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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), June 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.

CURRENT POPULATION SURVEY, JUNE 1984:

FERTILITY

TECHNICAL DOCUMENTATION

Washington, D.C.

1985

U.S. DEPARTMENT OF COMMERCE

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Clarence J. Brown, Deputy Secretary
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ACKNOWLEDGMENTS

This documentation was prepared within the Data Access and Use Staff, under the direction of James P. Curry, Chief, and Barbara J. Aldrich, Chief of its Technical Information Section. Annette J. Ralston was the coordinator for this file assisted by Mary G. Thomas. The documentation was compiled from materials prepared by Demographic Surveys Division.

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The file should be cited as follows:

Current Population Survey, June 1984: Fertility [machine-readable data file] / prepared by the Bureau of the Census. —Washington: The Bureau [producer and distributor], 1985.

The technical documentation should be cited as follows:

Current Population Survey, June 1984: Fertility Technical Documentation/ prepared by the Data User Services Division, Data Access and Use Staff, Bureau of the Census. —Washington: The Bureau, 1985.

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- o For additional information concerning the tape, contact Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.
- o For additional information concerning the technical documentation, contact Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.
- o For additional information concerning the subject matter of the file, contact Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2773.



CURRENT POPULATION SURVEY
JUNE 1984: FERTILITY
USER NOTE NO. 1

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

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

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

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

Redesign of the Sample for the Current Population Survey

*Kathleen P. Creighton and Robert Wilkinson

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

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

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

New design objectives

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

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

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

The redesign provides the first opportunity to increase efficiency for State data. The first step, as recommended by the National Commission on Employment and Unemployment Statistics,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.¹

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

¹ 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	54.0
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.

CURRENT POPULATION SURVEY, JUNE 1984:

FERTILITY

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview
Attachment 3	Glossary
Attachment 4	Note to Users
Attachment 5	Redesign of the Sample for the Current Population Survey
Attachment 6	Current Population Survey Adult Interview Record Layout
Attachment 7	Current Population Survey Noninterview Type A Record Layout
Attachment 8	Current Population Survey Noninterview Type B-C Record Layout
Attachment 9	Current Population Survey Armed Forces Interview Record Layout
Attachment 10	Current Population Survey Children's Interview Record Layout
Attachment 11	Current Population Survey June 1984 Fertility Supplement
Attachment 12	Unweighted and Weighted Counts
Attachment 13	Questionnaire Facsimile

ATTACHMENT 1

ABSTRACT

Current Population Survey, June 1984:
Fertility [machine-readable data file] /
conducted by the Bureau of the Census for
the Bureau of Labor Statistics. --Wash-
ington: Bureau of the Census [producer
and distributor], 1985.

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.

Additional questions were asked of women 18-44 years of age to obtain information on childbearing. Data include the total number of children born, date of birth of the most recent child, and month and year of the woman's birth.

GEOGRAPHIC COVERAGE:

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

TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 166,055 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, June 1984: Fertility Technical Documentation." Documentation contains this abstract, a questionnaire facsimile, a glossary, record layouts, and additional information pertaining to 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). 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 from Customer Services, Data User Services Division (Microfiche), Bureau of the Census, Washington, D.C. 20233. (2 microfiche - \$5. Make checks payable to Commerce-Census.)

RELATED PRINTED REPORTS:

Current Population Reports. "Fertility of American Women: June 1984," (Advance Report). Expected to be available in September 1985 from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

FILE AVAILABILITY:

The file may be ordered from Data User Services Division using the Customer Services order form on the following page. It is available on 3 reels at 1600 bpi for \$420 and on 1 reel at 6250 bpi for \$140.

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	61,342

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

GLOSSARY

CURRENT POPULATION SURVEY

Subject Concepts

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

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

Civilian Labor Force. (See Labor Force.)

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

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

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

Education. (See Years of School Completed.)

Employed. (See Labor Force.)

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

Final Weight. Used in tabulating monthly labor force items.

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

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

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

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

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

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

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

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

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

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

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

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

1. Employed. Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm or in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or Labor-Management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have an Employment Status Recode (ESR) of 1 or 2 respectively in word 19, character 1 of each individual's record which designated "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. Unemployed. Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an ESR code of 3 in word 19, character 1 of each individual's record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

a. Job Leavers. Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

b. Job Losers. Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.

c. New Job Entrants. Persons who never worked at a full-time job lasting two weeks or longer.

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

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

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

IF: WD 10:4 thru 11:4 = any entry of 1 and WD 11:5=1 and WD 12:5=1 or 2, then Loser (Lost job)

IF: WD 10:4 thru 11:4 = any entry of 1 and WD 11:5=2 and WD 12:5=1 or 2, then Leaver (left job)

IF: WD 10:4 thru 11:4 ≠ any entry of 1 and WD 10:1=6, then Loser (temporary layoff)

IF: WD 10:4 thru 11:4 ≠ any entry of 1 and WD 10:1=7, then Loser (indefinite layoff)

IF: WD 10:4 thru 11:4 ≠ any entry of 1 and 10:1=5 and 11:5=1 and 12:5=1 or 2, then Loser (New job to begin within 30 days)

IF: WD 10:4 thru 11:4 ≠ any entry of 1 and 10:1=5 and 11:5=2 and 12:5=1 or 2, then Leaver (New job to begin within 30 days)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Unemployed. (See Labor Force.)

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

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

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

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

Workers. (See Labor Force--Employed.)

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

GLOSSARY

CURRENT POPULATION SURVEY, MARCH 1983

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 4

NOTE TO USERS

There are several record layouts comprising the June 1984 Current Population Survey technical documentation. Record layouts illustrating basic data collected comprise Attachments 6, 9 and 10 for interviewed households, Attachment 7 for noninterviewed Type A households, Attachment 8 for noninterviewed Type B or C households (see items 14 and 15 on the questionnaire for examples of each type). The record layout(s) for supplemental data collected then follows.

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 5, 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.

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. 123-29.

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 3 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	54.0
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 6
 CURRENT POPULATION SURVEY
 ADULT INTERVIEW RECORD LAYOUT
 FOR STANDARD TAPE COPIES
 (Beginning January 1984)

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		
2	4-6	Household ID Number	All	
	1-6			
3	1-3			
4	4	Region (From N.S.T.)	All	1 Northeast 2 North Central 3 South 4 West

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

-more-

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

--more--

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code in Division Code) (From U.S.T.) (Gen'l)	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

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Attachment A

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

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Attachment A

Word	Char.	Characteristic	Universe	Description	1970 Rank
h	1-2	State Rankings (From M.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

Attachment A

Word	Char.	Characteristic	Universe	Description	
A	1-2	State Bankings (Cont'd) (From H.S.T.)	All	Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Kansas	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
				Alameda	48
				Vermont	49
				Wyoming	50
				Alaska	51

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Attachment A

Word	Char.	Characteristic	Universe	Description	1970 Ranking
4	3-4	SMSA Rankings (From H.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
				Amherst-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-Riverside-Ontario, Calif.	29

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Attachment A

Word	Code	Characteristic	Universe	Description	
1	3-4	SMSA Rankings (Cont'd) (From H.S.T.)	SMSA's	Indianapolis, Ind.	30
				San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.	34
				Columbus, Ohio	36
				Rochester, N.Y.	38
				Sacramento, Calif.	42
				Fort Worth, Texas	44
				Birmingham, Ala.	45
				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
				Blank or Impossible	1
				Only CPS-1 for household	
				First CPS-1 of cont. household	2
				Second CPS-1 of cont. household	3
				Third, fourth, etc. CPS-1	4
5		Item 1 - INTERVIEWER CHECK ITEM	All		
6		Blank			

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Attachment A

Word	Char.	Characteristic	Universe	Description
5	1-3	Blank		
6	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit --NA, or APP-M79 (Excluding I--)
6	1	Item 12 - LINE NO. W'HD RESP.	All	Blank or Impossible 1-6 7
2		Item 13 - TYPE INTERVIEW	All	Blank or Impossible Non W'hd Resp. Blank Personal Tel. - Regular Tel. - Callback ICR Filled 2 3 4 5
3-4		Item 11 - DATE COMPLETED	All	Day of Month -- or 10-29
5		Item 26A1--Is . . . attending or enrolled in a high school, college or university?	Item 26=1	Yes No 1 2
6		Item 26A2--Verification of Item 26A1	Item 26A1=1	High School College or Univ. 1 2

Attachment A

Word	Char.	Characteristic	Universe	Description
7	1	Item 20 - Did...do any work at all LAST WEEK?	All	Blank or Impossible Yes No
	2	Item 20II - INTERVIEWER CHECK	All	Blank or Impossible 1-94 hours 1-3/4 hours 35-48 hours
	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
	4	Item 22 - Has...been looking for work during the past 4 weeks?	All	Blank or Impossible Yes No
	5	Item 24 - INTERVIEWER CHECK ITEM	All	Blank or Impossible Unit is in continuing rotation Unit is in departing rotation
	6	Blank		

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Attachment A

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

Attachment A		Universe		Description	
Word	Chnf.	Characteristic	Universe		Description
0	5	Blank			
6		Item 9 - HOUSEHOLD NUMBER	All		
9	1	Item 17 (Records) - What was...doing most of LAST WEEK (Major Activity)?	All		1-n 1 Working With a Job 2 Looking 3 Home 4 School 5 Unemployed 6 Other (Incl. Retired) 7 01-99 Number of Hours
2-3		Item 20A - How many hours did...work LAST WEEK at all jobs?	FSR 1		
4		Item 20C - Does...USUALLY work 35 hours or more a week at this job?	FSR 1 & Item 20A less than 35 hours		1 Yes 2 No
5-6		Item 20C - Reason less than 35 hours a week (Recorded)	FSR 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 home, school, etc. 13 Did not want full-time work 14 Full-time work week under 35 hours 15 Other reason

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Attachment A

Word	Char.	Characteristic	Universe	Description	
10	1	Item 21A - Why was...absent from work LAST WEEK?	ESR 2	Own 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	0
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 of... 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	
10	6	Item 22A - Methods (Cont.) Checked with employer directly.	ESR 3	Blank Entry	1
11	1	Checked with friends or relatives.	ESR 3	Blank Entry	1
2	2	Placed or answered ads.	ESR 3	Blank Entry	1
3	3	Nothing	ESR 4-7	Blank Entry	1
4	4	Other	ESR 3	Blank Entry	1
5	5	Item 22B - Why did...start looking for work?	ESR 3 Except layoff in Item 21A, coden 6 & 7	Lost job Quit job Left school Wanted temporary work Other	1 2 3 4 5
6	6	Item 22C - Weeks unemployed (New job starting in 30 days, weeks laid off, or weeks looking for work)	ESR 3	Number of Weeks	(XX-99)
12	1	Item 22D - Has...been looking for full-time or part-time work?	ESR 3	Full Part	1
2	2				

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Attachment A

Word	Charactertistic	Universe	Description	Yes	No
12	Item 22E - Digit 1 - Is there any reason why...could not take a job LAST WEEK?	ESII 3			1 2
	Item 22E - Digit 2 - Is there any reason why...could not take a job LAST WEEK?	ESII 3 & Yes in Digit 1	Already had a job Temporary illness		1 2
		ESII 4-7	{ Going to school Other	{	3 4
	Item 22F - When did...last work at a full-time job or business lasting 2 consecutive weeks or more? (RECORDED)	ESII 3	Re-entrants to Labor Force	{ In last 5 years Before last 5 years	1 2
			New entrants to Labor Force	{ Never worked full-time 2 weeks or more Never worked at all	3 4
	Item 26A - Which did...last work for pay at a regular job or business, either full- or part-time?	ESII 4-7 and Health in Sample is 4, or 0 (Departing relations)		Within past 12 months 1 up to 2 years ago 2 up to 3 years ago 3 up to 4 years ago 4, up to 5 years ago 5 or more years ago Never worked	1 2 3 4 5 6 7

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

-more-

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Attachment A

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

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Attachment A

Code	Char. Code	Characteristic	In Person	Header Option
15	3	Item 235 - Name of worker (Filled and Recoded)	a) ESR 1 or 2 b) ESR 3 c) ESR 4-7, Health In Sample Id 4 or 0 6 Item 2/A in 1-5.	1 Private 2 Government 3 Self employed 4 Without pay 5 Never worked or Never worked Full-Time
6-6		BLANK		
16	1-3	BLANK		
6-5		Item 10A - LINE NUMBER	ALL	01-39
6		Item 10B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Recode from Relationship To Reference Person)	ALL	1 Head with other relative (incl. wife) in household 2 Head with no other relative in household 3 Wife of head 4 Other relative of head 5 Nonrelative of head with other relatives (incl. wife) in household 6 Nonrelative of head with no other relatives in household

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

-more-

Word	Char.	Characteristic	Universe	Description
10	1-2	Item 10H - HIGHEST GRADE (OF SCHOOL) ATTENDED	ALL	None F1 F2 F3 F4 F5 F6 F7 F8 H1 H2 H3 H4 C1 C2 C3 C4 C5 C6+
3		Item 10I - GRADE COMPLETED	ALL	Yes No
4		PADDING		
5		Blank		
6		Item 26--Interview Check Item: This person is	ALL	16-24 Years of Age All Others

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Attachment A

Word	Char.	Characterizable	Univariate	Employed	Unemployment
19	1	Full - Employment Status Records (Last Check)	All	Working with job, not at work	1 2
	3			Looking	3
	4			Home	4
	5			School	5
	6			Unable	6
	7			Other (Included Not Read)	7
20	2	Item 26B--Is...enrolled in school as a full-time or part time student?	Item 26A1=1	Full-time	1
				Part-time	2
	3	Indicator for principal person of household	All 1/	No	0
				Yes	1
	4-6	Document Count (Within Work Unit)	All		0-1-999
20	1-3	Work Unit Number (From Breaker Sheet)	All		001 or 0A1-999
	4-5	Month	All		01-12
	6	Year - Last Digit	All		0-9
21 & 22	All	Final Weight	All		01-12 0-9

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

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There is no page 22.

Attachment A

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

05

Word Char. Characteristic Universe Description

Word	Char.	Characteristic	Universe	Description
26	5	Item 181 - 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

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

--more--

Attachment A

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

-more-

Attachment A		Universe	Description
Word	Char.		
20	2	All	Male white Female white Male other Female other
		All	Not in Universe In Universe
3		All	Civilian labor force Not in labor force
4		All	Not in labor force Employed full time Part time for economic reasons
5		All	Unemployed full time Employed part time Unemployed part time
6		All	Not in experienced labor force Employed Unemployed
29	1	All	Male head, living with relatives Male head, living without relatives Male relative of head Male nonrelative of head Female head, living with relatives Female head, living without relatives Wife of head Female nonrelative of head

-more-

056

Attachment A

Item	Class.	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-

Attachment A		Universe	Description
Word	Char.	Characteristic	
29	6	Civilian labor force	Not in Universe In Universe
			0 1
30	1	Unemployed	Not in Universe In Universe
			0 1
	2	Unemployed 15 weeks, or more	Not in Universe In Universe
			0 1
	3	Other HILF	Not in Universe In Universe
			0 1
	4	Full Time Labor Force	Not in Universe In Universe
			0 1
	5	Looking for full time work	Not in Universe In Universe
			0 1
	6	Wage and salary worker	Not in Universe In Universe
			0 1
31	1	Employed persons	Not in Universe In Universe
			0 1
	2	Employed persons (excluding farm worker & private household workers)	Not in Universe In Universe
			0 1
	3	Experienced Labor Force	Not in Universe In Universe
			0 1
	4	Full time experienced labor force	Not in Universe In Universe
			0 1

-more-

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

-more-

Attachment A		Universe		Description	
Item	Char.	Characteristic	Universe		
33	4	Full time labor force	All	Not in Unverse	0
				Employed Full Time	3
				Looking for Full Time Work	4
					0
					1
					00
					01
					02
					03
					04
					05
					06
					07
					08
					09
					00
					01
					02
					03
					04
					05
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					00
					01
					02
					03
					04
					05
					06
					07
					08
					09
					10
					11

-more-

Attachment A		Universe		Description	
Word	Chpt.	Characteristic	Universe	Major Activity	Other
35	1-2	Major Activity Ages 16-24	All	Major Activity	Other
				FEH, JSP	FEH, JSP
				10	17
				1	20
				2	21
				3	22
				4	23
				5	24
				6	25
				7	26
				8	27
				9	00
				All Others	
				Less than 55 years	00
				55 years	01
				56 "	02
				57 "	03
				58 "	04
				59 "	05
				60 "	06
				61 "	07
				62 "	08
				63 "	09
				64 "	10
				65 "	11
				66 "	12
				67 "	13
				68 "	14
				69 "	15
				70 "	16
				71 "	17
				72 "	18
				73 "	19
				74 "	20
				75+	21

-MOTO-

Attachment A

Word	Char.	Characteristic	Universe	Description																																																							
35	5-6	Employed status (civilian noninstitutional population)	All	<table border="0"> <tr> <td>Employed in Agriculture</td> <td>01</td> </tr> <tr> <td>Employed in Nonagriculture</td> <td>02</td> </tr> <tr> <td>Unemployed</td> <td>03</td> </tr> <tr> <td>UIIF</td> <td>04</td> </tr> <tr> <td>House</td> <td>05</td> </tr> <tr> <td>School</td> <td>06</td> </tr> <tr> <td>Unble</td> <td>07</td> </tr> <tr> <td>Other</td> <td>08</td> </tr> <tr> <td>Unpaid family worker (1-14 hours.) Agriculture</td> <td>09</td> </tr> <tr> <td>Unpaid family worker (1-14 hours.) Nonagriculture</td> <td>10</td> </tr> <tr> <td>Farm residents</td> <td>11</td> </tr> <tr> <td>Nonfarm residents</td> <td>12</td> </tr> </table>	Employed in Agriculture	01	Employed in Nonagriculture	02	Unemployed	03	UIIF	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																															
Employed in Agriculture	01																																																										
Employed in Nonagriculture	02																																																										
Unemployed	03																																																										
UIIF	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="0"> <tr> <td>Age</td> <td>Single</td> <td>MF</td> <td>MSA</td> <td>MID/DIV</td> </tr> <tr> <td>14-17</td> <td>01</td> <td>12</td> <td>23</td> <td>34</td> </tr> <tr> <td>18-19</td> <td>02</td> <td>13</td> <td>24</td> <td>35</td> </tr> <tr> <td>20-24</td> <td>03</td> <td>14</td> <td>25</td> <td>36</td> </tr> <tr> <td>25-34</td> <td>04</td> <td>15</td> <td>26</td> <td>37</td> </tr> <tr> <td>35-44</td> <td>05</td> <td>16</td> <td>27</td> <td>38</td> </tr> <tr> <td>45-54</td> <td>06</td> <td>17</td> <td>28</td> <td>39</td> </tr> <tr> <td>55-59</td> <td>07</td> <td>18</td> <td>29</td> <td>40</td> </tr> <tr> <td>60-64</td> <td>08</td> <td>19</td> <td>30</td> <td>41</td> </tr> <tr> <td>65+</td> <td>09</td> <td>20</td> <td>31</td> <td>42</td> </tr> <tr> <td>Less than 16 years old</td> <td>- 00</td> <td></td> <td></td> <td></td> </tr> </table>	Age	Single	MF	MSA	MID/DIV	14-17	01	12	23	34	18-19	02	13	24	35	20-24	03	14	25	36	25-34	04	15	26	37	35-44	05	16	27	38	45-54	06	17	28	39	55-59	07	18	29	40	60-64	08	19	30	41	65+	09	20	31	42	Less than 16 years old	- 00			
Age	Single	MF	MSA	MID/DIV																																																							
14-17	01	12	23	34																																																							
18-19	02	13	24	35																																																							
20-24	03	14	25	36																																																							
25-34	04	15	26	37																																																							
35-44	05	16	27	38																																																							
45-54	06	17	28	39																																																							
55-59	07	18	29	40																																																							
60-64	08	19	30	41																																																							
65+	09	20	31	42																																																							
Less than 16 years old	- 00																																																										
3-6	3-6	Marital status by activity Age 1A	All	<table border="0"> <tr> <td>Activity</td> <td>Single</td> <td>MF</td> <td>MSA</td> <td>MID/DIV</td> </tr> <tr> <td>School</td> <td>10</td> <td>21</td> <td>32</td> <td>43</td> </tr> <tr> <td>Other</td> <td>11</td> <td>22</td> <td>33</td> <td>44</td> </tr> <tr> <td>Not 16-21 years old</td> <td>- 00</td> <td></td> <td></td> <td></td> </tr> </table>	Activity	Single	MF	MSA	MID/DIV	School	10	21	32	43	Other	11	22	33	44	Not 16-21 years old	- 00																																						
Activity	Single	MF	MSA	MID/DIV																																																							
School	10	21	32	43																																																							
Other	11	22	33	44																																																							
Not 16-21 years old	- 00																																																										

Attachment A

Word	Char.	Characteristic	Uniforogo	REGISTRATION
36	5-6	Major Industry (II)	Civ. Labor Force	<p>Never Worked 00</p> <p>Agriculture 01</p> <p>Mining 02</p> <p>Construction 03</p> <p>Manufacturing 04</p> <p>Durable goods 05</p> <p>Non-durable goods</p> <p>Transportation and public utilities</p> <p>Postal 06</p> <p>Other transportation 07</p> <p>Other utilities 08</p> <p>Wholesale and retail trade 09</p> <p>Wholesale trade 10</p> <p>Retail trade</p> <p>Finance, insurance, and real estate 11</p> <p>Private household service 12</p> <p>Miscellaneous service 13</p> <p>Business and repair 14</p> <p>Personal, except private household 15</p> <p>Entertainment and recreation 16</p> <p>Medical, except hospitals 17</p> <p>Hospitals 18</p> <p>Welfare and religious 19</p> <p>Education 20</p> <p>Other professional services 21</p> <p>Forestry and fisheries 22</p> <p>Public administration 6A7</p>
		1/ Starting with January, 1983, "Postal" workers were moved from "Public Administration" and placed under "Transportation", "Railroads and railway express" were included with "Other transportation"		1/
		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.		2/

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-MORO-

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Attachment A

Description

Universe

Word Char. Characteristic

37 1-2 BLANK

EMP 01
UNEMP 05

C/M Private Government (Federal, Local, and State) Self-employed Unpaid family Worker

Civ. Labor Force

Class of worker Employed-Unemployed

3-4

-more-

Attachment A

Page 35

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

1/ 2/ See page 33

1/ 2/

-more-

Attachment A

Word	Char.	Characteristic	Universe	Description	
30	1-2	Detailed Industry (Cont'd)	Civ. Labor Force	Service-producing industries	
				Transportation and public utilities	20
				Postal	29
				Other transportation	30
				Communications	31
				Other public utilities	32
				Trade	33
				Wholesale	34
				Retail	35
				Eating and drinking places	36
				Other retail	37
				Finance, insurance, and real estate	38
				Banking and other finance	39
				Insurance and real estate	40
				Private household service	41
				Miscellaneous services	42
				Business and repair	43
				Business	44
				Repair	45
				Personal services, except private household	46
				Entertainment and recreation	47
				Professional services	48
				Medical, except hospitals	49
				Hospitals	50
				Welfare and religious	51
				Educational	52
				Other professional	53
				Forestry and fisheries	54
				Public administration	55
				Armed forces	56
				Other federal	57
				State	58
				Local	59

1/2/ See page 33.

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-PHOTO-

Attachment A

Page 30'

Code	Char. Characteristic	Universe	Description
30	3-6	BLANK	
37	1-2	Manufacturing	<p>Have worked or not Hfg. Incl. 00 household goods : "</p> <p>Lumber 02 Furniture 03 Stone, clay, glass 04 Primary metals 05 ✓ 3/ Fabricated metals (Incl. not spec. metal) 06 Machinery, exc. elect. 07 Electrical equipment 08 Transportation equipment 09 Automobiles 10 Aircraft 11 Other transportation equipment 12 Instruments 13 Miscellaneous 13</p>

3/ See page 36.

-micro-

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Attachment A

Word	Char.	Characterizable	Unlevered	Description	
39	1-2	Manufacturing (Cont)	Civ. Labor Force	Nonferrous Metals Food Tobacco Textiles Apparel Paper Printing Chemicals Petroleum Rubber and plastics Leather and not specified manufacturing	14 15 16 17 18 19 20 21 22 23
3-6		Persons not at work or hours at work	All	Unemployed and HILF With a job but not at work Illness Vacations Bad weather Labor dispute All other At work 1-4 hours 5-14 hours 15-21 hours 22-29 hours 30-34 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-

Word	Clint.	Attachment A	Characteristics	Univ. Prof.	Description	
37	5-6		At work 1-3/4 hours by hours at work	ESR = 1 (Perman'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 30-34 hours Usually work part time, economic reasons 1-4 hours 5-14 hours 15-29 hours 30-34 hours Usually work part time, noneconomic reasons 1-4 hours 5-14 hours 15-29 hours 30-34 hours	00 01 02 03 04 05 06 07 08 09 10 11 12
40	1-2		Detailed reason by hours 1-3/4	ESR = 1 (At Work) and 20A is less than 35	Not In Univeros Usually work full time Stack work Material shortages; plant or machine repair New job started Job terminated Holiday Labor dispute Bad weather Own illness On vacation All other	00 01 02 03 04 05 06 07 08 09 10

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Attachment A

Word	Chr.	Characteristic	Universe	Description	
10	1-2	Detailed reason by hours 1-3/4 (Cont'd)	ESR - 1 (All work) and 20A to 1000 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 work for 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	00 01 02 03 04 05 06
	5-6	Program Signal	All	Vacation Illness All other Not Paid Vacation Illness All other	07 08 09 10 11 12
41 thru 42	1 }	FADING			50

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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
2-3		125A (Edited) - Usual hours worked per week?	Eligible	Hours worked 00-99
4		125B (Edited) - Paid by hour?	Eligible	Yes No
5-6		125C (Edited) - Earnings per hour?	125B (Edited) = 1	Earnings per hour (2 implied decimal places) 0000-9999
49 and 50	1-2	125D (Edited, computed) 2/ Earnings per week	Eligible	Earnings per week 000-999

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

- (1) If outgoing rotation (wd. 1, ch. 2-4 or 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

Word	Char.	Characteristic	Universe	Description	Yes/No
50	6	Item 25E-Member of union? (Edited)	49:1=1		125A not allocated
51	1	125A Allocation Flag	Eligible		125A allocated
	2	125B Allocation Flag	Eligible		125B not allocated
	3	125C Allocation Flag	125B (Edited) = 1		125C not allocated
	4	125D Allocation Flag	Eligible		125D not allocated
	5	125 (Edited) Interviewer Check Item	EST 1 or 2 and 23E = P, F, S, or L		125D allocated
	6	123F (Edited) Interviewer Check Item	ALL		(Not in Universe) Entry (or NA) in 120A and P, F, S, or L in 123E Entry (or NA) in 121B and P, F, S, or L in 123E
52	1-3	125D (Edited) - Usual weekly earnings	3/		Weekly Earnings
52	4	Item 25F-covered by union contract?	WD/9:1=1 and 50:6=2 Eligible		Yes
52	5	Item 25E Allocation Flag	125E=No		No
52	6	Item 25F Allocation Flag			125E Not Allocated

Reported 25D value appears here for an hourly worker. If 25D was not reported for an hourly worker, this field is blank for weekly workers. This field is used for 25A x 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	Unlabeled	Description
------	-------	----------------	-----------	-------------

Basic CPS Allocation Flags

53	1	Item 5a	All	
	2	4		
	3	5b		
	4	9		
	5	All Labor Force Items		
	6	ESR		
54	1	18H		
	2	18G - Sex		
	3	18J		
	4	18E		
	5	18D		
	6	18I		
55	1	18H		
	2	18G - Veteran Status		
	3	19		
	4	23B		
	5	23C		
	6	23E		

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

Geographic Identification

Word Char. Characteristic Universe Description

Word	Char.	Characteristic	Universe	Description	Owned or being bought limited	No cash rent	No entry	Blank
59	1	Item 27	Tomuro (Unedited)	All	0	1	2	3
59	2	Item 28	Total Family Income (Unedited)	All	4	5	6	7
					8	9	A	B
					C	D	Blank	
3		Item 29A - Telephone in household (transcribe from control card item 30a)	Unedited 2/	All	Blank	Yes	No	1
4		Item 29B - Telephone available (transcribe from control card item 30b)	Unedited 2/	I-29a= No	Blank	Yes	No	2
5		Item 29C - Telephone interview acceptable (Transcribe from control card item 30d)	Unedited 2/	I-29a= Yes or I-29b= Yes	Blank	Yes	No	1
								2

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

July and November only. Padding all other months.

-more-

076 1/ 2/

Attachment A

Word Char. Characteristic Universe Description

59 }
 thru }
 60 }
 PADDING

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

-more-

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ATTACHMENT A

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

more

ATTACHMENT A
 WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

62	2-3	Major Industry	VALUES
		Same as 123E	01
		(Exc. Never	02
		worked)	03
		Agriculture	04
		Mining	05
		Construction	
		Manufacturing	
		Durable goods	
		Non-durable goods	
		Transportation, communications &	06
		other public utilities	
		Transportation	07
		Communications & public util.	08
		Communications	
		Utilities & smelter services	09
		Wholesale & retail trade	10
		Wholesale trade	11
		Retail trade	
		Finance, insurance & real estate	12
		Services	
		Private households	13
		Miscellaneous services	14
		Business & repair	15
		Personal services, exc. priv. hh	
		Entertainment & recreations	16
		Professional & related	17
		Hospitals	18
		Medical, exc. hospitals	19
		Educational	20
		Social services	21
		Other professional	22
		Forestry & fisheries	23
		Public administration	
		Armed Forces	

5-1 DOCUMENT RECORD LAYOUT (Effective 01/03)

ATTACHMENT A (Interview Adults)

IRD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
62 4-5	Detailed Occupation	Some no 123E	Never worked Managerial & professional specialty Executive, admin. & managerial Officials & admin., public admin. Other exec., admin. & managerial Management related Professional specialty Engineers Mathematical & computer scientists Natural scientists Health diagnosing Health assessment & treatment Teachers, college & university Teachers, exc. college & univ. Lawyers & judges Other professional specialty Technical, sales & administrative support Technicians & related Health technologists & tech. Engin. & science technicians Other technicians Sales Supervisors & proprietors Sales reps., finance & business Sales reps., commodities, except retail Sales workers, retail & personal Sales related Administrative support, including clerical Supervisors Computer equip. operators Secretaries, stenog., typists Financial records processing Mail & message distributor Other admin., incl. clerical	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

DATE 020183

ATTACHMENT A

WORD CHAR. CHARACTERISTIC UNIVERSE DESCRIPTION VALUES

62 4-5 Detailed Occupation (cont'd)

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

180

-more-

ATTACHMENT A

UNIVERSE CHARACTERISTIC

62 6 } Detailed Industry

63 1 }

VALUES

UNIVERSE	DESCRIPTION	VALUES
Some on 12ME	Never Worked	00
	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. &	12
	supplies	
	Transportation equipment	13
	Motor vehicles & equipment	
	Other transportation equip.	14
	Aircraft & parts	15
	Other trans. equip.	16
	Professional & photo equip.	17
	Toys, amusement & sporting goods	18
	Misc. & nec. mfg. industries	
	Nondurable goods	19
	Food & kindred products	20
	Tobacco manufactures	21
	Textile mill products	
	Apparel & other finished	22
	textile products	23
	Paper & allied products	
	Printing, publishing &	24
	allied industries	25
	Chemicals & allied products	26
	Petroleum & coal products	27
	Rubber & misc. plastics	28
	Leather & leather products	

ATTACHMENT A

UNIVERSE

CHARACTERISTIC

DESCRIPTION

VALUES

62

63

6

1

Detailed Industry (cont'd)

Same as 123E

Service-producing industries	29
Transportation, communication & other public utilities	
Transportation	
Communications & other public utilities	30
Communications	31
Utilities & sanitary serv.	32
Wholesale & retail trade	33
Wholesale trade	
Retail trade	
Finance, insurance & real estate	34
Banking & other finance	35
Insurance & real estate services	36
Private household	
Misc. services	37
Business & repair serv.	38
Business services	
Repair services	
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
Fornistry & 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	JOB CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
63	2-4	Item 230 - INDUSTRY (1980 Edited)	Same as I23E (Exc. Never worked)	3-digit Industry Code	010-991
63	5-6	Item 23C - OCCUPATION (1980 Edited)	Same as I23E (Exc. Never worked)	3-digit Occupation Code	003-905
64	1				
164	2-6	PADDING			

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

ATTACHMENT A (Interview Adults)

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	1-2	Item 18A - LINE NUMBER	All	Line Number	01-39
3		Item 18B - RELATIONSHIP TO REFERENCE PERSON	All	Reference person with other relatives in household Reference person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 8 9 A
4-5		Item 18C - PARENT'S LINE NUMBER	All	None Parent's line number	00 01-39
6		Item 18D - AGE	All	Age in Years	10-99
66	1-2	Item 18E - MARITAL STATUS	All	Married-Civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	1 2 3 4 5 6 7
4-5		Item 18F - SPOUSE'S LINE NUMBER	All	None Spouse's line number	00 01-39
6		Item 18G - SEX	All	Male Female	1 2

ATTACHMENT A (Interview Adults)

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
67	1	Item 18G - VETERAN STATUS	SEX=MALE	Vietnam Era Korean War World War II World War I Other Service Nonveteran	1 2 3 4 5 6
2-3		Item 18H - HIGHEST GRADE (of school) ATTENDED	ALL	None E1 E2 E3 E4 E5 E6 E7 E8 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			

080

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)

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

ATTACHMENT A (Interview Adults)

WORD	CHAR.	UNIVERSE	DESCRIPTION	VALUES
172	4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	0 Not a Family Member 1 < 25 Years Old 2 25-44 Years Old 3 45-54 Years Old 4 55-64 Years Old 5 65+ Years Old
5-6		SIZE OF PRIMARY FAMILY	ALL	00 Not in Primary Family 01-39 Number Individuals With HD 104:5=1,3
73	1	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	ALL	0 Not in Primary Family 1 No One Employed 2 Some Employed - No Wage and Salary Workers 3 With Wage and Salary Workers Husband, Wife or Reference Person Self-Employed 4 With Wage and Salary Workers Husband, Wife or Reference Person Not Self-Employed 5 Other Household Member Self-Employed With Wage and Salary Workers Only
2		USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	ALL	0 Not in Primary Family 1 No Earners 2 All Earners Full Time 3 Some Full Time, Some Part Time 4 All Earners Part Time
3		LABOR FORCE AND EARLIER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	0 Not in Primary Family/No Male 1 Employed Earner 2 Self Employed 3 Without Pay 4 Unemployed 5 Not in Labor Force 6 Armed Forces
4		LABOR FORCE AND EARLIER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	0 Not in Primary Family/No Female 1 Employed Earner 2 Self Employed 3 Without Pay 4 Unemployed 5 Not in Labor Force 6 Armed Forces
5		NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	0 Not in Primary Family 0 No Earners 1-0 1-0 Earners 9+ 9+ Earners

ATTACHMENT A (Interview Adults)

WORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
73 6	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	ALL	Not in Primary Family Not employed 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 9
4	PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

ATTACHMENT A (Interview Adults)

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

-End of Basic CPS Record-

ATTACHMENT 7
 CURRENT POPULATION SURVEY
 NONINTERVIEW TYPE A RECORD LAYOUT
 FOR STANDARD TAPE COPIES
 (BEGINNING JANUARY 1984)

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

-more-

Attachment B

Word	Char.	Characteristic	Universe	Description
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u> 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-

Attachment B

Word	Char.	Characteristic	Universe	Description
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
4	1-2	State Rankings (From M.S.T.)	All	1970 Ranking 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 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

-more-

Attachment B

Word	Char.	Characteristic	Universe	Description	1970 Ranking
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30
				Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Hawaii	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51
4	3-4	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

-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.

-more-

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

-more-

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

Attachment B

Word	Char.	Characteristic	Universe	Description
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	Other Unit Qtrs. not HU in rooming or boarding house Unit not permanent in trans. hotel, motel, etc. Tent or trailer site Other not HU 07 08 09 10
4		"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm Farm 1 2, 3
5		Blank		
6		Item 9 - HOUSEHOLD NUMBER (Unedited)	All	Blank 1-8
9 19	1 2	padding		1
3				
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

-more

Attachment B

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

-more-

Attachment B

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		1
52	6			2
	through			Blank

-more-

Word	Char.	Characteristic	Universe	Description
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BASIC CPS ALLOCATION FLAGS

53	1	Item 5a	ALL	Not Allocated	0
	2	4			
	3	5b			
	4	9			
53 Thru 54	5	Padding			
	2				
54	3	14 - Race			
54 Thru 58	4	Padding			
	5				
58	6	Geographic Identification			
59 Thru 80	1	Padding			
	6				

END OF BASIC CPS RECORD

ATTACHMENT 8
 CURRENT POPULATION SURVEY
 NONINTERVIEW TYPE B-C RECORD LAYOUT
 FOR STANDARD TAPE COPIES
 (Beginning January 1984)

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 1 3) Region 2 4) Region 2 5) Region 3 6) Region 3 7) Region 3 8) Region 4 9) Region 4

-more-

Attachment C

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

-more-

Attachment C

Word	Char.	Characteristic	Universe	Description																																																				
3	5-6	State (1st digit of State Code 1s 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	<p style="text-align: right;">1970 Ranking</p> <table style="width: 100%; border-collapse: collapse;"> <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> </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
California	01																																																							
New York	02																																																							
Pennsylvania	03																																																							
Texas	04																																																							
Illinois	05																																																							
Ohio	06																																																							
Michigan	07																																																							
New Jersey	08																																																							
Florida	09																																																							
Massachusetts	10																																																							
Indiana	11																																																							
North Carolina	12																																																							
Missouri	13																																																							
Virginia	14																																																							
Georgia	15																																																							
Wisconsin	16																																																							
Tennessee	17																																																							
Maryland	18																																																							
Minnesota	19																																																							
Louisiana	20																																																							
Alabama	21																																																							
Washington	22																																																							
Kentucky	23																																																							
Connecticut	24																																																							
Iowa	25																																																							
South Carolina	26																																																							

-more-

Attachment C

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

1970 Ranking

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

SMSA's

3-4 SMSA Rankings (From M.S.T.)

-more-

Attachment C

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.	

-more-

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

-more-

Attachment C

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

Attachment C

Word	Char.	Characteristic	Universe	Description
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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 HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above
				01 02 03 04 05 06

(Effective April 1984, Reflects new farm definition)

-more-

Attachment C

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

-more

Word	Char	Characteristic	Universe	Description
20	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
21	1-6	F111	All	(Binary 01)
22	1-5			
	6	Final Weight	All	"Regular Type B-C" Sub Sample 1 2-4
23	All	Blank		
24	1	Blank		
	2-3	PADDING		
	4-6	JRCRR		
25	1-2	Blank		
	3	PADDING		
	4-6	Blank		
26	1	SMSA Status Code	All	No. of errors charged to enumerator 000-999
				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

-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		1
	through			2
52	6			Blank

-more-

Attachment C

Word	Char.	Characteristic	Universe	Description
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BASIC CFS ALLOCATION FLAGS

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

END OF BASIC CFS RECORD

ATTACHMENT 9
 CURRENT POPULATION SURVEY
 ARMED FORCES INTERVIEW RECORD LAYOUT
 (BEGINNING JANUARY 1984)
 FOR STANDARD TAPE COPIES

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

-more-

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

-more-

Word	Char.	Characteristic	Universe	Description	1970 Ranking
4	1-2	State Rankings (From N.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

Word	Char.	Characteristic	Universe	Description	
4	1-2	State Bankings (Cont.) (From N.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	1970 Ranking
4	3-4	SHSA Rankings (From M.S.T.)	SHSA's	Not an SHSA and all other SHSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.- N.J.	04
				Detroit, Mich.	05
				San Francisco-Oakland, Calif.	06
				Washington, D.C.-Md.-Va.	07
				Boston, Mass.	08
				Massau-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-Riverside-Ontario, Calif.	29

Word	Char.	Characteristic	Universe	Description
1	3-4	SMSA rankings (Cont.) (From M.S.T.)	SMSA'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 Only CPS-1 for household First CPS-1 of cont. household Second CPS-1 of cont. household Third, fourth, etc. CPS-1
6		Blank		

-more-

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

-1A, or
A99-199
(Excluding I--)

1-6
7

2
3
4
5

-- or
10-29

-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 CPS-1 Document Items 5a. and 5b.)	ALL	<p>Nonfarm 1</p> <p>Farm 2, 3</p>

Word Char. Characteristic Universe Description

8 5 Blank
 6 Item 9 - HOUSEHOLD NUMBER ALL 1-8

9 1 }
 Through 6 }
 18 PADDING

Word	Character	Characteristics	Universe	Description
9	1-3	PADDING		
	4-6	Document Count (Within Work Unit)	ALL	001-999
0	1-3	Work Unit Number (From Breaker Sheet)	ALL	001 or ΔΔ1-99 9XX Assigned If Breaker was missing
	4-5	Month	ALL	01-12
	6	Year - Last Digit	ALL	0-9
21 & 22	ALL	Final Weight	ALL	Two Understood Decimal Places. (Right Justified, space fill -01)
3	1-6	PADDING		

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

--more--

Word	Char.	Characteristic	Universe	Description
26	5	Item 181 - ETHNICITY (Recode)	All	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	PADDING		
	5			
	6	BLANK		
20	1	PADDING		
	Through 6			
	64			

WORD CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
65	Item 10A - LINE NUMBER	ALL	Line Number	01-39
3	Item 10B - RELATIONSHIP TO REFERENCE PERSON	ALL	Reference Person with other relatives in household Reference Person with no other relatives in household Husband Wife Own child Parent Brother/Sister Other relative of reference person Non-relative of reference person - with own relatives in household Non-relative of reference person - no own relatives in household	1 2 3 4 5 6 7 0 9 A
4-5	Item 10C - PARENT'S LINE NUMBER	ALL	None Parent's line number	00 01-39
6	PADDING			
66	Item 10D - AGE	ALL	Age in Years	14-99
3	Item 10E - MARITAL STATUS	ALL	Married-civilian spouse present Married-Armed Forces spouse present Married-spouse absent (Exclude separated) Widowed Divorced Separated Never married	1 2 3 4 5 6 7
4-5	Item 10F - SPOUSE'S LINE NUMBER	ALL	None Spouse's line number	00 01-39
6	Item 10G - SEX	ALL	Male Female	1 2

132

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		ALL	LINE NUMBER ALLOCATION FLAG	0 1 2
6		ALL	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	0 1 2
70	1	ALL	PARENT'S LINE NUMBER ALLOCATION FLAG	0 2
2		ALL	AGE ALLOCATION FLAG	0 1 2
3		ALL	MARITAL STATUS ALLOCATION FLAG	0 1 2
4		ALL	SPOUSE'S LINE NUMBER ALLOCATION FLAG	0 2
5		ALL	SEX ALLOCATION FLAG	0 1 2
6			PADDING	
71	1	ALL	HIGHEST GRADE ATTENDED ALLOCATION FLAG	0 1 2
2		ALL	GRADE COMPLETED ALLOCATION FLAG	0 1 2
3		ALL	RACE ALLOCATION FLAG	0 1 2
4		ALL	ORIGIN ALLOCATION FLAG	0 1 2
5	thru 3		PADDING	

ATTACHMENT D (Armed Forces)

HORO CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
72 4	AGE OF PRIMARY FAMILY HOUSEHOLDER	ALL	Not a Family Member < 25 Years Old 25-44 Years Old 45-54 Years Old 55-64 Years Old 65+ Years Old	0 1 2 3 4 5
5-6	SIZE OF PRIMARY FAMILY	ALL	Not in Primary Family Number Individuals with MO 10415=1,3	00 01-39
73 1	PRIMARY FAMILY EARNERS HAGE AND SALARY STATUS	ALL	Not in Primary Family No One Employed Some Employed - No Hage and Salary Workers With Hage and Salary Workers Husband, Wife or Reference Person Self-Employed With Hage and Salary Workers Husband, Wife or Reference Person Not Self-Employed Other Household Member Self-Employed With Hage and Salary Workers Only	0 1 2 3 4 5
2	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	ALL	Not in Primary Family No Earners All Earners Full Time Some Full Time, Some Part Time All Earners Part Time	0 1 2 3 4
3	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	ALL	Not in Primary Family/No Male Employed Earner Self Employed Without Pay Unemployed Not in Labor force Armed Forces	0 1 2 3 4 5 6
4	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	ALL	Not in Primary Family/No Female Employed Earner Self Employed Without Pay Unemployed Not in Labor Force Armed Forces	0 1 2 3 4 5 6
5	NUMBER OF EARNERS IN PRIMARY FAMILY	ALL	Not in Primary Family No Earners 1-0 Earners 9+ Earners	0 0 1-8 9

ATTACHMENT D (Armed Forces)

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 1-6 9
74	1	HOUSEHOLD TYPE	ALL	Husband/Wife Primary Family - (With their 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 10 IN PRIMARY FAMILY	ALL	Not in Primary Family No Children < 10 Years Old All Children 14-17 Years Old All Children 6-13 Years Old All Children 0-5 Years Old Children 14-17 and 6-13 (No Children 0-5) Children 14-17 and 0-5 (No Children 6-13) Children 6-13 and 0-5 (No Children 14-17) Children from all Age Groups	0 1 2 3 4 5 6 7 8
4		PRIMARY FAMILY RELATIONSHIP	ALL	Not in Primary Family Husband Wife Own Child Other Relative Unmarried Reference Person	0 1 2 3 4 5

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 ^{and} 1-6				
77 1-2	HOUSEHOLD SIZE	ALL	Number of Persons in Household	01-39
3-4	NUMBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Families	00-39
5-6	PADDING			
78 1-6	FAMILY EARNINGS HEIGHT	MIS=4,8	Two Implied Decimal Places, Right Justified, Space Filled (01)	
79 ^{and} 1-6				
80 1-2	PADDING			
3-6	TOTAL WEEKLY FAMILY EARNINGS	MIS=4,8	Not in Primary Family Usual Weekly Family Earnings	Blank 0000-9999

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

ATTACHMENT 10
 CURRENT POPULATION SURVEY
 CHILDREN'S INTERVIEW RECORD LAYOUT
 (BEGINNING JANUARY 1984)
 FOR STANDARD TAPE COPIES

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

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

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

-more-

Hord	Char.	Characterizable	Universe	Description	
3	5-6	State (last digit of State Code in Division Code) (From H.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-

Word	Char.	Characteristic	Delivery	Description	
f	5-6	State (last digit of State Code in Division Code) (From M.S.T.) (Com'l)	All	<u>West South Central Division</u>	71
				Arkansas	72
				Louisiana	73
				Oklahoma	74
				Texas	
				<u>Mountain Division</u>	
				Montana	01
				Idaho	02
				Wyoming	03
				Colorado	04
				New Mexico	05
				Arizona	06
				Utah	07
				Nevada	00
				<u>Pacific Division</u>	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

-more-

Word	Chart	Characteristic	Unlverno	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	Universo	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	1970 Ranking
6	3-4	SMSA Rankings (From H.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.-W.Va.	07
				Boston, Mass.	08
				Massau-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
				Annholm-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-Riverdale-Ontario, Calif.	29

--more--

Word	Char.	Characteristic	Unit/Verbs	Description	
4	3-4	SHSA Rankings (Cont.) (From N.S.T.)	BRIGAD	30 31 32 33 34 36 38 42 44 45 46 48 49 53 57	<p>Indiannopolis, 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.</p>
5		Item 1 -- INTERVIEWER CHECK ITEM	All	Blank or Impossible Only CFS-1 for household First CFS-1 of cont. household Second CFS-1 of cont. household Third, fourth, etc. CFS-1	1 2 3 4
6		Blank			

Word	Char.	Characteristic	Unlverts	Description
5	1-3	Blank		
	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit
6	1	Item 12 - LINE NO. H'ILD RESP.	All	Blank or Impossible
	2	Item 13 - TYPE INTERVIEW	All	Non H'ild Resp.
	3-4	Item 11 - DATE COMPLETED	All	Day of Month
	5-6	PADDING		
7	1-5	PADDING		
	6	BLANK		

-11A, or
APP-199
(Excluding I--)

1-6
7

2
3
4
5

-- or
14-29

-more-

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

memo-

Word Char. Characteristic Universe Description

0	5	Blank		
	6	Item 9 - HOUSEHOLD HUMMER	All	1-8
9	1	} PADDING		
	Through			
16	3			

-more-

Code	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	10J	RACE (Recode)	All	White 1 Black 2 Other 3
5	10G	SEX	All	Male 1 Female 2
6		PADDING		
1-3		PADDING		
4		Program Signal	All	1 Child in Household 1 2 or more children in household 2
5		Blank		
8	6	Item 18N - 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

-more-

Word	Character	Characteristics	Interview	Description
19	1-2	PADDING		
	3	FLAD	Children 0-13 years --	(NOTE: '0' or '1' in this position on Adult records as household indicator on non-interview records or principal person indicator on interview records.)
	4-6	Document Count (Within Work Unit)	All	001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	001 or ΔΔ1-99 9XX Assigned
	4-5	Month	All	01-12
	6	Year - Last Digit	All	0-9
21 &	All	Final Weight	All	
22	1-6	PADDING		

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

Word	Char.	Character/Info	Unlvoron	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

Word	Char.	Characteristic	Univerno	Description
26	5	Item 101 - ETHNICITY (Records)	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 NA NA
	6	PADDING		
27	1-2	PADDING		
27	3	BLANK		
	4 } 5 }	PADDING		
	6	BLANK		
28	1 } Through } 58 } 6 }	PADDING		

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

Unedited Basic CPS Transcription Items 1/				
			All	
59	1	Item 27	Tomuro (Unedited)	Owned or being bought financed
59	2	Item 28	Total Family Income (Unedited)	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
				No Entry
				Blank
				Yes
				No
			All	Blank
				Yes
				No
			I-29a=	Blank
			No	Yes
				No
			I-29a=	Blank
			Yes	Yes
			or	No
			I-29b=	No
			Yes	Blank
				Yes
				No
				Blank
				Yes
				No
				Blank
				Yes
				No

64 thru 66) PADDING

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

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

ATTACHMENT B (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 10F - 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 Related Subfamily Unrelated Subfamily Secondary Individual	1 2 3 4 5
	6	FAMILY RELATIONSHIP	ALL	Not a Family Member Reference Person Spouse Child Other Relative (Primary Family only)	0 1 2 3 4
69	1-4	PADDING			
	5	LINE NUMBER ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	RELATIONSHIP TO REFERENCE PERSON ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
70	1	PARENT'S LINE NUMBER ALLOCATION FLAG	ALL	No Change Value Allocated	0 2
	2	AGE ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	3-4	PADDING			
	5	SEX ALLOCATION FLAG	ALL	No Change Blank to Value Old Value to New Value	0 1 2
	6	PADDING			

ATTACHMENT B (Interview Children)	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
71	1-2		PADDING	
3		ALL	RACE ALLOCATION FLAG	0 1 2
4		ALL	ORIGIN ALLOCATION FLAG	0 1 2
5			PADDING	
72	3			
4		ALL	AGE OF PRIMARY FAMILY HOUSEHOLDER	0 1 2 3 4 5
5-6		ALL	SIZE OF PRIMARY FAMILY	00 01-39
73	1	ALL	PRIMARY FAMILY EARNERS WAGE AND SALARY STATUS	0 1 2 3 4 5
2		ALL	USUAL FULL-TIME/PART-TIME STATUS OF PRIMARY FAMILY EARNERS	0 1 2 3 4
3		ALL	LABOR FORCE AND EARNER STATUS (MALE) OF HUSBAND OF PRIMARY FAMILY OR MALE HOUSEHOLDER	0 1 2 3 4 5 6
4		ALL	LABOR FORCE AND EARNER STATUS (FEMALE) OF WIFE OF PRIMARY FAMILY OR FEMALE HOUSEHOLDER	0 1 2 3 4 5 6
5		ALL	NUMBER OF EARNERS IN PRIMARY FAMILY	0 0 1-6 9+

ATTACHMENT B (Interview Children)

WORD	CHAR.	UNIVERSE	DESCRIPTION	VALUES
73	6	ALL	NUMBER OF UNEMPLOYED IN PRIMARY FAMILY	0 1-8 9
74	1	ALL	HOUSEHOLD TYPE	0 1 2 3 4 5 6 7 8 9
2		ALL	NUMBER OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	0 1 2 3 4 5 6 7 8 9
3		ALL	PRESENCE OF OWN CHILDREN LESS THAN 18 IN PRIMARY FAMILY	0 1 2 3 4 5 6 7 8 9
4		ALL	PRIMARY FAMILY RELATIONSHIP	0 1 2 3 4 5

ATTACHMENT E (Interview Children)

WORD	CHAR.	CHARACTERISTIC	UNIVERSE	DESCRIPTION	VALUES
74	5-6	PADDING			
75	1-6	FAMILY WEIGHT	ALL	Two Implied Decimal Places, Right Justified, Space Filled (01)	
76	1-6				
77	1-2	HOUSEHOLD SIZE	ALL	Number of Persons in Household	01-39
	3-4	NUMBER OF FAMILIES IN HOUSEHOLD	ALL	Number of Families	00-39
	5-6	PADDING			
78	1-6	FAMILY EARNINGS HEIGHT	HIS=4,0	Two Implied Decimal Places, Right Justified, Space Filled (01)	
79	1-6				
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

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

ATTACHMENT 11
 CURRENT POPULATION SURVEY
 June 1984 Fertility Supplement
 Record layout for Public Use File
 May 1985

Word	Char.	Item	Characteristic	Universe	Description
81-1 to 81-5			Blank		
81	6		U29 Interviewer Check Item	Female	Age 18-44 All Others NA
82	1		U30 - How many babies has ever had, if any?	U29 = 1	None 1 2 3 4 5 6 7 8 9 10+ NA
2			U31 - In what month was last child born?	U30 = Not Eq 1	January-September October-December NA
3-4			U31 - In what year was last child born?	U30 = Not Eq 1	1950-1989 NA
5			BLANK		
6			U32M - Transcription Item: Month of Woman's Birth	Female	January-September October-December NA
83	1-2		U32Y - Transcription Item: Year of Woman's Birth	Female	1930-1969 NA

JUNE 1984
 FERTILITY SUPPLEMENT RECORD LAYOUT

May 1985

Word	Char.	Item	Characteristic	Universe	Description
84	1-3		AS - Age of Subject (in months)	Females 18-44	216-539
	4-6		AYC - Age of youngest child (in months)	E30 = 1-10	0-371
85	1		E29	Female 18-44	Female 18-44 All others
	2-3		E30	E29 = 1	Number of Babies
	4		BLANK		0-10
	5-6		E31M	E31 = 1-10	January-December
86	1-2		E31Y	E31 = 1-10	1953-1984
	3-4		E32M	E31 = 1-10	January-December
	5-6		E32Y	E31 = 1-10	1939-1984
Allocation Flags					
87	1		A30	All	Not allocated Allocated
	2		A31	All	Not allocated Month Allocated Month and Year allocated

Word	Char.	Item	Characteristic	Universe	Description
87	3		A32M	All	1 Not allocated
					2 Month allocated
	4		A32Y	All	1 Not allocated
					2 Year allocated
88	5-6		HAGE-Husband's Age	HFLAG = 1	14-9'
					1
	1		HRACE-Husband's Race	HFLAG = 1	2 Black
					3 Other
	2		HFLAG-Husband Flag		Husband's information 0 not present
89	3-4		HED-Husband's Education (Highest Grade Completed)	HFLAG = 1	0 None
					1 E1
					2 E2
					3 E3
					4 E4
					5 E5
					6 E6
					7 E7
					8 E8
					9 H1
					10 H2
					11 H3
					12 H4
					13 C1
					14 C2
					15 C3
					16 C4
					17 C5
18 C6+					

JUNE 1984
 FERTILITY SUPPLEMENT RECORD LAYOUT

May 1985

Word	Char.	Item	Characteristic	Universe	Description
88	5		HESR - Husband's Employment Status Record	HFLAG = 1	1 Employed - Working 2 With job not at work 3 Unemployed - Looking 4 Not in { House Labor { School Force { Unable 6 Other (Includes 7 retired)
89	6		BLANK		
	1-2		Family Income	Female 18-44	0 Less than \$5,000 1 \$5,000 to 7,499 2 \$7,500 to 9,999 3 \$10,000 to 12,499 4 \$12,500 to 14,499 5 \$15,000 to 17,499 6 \$17,500 to 19,999 7 \$20,000 to 24,999 8 \$25,000 to 29,999 9 \$30,000 to 34,999 10 \$35,000 to 39,999 11 \$40,000 to 49,999 12 \$50,000 to 74,999 13 \$75,000 and over
	3-4		HOCC - Husband's Occupation	HFLAG = 1	Range 0-46 Same definition of items as Basic CPS Detailed Occ. (W99:3-4)


Word	Char.	Item	Characteristic	Universe	Description
89	5-6		HIND -- Husband's Industry	HFLAG = 1	Range 0-51 Same definitions of items as Basic CPS Detailed Industr (W99:5-6)
90	1		HFTPT -- Full-time or Part-time status	HFLAG = 1	Range 0-5 Same definitions of items as Basic CPS status (W28:5)
90-4	100-6		HHRWRK -- Husband-number hours worked last week BLANK	HFLAG = 1 & HESR = 1	Range 01-99

-END OF RECORD-

ATTACHMENT 12
UNWEIGHTED AND WEIGHTED COUNTS

TOTAL INTERVIEWS (CIVILIAN ONLY)	UNWEIGHTED	WEIGHTED (1000'S)
WHITE		
MALE		
<14	13722	19854
14+	49447	75727
FEMALE		
<14	12946	18869
14+	54439	82472
BLACK		
MALE		
<14	2160	3706
14+	5003	9174
FEMALE		
<14	2138	3643
14+	6532	11214
OTHER		
MALE		
<14	765	909
14+	1918	2401
FEMALE		
<14	750	867
14+	2169	2644
TOTAL RECORDS		
	UNWEIGHTED	WEIGHTED (1000'S)
TOT RECORDS	166055	231480
INTERVIEWS	151989	231480
<14	32481	47848
14+	119508	183632
ARMED FORCES	680	793
TYPE A	2812	0
TYPE B/C	10574	0

QUESTIONNAIRE FACSIMILE

INTERVIEWER CHECK ITEM Only CPS-1 for household <input type="checkbox"/> First CPS-1 of continuation h'hold <input type="checkbox"/> Second CPS-1 of continuation h'hold <input type="checkbox"/> Third, fourth, and 5th CPS-1 <input type="checkbox"/>	FORM CPS-1  U.S. DEPARTMENT OF COMMERCE Bureau of the Census CURRENT POPULATION SURVEY Form Approved - O.M.B. No. 0607-0049	CONTROL NUMBER PSD SEGMENT SERIAL
LINE NO. OF H' HOLD RESP. _____ NON H' HOLD RESPONDENT <input type="checkbox"/> <i>(Specify and Send Intercomm)</i>		
INTERVIEW ANY ENTRY OTHER THAN NEVER WORKED IN ITEMS 23A-E in this CPS-1 Yes <input type="checkbox"/> No <input type="checkbox"/> NONINTERVIEW TYPE A <input type="checkbox"/> TYPE B <input type="checkbox"/> TYPE C <input type="checkbox"/> <i>(SEND INTER COMM)</i>		

CURRENT

POPULATION

SURVEY

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

JUNE 1984

CHILDREN'S 10-13 years old. TRANSCRIPTION ITEMS
 (If more than 4 children in household, use continuation CPS-1 document)

FIRST CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card Item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G. SEX Male Female	18K. ORIGIN
	Own Child				
	Brother/Sister				
	Other relative of Reference Person				
	Non-rel. of Reference Person—WITH OWN RELS in household				
	Non-rel. of Reference Person—NO OWN RELS in household	None			

SECOND CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card Item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G. SEX Male Female	18K. ORIGIN
	Own Child				
	Brother/Sister				
	Other relative of Reference Person				
	Non-rel. of Reference Person—WITH OWN RELS in household				
	Non-rel. of Reference Person—NO OWN RELS in household	None			

THIRD CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card Item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G. SEX Male Female	18K. ORIGIN
	Own Child				
	Brother/Sister				
	Other relative of Reference Person				
	Non-rel. of Reference Person—WITH OWN RELS in household				
	Non-rel. of Reference Person—NO OWN RELS in household	None			

FOURTH CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card Item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G. SEX Male Female	18K. ORIGIN
	Own Child				
	Brother/Sister				
	Other relative of Reference Person				
	Non-rel. of Reference Person—WITH OWN RELS in household				
	Non-rel. of Reference Person—NO OWN RELS in household	None			

ARMED FORCES MEMBERS TRANSCRIPTION ITEMS
 (Fill only in alternate household for persons with 147 in CC item 22
 If more than 2 AF persons in household, use continuation CPS-1 document)

FIRST ARMED FORCES MEMBER				
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS
	Reference Person WITH other relatives in household			Married—civilian spouse present
	Reference Person with NO other relatives in household			Married—Armed Forces spouse present
	Husband			Married—spouse absent (Exclude separated)
	Wife			Widowed
	Own child			Divorced
	Parent			Separated
	Brother/Sister			Never married
	Other rel. of Ref. Person	None		
	Non-rel. of Ref. Person WITH OWN relatives in household			
	Non-rel. of Ref. Person with NO OWN relatives in household			

18F. SPOUSE'S LINE NO.	18G. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
	Male		Yes	1. White	
	Female		No	2. Black	
				3. Amer. Indian, Aleut, Eskimo	
				4. Asian or Pacific Isl.	
				5. Other	

SECOND ARMED FORCES MEMBER				
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS
	Reference Person WITH other relatives in household			Married—civilian spouse present
	Reference Person with NO other relatives in household			Married—Armed Forces spouse present
	Husband			Married—spouse absent (Exclude separated)
	Wife			Widowed
	Own child			Divorced
	Parent			Separated
	Brother/Sister			Never married
	Other rel. of Ref. Person	None		
	Non-rel. of Ref. Person WITH OWN relatives in household			
	Non-rel. of Ref. Person with NO OWN relatives in household			

18F. SPOUSE'S LINE NO.	18G. SEX Male Female	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
	Male		Yes	1. White	
	Female		No	2. Black	
				3. Amer. Indian, Aleut, Eskimo	
				4. Asian or Pacific Isl.	
				5. Other	

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CURRENT POPULATION SURVEY

1. INTERVIEWER CHECK ITEM

Only CPS-1 for household
 First CPS-1 of continuation of hold
 Second CPS-1 of continuation of hold
 Third, fourth, etc. CPS-1

(Fill all applicable items on this page)

(Transcribe items 1-13 from first 180 materials CPS-1)

2. COLOR CONTROL CARD

1-10
11-20 materials

3. CONTROL NUMBER

A B C D E

FORM CPS-1

MONTH YEAR

10. INTERVIEWER CODE
 A B C D E F G H J K L M

11. DATE COMPLETED

12. LINE NO. OF HHOLD RESP

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)

OTHER UNIT
 Quarters not HU in rooming or boarding house
 Unit not permanent in transient hotel, motel, etc.
 Tent site or trailer site
 Student quarters in college dormitory
 Other not HU (Describe below)

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. HOUSEHOLD NO.

13. TYPE INTERVIEW
 Noninterview
 Personal
 Tel. - regular
 Tel. - 15 back
 CR filed

TYPE A		TYPE B		TYPE C (Send Inter Comm)	
14. (Mark reason and race.)		15.		16. This unit is intended for occupancy.	
REASON	RACE	Vacant - regular	} (Fill 16)	Demolished	} (Fill HHS if HU in item 4)
No one home	White	Vacant - storage of n/hid furniture		House or trailer moved	
Temporarily absent	Black	Temp. occ. by persons with URE		Outside segment	
Refused	All other	Unit or to be demolished	Converted to permanent business or storage	Merged	} (Omit 16-17)
Other - Occ (Describe below)		Under construction, not ready	Condemned	Built after April 1, 1970 (Yellow C.C.)	
		Converted to temp. business or storage	Occ. by Armed Force members or persons under 14	Built after April 1, 1980 (White C.C.)	
		Unoccupied tent site or trailer site	Permit granted, construction not started	Unused line of listing sheet	Other (Describe below)
		Other (Specify below)		Other (Describe below)	

17. This unit is intended for occupancy:
 Year round
 By migratory workers
 Seasonally
 Summers only
 Winters only
 Other (Describe below)

TRANSCRIPTION ITEMS Fill on FIRST CPS-1 of interviewed households

27. TENURE
 Owned or being bought
 Rented
 No cash rent

NOTES:

28. TOTAL FAMILY INCOME
 A B C D E F G H J K L M

REMINDER
 Fill items 18A-18K on pages 2, 3, 7, 9, and 11.

CODER NUMBER
 A B C D E F G H J K L M

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18. LINE NUMBER

19. What was ... doing most of LAST WEEK - Working, Keeping house, Going to school, or something else?

20. Did ... do any work at all LAST WEEK, not counting work around the house? (Note: if farm or business operator in non-urban area, use about unpaid work.)

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

20B. INTERVIEWER CHECK ITEM 49 (Skip to item 23)

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

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

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

20F. INDUSTRY

20G. OCCUPATION

21. (If in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK?

21A. Why was ... absent from work LAST WEEK?

21B. Is ... getting wages or salary for any of the time off LAST WEEK?

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

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

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

22B. Why did ... start looking for work? Was it because ... lost or quit a job at that time (pause) or was there some other reason?

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

2) How many weeks ago did ... start looking for work?

3) How many weeks ago was ... laid off?

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

22E. Is there any reason why ... could not take a job LAST WEEK?

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

23. DESCRIPTION OF JOB OR BUSINESS

23A. For whom did ... work? (Name of company, business, organization or other employer.)

23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., farm.)

23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)

23D. What were ...'s most important activities or duties at this job? (For example: types, keeps account books, files, sells cars, operates printing press, finishes concrete.)

23E. Was this person An employee of PRIVATE Co., bus. or individual for wages, salary or comm.?

23F. INTERVIEWER CHECK ITEM

24. INTERVIEWER CHECK ITEM (Rotation number) First digit of SEGMENT number is: 1, 2, 3, 5, 6 or 7 (Skip to 25) 4 or 8 (Go to 24A)

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

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

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

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

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

25. INTERVIEWER CHECK ITEM (Rotation number) First digit of SEGMENT number is: 1, 2, 3, 5, 6 or 7 (Skip to 26) 4 or 8 (Go to 25A)

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

25B. Is ... paid by the hour on this job?

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

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

25E. On this job, is ... a member of a labor union or of an employee association similar to a union?

25F. On this job, is ... covered by a union or employee association contract?

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
				Male (also Mark Vet. Status)	Female	E	H	C			

29. INTERVIEWER CHECK ITEM

This person is:

A) Female 19-44 years old (Read lead-in) (Ask 30)

B) All others (End questions)

Verify: Is ... attending or school, college, or university? (rent) on holiday or seasonal ... for summer vacation.

No (End Questions)

(Ask 268)

school as a full-time (nt)

END QUESTIONS

SUPPLEMENT

LEAD IN: THIS MONTH We ARE ASKING SOME ADDITIONAL QUESTIONS ABOUT HOW MANY CHILDREN WOMEN HAVE HAD

30. How many babies has ... ever had, if any? (Do not count stillbirths)

None (Skip to 32)

1 2 3 4 5 6 7 8 9 0

(Ask 31)

31. In what month and year was ... (last) child born?

Month: Year 19--

Jan July Feb Aug Mar Sept Apr Oct May Nov June Dec

(Fill 32)

32. Month and Year of Woman's birth (c.c. items 17a and 17c)

Month Year 19--

Jan July Feb Aug Mar Sept Apr Oct May Nov June Dec

(End Questions)

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***FI18 PRINT OF HEADER LABELS:

VOL1070818
HDR1CPSJUH84.FERTLTY107081800010001000100 85144 85144 85144 000000U1100-1
HDR2F1200000600

**ICOPY

1

***FI21 CURRENT DATA SET NUMBER IS - 00001
***WNT2 BLOCK 1, RECORD 1, RECORD 600

27 0 301127250149301001 J107119 13 1011 1
1 1

1163191064

***WNT2 BLOCK 1, RECORD 2, RECORD 600
34 0 302122350449301001 J337118 01 1011 1
1 1

1112117064

***WNT2 BLOCK 1, RECORD 3, RECORD 600
24 0 303123250449301001 J107118 23 1011 1
1 2

1062603064

***WNT2 BLOCK 1, RECORD 4, RECORD 600
34 0 303123450449301001 J107118 01 1011 1
1 1

1110117064

***WNT2 BLOCK 1, RECORD 5, RECORD 600
38 0 304125051849301001 J017118 01 2102 1
2 1

1096116064

***WNT2 BLOCK 1, RECORD 6, RECORD 600
38 0 304125151849301001 J017118 01 2102 1
2 2

1095116064

***WNT2 BLOCK 1, RECORD 7, RECORD 600
38 0 304125251849301001 J017118 01 2102 1
2 1

1094116064