------|---------------|---------------|-------------------------|-----------------|---------------|-------------------------|
| | Old procedure | New procedure | Difference ¹ | Old procedure | New procedure | Difference ¹ | Old procedure | New procedure | Difference ¹ | Old procedure | New procedure | Difference ¹ |
| Civilian noninstitutional population | | | | | | | | | | | | |
| Total, 16 years and over | 176,383 | 176,324 | -59 | 152,347 | 152,362 | 15 | 19,348 | 19,326 | -22 | 9,881 | 11,164 | 1,283 |
| Men, 16 years and over | 83,606 | 83,554 | -52 | 72,723 | 72,723 | 0 | 8,654 | 8,632 | -22 | 4,659 | 5,471 | 812 |
| 16 to 19 years .. | 7,386 | 7,411 | 25 | 6,113 | 6,113 | 0 | 1,056 | 1,077 | 21 | 552 | 617 | 65 |
| 20 years and over | 76,219 | 76,144 | -75 | 66,610 | 66,611 | 1 | 7,599 | 7,556 | -43 | 4,107 | 4,854 | 747 |
| Women, 16 years and over | 92,777 | 92,770 | -7 | 79,624 | 79,637 | 13 | 10,693 | 10,694 | 1 | 5,221 | 5,692 | 471 |
| 16 to 19 years .. | 7,348 | 7,392 | 44 | 6,034 | 6,060 | 26 | 1,106 | 1,125 | 19 | 565 | 617 | 52 |
| 20 years and over | 85,429 | 85,377 | -52 | 73,590 | 73,578 | -12 | 9,569 | 9,569 | -20 | 4,656 | 5,075 | 419 |
| Civilian employment | | | | | | | | | | | | |
| Total, 16 years and over | 105,005 | 104,999 | -6 | 92,120 | 92,170 | 50 | 10,119 | 10,104 | -15 | 5,679 | 6,469 | 790 |
| Men, 16 years and over | 59,091 | 59,018 | -73 | 52,462 | 52,440 | -22 | 5,123 | 5,098 | -25 | 3,359 | 3,950 | 591 |
| 16 to 19 years .. | 3,322 | 3,350 | 28 | 3,001 | 3,018 | 17 | 252 | 262 | 10 | 217 | 242 | 25 |
| 20 years and over | 55,769 | 55,668 | -101 | 49,461 | 49,422 | -39 | 4,871 | 4,836 | -35 | 3,142 | 3,708 | 566 |
| Women, 16 years and over | 45,915 | 45,981 | 66 | 39,659 | 39,730 | 71 | 4,995 | 5,006 | 11 | 2,320 | 2,519 | 199 |
| 16 to 19 years .. | 3,122 | 3,146 | 24 | 2,835 | 2,854 | 19 | 222 | 227 | 5 | 185 | 202 | 17 |
| 20 years and over | 42,793 | 42,835 | 42 | 36,823 | 36,876 | 53 | 4,773 | 4,779 | 6 | 2,135 | 2,317 | 182 |
| Unemployment | | | | | | | | | | | | |
| Total, 16 years and over | 8,539 | 8,599 | 60 | 6,372 | 6,431 | 59 | 1,914 | 1,920 | 6 | 676 | 778 | 102 |
| Men, 16 years and over | 4,744 | 4,755 | 12 | 3,600 | 3,629 | 29 | 1,003 | 987 | -16 | 390 | 464 | 74 |
| 16 to 19 years .. | 812 | 826 | 14 | 608 | 617 | 9 | 188 | 193 | 5 | 70 | 82 | 12 |
| 20 years and over | 3,932 | 3,931 | -1 | 2,992 | 3,013 | 21 | 815 | 795 | -20 | 320 | 382 | 62 |
| Women, 16 years and over | 3,794 | 3,843 | 49 | 2,772 | 2,801 | 29 | 911 | 933 | 22 | 286 | 314 | 28 |
| 16 to 19 years .. | 687 | 703 | 16 | 508 | 517 | 9 | 165 | 172 | 7 | 54 | 60 | 6 |
| 20 years and over | 3,107 | 3,139 | 32 | 2,264 | 2,285 | 21 | 747 | 761 | 14 | 232 | 254 | 22 |
| Unemployment rate | | | | | | | | | | | | |
| Total, 16 years and over | 7.52 | 7.57 | .05 | 6.47 | 6.52 | .05 | 15.91 | 15.97 | .06 | 10.64 | 10.74 | .10 |
| Men, 16 years and over | 7.43 | 7.46 | .03 | 6.42 | 6.47 | .05 | 16.37 | 16.22 | -.15 | 10.40 | 10.51 | .11 |
| 16 to 19 years .. | 19.64 | 19.72 | .14 | 16.85 | 16.97 | .13 | 42.73 | 42.42 | -.31 | 24.39 | 25.31 | .92 |
| 20 years and over | 6.59 | 6.60 | .01 | 5.70 | 5.75 | .04 | 14.33 | 14.12 | -.22 | 9.24 | 9.34 | .10 |
| Women, 16 years and over | 7.63 | 7.71 | .08 | 6.53 | 6.59 | .05 | 15.42 | 15.71 | .28 | 10.97 | 11.08 | .11 |
| 16 to 19 years .. | 18.04 | 18.26 | .23 | 15.20 | 15.34 | .14 | 42.64 | 43.11 | .47 | 22.59 | 22.90 | .31 |
| 20 years and over | 6.77 | 6.83 | .06 | 5.79 | 5.83 | .04 | 13.53 | 13.74 | .20 | 9.80 | 9.88 | .08 |
| Not in the labor force | | | | | | | | | | | | |
| Total, 16 years and over | 62,839 | 62,726 | -113 | 53,855 | 53,761 | -94 | 7,315 | 7,302 | -13 | 3,526 | 3,917 | 391 |
| Men, 16 years and over | 19,771 | 19,780 | 9 | 16,661 | 16,654 | -7 | 2,528 | 2,547 | 19 | 910 | 1,057 | 147 |
| 16 to 19 years .. | 3,252 | 3,235 | -17 | 2,504 | 2,478 | -26 | 616 | 622 | 6 | 265 | 293 | 28 |
| 20 years and over | 16,518 | 16,545 | 27 | 14,157 | 14,176 | 19 | 1,913 | 1,925 | 12 | 645 | 764 | 119 |
| Women, 16 years and over | 43,068 | 42,946 | -122 | 37,193 | 37,106 | -87 | 4,787 | 4,755 | -32 | 2,615 | 2,859 | 244 |
| 16 to 19 years .. | 3,539 | 3,543 | 4 | 2,691 | 2,689 | -2 | 719 | 726 | 7 | 326 | 355 | 29 |
| 20 years and over | 39,529 | 39,403 | -126 | 34,503 | 34,417 | -86 | 4,069 | 4,029 | -40 | 2,289 | 2,504 | 215 |

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

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

ATTACHMENT 3

OVERVIEW--CURRENT POPULATION SURVEY

Introduction

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

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

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

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

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

CPS Sample

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

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

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

Relationship of Current Population Survey Files to Publications

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

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

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

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

Geographic Limitations

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

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

Weights

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

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

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

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

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

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

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

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

Comparability of CPS From Microdata Files With Published Sources.

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

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

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

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

ATTACHMENT 4

GLOSSARY

Subject Concepts

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

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

Civilian Labor Force. (See Labor Force.)

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

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

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

Education. (See Years of School Completed.)

Employed. (See Labor Force.)

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

Final Weight. Used in tabulating monthly labor force items.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unemployed. (See Labor Force.)

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

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

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

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

Workers. (See Labor Force--Employed.)

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

Geographic Concepts

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

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

NORTHEAST REGION

New England Division

Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

Middle Atlantic Division

New Jersey
New York
Pennsylvania

MIDWEST REGION

East North Central Division

Illinois
Indiana
Michigan
Ohio
Wisconsin

West North Central Division

Iowa
Kansas
Minnesota
Missouri
Nebraska
North Dakota
South Dakota

WEST REGION

Mountain Division

Arizona
Colorado
Idaho
Montana
Nevada
Utah
Wyoming

Pacific Division

Alaska
California
Hawaii
Oregon
Washington

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

SOUTH REGION

East South Central Division

Alabama
Kentucky
Mississippi
Tennessee

West South Central Division

Arkansas
Louisiana
Oklahoma
Texas

South Atlantic Division

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

ATTACHMENT 5

NOTE TO USERS

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

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

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

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

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

CURRENT POPULATION SURVEY
 ADULT INTERVIEW RECORD LAYOUT
 FOR STANDARD TAPE COPIES
 (Beginning January 1984)

Attachment

Page 1

| Word | Char. | Characteristic | Universe | Description |
|------|------------|--|----------|---|
| 1 | 1 | Record type | All | Interviewed Adult |
| 2 | 2 | Month in Sample (Recorded from Month and Rotation) | All | 1-8 |
| 3 | 3 | Blank | | |
| 4 | 4-6 1-6 | Household ID Number | All | |
| 5 | 1-3 | | | |
| 6 | 6 | Region (From N.S.T.) | All | 1 Northeast 2 North Central 3 South 4 West |

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

-more-

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

--more--

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

-more-

Attachment A

| Word | Chr. | Characteristic | Universe | Description |
|------|------|--|----------|--|
| 3 | 5-6 | State (1st digit of State Code is Division Code) (From H.S.T.) (Cont.) | All | <u>West South Central Division</u> Arkansas Louisiana Oklahoma Texas |
| | | | | <u>Mountain Division</u> Montana Idaho Wyoming Colorado New Mexico Arizona Utah Nevada |
| | | | | <u>Pacific Division</u> Washington Oregon California Alaska Hawaii |

-more-

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

| | | | | |
|---|-----|------------------------------|-----|--------------|
| 1 | 1-2 | State Rankings (From H.S.T.) | All | 1970 Ranking |
| | | | | 01 |
| | | | | 02 |
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- California
- New York
- Pennsylvania
- Texas
- Illinois
- Ohio
- Michigan
- New Jersey
- Florida
- Massachusetts
- Indiana
- North Carolina
- Missouri
- Virginia
- Georgia
- Wisconsin
- Tennessee
- Maryland
- Minnesota
- Louisiana
- Alabama
- Washington
- Kentucky
- Connecticut
- Iowa
- South Carolina
- Oklahoma
- Kansas
- Mississippi
- Colorado

Attachment A

| Word | Char. | Characteristic | Universe | Description |
|------|-------|---|----------|-------------------------|
| 6 | 1-2 | State Rankings (Cont.) (From H.S.T.) | All | |
| | | | | Oregon 31 |
| | | | | Arkansas 32 |
| | | | | Arizona 33 |
| | | | | West Virginia 34 |
| | | | | Nebraska 35 |
| | | | | Utah 36 |
| | | | | New Mexico 37 |
| | | | | Kanin 38 |
| | | | | Rhode Island 39 |
| | | | | Hawaii 40 |
| | | | | District of Columbia 41 |
| | | | | New Hampshire 42 |
| | | | | Idaho 43 |
| | | | | Kentann 44 |
| | | | | South Dakota 45 |
| | | | | North Dakota 46 |
| | | | | Delaware 47 |
| | | | | Nevada 48 |
| | | | | Vermont 49 |
| | | | | Wyoming 50 |
| | | | | Alaska 51 |

-more-

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

-more-

Attachment A

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

-more-

| Word | Char. | Characteristic | Universe | Description |
|------|-------|--|-------------|--|
| 5 | 1-3 | Blank | | |
| 6 | 1-6 | Item 10 - INTERVIEWER CODE | All | Blank or Impossible in any digit |
| 6 | 1 | Item 12 - LINE NO. W' HLD RESP. | All | Blank or Impossible |
| 6 | 2 | Item 12 - TYPE INTERVIEW | All | Non W' hld Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled |
| 6 | 3-4 | Item 11 - DATE COMPLETED | All | Day of Month |
| 6 | 5 | Item 26A1--Is . . . attending or enrolled in a high school, college or university? | Item 26=1 | Yes No |
| 6 | 6 | Item 26A2--Verification of Item 26A1 | Item 26A1=1 | High School College or Univ. |

Attachment A

Description

Universe

Characteristic

Char.

Word

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

-more-

Attachment A

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

-MOFO-

Attachment A

| Word | Clnt. | Characteristic | Universe | Description |
|------|-------|--|-------------------------------------|--|
| 0 | 5 | Blank | | |
| 6 | | Item 9 - HOUSEHOLD NUMBER | All | |
| 9 | 1 | Item 17 (Recode) - What was ...doing most of LAST WEEK (Major Activity)? | All | 1-n 1 Working 2 With a job 3 Looking 4 House 5 School 6 Unemployed 7 Other (Incl. Retired) |
| 2-3 | | Item 20A - How many hours did...work LAST WEEK at all jobs? | ESR 1 | Number of Hours 01-99 |
| 4 | | Item 20C - Does...USUALX work 35 hours or more a week at this job? | ESR 1 & Item 20A less than 35 hours | 1 Yes 2 No |
| 5-6 | | Item 20C - Reason less than 35 hours a week (Recorded) | ESR 1 & Item 20A less than 35 hours | 01 Slack work 02 Material shortage 03 Plant or machine repair 04 New job started during week 05 Job terminated during week 06 Could find only part-time work 07 Holiday (Legal or Religious) 08 Labor dispute 09 Bad weather 10 Own illness 11 On vacation 12 Too busy with house, school, etc. 13 Did not want full-time work 14 Full-time work week under 35 hours 15 Other reason |

-more-

Attachment A

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

-more-

Attachment A

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

-more-

| Item | Universe | Description | Yes | No |
|--|---|---|-----|----|
| Item 22E - Digit 1 - Is there any reason why...could not take a job LAST WEEK? | ESR 3 | | 1 | 2 |
| Item 22E - Digit 2 - Is there any reason why...could not take a job LAST WEEK? | ESR 3 & 4 Yes in Digit 1 | Already had a job Temporary illness | 1 | 2 |
| Item 22F - When did...last work at a full-time job or business lasting 2 consecutive weeks or more? (Recorded) | ESR 4-7 | Going to school Other | 3 | 4 |
| Item 24A - When did...last work for pay at a regular job or business, either full- or part-time? | ESR 3 | In last 5 years Before last 5 years | 1 | 2 |
| | ESR 4-7 | Re-entrants to Labor Force New entrants to Labor Force | 3 | 4 |
| Item 24A - When did...last work for pay at a regular job or business, either full- or part-time? | ESR 4-7 and Month in Sample is 4 or 0 (Departing rotations) | Never worked full-time 2 weeks or more | 3 | 4 |
| | | Never worked at all | 1 | 2 |
| | | Within past 12 months | 3 | 4 |
| | | 1 up to 2 years ago | 5 | 6 |
| | | 2 up to 3 years ago | 6 | 7 |
| | | 3 up to 4 years ago | | |
| | | 4 up to 5 years ago | | |
| 5 or more years ago | | | | |
| Never worked | | | | |

-more-

Attachment A

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

-more-

Attachment A

| Item | Chr. | Characteristic | Universe | Description |
|------|------|---|---|---------------------------------------|
| 14 | 1 | Item 2(A) - Reasons (Cont'd) Other personal handicaps in finding job | Item 2(A) is 1 or 2 | Blank Entry |
| | 2 | Can't arrange child care | Item 2(A) is 1 or 2 | Blank Entry |
| | 3 | Family responsibilities | Item 2(A) is 1 or 2 | Blank Entry |
| | 4 | In school or other training | Item 2(A) is 1 or 2 | Blank Entry |
| | 5 | All health, physical disability | Item 2(A) is 1 or 2 | Blank Entry |
| | 6 | Other | Item 2(A) is 1 or 2 | Blank Entry |
| 15 | 1 | Don't know | Item 2(A) is 1 or 2 | Blank Entry |
| | 2 | Item 2(A) - Does...Intend to look for work of any kind in the next 12 months? | ESR 4-7 and Month in Sample is 4 or 0 (Departing rotations) | Yes If depends No Don't know |

-more-

Attachment A

Page 111

| Word | Char. | Character Code | Unk | Unk | Unk | Unk |
|------|-------|--|---|---|-----------------------|-------|
| 15 | 3 | Item 23E - Class of worker (Edited and Recoded). | a) FSR 1 or 2 b) FSR 3 c) FSR 4-7, Month in Sample in 4 or 0 & Item 24A in 1-5. | Private Government Self employed Without pay Never worked or Never worked Full-time | 1 2 3 4 5 | |
| 16 | 1-3 | BLANK | | | | |
| 17 | 1-5 | Item 10A - LINE NUMBER | All | | | 01-39 |
| 18 | 6 | Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Recode from Relationship to Reference Person) | All | | | |

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

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

-more-

Word Char. Characteristic Universe Description

10 1-2 Item 101 - HIGHEST GRADE (OF SCHOOL) ATTENDED All

- None
- E1
- E2
- E3
- F4
- F5
- F6
- F7
- F8
- H1
- H2
- H3
- H4
- G1
- G2
- G3
- G4
- G5
- G6+
- Yes
- No

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19

3 Item 101 - GRADE COMPLETED All

4 PADDING

5 Blank

6 Item 26---Interview Check
Item: This person is

- 16-24 Years of Age
- All Others

1
2

--MORE--

Attachment A

| Word | Charact. Variable | Universe | Employment | Description |
|---------|-------------------|----------|--------------------|--|
| 19 | 1 | ALL | Employed | Working with job, not at work |
| | | | Unemployed | Looking |
| | | | Not in labor force | Home School Unable Other (included Not in) |
| | | | | Full-time |
| | | | | Part-time |
| | | | | No |
| | | | | Yes |
| | | | | 991-999 |
| 20 | 2 | ALL | | Item 26B--Is...enrolled in school as a full-time or part time student? Item 26A1=1 |
| | 3 | ALL 1/ | | Indicator for principal person of household |
| | 4-6 | ALL | | Document Count (Within Work Unit) |
| | 1-3 | ALL | | Work Unit Number (From Breaker Sheet) |
| | 4-5 | ALL | | Month |
| | 6 | ALL | | Year - Last Digit |
| 21 & 22 | ALL | ALL | | Final Weight |

001 or 0A1-999
 If Breaker and Planning 911 Assigned
 01-12
 0-9
 Two Understood Do not
 Place. (Right Justified,
 space fill -01)

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

-more-

Next page is 23.

There is no page 22.

Attachment A

| Word | Char. | Characterizable | Universe | Description | | | | | | | | |
|---------------------|-------|---|----------|--|--------------|---|---------------------|---|------------------|-------|------------------|---|
| 23 | 1-6 | PADDING | | | | | | | | | | |
| 24 | 1-3 | PADDING | | | | | | | | | | |
| | 1-6 | JRCERU | All | No. of errors charged to Enumerator 000-999 | | | | | | | | |
| 25 | 1-2 | Blank | | | | | | | | | | |
| | 3 | PADDING | | | | | | | | | | |
| | 1-6 | Blank | | | | | | | | | | |
| 26 | 1 | SMSA Status Code | All | <table border="0"> <tr><td>SMSA</td><td>1</td></tr> <tr><td>Non SMSA</td><td>2</td></tr> <tr><td>Not Identifiable</td><td>3</td></tr> </table> | SMSA | 1 | Non SMSA | 2 | Not Identifiable | 3 | | |
| SMSA | 1 | | | | | | | | | | | |
| Non SMSA | 2 | | | | | | | | | | | |
| Not Identifiable | 3 | | | | | | | | | | | |
| | 2 | Central City Status Code | All | <table border="0"> <tr><td>Central City</td><td>1</td></tr> <tr><td>Balance of SMSA</td><td>2</td></tr> <tr><td>Non SMSA</td><td>3</td></tr> <tr><td>Not Identifiable</td><td>4</td></tr> </table> | Central City | 1 | Balance of SMSA | 2 | Non SMSA | 3 | Not Identifiable | 4 |
| Central City | 1 | | | | | | | | | | | |
| Balance of SMSA | 2 | | | | | | | | | | | |
| Non SMSA | 3 | | | | | | | | | | | |
| Not Identifiable | 4 | | | | | | | | | | | |
| | 3 | Blank | | | | | | | | | | |
| | 4 | SMSA Size (From M.S.T. - reflecting 1970 Census Population) | All | <table border="0"> <tr><td>3 million</td><td>1</td></tr> <tr><td>1 million-2,999,999</td><td>2</td></tr> <tr><td>Not Identifiable</td><td>Blank</td></tr> </table> | 3 million | 1 | 1 million-2,999,999 | 2 | Not Identifiable | Blank | | |
| 3 million | 1 | | | | | | | | | | | |
| 1 million-2,999,999 | 2 | | | | | | | | | | | |
| Not Identifiable | Blank | | | | | | | | | | | |

-more-

Word Char. Characteristic Universe Description

| | | | | |
|----|---|----------------------|-----|-----------------------------|
| 26 | 5 | Item 101 - ETHNICITY | All | 1 Mexican American |
| | | | | 2 Chicano |
| | | | | 3 Mexican (Mexicano) |
| | | | | 4 Puerto Rican |
| | | | | 5 Cuban |
| | | | | 6 Central or South American |
| | | | | 7 Other Spanish |
| | | | | 8 All other |
| | | | | 9 Don't know |
| | | | | A NA |

6 PADDING

| | | | | |
|----|-----|----------------------|-----|--------------------|
| 27 | 1-2 | Weighting Age Recode | All | 01 16-15 Years old |
| | | | | 02 16-17 |
| | | | | 03 18-19 |
| | | | | 04 20-21 |
| | | | | 05 22-24 |
| | | | | 06 25-29 |
| | | | | 07 30-34 |
| | | | | 08 35-39 |
| | | | | 09 40-44 |
| | | | | 10 45-49 |
| | | | | 11 50-54 |
| | | | | 12 55-59 |
| | | | | 13 60-64 |
| | | | | 14 62-64 |
| | | | | 15 65-69 |
| | | | | 16 70-74 |
| | | | | 17 75+ |

-more-

Attachment A

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

-more-

Attachment A

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

-more-

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

-more-

060

414

Attachment A

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

-more-

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Attachment A

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

-more-

Attachment A

Description

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

-more-

Attachment A

| Word | Char. | Characterizable | Universes | Major Activity | Description | |
|------|-------|---------------------------|-----------|--------------------|-------------|-------|
| | | | | | Age School | Other |
| 35 | 1-2 | Major Activity Ages 16-24 | All | | | |
| | | | | 1 | 2 | 3 |
| | | | | 4 | 5 | 6 |
| | | | | 7 | 8 | 9 |
| | | | | 10 | 11 | 12 |
| | | | | 13 | 14 | 15 |
| | | | | 16 | 17 | 18 |
| | | | | 19 | 20 | 21 |
| | | | | 22 | 23 | 24 |
| | | | | 25 | 26 | 27 |
| | | | | 28 | 29 | 30 |
| | | | | All Others | | |
| | | | | Less than 55 years | | |
| | | | | 55 years | | |
| | | | | 56 " | | |
| | | | | 57 " | | |
| | | | | 58 " | | |
| | | | | 59 " | | |
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| | | | | 64 " | | |
| | | | | 65 " | | |
| | | | | 66 " | | |
| | | | | 67 " | | |
| | | | | 68 " | | |
| | | | | 69 " | | |
| | | | | 70 " | | |
| | | | | 71 " | | |
| | | | | 72 " | | |
| | | | | 73 " | | |
| | | | | 74 " | | |
| | | | | 75+ | | |

All

Age 4

-MOTO-

Attachment A

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

-more-

Word Char. Characteristic

Unemployed

REGISTRATION

36 5-6 Major Industry (II)

Civ. Labor Force

- Never Worked 00
- Agriculture 01
- Mining 02
- Construction 03
- Manufacturing 04
- Durable goods 05
- Nondurable goods
- Transportation and public utilities

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

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

- Postal 06
- Other transportation 07
- Other utilities 08
- Wholesale and retail trade 09
- Wholesale trade 10
- Retail trade 11
- Finance, insurance, and real estate 12
- Private household service 13
- Miscellaneous service 14
- Business and repair 15
- Personal, except private household 16
- Entertainment and recreation 17
- Medical, except hospitals 18
- Hospitals 19
- Welfare and religious 20
- Education 21
- Other professional services 22
- Forestry and fisheries
- Public administration (AF)

Attachment A

Word Chr. Characteristic

37 1-2 BLANK

Universe

Description

| Word | Chr. | Characteristic | Universe | Description | EMP | UNEMP |
|------|------|--|---------------------|---|-------------|----------------|
| 3-4 | 1-4 | Class of worker Employed-Unemployed | Civ. Labor Force | Private Government (Federal, Local, and State) Self-employed Unpaid family Member Worked | 01 02 03 04 | 05 06 07 08 00 |

-more-

Attachment A

| Word | Char. | Characteristic | Universe | Description |
|------|-------|--------------------|------------------|---|
| 37 | 5-6 | Major Industry (1) | Civ. Labor Force | <p>Agriculture, Private Household workers & hover worked 00</p> <p>Mining 01</p> <p>Construction 02</p> <p>Manufacturing 03</p> <p>Durable goods 04</p> <p>Transportation and public utilities 05</p> <p>Postal 06</p> <p>Other transportation 07</p> <p>Wholesale and retail trade 08</p> <p>Wholesale trade 09</p> <p>Retail trade 10</p> <p>Finance, insurance, and real estate 11</p> <p>Miscellaneous services 12</p> <p>Business and repair 13</p> <p>Personal, except private household 14</p> <p>Entertainment and recreation 15</p> <p>Medical, except hospitals 16</p> <p>Hospitals 17</p> <p>Welfare and religious 18</p> <p>Education 19</p> <p>Other professional services 20</p> <p>Forestry and fisheries 21</p> <p>Public administration 22</p> |

1/2/ See page 33

-more-

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

3/ Starting in January, 1963, "Ordinances" was combined with "fabricated metals."

-more-

Attachment A

| Word | Char. | Character-Info | Univ. Code | Description |
|------|-------|--------------------------|------------------|---|
| 30 | 1-2 | Detailed Industry (Cont) | Civ. Labor Force | Service-producing industries |
| | | | | Transportation and public utilities |
| | | | | Postal |
| | | | | Other transportation |
| | | | | Communications |
| | | | | Other public utilities |
| | | | | Trade |
| | | | | Wholesale |
| | | | | Retail |
| | | | | Eating and drinking places |
| | | | | Other retail |
| | | | | Finance, insurance, and real estate |
| | | | | Banking and other finance |
| | | | | Insurance and real estate |
| | | | | Private household service |
| | | | | Miscellaneous services |
| | | | | Husbands and repair |
| | | | | Business |
| | | | | Repair |
| | | | | Personal services, except private household |
| | | | | Entertainment and recreation |
| | | | | Professional services |
| | | | | Medical, except hospitals |
| | | | | Hospitals |
| | | | | Welfare and religious |
| | | | | Educational |
| | | | | Other professional |
| | | | | Forestry and fisheries |
| | | | | Public administration |
| | | | | Armed Forces |
| | | | | Other federal |
| | | | | State |
| | | | | Local |

1/2

1/2 See page 33.

070

-more-

| Naval Char. | Characteristic | Unlabeled | Description |
|-------------|----------------|-----------|-------------|
|-------------|----------------|-----------|-------------|

| | | | |
|----|-----|---------------|---|
| 30 | 3-6 | DLANK | |
| 39 | 1-2 | Manufacturing | <p>Never worked or not Hfg. Incl. 00</p> <p>Durable goods</p> <p>Lumber 02</p> <p>Furniture 03</p> <p>Stone, clay, glass 04</p> <p>Primary metals 05</p> <p>3/ Fabricated metals (Incl. not spec. metal) 06</p> <p>Machinery, exc. elect. 07</p> <p>Electrical equipment 08</p> <p>Transportation equipment 09</p> <p>Automobiles 10</p> <p>Aircraft</p> <p>Other transportation equipment 11</p> <p>Instruments 12</p> <p>Miscellaneous 13</p> |

Civ. Labor Force

3/ See page 36.

-more-

Attachment A

| Word | Char. | Characteristic | Universe | Description | |
|------|-------|-------------------------------------|------------------|---|--|
| 39 | 1-2 | Manufacturing (Cont.) | Civ. Labor Force | Non-durable goods Food Tobacco Textiles Apparel Paper Printing Chemicals Petroleum Rubber and plastic leather and not specified manufacturing | 14 15 16 17 18 19 20 21 22 23 |
| 3-6 | | Nonman not at work or hours at work | All | Unemployed and MILF With a job but not at work Illness Vacation Bad weather Labor dispute All other At work 1-4 hours 5-14 hours 15-21 hours 22-29 hours 30-36 hours 35-39 hours 40 hours 41-47 hours 48 hours 49-59 hours 60 hours or more | 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 |

-more-

| Attachment A | | Description | |
|--------------|-------|---|--|
| Code | Char. | Unlabeled | Description |
| 39 | 5-6 | ESR = 1 (Person's at work) and 20A is less than 35 | Usually full time, part time for noneconomic reasons Usually work full time, part time for economic reasons 1-4 hours 5-14 hours 15-29 hours 30-36 hours Usually work part time, economic reasons 1-4 hours 5-14 hours 15-29 hours 30-36 hours Usually work part time, noneconomic reasons 1-4 hours 5-14 hours 15-29 hours 30-36 hours |
| 40 | 1-2 | ESR = 1 (At Work) and 20A is less than 35 | Not in Unlabeled Usually work full time Block work Material shortages; plant or machine repair New job started Job terminated Holiday Labor dispute Bad weather On illness On vacation All other |

-more-

Attachment A

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

Characteristic

Universe

Description

Edited Earnings Items (outgoing rotations only)

| Word | Char. | Characteristic | Universe | Description |
|-----------|-------|--|--|--|
| 43 and 44 | ALL | Earnings Weight for ALL Races | Eligible for Earnings 1/ | Two implied decimal places, right justified, space filled |
| 45 and 46 | ALL | Earnings Weight for Spanish | Eligible for Earnings 1/ and Ethnicity = Spanish | Two implied decimal places, right justified, space filled |
| 47 and 48 | ALL | PADDING | | |
| 49 | 1 | Eligibility Flag 1/ | ALL | Not eligible Eligible |
| 50 | 2-3 | 125A (Edited) - Usual hours worked per week? | Eligible | Hours worked 00-99 |
| 51 | 4 | 125B (Edited) - Paid by hour? | Eligible | Yes No |
| 52 | 5-6 | 125C (Edited) - Earnings per hour? | 125D (Edited) = 1 | Earnings per hour (2 implied decimal places) 0000-9999 |
| 53 | 1-2 | 125D (Edited, computed) 2/ | Eligible | Earnings per week 000-999 |

1/- One of the following conditions must be met for a person to be in the universe:

- (1) If outgoing rotation (wd. 1, ch. 2=4 or 0) and ESR 1 or 2 (wd. 19, ch. 1=1 or 2) and edited item 23E is private (wd. 15, ch. 3=1) and unedited item 23E is blank, private, or government (wd. 53, ch. 6/5, 6, 7, or 0)
 - (2) If outgoing rotation and ESR 1 or 2 and edited item 23E is Government (wd. 15, ch. 3=2)
- 2/- For hourly workers, computed 25A X 25C value appears here. For weekly workers, edited 25D value appears here. This field is used for tabulation purposes for weekly workers.

| Word | Char. | Characteristic | Universe | Description | Yes No |
|------|-------|---------------------------------------|---------------------------------------|---|---------|
| 50 | 6 | Item 25E-Member of union? (Edited) | 49:1=1 | | 1 |
| 51 | 1 | 125A Allocation Flag | Eligible | 125A not allocated 125A allocated | 1 |
| | 2 | 125B Allocation Flag | Eligible | 125B not allocated 125B allocated | 1 |
| | 3 | 125C Allocation Flag | 125D (Edited) = 1 | 125C not allocated 125C allocated | 1 |
| | 4 | 125D Allocation Flag | Eligible | 125D not allocated 125D allocated | 1 |
| | 5 | 125 (Edited) Interviewer Check Item | ESR 1 or 2 and 23E = P, F, S, or L | (Not in Universe) Month-in-sample 1, 2, 3, 5, 6, or 7 Month-in-sample 4 or 8 | 1 |
| | 6 | 123F (Edited) Interviewer Check Item | ALL | (Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 123E Entry (or NA) in 121D and P, F, S, or L in 123E | 1 |
| 52 | 1-3 | 125D (Edited) - Usual weekly earnings | 3/ | Weekly Earnings | 000-999 |
| 52 | 4 | Item 25F-covered by union contract? | WD9:1=1 | | 1 |
| | 5 | Item 25E Allocation Flag | and 50:6=2 Eligible | | 2 |
| | 6 | Item 25F Allocation Flag | 125E=No | | 1 |

3/ Reported 25D value appears here for an hourly worker. If 25D was blank for weekly workers. This field is used for 25A & 25C computed value appears here. This field is blank for hourly workers. This field is used for tabulation purposes for hourly workers.

Word Char. Characteristic Universe Description

Basic CPS Allocation Flags

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

Not Allocated
, Allocated

Word Char. Characteristic Universe Description

| Word | Char. | Characteristic | Universe | Description |
|------|-------|---------------------------|----------|----------------------------|
| 56 | 1 | 20A | All | Not Allocated Allocated |
| | 2 | 20C | | |
| | 3 | 21A | | |
| | 4 | 21B | | |
| | 5 | 21C | | |
| | 6 | 22C | | |
| 57 | 1 | 22D | All | Not Allocated Allocated |
| | 2 | 22F | | |
| | 3 | 24A | | |
| | 4 | 24B | | |
| | 5 | 24C | | |
| | 6 | 24D | | |
| 58 | 1 | 22A | All | Not Allocated Allocated |
| | 2 | 22E | | |
| | 3 | 18A | | |
| | 4 | 22B | | |
| | 5 | 24E | | |
| | 6 | Geographic Identification | | |

-more-

Word Char. Characteristic Universe Description

Unedited Basic CPS Transcription Items 1/

| Item 27 | Item 28 | Item 29A | Item 29B | Item 29C | Item 29D | Item 29E | Item 29F | Item 29G | Item 29H | Item 29I | Item 29J | Item 29K | Item 29L | Item 29M | Item 29N | Item 29O | Item 29P | Item 29Q | Item 29R | Item 29S | Item 29T | Item 29U | Item 29V | Item 29W | Item 29X | Item 29Y | Item 29Z |
|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Item 27 | Item 28 | Item 29A | Item 29B | Item 29C | Item 29D | Item 29E | Item 29F | Item 29G | Item 29H | Item 29I | Item 29J | Item 29K | Item 29L | Item 29M | Item 29N | Item 29O | Item 29P | Item 29Q | Item 29R | Item 29S | Item 29T | Item 29U | Item 29V | Item 29W | Item 29X | Item 29Y | Item 29Z |

Owned or being bought
 Rented
 No cash rent
 No entry

Under \$5,000
 \$5,000 - 7,499
 \$7,500 - 9,999
 \$10,000 - 12,499
 \$12,500 - 14,999
 \$15,000 - 17,499
 \$17,500 - 19,999
 \$20,000 - 24,999
 \$25,000 - 29,999
 \$30,000 - 34,999
 \$35,000 - 39,999
 \$40,000 - 49,999
 \$50,000 - 74,999
 \$75,000 and Over

All
 All
 All
 I-29a=
 No
 I-29a=
 Yes
 or
 I-29b=
 Yes

Blank
 Yes
 No
 Blank
 Yes
 No
 Blank
 Yes
 No

0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 A
 B
 C
 D
 Blank

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

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

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

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

--more--

Word Char. Characteristic Universe Description

59 }
 thru }
 60 }
 PADDING

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

-more-

ATTACHMENT A

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

61 4-5 Class of Worker II (Detailed) Same as I23E (Exc. Never worked)

- 01 Agriculture
- 02 Wage & Salary
- 03 Private
- 04 Government
- 05 Self-Employed
- 06 Unpaid Family
- 07 Non-Agriculture
- 08 Wage & Salary
- 09 Private Industry
- 10 Private Household
- 11 Other Private
- 07 Government
- 08 Federal
- 09 State
- 10 Local
- 11 Self-Employed
- Unpaid Family

61 6 Major Occupation Same as I23E

- 01 Managerial & Professional
- 02 Executive, admn. & managerial
- 03 Professional specialty
- 04 Technical, sales & admin. support
- 05 Technicians & related support
- 06 Sales
- 07 Administrative support, incl. clerical
- 08 Service
- 09 Private household
- 10 Protective service
- 11 Other service
- 12 Precision production, craft and repair
- 13 Operators, fabricators & laborers
- 14 Machine operators, assemblers & inspectors
- 15 Transportation & material moving
- 16 Handlers, equip. cleaners, etc.
- 17 Farming, forestry & fishing
- 18 Armed forces
- 19 No previous experience - Never worked

more

62 2-3 Major Industry

Same as 123E
(Exc. Never
worked)

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

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

ATTACHMENT A (Interview Adults)

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

NORD CHAR. CHARACTERISTIC

UNIVERSE

VALUES

62 4-5 Detailed Occupation (cont'd)

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

VALUES

ATTACHMENT A

WORD CHAR. CHARACTERISTIC

UNIVERSE

DESCRIPTION

| WORD | CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|------|-------|-------------------|--------------|----------------------------------|--------|
| 62 | 6 | Detailed Industry | Same as I23E | Never Worked | 00 |
| 63 | 1 | | | Goods-producing industries | 01 |
| | | | | Agriculture | 02 |
| | | | | Agricultural services | 03 |
| | | | | Other agricultural | 04 |
| | | | | Mining | |
| | | | | Construction | |
| | | | | Manufacturing | |
| | | | | Durable Goods | |
| | | | | Lumber & wood products, | 05 |
| | | | | except furniture | 06 |
| | | | | Furniture & fixtures | |
| | | | | Stone, clay, glass & | |
| | | | | concrete products | 07 |
| | | | | Metal industries | |
| | | | | Primary metals | 08 |
| | | | | Fabricated metals | 09 |
| | | | | Not specified metals | 10 |
| | | | | Machinery, exc. electrical | 11 |
| | | | | Electrical machinery, equip. & | |
| | | | | supplies | 12 |
| | | | | Transportation equipment | |
| | | | | Motor vehicles & equipment | 13 |
| | | | | Other transportation equip. | |
| | | | | Aircraft & parts | 14 |
| | | | | Other trans. equip. | 15 |
| | | | | Professional & photo equip. | 16 |
| | | | | Toys, amusement & sporting goods | 17 |
| | | | | Misc. & nec mfg. industries | 18 |
| | | | | Handicraft goods | |
| | | | | Food & kindred products | 19 |
| | | | | Tobacco manufacturing | 20 |
| | | | | Textile mill products | 21 |
| | | | | Apparel & other finished | |
| | | | | textile products | 22 |
| | | | | Paper & allied products | 23 |
| | | | | Printing, publishing & | |
| | | | | allied industries | 24 |
| | | | | Chemicals & allied products | 25 |
| | | | | Petroleum & coal products | 26 |
| | | | | Rubber & misc. plastics | 27 |
| | | | | Leather & leather products | 28 |

-more-

CHARACTERISTIC

UNIVERSE

VALUES

Detailed Industry (cont'd)

| ORD | CHAR. | UNIVERSE | DESCRIPTION | VALUES |
|-----|-------|--------------|--|--------|
| 62 | 6 | Same as 123E | Service-producing industries | 29 |
| 63 | 1 | | Transportation, communication & other public utilities | |
| | | | Transportation & other public utilities | |
| | | | Communications & other public utilities | |
| | | | Communications | 30 |
| | | | Utilities & sanitary serv., | 31 |
| | | | Wholesale & retail trade | 32 |
| | | | Wholesale trade | 33 |
| | | | Retail trade | |
| | | | Finance, insurance & real estate | |
| | | | Banking & other finance | 34 |
| | | | Insurance & real estate | 35 |
| | | | Services | |
| | | | Private household | 36 |
| | | | Misc. services | |
| | | | Business & repair serv. | |
| | | | Business services | 37 |
| | | | Repair services | 38 |
| | | | Personal services, exc. private household | 39 |
| | | | Entertainment & recreation | 40 |
| | | | Professional & related serv. | |
| | | | Hospitals | 41 |
| | | | Health serv., exc. hospitals | 42 |
| | | | Educational services | 43 |
| | | | Social services | 44 |
| | | | Other professional serv. | 45 |
| | | | Forestry & fisheries | 46 |
| | | | Public administration | |
| | | | Justice, public order & safety | 47 |
| | | | Admin. of human resource programs | 48 |
| | | | National security & internal affairs | 49 |
| | | | Other public administered | 50 |
| | | | Armed Forces | 51 |

ATTACHMENT A

| WORD CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|----------------|-------------------------------------|----------------------------------|-------------------------|---------|
| 63 2-4 | Item 230 - INDUSTRY (1980 Edited) | Same as 123E (Exc. Never Worked) | 3-digit Industry Code | 010-991 |
| 63 5-6 64 1 | Item 23C - OCCUPATION (1980 Edited) | Same as 123E (Exc. Never Worked) | 3-digit Occupation Code | 003-905 |
| 64 2-6 | PADDING | | | |

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

ATTACHMENT A (Interview Adults)

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

| 65 | 1-2 | Item 16A - LINE NUMBER | ALL | Line Number | 01-39 |
|----|-----|---|-----|---|--|
| 3 | 3 | Item 10B - RELATIONSHIP TO REFERENCE PERSON | ALL | Reference Person with other relatives in household Reference Person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household | 1 2 3 4 5 6 7 8 9 A |

| 4-5 | 6 | Item 10C - PARENT'S LINE NUMBER | ALL | None Parent's line number | 00 01-39 |
|-----|-----|---------------------------------|-----|------------------------------|-------------|
| 66 | 1-2 | Item 18D - AGE | ALL | Age in Years | 14-99 |

| 3 | 4-5 | Item 18E - MARITAL STATUS | ALL | Married-Civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married | 1 2 3 4 5 6 7 |
|---|-----|---------------------------------|-----|--|---------------------------------|
| 6 | 6 | Item 18F - SPOUSE'S LINE NUMBER | ALL | None Spouse's line number | 00 01-39 |
| | | Item 18G - SEX | ALL | Male Female | 1 2 |

ATTACHMENT A (Interview Adults)

| HORD CHAR. | CHARACTERISTIC | UNIVENSE | DESCRIPTION | VALUES |
|------------|---|----------|---|--|
| 67 1 | Item 18G - VETERAN STATUS | SEX=MALE | Vietnam Era Korean War World War II World War I Other Service Nonveteran | 1 2 3 4 5 6 |
| 2-3 | Item 18H - HIGHEST GRADE (of school) ATTENDED | All | None E1 E2 E3 E4 E5 E6 E7 F0 H1 H2 H3 H4 C1 C2 C3 C4 C5 C6+ | 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 |
| 4 | Item 18I - GRADE COMPLETED | All | Yes No | 1 2 |
| 5 | Item 18J - RACE | All | White Black Other | 1 2 3 |
| 6 | PADDING | | | |

ATTACHMENT A (Interview Adults)

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

ATTACHMENT A (Interview Adults)

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

ATTACHMENT A (Interview Adults)

| WORD CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|------------|--|----------|---|---------------------------------|
| 172 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 |
| 73 1 | PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS | ALL | Not in Primary Family No One Employed - Some Employed - No Wage and Salary Workers With: 1, Wage and Salary Workers Husband, Wife or Reference Person Self-Employed With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed; Other Household Member Self-Employed With Wage and Salary Workers Only | 0 1 2 3 4 5 |
| 2 | USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS | ALL | Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time | 0 1 2 3 4 |
| 3 | LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER | ALL | Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces | 0 1 2 3 4 5 6 |
| 4 | LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER | ALL | Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces | 0 1 2 3 4 5 6 |
| 5 | NUMBER OF EARNERS IN PRIMARY FAMILY | ALL | Not in Primary Family No Earners 1-0 Earners 9+ Earners | 0 0 1-0 9 |

ATTACHMENT A (Interview Adults)

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

ATTACHMENT A (Interview Adults)

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

-End of Basic CPS Record-

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

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

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

-more-

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

-more-

| Word | Char. | Characteristics | Universe | Description |
|------|-------|---|----------|------------------------------------|
| 3 | 5-6 | State (not digit of State Code in Division Code) (From M.S.T.) (Gr 11) | All | |
| | | | | <u>East North Central Division</u> |
| | | | | Ohio 31 |
| | | | | Indiana 32 |
| | | | | Illinois 33 |
| | | | | Michigan 34 |
| | | | | Wisconsin 35 |
| | | | | <u>West North Central Division</u> |
| | | | | Minnesota 41 |
| | | | | Iowa 42 |
| | | | | Missouri 43 |
| | | | | North Dakota 44 |
| | | | | South Dakota 45 |
| | | | | Nebraska 46 |
| | | | | Kansas 47 |
| | | | | <u>South Atlantic Division</u> |
| | | | | Delaware 51 |
| | | | | Maryland 52 |
| | | | | District of Columbia 53 |
| | | | | Virginia 54 |
| | | | | West Virginia 55 |
| | | | | North Carolina 56 |
| | | | | South Carolina 57 |
| | | | | Georgia 58 |
| | | | | Florida 59 |
| | | | | <u>East South Central Division</u> |
| | | | | Kentucky 61 |
| | | | | Tennessee 62 |
| | | | | Alabama 63 |
| | | | | Mississippi 64 |

-more-

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

-more-

| Word | Code | Characteristic | Universe | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------------------------------|----------|---|------------|----|----------|----|--------------|----|-------|----|----------|----|------|----|----------|----|------------|----|---------|----|---------------|----|---------|----|----------------|----|----------|----|----------|----|---------|----|-----------|----|-----------|----|----------|----|-----------|----|-----------|----|---------|----|------------|----|----------|----|-------------|----|------|----|----------------|----|----------|----|--------|----|-------------|----|----------|----|
| 4 | 1-2 | State Bankings (From H.S.T.) | All | <p style="text-align: right;"><u>1970 Ranking</u></p> <table border="0"> <tr><td>California</td><td>01</td></tr> <tr><td>New York</td><td>02</td></tr> <tr><td>Pennsylvania</td><td>03</td></tr> <tr><td>Texas</td><td>04</td></tr> <tr><td>Illinois</td><td>05</td></tr> <tr><td>Ohio</td><td>06</td></tr> <tr><td>Michigan</td><td>07</td></tr> <tr><td>New Jersey</td><td>08</td></tr> <tr><td>Florida</td><td>09</td></tr> <tr><td>Massachusetts</td><td>10</td></tr> <tr><td>Indiana</td><td>11</td></tr> <tr><td>North Carolina</td><td>12</td></tr> <tr><td>Missouri</td><td>13</td></tr> <tr><td>Virginia</td><td>14</td></tr> <tr><td>Georgia</td><td>15</td></tr> <tr><td>Wisconsin</td><td>16</td></tr> <tr><td>Tennessee</td><td>17</td></tr> <tr><td>Maryland</td><td>18</td></tr> <tr><td>Minnesota</td><td>19</td></tr> <tr><td>Louisiana</td><td>20</td></tr> <tr><td>Alabama</td><td>21</td></tr> <tr><td>Washington</td><td>22</td></tr> <tr><td>Kentucky</td><td>23</td></tr> <tr><td>Connecticut</td><td>24</td></tr> <tr><td>Iowa</td><td>25</td></tr> <tr><td>South Carolina</td><td>26</td></tr> <tr><td>Oklahoma</td><td>27</td></tr> <tr><td>Kansas</td><td>28</td></tr> <tr><td>Mississippi</td><td>29</td></tr> <tr><td>Colorado</td><td>30</td></tr> </table> | California | 01 | New York | 02 | Pennsylvania | 03 | Texas | 04 | Illinois | 05 | Ohio | 06 | Michigan | 07 | New Jersey | 08 | Florida | 09 | Massachusetts | 10 | Indiana | 11 | North Carolina | 12 | Missouri | 13 | Virginia | 14 | Georgia | 15 | Wisconsin | 16 | Tennessee | 17 | Maryland | 18 | Minnesota | 19 | Louisiana | 20 | Alabama | 21 | Washington | 22 | Kentucky | 23 | Connecticut | 24 | Iowa | 25 | South Carolina | 26 | Oklahoma | 27 | Kansas | 28 | Mississippi | 29 | Colorado | 30 |
| California | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New York | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Texas | 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois | 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio | 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Michigan | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Jersey | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Florida | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indiana | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North Carolina | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Missouri | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wisconsin | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tennessee | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maryland | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minnesota | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Louisiana | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alabama | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Washington | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kentucky | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connecticut | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iowa | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| South Carolina | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oklahoma | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kansas | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mississippi | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colorado | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

-more-

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

-more-

Word Char: Characteristic

Universe

Description

3-4 SISA Bankings (From H.S.T.) SISA's

1970 Ranking

| | |
|--|----|
| Not on SISA and all other SISA's | 00 |
| New York, N.Y. | 01 |
| Los Angeles-Long Beach, Calif. | 02 |
| Chicago, Ill. | 03 |
| Philadelphia, Pa.- N.J. | 04 |
| Detroit, Mich. | 05 |
| San Francisco-Oakland, Calif. | 06 |
| Washington, D.C.-N.Va. | 07 |
| Boston, Mass. | 08 |
| Houston-Suffolk, N.Y. | 09 |
| Pittsburgh, Pa. | 10 |
| St. Louis, Mo.-Ill. | 11 |
| Baltimore, Md. | 12 |
| Cleveland, Ohio | 13 |
| Houston, Texas | 14 |
| Newark, N.J. | 15 |
| Minneapolis-St. Paul, Minn. | 16 |
| Dallas, Texas | 17 |
| Seattle-Everett, Wash. | 18 |
| Anaheim-Santa Ana-Garden Grove, Calif. | 19 |
| Milwaukee, Wis. | 20 |
| Atlanta, Ga. | 21 |
| Cincinnati, Ohio-Ky. | 22 |
| Pateron-Clifton-Passaic, N.J. | 23 |
| San Diego, Calif. | 24 |
| Ruffalo, N.Y. | 25 |
| Miami, Fla. | 26 |
| Kansas City, Mo.-Kan. | 27 |
| Denver, Colo. | 28 |
| San Bernardino-Riverside-Ontario, Calif. | 29 |

-more-

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

-more-

| Word | Char. | Characteristic | Unlabeled | Description |
|------|-------|--------------------------------|-----------|--|
| 5 | 1-3 | Blank | | |
| | 4-6 | Item 10 - INTERVIEWER CODE | All | |
| 6 | 1 | Item 12 - LINE NO. WOULD RESP. | All | Blank or Impossible in any digit |
| | 2 | Item 13 - TYPE INTERVIEW | All | Blank or Impossible |
| | 3-6 | Item 11 - DATE COMPLETED | All | Non W'ld Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled |
| 7 | 5-6 | PADDING | | |
| | 1-5 | PADDING | | |
| | 6 | BLANK | | Day of Month |

--NA, or
APP-1799
(Excluding I---)

1-6
7
2
3
4
5

-- or
10-29

-more-

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

- INFO -

Word Char. Characteristic Universe Description

0 5 Blank

6 Item 9 - HOUSEHOLD NUMBER All

1-8

9 1 } PADDITIO
Through
16 3 }

-more-

| Item | Char. | Characteristic | Universe | Description |
|------|-------|---|------------------------|--|
| 6 | 4-5 | Item 10A - LINE NUMBER | All | |
| 6 | 6 | Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Final Edited Recoded - using Relationship to Reference Person (See word 18, char. 6 for expanded version) | Child (0-13 Years) | Other relative of head (includes own child/brother/sister/other relative) 4 Non-relative-own relatives in household 5 Non-relative-no own relatives in household 6 |
| 7 | 1-2 | Item 10D - AGE | Child (0-13 Years) | 00-13 |
| | 3 | PADDING | | |
| | 4 | Item 10J - RACE (Recode) | All | White 1 Black 2 Other 3 |
| | 5 | Item 10G - SEX | All | Male 1 Female 2 |
| | 6 | PADDING | | |
| | 1-3 | PADDING | | |
| | 4 | Program Signal | All | 1 Child in household 2 or more children in household |
| | 5 | Blank | | |
| | 6 | Item 10D - Relationship to head of household-expanded - (Edited using Head's and child's Relationship to Reference Person) | Child (0-13 years old) | Own Child 1 Brother/Sister 2 Other relative 3 Non-relative - own relatives in household 4 Non-relatives-no own relatives in household 5 |

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| Row | Character | Characteristics | Universe | Description |
|-----|-----------|--|------------------------|--|
| 19 | 1-2 | PADDING | | |
| | 3 | FLAG | Children 0-13 years -- | (NOTE: '0' or '1' in this position on Adult records as household indicator on non-interview records or principal person indicator on interview records.) |
| | 4-6 | Document Count (Within Work Unit) | All | 001-999 |
| 20 | 1-3 | Work Unit Number (From Breaker Sheet) | All | 001 or Δ01-99 9XX Assigned |
| | 4-5 | Months | All | 01-12 |
| | 6 | Year - Last Digit | All | 0-9 |
| 21 | All | Final Weight | All | |
| 22 | 1-6 | PADDING | | |

Two Understood Decimal Places.
(Right Justified, space fill -01)

| Word | Chart | Character/Field | Universe | Description |
|------|-------|---|----------|---|
| 24 | 1-6 | PADDING | | |
| 25 | 1-2 | Blank | | |
| | 3 | PADDING | | |
| | 4-6 | Blank | | |
| 26 | 1 | SMSA Status Code | All | SMSA 1 Non SMSA 2 Not Identifiable 3 |
| | 2 | Central City Status Code | All | Central City 1 Balance of SMSA 2 Non SMSA 3 Not Identifiable 4 |
| | 3 | Blank | | |
| | 4 | SMSA Size (From H.S.T. - reflecting 1970 Census Population) | All | 3 million 1 1 million-2,999,999 2 Not Identifiable Blank |

-more-

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

-more-

Word Char. Characteristic Universe Description

| Item | Char. | Characteristic | Universe | Description | Owned or being bought | 6 |
|------|-------|----------------|--|-------------|-----------------------|-------|
| 59 | 1 | Item 27 | Unedited basic CPS Transcription Items 1/ Temuro (Unedited) | All | Rented | 7 |
| 59 | 2 | Item 28 | Total Family Income (Unedited) | All | No cash rent | 0 |
| | | | | | No entry | Blank |
| | | | | | Under \$5,000 | 0 |
| | | | | | \$5,000 - 7,499 | 1 |
| | | | | | \$7,500 - 9,999 | 2 |
| | | | | | \$10,000 - 12,499 | 3 |
| | | | | | \$12,500 - 14,999 | 4 |
| | | | | | \$15,000 - 17,499 | 5 |
| | | | | | \$17,500 - 19,999 | 6 |
| | | | | | \$20,000 - 24,999 | 7 |
| | | | | | \$25,000 - 29,999 | 8 |
| | | | | | \$30,000 - 34,999 | 9 |
| | | | | | \$35,000 - 39,999 | A |
| | | | | | \$40,000 - 49,999 | B |
| | | | | | \$50,000 - 74,999 | C |
| | | | | | \$75,000 and Over | D |
| | | | | | No Entry | Blank |
| | | | | | Blank | - |
| | | | | | Yes | 1 |
| | | | | | No | 2 |
| | | | | | Blank | - |
| | | | | | Yes | 1 |
| | | | | | No | 2 |
| | | | | | Blank | - |
| | | | | | Yes | 1 |
| | | | | | No | 2 |
| | | | | | Blank | - |
| | | | | | Yes | 1 |
| | | | | | No | 2 |
| | | | | | Blank | - |
| | | | | | Yes | 1 |
| | | | | | No | 2 |

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

64 thru 66

ATTACHMENT E (Interview Children)

| WORD CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|------------|---|----------|---|-----------------------|
| 65 | 1-2 Item 10A - LINE NUMBER | All | Line Number | 01-39 |
| 3 | Item 10B - RELATIONSHIP TO REFERENCE PERSON | All | Own child Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household | 5 7 8 9 A |
| 4-5 | Item 10C - PARENT'S LINE NUMBER | All | None Parent's line number | 00 01-39 |
| 6 | PADDING | | | |
| 66 | 1-2 Item 10D - AGE | All | AGE in Years | 00-13 |
| 3-5 | PADDING | | | |
| 6 | Item 10E - SEX | All | Male Female | 1 2 |
| 67 | 1-4 PADDING | | | |
| 5 | Item 10J - RACE | All | White Black Other | 1 2 3 |
| 6 | PADDING | | | |

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

ATTACHMENT B (Interview Children)

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

ATTACHMENT E (Interview Children)

| WORD | CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|------|-------|--|----------|---|--|
| 73 | 6 | NUMBER OF UNEMPLOYED IN PRIMARY FAMILY | ALL | Not in Primary Family No Unemployed 1-8 Unemployed 9+ Unemployed | 0 0 1-8 9 |
| 74 | 1 | HOUSEHOLD TYPE | ALL | Husband/Wife Primary Family - (Neither Husband or Wife in Armed Forces) Husband/Wife Primary Family - (Husband and/or Wife in Armed Forces) Unmarried Civilian Male Primary Family Householder Unmarried Civilian Female Primary Family Householder Primary Family Household - Reference Person in Armed Forces and Unmarried Civilian Male Primary Individual Civilian Female Primary Individual Primary Individual Household - Reference Person in Armed Forces Group quarters | 1 2 3 4 5 6 7 8 9 |
| 2 | | NUMBER OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY | ALL | Not in Primary Family No Children 1 Child 2 Children 3 Children 4 Children 5 Children 6 Children 7 Children 0+ Children | 0 1 2 3 4 5 6 7 8 9 |
| 3 | | PRESENCE OF OWN CHILDREN LESS THAN 16 IN PRIMARY FAMILY | ALL | Not in Primary Family No Children < 16 Years Old All Children 14-17 Years Old All Children 6-13 Years Old All Children 0-5 Years Old Children 14-17 and 6-13 (No Children 0-5) Children 14-17 and 0-5 (No Children 6-13) Children 6-13 and 0-5 (No Children 14-17) Children from all Age Groups | 0 1 2 3 4 5 6 7 8 |
| 4 | | PRIMARY FAMILY RELATIONSHIP | ALL | Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person | 0 1 2 3 4 5 |

ATTACHMENT E (Interview Children)

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

***** EID OF ATTACHMENT E *****

CURRENT POPULATION SURVEY
 NONINTERVIEW TYPE A RECORD LAYOUT
 FOR STANDARD TAPE COPIES
 (BEGINNING JANUARY 1984)

Attachment

Page 1

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

-more-

Attachment B

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

-more-

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

-more-

| Word | Char. | Characteristic | Universe | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------|--|----------|--|------------|----|--------------|----------|----|--|--------------|----|--|-------|----|--|----------|----|--|------|----|--|----------|----|--|------------|----|--|---------|----|--|---------------|----|--|---------|----|--|----------------|----|--|----------|----|--|----------|----|--|---------|----|--|-----------|----|--|-----------|----|--|----------|----|--|-----------|----|--|-----------|----|--|---------|----|--|------------|----|--|----------|----|--|-------------|----|--|------|----|--|----------------|----|--|
| 3 | 5-6 | State (1st digit of State Code is Division Code) (From M.S.T.) (Con't) | All | Pacific Division Washington Oregon California Alaska Hawaii | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1-2 | State Rankings (From M.S.T.) | All | <table border="0"> <tr> <td>California</td> <td>01</td> <td>1970 Ranking</td> </tr> <tr> <td>New York</td> <td>02</td> <td></td> </tr> <tr> <td>Pennsylvania</td> <td>03</td> <td></td> </tr> <tr> <td>Texas</td> <td>04</td> <td></td> </tr> <tr> <td>Illinois</td> <td>05</td> <td></td> </tr> <tr> <td>Ohio</td> <td>06</td> <td></td> </tr> <tr> <td>Michigan</td> <td>07</td> <td></td> </tr> <tr> <td>New Jersey</td> <td>08</td> <td></td> </tr> <tr> <td>Florida</td> <td>09</td> <td></td> </tr> <tr> <td>Massachusetts</td> <td>10</td> <td></td> </tr> <tr> <td>Indiana</td> <td>11</td> <td></td> </tr> <tr> <td>North Carolina</td> <td>12</td> <td></td> </tr> <tr> <td>Missouri</td> <td>13</td> <td></td> </tr> <tr> <td>Virginia</td> <td>14</td> <td></td> </tr> <tr> <td>Georgia</td> <td>15</td> <td></td> </tr> <tr> <td>Wisconsin</td> <td>16</td> <td></td> </tr> <tr> <td>Tennessee</td> <td>17</td> <td></td> </tr> <tr> <td>Maryland</td> <td>18</td> <td></td> </tr> <tr> <td>Minnesota</td> <td>19</td> <td></td> </tr> <tr> <td>Louisiana</td> <td>20</td> <td></td> </tr> <tr> <td>Alabama</td> <td>21</td> <td></td> </tr> <tr> <td>Washington</td> <td>22</td> <td></td> </tr> <tr> <td>Kentucky</td> <td>23</td> <td></td> </tr> <tr> <td>Connecticut</td> <td>24</td> <td></td> </tr> <tr> <td>Iowa</td> <td>25</td> <td></td> </tr> <tr> <td>South Carolina</td> <td>26</td> <td></td> </tr> </table> | California | 01 | 1970 Ranking | New York | 02 | | Pennsylvania | 03 | | Texas | 04 | | Illinois | 05 | | Ohio | 06 | | Michigan | 07 | | New Jersey | 08 | | Florida | 09 | | Massachusetts | 10 | | Indiana | 11 | | North Carolina | 12 | | Missouri | 13 | | Virginia | 14 | | Georgia | 15 | | Wisconsin | 16 | | Tennessee | 17 | | Maryland | 18 | | Minnesota | 19 | | Louisiana | 20 | | Alabama | 21 | | Washington | 22 | | Kentucky | 23 | | Connecticut | 24 | | Iowa | 25 | | South Carolina | 26 | |
| California | 01 | 1970 Ranking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New York | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Texas | 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois | 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio | 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Michigan | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Jersey | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Florida | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indiana | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North Carolina | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Missouri | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Georgia | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wisconsin | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tennessee | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maryland | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minnesota | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Louisiana | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alabama | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Washington | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kentucky | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connecticut | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iowa | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| South Carolina | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

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

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

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

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| Word | Char. | Characteristic | Universe | Description |
|------|-------|--------------------------|----------|---|
| 20 | 4-5 | Month | All | 01-12 |
| | 6 | Year - Last Digit | All | 0-9 |
| 21 | 1-6 | F111 | All | (Binary 01) |
| 22 | 1-5 | | | |
| | 6 | Final Weight | All | "Regular Type A" Sub Sample 1 2-4 |
| 23 | All | Blank | | |
| 24 | 1 | Blank | | |
| | 2-3 | PADDING | | |
| | 4-6 | JRCERR | | |
| 25 | 1-2 | Blank | | |
| | 3 | PADDING | | |
| | 4-6 | Blank | | |
| 26 | 1 | SMSA Status Code | All | No. of errors charged to enumerator 000-999 |
| | 2 | Central City Status Code | All | |
| | | | | SMSA 1 Non SMSA 2 Not Identifiable 3 |
| | | | | Central city 1 Balance of SMSA 2 Non SMSA 3 Not Identifiable 4 |

-more-

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

through

-more-

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

BASIC CPS ALLOCATION FLAGS

| | | | | |
|------------------|------------|---------------------------|-----|---------------|
| 53 | 1 | Item 5a | All | Not Allocated |
| | 2 | 4 | | |
| | 3 | 5b | | |
| | 4 | 9 | | |
| 53 Thru 54 | 5 } 2 } | Padding | | |
| 54 | 3 | 14 - Race | | |
| 54 Thru 58 | 4 } 5 } | Padding | | |
| 58 | 6 | Geographic Identification | | |
| 59 Thru 80 | 1 } 6 } | Padding | | |

END OF BASIC CPS RECORD

CURRENT POPULATION SURVEY
NONINTERVIEW TYPE B-C RECORD LAYOUT
FOR STANDARD TAPE COPIES

(Beginning January 1984)

Attachment

Page 1

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

-more-

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

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

-more-

Attachment G

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

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

1970 Ranking

- 00 Not an SMSA and all other SMSA's
- 01 New York, N.Y.
- 02 Los Angeles-Long Beach, Calif.
- 03 Chicago, Ill.
- 04 Philadelphia, Pa.-N.J.
- 05 Detroit, Mich.

SMSA's

SMSA Rankings (From M.S.T.)

-more-

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

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

-more-

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

-more-

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

(Effective April 1984, Reflects new farm definition)

-more-

| Word | Char. | Characteristic | Universe | Description |
|--------------------|--------|--|----------|--|
| 0 | 2-3 | Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't) | A11 | Other Unit Qtrs. not IU in rooming or boarding house 07 Unit not permanent in trans. hotel, motel, etc. 08 Tent or trailer site 09 Other not IU 10 |
| 4 | | "New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.) | A11 | Nonfarm 1 Farm 2, 3 |
| 5 | | Blank | | |
| 6 | | Item 9 - HOUSEHOLD NUMBER (Unedited) | A11 | Blank 1-8 |
| 9 through 19 | 1 2 | PADDING | | |
| 3 | | Household Indicator | A11 | 1 |
| 4-6 | | Document Count (Within Work Unit) | A11 | 001-999 |
| 20 | 1-3 | Work Unit Number (From Breaker Sheet) | A11 | 001 or ΔΔ1-999 9XX Assigned |

-more

137

Word Char. Characteristic Universe Description

| | | | | |
|----|-----|--------------------------|-----|--|
| 20 | 4-5 | Month | A11 | 01-12 |
| | 6 | Year - Last Digit | A11 | 0-9 |
| 21 | 1-6 | F111 | A11 | (Binary 01) |
| 22 | 1-5 | | | |
| | 6 | Final Weight | A11 | "Regular Type B-C" Sub Sample 1 2-4 |
| 23 | A11 | Blank | | |
| 24 | 1 | Blank | | |
| | 2-3 | PADDING | | |
| | 4-6 | JRCERR | | |
| 25 | 1-2 | Blank | | |
| | 3 | PADDING | | |
| | 4-6 | Blank | | |
| 26 | 1 | SMSA Status Code | A11 | No. of errors charged to enumerator 000-999 |
| | 2 | Central City Status Code | A11 | SMSA Non SMSA Not Identifiable 1 2 3 Central city Balance of SMSA Non SMSA Not Identifiable 1 2 3 4 |

-more-

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

| Word | Char: | Characteristic | Universe | Description |
|------|-------|----------------|----------|-------------|
|------|-------|----------------|----------|-------------|

BASIC CPS ALLOCATION FLAGS

| | | | | |
|----|---|---------------------------|-----|---------------|
| 53 | 1 | Item 5a | All | Not Allocated |
| | 2 | 4 | | Allocated |
| | 3 | 5b | | |
| | 4 | 9 | | |
| | 5 | PADDING | All | Not Allocated |
| | 5 | | | |
| 58 | 6 | Geographic Identification | | |
| 59 | 1 | PADDING | | |
| 80 | 6 | | | |

END OF BASIC CPS RECORD

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

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

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

-more-

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

-more-

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

| Word | Char. | Characteristic | Universe | Description |
|------|-------|---|----------|------------------------------------|
| 3 | 5-6 | State (1st digit of State Code in Division Code) (From H.S.T.) (Con't) | All | |
| | | | | <u>West South Central Division</u> |
| | | | | Arkansas 71 |
| | | | | Louisiana 72 |
| | | | | Oklahoma 73 |
| | | | | Texas 74 |
| | | | | <u>Mountain Division</u> |
| | | | | Montana 01 |
| | | | | Idaho 02 |
| | | | | Wyoming 03 |
| | | | | Colorado 04 |
| | | | | New Mexico 05 |
| | | | | Arizona 06 |
| | | | | Utah 07 |
| | | | | Nebraska 08 |
| | | | | <u>Pacific Division</u> |
| | | | | Washington 91 |
| | | | | Oregon 92 |
| | | | | California 93 |
| | | | | Alaska 94 |
| | | | | Hawaii 95 |

-more-

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

-more-

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

-more-

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

-more-

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

-note-

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

-more-

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

| Word | Char. | Characteristic | Universe | Description |
|------|-------|---------------------------|----------|-------------|
| | 5 | Blank | | |
| | 6 | Item 9 - HOUSEHOLD NUMBER | ALL | 1-8 |

9 }
Through }
18 6 }
PADDING

| Word | Character | Characteristics | Universes | Description |
|-------------|-----------|--|-----------|---|
| 9 | 1-3 | PADDING | | |
| | 4-6 | Document Count (Within Work Unit) | ALL | 001-999 |
| 0 | 1-3 | Work Unit Number (From Breaker Shoot) | ALL | 001 or ΔΔ1-99 9XX Assigned IF Breaker was missing |
| | 4-5 | Month | ALL | 01-12 |
| | 6 | Year - Last Digit | ALL | 0-9 |
| 1 & 2 | ALL | Final Weight | ALL | Two Understood Decimal Places. (Right justified, space fill -01) |
| 3 | 1-6 | PADDING | | |

-- 1010 --

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

-more-

Word Char. Characteristic Universe Description

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

ATTACHMENT D (Armed Forces)

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

ATTACHMENT D (Armed Forces)

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

| WORD | CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|------|-------|---|----------|---|--|
| 67 | 1 | PADDING | | | |
| 2-3 | | Item 10I - HIGHEST GRADE (of school) ATTENDED | ALL | None E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 | 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 |
| 4 | | Item 10I - GRADE COMPLETED | ALL | Yes No | 1 2 |
| 5 | | Item 10J - RACE | ALL | White Black Other | 1 2 3 |
| 6 | | PADDING | | | |
| 68 | 1-2 | PADDING | | | |
| 3-4 | | FAMILY NUMBER | ALL | Not a Family Member Primary Family Member Only Subfamily Member | 00 01 02-39 |
| 5 | | FAMILY TYPE | ALL | Primary Family Primary Individual Related Subfamily Unrelated Subfamily Secondary Individual | 1 2 3 4 5 |
| 6 | | FAMILY RELATIONSHIP | ALL | Not a Family Member Reference Person Spouse Child Other Relative (Primary Family only) | 0 1 2 3 4 |

ATTACHMENT D (Armed Forces)

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

ATTACHMENT D (Armed Forces)

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

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

ATTACHMENT D (Armed Forces)

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

ATTACHMENT D (Armed Forces)

| WORD CHAR. | CHARACTERISTIC | UNIVERSE | DESCRIPTION | VALUES |
|------------|--|----------|---|--------------------|
| 74 | 5-6 PADDING | | | |
| 75 | 1-6 FAMILY HEIGHT | ALL | Two Implied Decimal Places, Right Justified, Space Filled (01) | |
| 76 | 1-6 HOUSEHOLD SIZE | ALL | Number of Persons in Household | 01-39 |
| 77 | 1-2 NUMBER OF FAMILIES IN HOUSEHOLD | ALL | Number of Families | 00-39 |
| 78 | 1-6 PADDING | | | |
| 79 | 1-6 FAMILY EARNINGS HEIGHT | HIS=4,8 | Two Implied Decimal Places, Right Justified, Space Filled (01) | |
| 80 | 1-2 PADDING | | | |
| 3-6 | TOTAL WEEKLY FAMILY EARNINGS | HIS=4,8 | Not in Primary Family Usual Weekly Family Earnings | Blank 0000-9999 |

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

ATTACHMENT 11

CURRENT POPULATION SURVEY
September 1984 Supplement
September Immunization Survey - 1984

May 1985

PUBLIC USE FILE

| Word | Char. | Item | Characteristic | Universe | Description |
|--|-------|------|---|----------------|--|
| 81 | 1 | | Blank | | |
| | | thru | | | |
| 81 | 4 | | | | |
| 81 | 5 | 29 | Interviewer Check Item Rotation Number | All Interviews | 1, 3, 4, 5, 7, or 8 2 or 6 Blank |
| | | | | | 1 2 - |
| <u>EDITED (Excludes Rotations 2 & 6)</u> | | | | | |
| 81 | 6 | 30 | Have Diabetes? | Adults 14+ | Yes No Don't Know NA |
| | | | | | 1 2 3 4 |
| 82 | 1 | 31 | Have Chronic Kidney Disease? | Adults 14+ | Yes No Don't Know NA |
| | | | | | 1 2 3 4 |
| | 2 | 32 | Have Asthma..Bronchitis? | Adults 14+ | Yes No Don't Know NA |
| | | | | | 1 2 3 4 |
| | 3 | 33 | Have Chronic Heart Condition? | Adults 14+ | Yes No Don't Know NA |
| | | | | | 1 2 3 4 |

| Word | Char. | Item | Characteristic | Universe | Description |
|------|-------|---|--|----------------------------|--------------|
| 82 | 4 | 34 | Had Flu Shot? Sept. 1, 1983-Aug. 31 1984 | All | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 5 | 35 | Had Pneumonia Vaccine? | All | 1 Yes | |
| | | | | 2 No | |
| | | | | 3 Don't Know | |
| | | | | 4 NA | |
| 6 | 36 | Had Pneumonia Vaccine? Sept. 1, 1983-Aug. 31, 1984 | All With Yes in Item 35 | 1 Yes | |
| | | | | 2 No | |
| | | | | 3 Don't Know | |
| | | | | 4 NA | |
| 83 | 1 | 37 | Had Polio Vaccine by Mouth | Adults 14-19 & Children | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 2 | 38 | How many times Polio by mouth? | Adults 14-19 and Children With Yes in Item 37 | 1 One Time | |
| | | | | 2 Two Times | |
| | | | | 3 Three Times | |
| | | | | 4 Four+ Times | |
| | | | | 5 Don't Know | |
| | | | | 6 NA | |
| 3 | 39 | How many times Polio by mouth in 12 months? | Adults 14-19 and Children with Yes in Item 37 | 1 None | |
| | | | | 2 One Time | |
| | | | | 3 Two Times | |
| | | | | 4 Three Times | |
| | | | | 5 Four+ Times | |
| | | | | 6 Don't Know | |
| | | | | 7 NA | |

| Word | Char. | Item | Characteristic | Universe | Description |
|------|-------|------|--|---|--|
| 83 | 4 | 40 | Had DTP Shots? | Adults 14-19 and Children | 1 Yes 2 No 3 Don't Know 4 NA |
| | 5 | 41 | How many DTP Shots? | Adults 14-19 and Children With Yes in Item 40 | 1 One 2 Two 3 Three 4 Four 5 Five+ 6 Don't Know 7 NA |
| | 6 | 42 | Had Red Measles in past 12 months? | Adults 14-19 and Children | 1 Yes 2 No 3 Don't Know 4 NA |
| 84 | 1 | 43 | Had Red Measles Shots? | Adults 14-19 and Children | 1 Yes 2 No 3 Don't Know 4 NA |
| | 2 | 44 | Had Red Measles Shot in past 12 months? | Adults 14-19 and Children With Yes in Item 43 | 1 Yes 2 No 3 Don't Know 4 NA |
| | 3 | 45 | Had Three-day Measles in past 12 months? | Adults 14-19 and Children | 1 Yes 2 No 3 Don't Know 4 NA |

| Word | Char. | Item | Characteristic | Universe | Description |
|------|-------|------|--|---|--------------|
| 84 | 4 | 46 | Had Three-day Measles Shots? | Adults 14-19 and Children | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 5 | 5 | 47 | Had Three-day Measles Shots in past 12 months? | Adults 14-19 and Children With Yes in Item 46 | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 6 | 6 | 48 | Had Mumps in past 12 months? | Adults 14-19 and Children | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 85 | 1 | 49 | Had Mumps Vaccine? | Adults 14-19 and Children | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 2 | 2 | 50 | Had Mumps in past 12 months? | Adults 14-19 and Children With Yes in Item 49 | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 3 | 3 | 51 | Age of this person? | Children 0-13 | 1 0-5 |
| | | | | | 2 6-13 |
| 4 | 4 | 52 | Enrolled in Licensed Day Care? Sept. 1, 1983-Aug. 31, 1984 | Children 0-13 | 1 Yes |
| | | | | | 2 No |
| | | | | | 3 Don't Know |
| | | | | | 4 NA |
| 5 | 5 | 53 | Any Person in Household 0-19 Years Old? | Interview All rotations <u>except</u> 2 & 6 | 1 Yes |
| | | | | | 2 No |

| Word | Char. | Item | Characteristics | Universe | Description |
|------|-------|------|--|--------------------------------------|---|
| 85 | 6 | 54 | Refer to an Immunization Record? | I53 = 1 | Yes No NA |
| 86 | 1 | 55 | Who Answered for 0-19 Year Old Children? | I53 = 1 | Parent Self Other Relative Nonrelative NA |
| 86 | 2 | | Blank | | |
| 86 | thru | 6 | | | |
| 87 | 1 | | Supplement Weights | All rotations <u>except</u> 2 & 6 | Two Implied Decimal Places, Right Justify, Space Fill (01) |
| 88 | thru | 6 | | | |
| 89 | 1 | | Special Supplement Weights (using revised weights) | All rotations <u>except</u> 2 & 6 | Two Implied Decimal Places, Right Justify, Space Fill (01) |
| 90 | thru | 6 | | | |
| 91 | 1 | | Blank | | |
| 98 | thru | 6 | | | |
| 99 | 1 | | Revised Weights** | All | Two Implied Decimal Places right justified, space fill (01) |
| 100 | thru | 6 | | | |

**NOTE: Revised weights represent the new weighting procedure which went into production 1/85. These weights are being appended to the file to provide our sponsors with the ability to bridge 1984 data to data collected after 1/85. (See article in February, 1985 Employment and Earnings for further information.)

FILL TRANSCRIPTION ITEMS 18A-K IN ALL HOUSEHOLDS.

| FIRST CHILD | | | | | |
|---|---|--|----------|--|-------------|
| 18A. LINE NO. | 18B. RELATIONSHIP TO REF. PERS. | 18C. PAR'S LINE NO. | 18D. AGE | 18G. SEX Male... Female... | 18K. ORIGIN |
| 1 | Own child | 1 | 1 | Male | 1 |
| 2 | Brother/Sister | 2 | 2 | Female | 2 |
| 3 | Other relative of Ref. Person | 3 | 3 | | 3 |
| 4 | Non-rel. of Ref. Person - WITH OWN RELS. in household | 4 | 4 | | 4 |
| 5 | Non-rel. of Ref. Person - NO OWN RELS. in H. H. | 5 | 5 | | 5 |
| 6 | | 6 | 6 | | 6 |
| 7 | | 7 | 7 | | 7 |
| 8 | | 8 | 8 | | 8 |
| 9 | | 9 | 9 | | 9 |
| 34. Did... receive influenza vaccine (a flu shot) during the period September 1, 1983-August 31, 1984? | | 40. Has... ever had any shots against diphtheria, tetanus, and whooping cough, that is DTP? | | 45. Has... had the three-day measles, also known as Rubella or German measles during the past 12 months? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 42) | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 35. Has... ever received vaccine for pneumonia? | | 41. How many DTP shots has... ever had? | | 46. Has... ever had an injection or shot against the three-day measles? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 37) | | 1 2 3 4 5 + DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 48) | |
| 36. Did... receive vaccine for pneumonia during the period September 1, 1983-August 31, 1984? | | 42. Has... had the red measles, also known as the eight day measles during the past 12 months? | | 47. Has... had an injection or shot against the three-day measles during the past 12 months? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 37. Has... ever had polio vaccine by mouth? | | 43. Has... ever had an injection or shot against the red measles? | | 48. Has... had mumps within the past 12 months? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 40) | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 45) | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 38. How many times has... ever had polio vaccine by mouth? | | 44. Has... had an injection or shot against the red measles during the past 12 months? | | 49. Has... ever had an injection or shot against the mumps? | |
| 1 2 3 4 + DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 51) | |
| 39. How many times during the past 12 months has... had polio vaccine by mouth? | | | | 50. Has... had an injection or shot against the mumps during the past 12 months? | |
| 1 2 3 4 + DK <input type="radio"/> | | | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 51. INTERVIEWER CHECK ITEM | | | | | |
| Child is 0-5 yrs. old <input type="radio"/> (Ask 52) | | | | | |
| Child is 6-13 yrs. old <input type="radio"/> (Next child or fill 53, as appropriate) | | | | | |
| 52. Has... been enrolled in a licensed day care facility at any time during the period September 1, 1983-August 31, 1984? | | | | | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | | | | |

If this is last child, fill household page item 53

| FIRST ARMED FORCES MEMBER (Fill only in interview household for persons with "AF" in CC Item 22.) | | | | | |
|--|--|--------------------------------------|-----------------------------------|--|-------------|
| 18A. LINE NO. | 18B. RELATIONSHIP TO REFERENCE PERS. | 18C. PAR'S LINE NO. | 18D. AGE | 18E. MARITAL STATUS | |
| 1 | Reference Person WITH other relatives in h' hld | 1 | 1 | Married-civilian spouse present | |
| 2 | Reference Person with NO other relatives in h' hld | 2 | 2 | Married-Armed Forces spouse present | |
| 3 | Husband | 3 | 3 | Married-spouse absent (Exclude separated) | |
| 4 | Wife | 4 | 4 | Widowed | |
| 5 | Own child | 5 | 5 | Divorced | |
| 6 | Parent | 6 | 6 | Separated | |
| 7 | Brother/Sister | 7 | 7 | Never married | |
| 8 | Other rel. of Ref. Person | 8 | 8 | | |
| 9 | Non-rel. of Ref. Person WITH OWN relatives in household | 9 | 9 | | |
| 10 | Non-rel. of Ref. Person with NO OWN relatives in household | 10 | 10 | | |
| 18F. SPOUSE'S LINE NO. | 18G. SEX Male Female | 18H. HIGHEST GRADE ATTENDED E H C | 18I. GRADE COMPLETED Yes No | 18J. RACE 1. White 2. Black 3. Amer. Indian, Aleut, Eskimo 4. Asian or Pac. Isl. 5. Other | 18K. ORIGIN |
| 1 | Male | E H C | Yes | 1. White | 1 |
| 2 | Female | E H C | No | 2. Black | 2 |
| 3 | | E H C | | 3. Amer. Indian, Aleut, Eskimo | 3 |
| 4 | | E H C | | 4. Asian or Pac. Isl. | 4 |
| 5 | | E H C | | 5. Other | 5 |
| 6 | | E H C | | | 6 |
| 7 | | E H C | | | 7 |
| 8 | | E H C | | | 8 |
| 9 | | E H C | | | 9 |
| 10 | | E H C | | | 10 |

| SECOND CHILD | | | | | |
|---|---|--|----------|--|-------------|
| 18A. LINE NO. | 18B. RELATIONSHIP TO REF. PERS. | 18C. PAR'S LINE NO. | 18D. AGE | 18G. SEX Male... Female... | 18K. ORIGIN |
| 1 | Own child | 1 | 1 | Male | 1 |
| 2 | Brother/Sister | 2 | 2 | Female | 2 |
| 3 | Other relative of Ref. Person | 3 | 3 | | 3 |
| 4 | Non-rel. of Ref. Person - WITH OWN RELS. in household | 4 | 4 | | 4 |
| 5 | Non-rel. of Ref. Person - NO OWN RELS. in H. H. | 5 | 5 | | 5 |
| 6 | | 6 | 6 | | 6 |
| 7 | | 7 | 7 | | 7 |
| 8 | | 8 | 8 | | 8 |
| 9 | | 9 | 9 | | 9 |
| 34. Did... receive influenza vaccine (a flu shot) during the period September 1, 1983-August 31, 1984? | | 40. Has... ever had any shots against diphtheria, tetanus, and whooping cough, that is DTP? | | 45. Has... had the three-day measles, also known as Rubella or German measles during the past 12 months? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 42) | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 35. Has... ever received vaccine for pneumonia? | | 41. How many DTP shots has... ever had? | | 46. Has... ever had an injection or shot against the three-day measles? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 37) | | 1 2 3 4 5 + DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 48) | |
| 36. Did... receive vaccine for pneumonia during the period September 1, 1983-August 31, 1984? | | 42. Has... had the red measles, also known as the eight day measles during the past 12 months? | | 47. Has... had an injection or shot against the three-day measles during the past 12 months? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 37. Has... ever had polio vaccine by mouth? | | 43. Has... ever had an injection or shot against the red measles? | | 48. Has... had mumps within the past 12 months? | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 40) | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 45) | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 38. How many times has... ever had polio vaccine by mouth? | | 44. Has... had an injection or shot against the red measles during the past 12 months? | | 49. Has... ever had an injection or shot against the mumps? | |
| 1 2 3 4 + DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 51) | |
| 39. How many times during the past 12 months has... had polio vaccine by mouth? | | | | 50. Has... had an injection or shot against the mumps during the past 12 months? | |
| 1 2 3 4 + DK <input type="radio"/> | | | | Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 51. INTERVIEWER CHECK ITEM | | | | | |
| Child is 0-5 yrs. old <input type="radio"/> (Ask 52) | | | | | |
| Child is 6-13 yrs. old <input type="radio"/> (Next child or fill 53, as appropriate) | | | | | |
| 52. Has... been enrolled in a licensed day care facility at any time during the period September 1, 1983-August 31, 1984? | | | | | |
| Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | | | | | |

If this is last child, fill household page item 53

| SECOND ARMED FORCES MEMBER (If more than 2 AF persons in household, use continuation CPS-1 document.) | | | | | |
|--|--|--------------------------------------|-----------------------------------|--|-------------|
| 18A. LINE NO. | 18B. RELATIONSHIP TO REFERENCE PERS. | 18C. PAR'S LINE NO. | 18D. AGE | 18E. MARITAL STATUS | |
| 1 | Reference Person WITH other relatives in h' hld | 1 | 1 | Married-civilian spouse present | |
| 2 | Reference Person with NO other relatives in h' hld | 2 | 2 | Married-Armed Forces spouse present | |
| 3 | Husband | 3 | 3 | Married-spouse absent (Exclude separated) | |
| 4 | Wife | 4 | 4 | Widowed | |
| 5 | Own child | 5 | 5 | Divorced | |
| 6 | Parent | 6 | 6 | Separated | |
| 7 | Brother/Sister | 7 | 7 | Never married | |
| 8 | Other rel. of Ref. Person | 8 | 8 | | |
| 9 | Non-rel. of Ref. Person WITH OWN relatives in household | 9 | 9 | | |
| 10 | Non-rel. of Ref. Person with NO OWN relatives in household | 10 | 10 | | |
| 18F. SPOUSE'S LINE NO. | 18G. SEX Male Female | 18H. HIGHEST GRADE ATTENDED E H C | 18I. GRADE COMPLETED Yes No | 18J. RACE 1. White 2. Black 3. Amer. Indian, Aleut, Eskimo 4. Asian or Pac. Isl. 5. Other | 18K. ORIGIN |
| 1 | Male | E H C | Yes | 1. White | 1 |
| 2 | Female | E H C | No | 2. Black | 2 |
| 3 | | E H C | | 3. Amer. Indian, Aleut, Eskimo | 3 |
| 4 | | E H C | | 4. Asian or Pac. Isl. | 4 |
| 5 | | E H C | | 5. Other | 5 |
| 6 | | E H C | | | 6 |
| 7 | | E H C | | | 7 |
| 8 | | E H C | | | 8 |
| 9 | | E H C | | | 9 |
| 10 | | E H C | | | 10 |



CURRENT POPULATION SURVEY

FORM CPS-1

MONTH: YEAR:

10. INTERVIEWER CODE
A B C D E F G H J K L M
0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9

11. DATE COMPLETED
I 2
0 1 2 3 4 5 6 7 8 9

12. LINE NO. OF H'HD RESP.
I 2 3 4 5 6 +
Non. h'hd. resp. (Specify) (Send Inter Comm Interviewed Households Only)

1. INTERVIEWER CHECK ITEM
Only CPS-1 for household
First CPS-1 of continuation h'hd.
Second CPS-1 of continuation h'hd.
Third, fourth, etc. CPS-1

1a. COLOR CONTROL CARD
Yellow C.C. (70 materials)
White C.C. (80 materials)

2. SAMPLE
A B C D E
0 0 0 0 0

3. CONTROL NUMBER

4. TYPE OF LIVING QUARTERS
HOUSING UNIT
House, apartment, flat
HU in nontransient hotel, motel, etc.
HU, permanent, in transient hotel, motel, etc.
HU in rooming house
Mobile home or trailer with no permanent room added
Mobile home or trailer with one or more permanent rooms added
HU not specified above (Describe below)

5a. LAND USAGE
Urban
Rural (Fill 5b)
5b. FARM SALES
\$1000 or more
Less than \$1000

6. PSU NO.
7. SEGMENT NO.
8. SERIAL NO.
9. HOUSE-HOLD NO.
(Go to 10)

13. TYPE INTERVIEW
Noninterview
Personal
Tel. - regular
Tel. - callback
ICR filled

NONINTERVIEW
TYPE A
14. (Mark reason and race.)
REASON RACE
No one home
Temporarily absent
Refused
Other - Occ. (Describe below)
White
Black
All other

15.
Vacant - regular
Vacant - storage of h'hd furniture
Temp. occ. by persons with URE
Unfit or to be demolished
Under construction, not ready to temp. business or storage
Occ. by Armed Force members or persons under 14
Unoccupied tent site or trailer site Permit granted, construction not started
Other (Specify below)
16. This unit is intended for occupancy:
Year round
By migratory workers
Seasonally
17. This unit is intended for occupancy:
Summers only
Winters only
Other (Describe below)

53. INTERVIEWER CHECK ITEM
Any person(s) 0-19
All others
54. Did . . . refer to an immunization record, for example, a private physician's record, health department record, or military record, to answer any of the immunization questions for children 0-19 years of age?
Yes No

INTERVIEWER TRANSCRIPTION ITEMS
27. TENURE
Owned or being bought
Rented for cash
No cash rent
28. TOTAL FAMILY INCOME
A B C D E F G H I J K L M N O

NOTES:
55. INTERVIEWER CHECK ITEM
Who responded to supplement items for children 0-19 in this household?
Parent
Self
Other relative
Nonrelative

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

CODER NUMBER
A B C D E F G H J K L M
0 0 0 0 0 0 0 0 0 0
0 1 2 3 4 5 6 7 8 9

| 18A. LINE NO. | 18B. RELATIONSHIP TO REFERENCE PERSON | 18C. PARENT'S LINE NUMBER | 18D. AGE | 18E. MARITAL STATUS | 18F. SPOUSE'S LINE NUMBER | 18G. SEX AND VETERAN STATUS | 18H. HIGHEST GRADE ATTENDED | 18I. GRADE COMPLETED | 18J. RACE | 18K. ORIGIN |
|---------------|---|---------------------------|----------------------------------|---|---------------------------|--|-----------------------------|---------------------------|--|-----------------------|
| 1 | Reference Person WITH other relatives in household ... <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Married - civilian spouse present ... <input type="radio"/> | <input type="radio"/> | Male (Also Mark Vet. Status) <input type="radio"/> | E H C | Yes <input type="radio"/> | 1. White ... <input type="radio"/> | <input type="radio"/> |
| 2 | Reference Person with NO other relatives in household <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Married - Armed Forces spouse present ... <input type="radio"/> | 1 | Vietnam Era <input type="radio"/> | 1 1 1 | No <input type="radio"/> | 2. Black ... <input type="radio"/> | <input type="radio"/> |
| 3 | Husband ... <input type="radio"/> | 2 | 2 | Married - spouse absent (Exclude separated) ... <input type="radio"/> | 2 | Korean War <input type="radio"/> | 2 2 2 | | 3. Amer. Indian, Aleut, Eskimo ... <input type="radio"/> | <input type="radio"/> |
| 4 | Wife ... <input type="radio"/> | 3 | 3 | Widowed ... <input type="radio"/> | 3 | World War II <input type="radio"/> | 3 3 3 | | 4. Asian or Pacific Isl. ... <input type="radio"/> | <input type="radio"/> |
| 5 | Own child ... <input type="radio"/> | 4 | 4 | Divorced ... <input type="radio"/> | 4 | World War I <input type="radio"/> | 4 4 4 | | 5. Other ... <input type="radio"/> | <input type="radio"/> |
| 6 | Parent ... <input type="radio"/> | 5 | 5 | Separated ... <input type="radio"/> | 5 | Other Service <input type="radio"/> | 5 5 5 | | | |
| 7 | Brother/Sister ... <input type="radio"/> | 6 | 6 | Never married ... <input type="radio"/> | 6 | Nonveteran <input type="radio"/> | 6 6 6 | | | |
| 8 | Other rel. of Ref. Person ... <input type="radio"/> | 7 | 7 | | 7 | | 7 7 7 | | | |
| 9 | Non-rel. of Ref. Person WITH OWN relatives in household ... <input type="radio"/> | 8 | 8 | | 8 | Female ... <input type="radio"/> | 8 8 8 | | | |
| 10 | Non-rel. of Ref. Person with NO OWN relatives in household <input type="radio"/> | 9 | 9 | | 9 | | 9 9 9 | | | |
| | | None | | | None | | None | | | |

| | | |
|--|--|---|
| 26. INTERVIEWER CHECK ITEM (Transcribe from control card item 18) This person is 16-24 years of age <input type="radio"/> (Ask 26A) All others ... <input type="radio"/> (End Questions) | 36. Did ... receive vaccine for pneumonia during the period September 1, 1983 - August 31, 1984? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | 48. Has ... had mumps within the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> |
| 26A. (If 'School' in 19, Verify) Is ... attending or enrolled in a high school, college, or university? (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation). Yes <input type="radio"/> (Verify) No <input type="radio"/> (End Questions) High School ... <input type="radio"/> (Ask 26B) <input checked="" type="radio"/> College or Univ. <input type="radio"/> | 36A. INTERVIEWER CHECK ITEM This person is 14-19 years old <input type="radio"/> (Ask Item 37) All others ... <input type="radio"/> (Skip to Item 50A) | 49. Has ... ever had an injection or shot against the mumps? Yes <input type="radio"/> No <input type="radio"/> (Skip to 50A) DK <input type="radio"/> (Skip to 50A) |
| 26B. Is ... enrolled in school as a full-time or part-time student? Full time <input type="radio"/> } END QUESTIONS Part time <input type="radio"/> | 37. Has ... ever had polio vaccine by mouth? Yes <input type="radio"/> No <input type="radio"/> (Skip to 40) DK <input type="radio"/> (Skip to 40) | 50. Has ... had an injection or shot against the mumps during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> |
| REMINDER: BE SURE TO ASK THE LABOR FORCE QUESTIONS FOR ALL HOUSEHOLD MEMBERS 14+ YRS. OLD BEFORE ASKING THE SUPPLEMENT QUESTIONS. | 38. How many times has ... ever had polio vaccine by mouth? 1 2 3 4 + DK <input type="radio"/> | 50A. INTERVIEWER CHECK ITEM Is this the last h'ld member 14+ years of age? Yes <input type="radio"/> (Fill 50B) No <input type="radio"/> (Go to next person) |
| SUPPLEMENT QUESTIONS | 39. How many times during the past 12 months has ... had polio vaccine by mouth? <input type="radio"/> 1 2 3 4 + DK <input type="radio"/> | 50B. INTERVIEWER CHECK ITEM Are there any children 0-13 years of age in this h'ld? Yes <input type="radio"/> (Skip to Item 34 on page 2) No <input type="radio"/> (Skip to Item 53 on household page 3) |
| 29. INTERVIEWER CHECK ITEM (Rotation number) <input checked="" type="radio"/> 1, 3, 4, 5, 7 or 8 <input type="radio"/> (Go to 30) 2 or 6 <input type="radio"/> (End interview) | 40. Has ... ever had any shots against diphtheria, tetanus and whooping cough, that is DTP? Yes <input type="radio"/> No <input type="radio"/> (Skip to 42) DK <input type="radio"/> (Skip to 42) | |
| LEAD IN: This month we are asking some additional questions about certain diseases and illnesses and protection from them. | 41. How many DTP shots has ... ever had? 1 2 3 4 5 + DK <input checked="" type="radio"/> | |
| 30. Does ... have diabetes? Yes <input type="radio"/> No <input type="radio"/> Don't know <input type="radio"/> | 42. Has ... had the red measles, also known as the eight day measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 31. Does ... have chronic kidney disease? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | 43. Has ... ever had an injection or shot against the red measles? Yes <input type="radio"/> No <input type="radio"/> (Skip to 45) DK <input type="radio"/> (Skip to 45) | |
| 32. Does ... have asthma (pause), emphysema (pause), tuberculosis (pause) or chronic bronchitis? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | 44. Has ... had an injection or shot against the red measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 33. Has ... ever been told by a doctor that he/she had a chronic heart condition such as a heart attack (pause), a rheumatic heart condition (pause), high blood pressure (pause) or hardening of the arteries? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | 45. Has ... had the three-day measles, also known as Rubella or German measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |
| 34. Did ... receive influenza vaccine (pause), during the period September 1, 1983 - August 31, 1984? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | 46. Has ... ever had an injection or shot against the three-day measles? Yes <input type="radio"/> No <input type="radio"/> (Skip to 48) DK <input type="radio"/> (Skip to 48) | |
| 35. Has ... ever received vaccine for pneumonia? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> (Skip to 36A) | 47. Has ... had an injection or shot against the three-day measles during the past 12 months? Yes <input type="radio"/> No <input type="radio"/> DK <input type="radio"/> | |

ATTACHMENT 13
UNWEIGHTED AND WEIGHTED COUNTS

| TOTAL INTERVIEWS (CIVILIAN ONLY) | UNWEIGHTED | WEIGHTED (1000'S) |
|-------------------------------------|------------|----------------------|
| WHITE MALE | | |
| <14 | 13819 | 19886 |
| 14+ | 49482 | 75865 |
| FEMALE | | |
| <14 | 12837 | 18847 |
| 14+ | 54304 | 82679 |
| BLACK MALE | | |
| <14 | 2205 | 3716 |
| 14+ | 4891 | 9216 |
| FEMALE | | |
| <14 | 2139 | 3652 |
| 14+ | 6446 | 11262 |
| OTHER MALE | | |
| <14 | 721 | 879 |
| 14+ | 1946 | 2464 |
| FEMALE | | |
| <14 | 709 | 889 |
| 14+ | 2083 | 2660 |
| TOTAL RECORDS | UNWEIGHTED | WEIGHTED (1000'S) |
| TOT RECORDS | 165316 | 232015 |
| INTERVIEWS | 151582 | 232015 |
| <14 | 32430 | 47869 |
| 14+ | 119152 | 184146 |
| ARMED FORCES | 696 | 804 |
| TYPE A | 2686 | 0 |
| TYPE B/C | 10352 | 0 |

ATTACHMENT 14

SOURCE AND RELIABILITY OF THE ESTIMATES:
UNITED STATES IMMUNIZATION SURVEY, SEPTEMBER 1984

SOURCE OF DATA. The estimates in this report are based on data obtained in September 1984 in three-fourths sample (i.e., 6 out of 8 rotation groups) of the Current Population Survey (CPS) of the Bureau of the Census.

The monthly CPS deals mainly with labor force data for the civilian noninstitutional population. Questions relating to labor force participation are asked in each sample household. In September 1984, additional questions were asked relating to immunization.

The present CPS sample was initially selected from the 1970 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 629 areas comprising 1,148 counties, independent cities, and minor civil divisions in the Nation. In this sample, approximately 61,500 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, and sex. These independent estimates are based on statistics from the decennial censuses; statistics on births, deaths, immigration and emigration; and statistics on the strength of the Armed Forces.

RELIABILITY OF THE ESTIMATES. Since the CPS estimates were based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey -- sampling and nonsampling. The standard errors provided for this report primarily indicate the magnitude of the sampling errors. They also partially measure the effect of some nonsampling errors in response 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. Obviously, the accuracy of a survey result depends on the sampling and nonsampling errors measured by the standard error and on the bias and other types of nonsampling error not measured by the standard error. 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.

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 than 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.

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.

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 sample design, and an estimate and its estimated standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error 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.
3. 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.

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, versus (2) they are different. An example of this would be comparing the percent White children receiving oral polio vaccine versus the percent of non-White children. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the parameters are different when, in fact, they are identical.

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

Note When Using Small Estimates. Caution should be used when summary measures are computed by using sample data for both numerator and denominator and the sizes of the summary measures are based on a relatively small number of cases. Because of the large standard errors involved, there is little chance that summary measures would reveal useful information when computed on a small 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 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 characteristic; they are presented in Table E. These parameters were used to calculate 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 of Estimated Numbers. The approximate standard error, σ_x , of an estimated number can be obtained by use of standard error Table A. Alternatively, standard errors may be approximated by using formula (1), from which the standard errors were calculated in Table A. Use of this formula will provide more accurate results than the use of standard error tables

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

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

Illustration of the Computation of the Standard Error of an Estimated Number.

Suppose that there were 2,590,000 persons, aged 1-19, who had received an influenza vaccine during the twelve months before September 1984. Using formula (1) with a = -0.000101 and b = 7676 from Table E, the approximate standard error¹ is

$$\sqrt{(-0.000101)(2,590,000)^2 + (7676)(2,590,000)} \approx 139,000.$$

The 68-percent confidence interval for the number of persons aged 1-19 years who had received an influenza vaccine during the twelve months before September 1984 is from 2,451,000 to 2,729,000. The 95-percent confidence interval is from 2,312,000 to 2,868,000 (using twice the standard error). Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 95 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. The approximate standard error, $\sigma(x,p)$, of an estimated percentage can be obtained by use of the

¹ From column 2 of Table A, the standard error of 2,590,000 is approximately 138,000.

standard error Tables B, C, and D. Alternatively, standard errors may be approximated by using formula (2), from which standard errors in Tables B, C, and D were calculated; direct computation will give more accurate results than use of the tables.

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

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

Illustration of the Computation of the Standard Error of a Percentage.

Suppose that of the 33,000,000 persons aged 10 or less, 4.0 percent had received an influenza vaccine during the twelve months before September 1984. Table D shows the standard error of 4.0 percent on a base of 33,000,000 to be approximately 0.2 percent. Consequently, the 68-percent confidence interval for the percentage of persons aged 10 or less who had an influenza vaccine during the twelve months before September 1984 is from 3.8 to 4.2 and the 95-percent confidence interval is from 3.6 to 4.4.

Also, suppose that of the 10,000,000 persons aged 11-24, 5 percent had received an influenza vaccine during the twelve months before September 1984. As Table C shows the standard error of 5 percent on a base of 10,000,000 to be approximately 0.5 percent. Consequently, the 68-percent confidence interval of the percentage of persons aged 11-24 who had an influenza vaccine during the twelve months before September 1984 is from 4.5 to 5.5 and the 95 percent confidence interval is from 4.0 to 6.0.

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

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

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

Illustration of the Computation of the Standard Error of an Estimated Difference. Suppose that 66.0 percent of the 11,000,000 White children, aged 1-4 years, had ever received oral polio vaccine 3 or more times. For non-White children the percentage is 37.0 of 3,000,000. The apparent difference between the percentages of White and non-White children is 29.0 percent. Table D shows the standard error of 66.0 percent on a base of 11,000,000 to be approximately 0.8 percent; and the standard error of 37.0 percent on a base of 3,000,000 is 1.5 percent.

Thus, the standard error on the estimated difference of 29.0 percent is approximately

$$\sigma_{(x-y)} = \sqrt{(0.8)^2 + (1.5)^2} \approx 1.7 \text{ percent}$$

This means that the 68-percent confidence interval for the difference between the percent of White and non-White children aged 1-4 years who had ever received oral polio vaccine 3 or more times is from 27.3 to 30.7, and the 95-percent confidence interval is from 25.6 to 32.4. Since the 95-percent confidence interval does not include zero, we can conclude with 95-percent confidence that the percentage of White children aged 1-4 years who had ever received oral polio vaccine 3 or more times is larger than that of non-White children.

Table A

Standard Errors of Estimated Numbers
of Persons 1/
(Number in thousands)

| Size of Estimate (1) | Standard Error | | |
|-------------------------|--|---|--|
| | Age Groups Covering 15 Years or More (2) | Age Groups Covering More Than 10 But less than 15 Years | Age Groups Covering 10 Years or Less (3) |
| 250 | 44 | 35 | 26 |
| 500 | 62 | 49 | 37 |
| 1,000 | 87 | 69 | 52 |
| 2,500 | 136 | 108 | 80 |
| 5,000 | 189 | 149 | 109 |
| 10,000 | 258 | 199 | 140 |
| 15,000 | 304 | 229 | 154 |
| 25,000 | 359 | 252 | 141 <u>4/</u> |
| 40,000 | 381 | 212 | (x) |
| 50,000 | 362 <u>2/</u> | (x) <u>3/</u> | (x) |

(x) Not Applicable

1/ For poverty data, use standard errors in column 2 only.

2/ For estimates larger than 50,000,000, multiply estimate by 0.007 to get the standard error.

3/ For estimates larger than 40,000,000, multiply estimate by 0.005 to get the standard error.

4/ For estimates larger than 25,000,000, multiply estimate by 0.006 to get the standard error.

Table B

Standard Errors of Estimated Percentages of Persons ^{1/}
 Age Groups Covering 15 Years or More

| Base of Estimated Percentage (thousands) | Estimated Percentage | | | | | | |
|--|----------------------|---------|---------|----------|----------|----------|-----|
| | 1 or 99 | 2 or 98 | 5 or 95 | 10 or 90 | 20 or 80 | 35 or 65 | 50 |
| 500 | 1.2 | 1.7 | 2.7 | 3.7 | 5.0 | 5.9 | 6.2 |
| 1,000 | 0.9 | 1.2 | 1.9 | 2.6 | 3.5 | 4.2 | 4.4 |
| 2,500 | 0.6 | 0.8 | 1.2 | 1.7 | 2.2 | 2.6 | 2.8 |
| 5,000 | 0.4 | 0.5 | 0.9 | 1.2 | 1.6 | 1.9 | 2.0 |
| 10,000 | 0.3 | 0.4 | 0.6 | 0.8 | 1.1 | 1.3 | 1.4 |
| 25,000 | 0.2 | 0.2 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 |
| 50,000 | 0.12 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 |
| 75,000 | 0.10 | 0.14 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 |
| 100,000 | 0.09 | 0.12 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 |

^{1/} For estimated percentages for poverty data, this table of standard errors should be used.

Table C

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

| Base of Estimated Percentage (thousands) | Estimated Percentage | | | | | | |
|--|----------------------|---------|---------|----------|----------|----------|-----|
| | 1 or 99 | 2 or 98 | 5 or 95 | 10 or 90 | 20 or 80 | 35 or 65 | 50 |
| 500 | 1.0 | 1.4 | 2.2 | 3.0 | 4.0 | 4.7 | 5.0 |
| 1,000 | 0.7 | 1.0 | 1.5 | 2.1 | 2.8 | 3.3 | 3.5 |
| 2,500 | 0.4 | 0.6 | 1.0 | 1.3 | 1.8 | 2.1 | 2.2 |
| 5,000 | 0.3 | 0.4 | 0.7 | 0.9 | 1.3 | 1.5 | 1.6 |
| 10,000 | 0.2 | 0.3 | 0.5 | 0.7 | 0.9 | 1.1 | 1.1 |
| 25,000 | 0.14 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 0.7 |
| 50,000 | 0.10 | 0.14 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 |
| 75,000 | 0.08 | 0.11 | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 |

Note: Use Table B for standard errors of estimated percentages for poverty data.

Table D

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

| Base of Estimated Percentage (thousands) | Estimated Percentage | | | | | | |
|--|----------------------|---------|---------|----------|----------|----------|-----|
| | 1 or 99 | 2 or 98 | 5 or 95 | 10 or 90 | 20 or 80 | 35 or 65 | 50 |
| 500 | 0.7 | 1.0 | 1.6 | 2.2 | 3.0 | 3.5 | 3.7 |
| 1,000 | 0.5 | 0.7 | 1.1 | 1.6 | 2.1 | 2.5 | 2.6 |
| 2,500 | 0.3 | 0.5 | 0.7 | 1.0 | 1.3 | 1.6 | 1.7 |
| 5,000 | 0.2 | 0.3 | 0.5 | 0.7 | 0.9 | 1.1 | 1.2 |
| 10,000 | 0.2 | 0.2 | 0.4 | 0.5 | 0.7 | 0.8 | 0.8 |
| 25,000 | 0.10 | 0.15 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 |
| 35,000 | 0.09 | 0.12 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 |

Notes: Use Table B for standard errors of estimated percentages for poverty data.

Table E

Standard Error Parameters for Estimated Numbers
and Percentages of Persons

| Characteristic | Person | |
|--|-----------|------|
| | a | b |
| Age Groups Covering 15 Years or More | -0.000101 | 7676 |
| Age Groups Covering more than 10 but less than 15 years | -0.000095 | 4925 |
| Age Groups Covering 10 Years or Less | -0.000078 | 2750 |