

**CURRENT POPULATION SURVEY**

**MARCH 1988**

**TECHNICAL DOCUMENTATION**

**CURRENT POPULATION SURVEY, MARCH 1988**

**TECHNICAL DOCUMENTATION**

Washington, D.C.

1988

**U.S. DEPARTMENT OF COMMERCE**

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We are interested in the reaction of users to the usefulness of the information presented in this file and to the contents of the questions used to provide the data in this file (there is a facsimile of the questionnaire in the appendix). We welcome user recommendations for improving our survey work. If you have suggestions or comments, please send them to:

Current Survey Comments  
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Name of File: **Current Population Survey, March 1988**

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# TABLE OF CONTENTS

Current Population Survey, March 1988

<b>Abstract</b> .....	1
<b>Overview</b> .....	5
Introduction.....	5
CPS Sample .....	6
Relationship of Current Population Survey Files to Publications.....	7
Questionnaire Coverage.....	7
File Structure.....	10
Geographic Limitations.....	10
Weights.....	11
Earnings Data.....	11
<b>Changes in Current Population Survey Weighting</b> .....	13
Changes in Race Categories Used for Controlling Independent Population Estimates.....	13
March CPS Labor Force Estimates.....	13
Introduction of 1980 Decennial Census Population Controls.....	14
Impact of Processing Changes.....	14
New Weighting Procedure.....	15
<b>Matching of March CPS Files</b> .....	15
<b>Introduction of 1980 Census Industry and Occupation (I/O)</b> .....	17
Classification Systems .....	19
<b>How to Use the Data Dictionary</b> .....	21
<b>Changes in the Data Dictionary Since 1987</b> .....	21
<b>Relationship of Questionnaire Items to Field Names on the Annual Demographic File</b> .....	23
<b>Data Dictionary Index</b> .....	29
Household Record Index.....	31
Family Record Index.....	33
Person Record Index .....	33
<b>Data Dictionary</b> .....	39
Household Record.....	49
Family Record .....	57
Person Record .....	57
<b>Glossary</b> .....	81
Geographic Concepts.....	83
Subject Concepts.....	83

## APPENDICES

### Appendix A - Industry Classifications

A1 - Industry Classification Codes (3-digit).....	A-1
A2 - Detailed Industry Recodes (01-46) .....	A-9
A3 - Major Industry Recodes (01-14) .....	A-11

### Appendix B - Occupation Classifications

B1 - Occupational Classification Codes for Detailed Occupational Categories (3-digit).....	B-1
B2 - Detailed Occupation Recodes (01-52) .....	B-15
B3 - Major Occupation Group Recodes (01-14).....	B-19

### Appendix C - Selected Tables from the Current Population Survey, March 1988.....

C-1

### Appendix D - Questionnaire Facsimiles

D1 - Facsimile of Basic Questionnaire .....	D-1
D2 - Facsimile of March Supplement Questionnaire .....	D-13

### Appendix E - Specific Metropolitan Identifiers

List 1: CMSA/MSA 1983 Rank Codes (MSARANK).....	E-1
List 2: PMSA 1983 Rank Codes (PMSARANK) .....	E-7
List 3: Individual Central City Codes (CCCODE) .....	E-9
List 4: FIPS MSA/PMSA Codes (SMSAFIPS) .....	E-11

### Appendix F - Topcoding of Usual Hourly Earnings .....

F-1

### Appendix G - Source and Reliability .....

G-1

### Appendix H - User Notes .....

H-1

March 1989

## **ABSTRACT**

Current Population Survey, March 1988  
[machine-readable data file] / conducted by  
the Bureau of the Census for the Bureau of  
Labor Statistics. -Washington: Bureau of  
the Census [producer and distributor], 1988.

### **Type of File:**

Microdata; unit of observation is individuals, families, and households.

### **Universe Description:**

The universe is the civilian noninstitutional population of the United States living in housing units and male members of the Armed Forces living in civilian housing units on a military base or in a household not on a military base. A probability sample is used in selecting housing units.

### **Subject-Matter Description:**

This file, also known as the Annual Demographic File, provides the usual monthly labor force data, but in addition, provides supplemental data on work experience, income, noncash benefits, and migration. Comprehensive information is given on the employment status, occupation, and industry of persons 14 years old and over. Additional data for persons 15 years old and older are available concerning weeks worked and hours per week worked, reason not working full time, total income and income components, and residence on March 1, 1987. Data on employment and income refer to the preceding year, although demographic data refer to the time of the survey.

This file also contains data covering nine noncash income sources: food stamps, school lunch program, employer-provided group health insurance plan, employer-provided pension plan, personal health insurance, Medicaid, Medicare, CHAMPUS or military health care, and energy assistance.

Characteristics such as age, sex, race, household relationship, and Spanish origin are shown for each person in the household enumerated.

### **Geographic Coverage:**

State of residence is uniquely identified as well as census geographic division and region. The 113 largest metropolitan statistical areas (CMSA's or MSA's), an additional 89 selected MSA's, 66 selected PMSA's, and 30 central cities in multi-central city MSA's or PMSA's are also uniquely identified.<sup>1</sup> Within confidentiality restrictions, indicators are provided for MSA-PMSA/non-MSA-PMSA, central city/noncentral city, farm/nonfarm, and MSA/CMSA size.

### **Technical Description:**

File Structure: Hierarchical.

File Size: 295,266 logical records; record size is 408 characters.

File Sort Sequence: Census state code (MSTSTATE), then MSA/PMSA rank code

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1. MSA's = Metropolitan Statistical Areas; CMSA's = Consolidated Metropolitan Statistical Areas; PMSA's = Primary Metropolitan Statistical Areas.



## Reference Materials:

*Current Population Survey, March 1988 Technical Documentation.* The documentation includes this abstract, pertinent information about the file, a glossary, code lists, and a data dictionary. One copy accompanies each file order. When ordered separately, it is available for \$5 from Data User Services Division, Customer Services (Order Desk), Bureau of the Census, Washington, D.C. 20233.

## Related Printed Reports:

Data from the March Current Population Survey are published most frequently in the Current Population Reports P-20 and P-60 series. These reports are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Forthcoming reports will be cited in *Census and You*, CENDATA™, the *Monthly Product Announcement* (MPA), and the *Bureau of the Census Catalog and Guide*.

## Related Machine-Readable Data Files:

A public use edition of the Current Population Survey, March file is available for each year since 1968. For 1980 and 1984 two March files are available for each year. The first March 1980 file contains estimates based on 1970 population counts and should be used for historical comparisons ending in 1980. The reweighted March 1980 file contains estimates based on results of the 1980 census and should be used for comparisons between 1981 and 1984.

Beginning in April 1984, the CPS sample was gradually replaced by a new sample. Thus, a second March 1984 file was created and should be used for comparison with 1985 and forward files.

Some non-March data also are available from 1968 to present. For more information, request the *Data Developments* on the Current Population Survey from Data User Services Division, Customer Services (Order Desk), Bureau of the Census, Washington, D.C. 20233.

## File Availability:

The file may be ordered from Data User Services Division using the Customer Services order form for tapes on the following page. This file is available with the technical options listed below at a cost of \$175 per reel.

	<u>Reels</u>	<u>Costs</u>
9 track, 1600 bpi (EBCDIC or ASCII)	3	\$525
9 track, 6250 bpi (EBCDIC or ASCII)	1	\$175



## 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 40 years. Currently, we interview about 56,500 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 salary 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.

The March CPS, also known as the Annual Demographic File, contains the basic monthly demographic and labor force data described above, plus additional data on work experience, income, noncash benefits, and migration.

#### CPS Sample

The CPS sample is based on the civilian noninstitutional population of the United States. The sample is located in 729 sample areas comprising 1,973 counties and independent cities with coverage in every State and in the District of Columbia.

In all, some 70,000 housing units or other living quarters are assigned for interview each month; about 56,500 of them containing approximately 117,500 persons 14 years old and over are interviewed. Also included are demographic data for approximately 31,500 children 0-13 years old and 650 Armed Forces members living with civilians either on or off base 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 13,500 noninterview households are present each month. The resulting file size is approximately 163,000 records. In March of each year supplemental data are collected for male Armed Forces members residing with their families in civilian housing units or on a military base. The Armed Forces members, however, are not asked the monthly labor force questions or the supplemental questions on work experience. In addition, the March CPS is supplemented with a sample of Spanish households identified the previous November. This results in the addition of about 2,500 households in the March CPS. The inclusion of the additional sample of Spanish households began in 1976. 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

Of particular interest to users of the March microdata file would be those reports based on information collected in March. These reports include the following titles:

- P-20 Population Profile of the United States: (Year)
- P-20 Household and Family Characteristics: March (Year)
- P-20 Households, Families, Marital Status, and Living Arrangements: March (Year)
- P-20 Geographical Mobility (Years)
- P-20 Educational Attainment in the United States (Years)
- P-20 Persons of Spanish Origin in the United States (Year)
- P-60 Money Income and Poverty Status of Families and Persons in the United States: (Year)
- P-60 Characteristics of the Population Below the Poverty Level: (Year)
- P-60 Characteristics of Households Receiving Selected Noncash Benefits: (Year)

All *Current Population Reports* may be obtained by subscription from the U.S. Government Printing Office. Subscriptions are available as follows: Population Characteristics, Special Studies, Farm Population, and Consumer Income series (P-20, P-23, P-27, P-60) combined, \$71.00 per year (sold as a package only); Population Estimates and Projections (P-25), \$25.00 per year. Single issues may be ordered separately; ordering information and prices are provided on CENDATA, in the *Bureau of the Census Catalog and Guide*, in *Census and You*, and the *Monthly Product Announcement* (MPA).

## Questionnaire Coverage

Questionnaire facsimilies of March 1988 CPS are shown on pages D-13 to D-27 in this documentation. CPS-1 items 19-26B shown on pages D-4 and D-5 of this document are not asked of Armed Forces members but only of civilians 14 years old and older. This part of the questionnaire is referred to as the monthly (basic) labor force section because these questions are asked every month.

CPS-665 items 29-76B shown on pages D-15 to D-27 of this document are referred to as March supplement items because these questions are asked only in households in the March CPS sample. Please note that questions 29-46E on work experience are not asked of Armed Forces members. Beginning with the March 1980 CPS, supplement data are processed for the population 15 years old and older.

Certain data items appearing on both the monthly (basic) questionnaire and the March supplement questionnaire may not have the same meaning. To avoid any misunderstandings, the user should refer to the glossary of this documentation.

## File Structure

There is a household record for each household or group quarters. The household record is followed by one of three possible structures:

A. If the household contains related persons and is not a group quarters household:

1. The family record appears next followed by person records for members of the family who are not also members of a related subfamily. The person records would be ordered: family householder, spouse of family, householder, children in the family, and other relatives of the family householder.
2. The above records may be followed by one or more related subfamily records, each related subfamily record being followed immediately by person records for members of that related subfamily. The person records would be ordered: reference person of the related subfamily, spouse of subfamily reference person, and children of subfamily reference person.
3. The above records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by person records for members of that unrelated subfamily. The person records would be ordered: unrelated subfamily reference person, spouse of subfamily reference person, children of subfamily reference person, and other relatives of the subfamily reference person.
4. The above records may be followed by one or more persons living with nonrelatives family records, each to be followed by the person record for the unrelated individual it represents. (See Figure 1.)

B. If the household contains a householder with no relatives and is not a group quarters household:

1. The family record for the nonfamily householder is followed immediately by the person record for that nonfamily householder.
2. These records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by the person records for members of that unrelated subfamily.
3. These records may be followed by one or more family records for persons living with nonrelatives, each person living with nonrelatives family record being followed immediately by the person record for that person living with nonrelatives. (See Figure 2.)

C. If the household is a group quarters, each person is defined as a person living with nonrelatives. There will be a family record followed by a person record for each person in the group quarters.

**Figure 1. Illustration of Record Sequence for Households Containing a Family.**

**Household Record**

**Family Record**

Person 1 (Householder) Record

Person 2 (Spouse) Record

.

.

.

Person n (Family Member)

**Family (Related Subfamily Record)**

Person 1 (Related Subfamily Reference Person) Record

Person 2 (Spouse) Record

.

.

.

Person n (Related Subfamily Member) Record

**Family (Unrelated Subfamily) Record**

Person 1 (Unrelated Subfamily Reference Person) Record

Person 2 (Spouse) Record

.

.

.

Person n (Unrelated Subfamily Member) Record

**Family (Persons Living With Nonrelatives) Record**

Person 1 (Person Living With Nonrelatives) Record

**Figure 2. Illustration of Record Sequence for Households Containing a Nonfamily Householder.**

Household Record

Family (Nonfamily Householder) Record

Person (Nonfamily Householder) Record

Family (Unrelated Subfamily) Record

Person 1 (Unrelated Subfamily Reference Person) Record

Person 2 (Spouse) Record

.

.

.

Person n (Unrelated Subfamily Member) Record

Family (Person Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

**Figure 3. Illustration of Record Sequence for Group Quarters.\***

Household Record

Family (Persons Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

**\* NOTE:** Each person in group quarters is by definition a person living with nonrelatives.

## Geographic Limitations

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

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

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. Consequently, data for states are not as reliable as national data, and the file will lose some of its utility in certain applications. For further discussion of such considerations, the user should consult *The Current Population Survey: Design and Methodology* (Technical Paper 40, U.S. Bureau of the Census).

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

For all CPS data files a single weight is prepared and used to compute the monthly labor force status estimates. An additional weight was prepared for the earnings universe which roughly corresponds to wage and salary workers in the two outgoing rotations. This is explained below in the section on earnings data. However, the difference in content of the March CPS supplement requires the presentation of additional weights: a household weight, a family weight, and a March supplement weight. In this section we briefly describe the construction and use of these weights. Chapter 5 of Technical paper 40, *The Current Population Survey: Design and Methodology* provides documentation of the weighting procedures for the CPS both with and without supplement questions.

The final weight, which is the product of several adjustments, is used to produce population estimates for the various items covered in the regular monthly CPS. This weight is constructed from the basic weight for each person, which represents the probability of selection for the survey. The basic weight is adjusted for special sampling situations and failure to obtain interviews from eligible households (noninterview adjustment). A two-stage ratio estimation procedure adjusts the sample population to the known distribution of the entire population. This two-stage ratio estimation process produces factors which are applied to the basic weight (after the special weighting and noninterview adjustments are made) and results in the final weight associated with each record. In summary, the final weight is the product of: (1) the basic weight, (2) adjustments for



special weighting, (3) noninterview adjustment, (4) first stage ratio adjustment factor, and (5) second stage ratio adjustment factor. This final weight should be used when producing estimates from the basic CPS data.

Differences in the questionnaire, sample and data uses for the March CPS supplement result in the need for additional adjustment procedures to produce what is called the March supplement weight. The sample for the March CPS supplement is expanded to include male members of the Armed Forces who are living in civilian housing or with the family on a military base, as well as additional Spanish households which are not included in the monthly labor force estimates.

The expanded sample and the need to have a husband and wife receive the same weight has resulted in a weighting system which produces the March supplement weight. The March supplement weight should be used for producing estimates from March supplement data.

Finally, household and family weights are the weights assigned from the householder or reference person after all adjustments have been made and should be used when tabulating estimates of families-households.

### **Earnings Data**

Beginning in 1982, usual hourly and weekly earnings data appear on the Annual Demographic File (ADF) for that portion of the population roughly corresponding to wage and salary workers (self-employed persons in incorporated businesses are excluded, although they are normally included with the wage and salary population). These data are now collected on a monthly basis in the two outgoing rotation groups as part of the basic CPS labor force interview.

Since the intent of the regular collection of earnings data was to initiate a family earnings data series, all persons in the two outgoing rotations receive an "earnings weight," even if they are not eligible for the earnings item. The earnings weight is a simple ratio-estimation to the person's labor force status by age, race, and sex. When tabulating estimates of earnings based on basic CPS data, use the earnings weight.

Further information on this earnings series is contained in *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey*, BLS Report #601, July 1980. This report is available on request from the U.S. Department of Labor, Bureau of Labor Statistics, Washington, D.C. 20212. Attn: Office of Inquiries and Correspondence.

NOTE: For 1982 and 1983, usual weekly earnings are not present for individuals who were not paid on an hourly basis.



## **CHANGES IN CURRENT POPULATION SURVEY WEIGHTING**

The following describes three changes in the CPS weighting process which were first implemented with the March 1981 CPS supplement. As a result of these changes, caution should be used when comparing 1981 through 1986 estimates with those from earlier years.

### **Changes in Race Categories Used for Controlling Independent Population Estimates**

Race categories are used in ratio-estimation of the sample estimates to known distributions. Before 1981, the Black and other-not-White sample estimates were separately adjusted to known totals for those two populations. Then these two groups were combined for the final adjustment in the weighting process which adjusted to independent estimates for White/not-White populations.

Starting in 1981, the March file represents ratio estimates to Black and not-Black totals; moreover, a separate adjustment is not made for other-not-White. Analysis of results from the 1980 census indicated that reporting of race was not directly comparable with CPS because of different data collection procedures. As a result, it was determined that more precise estimates could be derived for Black and not-Black populations as compared to those available for White and not-White populations.

Starting in 1985, the March file represents ratio estimates to White/Black/Other and Hispanic/Nonhispanic. This new procedure provides better estimates of the Hispanic population and more detailed controls of the non-Black population.

### **March CPS Labor Force Estimates**

Before 1981, an adjustment was made so that certain March supplement labor force estimates would be identical to the same estimates in the regular March *Employment and Earnings* publication. It was felt, however, that this procedure hurt the reliability of many March supplement estimates and that users' needs for consistency between different publications were limited enough to warrant elimination of this stage of weighting. Beginning in 1981, labor force estimates taken from the March CPS supplement file will not be in absolute agreement with the published March labor force estimates.

### **Introduction of 1980 Decennial Census Population Controls**

The ratio estimation procedure used to produce the weights carried on the March CPS file involves, in part, the adjustment of sample results to independent estimates of the population. These independent estimates are computed by updating the civilian noninstitutional population counts derived from the latest decennial census. March CPS sample results for 1972 through 1980 were adjusted to independent estimates derived from the 1970 census. March CPS sample results from 1981 forward are based on the results of the 1980 census.

The population counts as of April 1, 1980 from the 1980 census differ substantially from the independent estimates for the same date based on the 1970 census. For example, the 1980-based estimate of the civilian noninstitutional population on April 1, 1980 was 222,420,441 compared with the 1970-based estimate for the same date of 217,400,244. Furthermore, while analysis is continuing, it is generally believed that the 1980 census reduced the undercount experienced in 1970 for the population as a whole and most notably for minority groups. As a result, differences for subpopulation groups may be disproportionately greater than that for the total population.

## Impact of Processing Changes

The following table shows population groups from the March 1980 and March 1981 Annual Demographic Files (ADF) based on both 1970 and 1980 population counts.

---

### Selected Statistics for the Civilian Noninstitutional Population (Numbers in Thousands)

	March 1981	March 1980		Change
		<u>Procedures Used</u>		
		New <sup>1</sup>	Old <sup>2</sup>	
	a	b	c	b-c
Total Population	224,425	222,271	217,245	5,026
White	192,398	191,161	187,489	3,672
Non-White	32,027	31,110	29,757	1,353
Black	26,348	25,914	25,357	557
Spanish	13,573	13,333	13,207	126
Total Males	108,276	107,268	104,836	2,432
Total Females	116,149	115,002	112,410	2,592

1. Based on 1980 census estimates.

2. Based on extrapolated 1970 census estimates.

NOTE: A version of the March 1980 file is available with 1980-based weights. This file provides the necessary bridge data for those users requiring more detailed direct comparisons between 1970- and 1980-based weights.

### New Weighting Procedure

The March 1986 Annual Demographic File reflects the use of a new weighting procedure introduced into the monthly CPS estimation procedure beginning in January 1985. Fields affected are those associated with March supplement weights: H196, F196, and P118.

Because the new estimation procedure may have an impact on any time series analysis, a reweighted 1984 file is available to bridge estimates.

## MATCHING OF MARCH CPS FILES

There are two basic limitations in linking the March CPS files across years. First, only fifty percent of the sample is included in two consecutive years. Second, the residents within the eligible housing units may have changed or appeared as noninterview records in one or both years. The result is a matched sample of considerably less than the upper limit of fifty percent. The basic procedures and variables used to link two or more March CPS files are outlined below.

### Sample Selection.

The first step in matching year  $t$  with year  $t + 1$  is to select from year  $t$  those housing units with a "month in sample" value of 1 through 4, and from year  $t + 1$  those units with a "month in sample" value of 5 through 8. This will identify the sample subset eligible for matching. Within this subset, housing units in year  $t$ , month 1 will match only with units in year  $t + 1$ , month 5, etc.

### Matching Housing Units.

Using one or more variables, it is possible to uniquely identify each housing unit in each sample rotation. However, because of changes in CPS procedures, the available information for matching housing units is not always identical. Below are the variables available for matching March CPS files.

Years:	1968-1971
Variables:	Random Cluster Code (F6-10) and Serial Number (F11-14)
Years:	1971-1972
	Changes in CPS clustering procedures and the accompanying change of household identification numbers prevent matching 1971 and 1972 March CPS files.
Years:	1972-1973
	The 1972 file uses 1960 random cluster codes while the 1973 file uses 1970 random cluster codes, thus precluding the matching of records.
Years:	1973-1975
Variables:	Random Cluster Code (F7-11), Segment Number (F12-16), and Serial Number (F217-218)
Years:	1975-1976
Variables:	1975: Random Cluster Code (F7-11), Segment Number (F12-16), and Serial Number (F217-218) 1976: Random Cluster Code (H35-39), Segment Number (H40-43), and Serial Number (H44-45)
Years:	1976-1977
	Matching is not possible because variables required for matching are in a different format each year.
Years:	1977-1985
Variable:	Household Identification Number (H18-29)
Years:	1985-1986
	Matching is not possible because the 1986 file is based entirely on the 1980 census design sample.
Years:	1986 Forward
Variable:	Household Identification Number (H18-29)

## **Matching Households, Families, and Persons**

Although the information presented above allows matching of housing units across years, it is possible that the residents of the housing unit have changed. Consequently, it is necessary to perform additional matches to insure resident comparability. The specific variables used to match residents will vary according to the needs of the project but it is more efficient to arrange the matching in a hierarchical sequence. For example, matching on sex and race should precede matching on age or household relationship. The user should carefully work through the possible changes in household structure that might result in an inappropriate rejection of a household. For example, a husband-wife family in year  $t$  that experienced a divorce and became a female headed household in year  $t+1$  would fail the test for matching sex of head. Clearly, the more criteria used in matching records will result in greater accuracy, but will also increase the expense and result in fewer matches.

## INTRODUCTION OF 1980 CENSUS INDUSTRY AND OCCUPATION (I/O) CLASSIFICATION SYSTEMS

The 1980 census I/O codes were implemented for the first time in the Current Population Survey in January 1983. Differences between the codes used in 1970 and those used in 1980 have little effect on industry-related data; however, the implementation of the new codes for occupation categories poses a problem in historical data analysis.

Differences between the 1970 and 1980 occupation classification systems affect classification at all levels. Commonly used terms such as white-collar, blue-collar, professional and technical, craft worker, and operative occupations have been eliminated. These identifiers have been replaced with new categories representing conceptual as well as language changes. The following table compares the 1970 and 1980 occupation categories at the broadest levels of aggregation.

### Occupational Groupings Based on the 1970 and 1980

#### Census Classification Systems

1970	1980
White-collar workers	Managerial and professional specialty
Professional and technical workers	Executive, administrative, and managerial
Manager and administrators, except farm	Professional specialty
Sales workers	Technical, sales, and administrative support
Clerical workers	Technicians and related support
Blue-collar workers	Sales occupations
Craft and kindred workers	Administrative support, including clerical
Operatives, except transport	Service occupations
Transport equipment operatives	Private household
Nonfarm laborers	Protective service
Service workers	Service, except private household and protective
Private household workers	Precision production, craft, and repair
Other service workers	Operators, fabricators, and laborers
Farm workers	Machine operators, assemblers, and inspectors
Farmers and farm managers	Transportation and material moving occupations
Farm laborers and supervisors	Handlers, equipment cleaners, helpers, and laborers
	Farming, forestry, and fishing

While the new occupation classification system allows comparisons between the March 1985 ADF, the 1980 census, and other postcensus data sets, its incorporation restricts comparisons with earlier ADF files.

Further information regarding the changes between the 1970 and 1980 classification systems is provided in the February 1983 issue of *Employment and Earnings* published by the Bureau of Labor Statistics. A nine-page list of conversion factors used for the occupation codes in the CPS is available from Data User Services Division, Customer Services, Bureau of the Census. This list contains each 1970 detailed occupation category and the 1980 major occupation category (or categories with percentages for each) into which it should be converted. It shows which detailed occupation categories belong to the 13 major occupation categories. This list can be used to make conversions in microdata files or in data aggregated by 1970 detailed codes.

Entitled *CPS Occupation Categories: Detailed 1970 and Major 1980 Classifications*, the conversion factors cost \$5 and are available from Customer Services (301) 763-4100).

Technical questions regarding the limitations of the conversion factors and the guidelines on data presentation should be directed to the Labor Force Statistics Branch of the Bureau's Population Division at (301) 763-5144.



## HOW TO USE THE DATA DICTIONARY

This computer-generated report documents the data contents and the record layout of the file. Below is a brief description of the information provided for each data item.

The first line of each data item description gives the name, size/scale, begin position, data type, and the variable label. Following those items, on subsequent lines, are any applicable notes and value codes. Each of these items is defined below.

1. **Name.** This is an arbitrarily assigned 8 character identifier. It may be a mnemonic such as "STATE" or "EDNUMBER", or sequential identifier such as "TAB1", "TAB2", etc.
2. **Size/Scale.** The size of a data item is given in characters. Scale factors, implied decimals, or multipliers are identified in the notes following the label, and in the footnotes.
3. **Begin.** This is the location in the data record of the first character of the data item.
4. **Data Type.** The data type indicates whether the data item is alphanumeric (A) or numeric (N).
5. **Description.** (This is not titled in the Data Dictionary.)

**Label.** This is a single 40 character line or a set of 40 character lines which describes the data item.

**Notes and Value Codes.** This section provides any relevant notes or footnote references. In addition, any value codes necessary for the data item are listed and labeled here.



## CHANGES IN THE DATA DICTIONARY SINCE 1987

Changes in the March 1988 CPS Data Dictionary are shown below. The number preceding the description (i.e., P139) indicates the character location of the data item. The number in parentheses following the description shows the character size of the data item.

### MARCH 1987 DATA DICTIONARY

#### Household Record

H118 (1) HENRGYHE  
H125 (1) HENRGYFL  
H129 (1) HFLAGHE  
H133 (1) HFLAGFL

#### Person Record

P139 (1) I40  
P343 (1) PENSPLAN  
P344 (1) INCLINPP  
P345 (1) INCLINGH  
P346 (1) PAIDGH  
P347 (1) WHOELSGH  
P348 (1) COVERGH  
P349 (1) HAVEMDCR  
P350 (1) COVMEDCR  
P351 (1) HAVEMDCD  
P352 (1) COVMEDCD  
P353 (1) HAVECPYN  
P354 (1) COVERCP  
P355 (1) HAVEHIYN  
P357 (1) WHOELSHI  
P389 (2) SPOUSELN

### MARCH 1988 DATA DICTIONARY

H118 (3) FILLER  
H125 (1) FILLER  
H129 (3) FILLER  
H133 (63) FILLER  
  
P139 (1) FILLER  
P351 (1) PENSPLAN  
P352 (1) INCLINPP  
P348 (1) INCLINGH  
P349 (1) PAIDGH  
P347 (1) HIOWN  
P357 (1) COVERGH  
P343 (1) HAVEMDCR  
P353 (1) COVMEDCR  
P344 (1) HAVEMDCD  
P354 (1) COVMEDCD  
P345 (1) HAVECPYN  
P355 (1) COVERCP  
P346 (1) HAVEHIYN  
P350 (1) WHOELSHI  
P389 (2) FILLER



## **RELATIONSHIP OF QUESTIONNAIRE ITEMS TO FIELD NAMES ON THE ANNUAL DEMOGRAPHIC FILE**

In March 1979 the Census Bureau introduced a new income supplement (CPS-665). However, the processing system has never been updated to reflect the new questionnaire. Instead, income items on the questionnaire were reformatted so that the existing processing system could be utilized. The Figures on the following pages show how the questionnaire items are reformatted into income fields on the annual demographic file. Figure 1 on page 24 lists the item number on the questionnaire and then gives the income type and name on the file. Figure 2 on page 26 lists the field name on the file and then gives the income type and questionnaire item number which shows more clearly all the income types that may be included under the same variable on the file.

Figure 1. Income Supplement (CPS-665) Items by Questionnaire Item, Income Type, and Name of Field

QUESTIONNAIRE ITEMS		Name of Field on Annual Demographic File
CPS-665	Income Type	
48A	Wages and salaries	I51AWS
48B	Nonfarm self-employment	I51BSE
48B	Farm self-employment	I51CFR
49B	Wages and salaries	I51AWS
49B	Nonfarm self-employment	I51BSE
49B	Farm self-employment	I51CFR
52A	Unemployment compensation	I53DUC
53B	State Workers Comp., Employers insurance or other	I53DWC
53B	Own insurance	I53FAE
56B	Social Security	I52ASS
57B	Supplemental Security	I52BUS
59C	AFDC	I53AADC
59C	Other public assistance	I53AOTH
60B	Veteran's Administration payments	I53DVP
60C(01)	Veterans disability	I53DVP
60C(02)	Veterans survivor pension	I53DVP
60C(04)	GI Bill or VEAP	I53DVP
61C(01)	Company or union survivor pension	I53EPP
61C(02)	Federal Government pension	I53EFG
61C(03)	Military Retirement pension	I53EMR
61C(04)	State or local government survivor pension	I53ELG
61C(05)	Railroad Retirement survivor pension	I52ARR
61C(06)	Workers compensation survivor pension	I53DWC
61C(07)	Black Lung survivor pension	I53DWC
61C(08)	Estates and trusts	I53CEST
61C(09)	Annuities or paid up life insurance	I53EPP
61C(10)	Other survivor payments	I53FAE
64C(01)	Worker's Compensation	I53DWC
64C(02)	Company or union disability	I53EPP
64C(03)	Federal Government disability	I53EFG
64C(04)	Military retirement disability	I53EMR
64C(05)	State or local government disability	I53ELG
64C(06)	Railroad Retirement disability	I52ARR
64C(07)	Accident or disability insurance	I53FAE
64C(08)	Black Lung disability	I53DWC
64C(09)	State temporary sickness	I53DWC
64C(10)	Other disability payments	I53FAE
65C(1)	Company or union pension	I53EPP
65C(2)	Federal Government retirement	I53EFG
65C(3)	Military retirement	I53EMR
65C(4)	State or local government pension	I53ELG
65C(5)	Railroad Retirement	I52ARR
65C(6)	Annuities or paid up life insurance	I53EPP
65C(7)	IRA or KEOUGH accounts	I53EPP
65C(8)	Other retirement	I53EPP
66B	Interest	I53BINT
66D(1)	Pell Grant	I53FAE
66D(2)	Other government educational assistance	I53FAE
66D(3)	Scholarship or grant from school	I53FAE
66D(4)	Other educational assistance	I53FAE

# QUESTIONNAIRE ITEMS

CPS-665	Income Type	Name of Field on Annual Demographic File
67B	Dividends	I53CDIV
68B	Rent	I53CRENT
68B	Estates and trusts	I53CEST
70B	Child support	I53FAL
71B	Alimony	I53FAL
72B	Financial assistance from outside household	I53FREG

Figure 2. Income Supplement (CPS-665) Items by Name of Field, Income Type, and Questionnaire Item

Name of Field on Annual Demographic File	Income Type	Item Number on CPS-665
I51AWS	Wages and Salaries (includes self-employed and Incorporated)	48A, 49B
I51BSE	Nonfarm Self-employment	48B, 49B
I51CFR	Farm Self-employment	48B, 49B
I53DUC	Unemployment Compensation	52A
I53DWC	(1) State Workers Comp., Employers insurance or other (2) Workers Compensation Survivor Pension (3) Black Lung Survivor Pension (4) Worker's Compensation (5) Black Lung Disability (6) State temporary sickness	53B 61C(06) 61C(07) 64C(01) 64C(08) 64C(09)
I53FAE	(1) Own insurance (2) Other Survivor Payments (3) Accident or disability insurance (4) Other disability payments (5) PELL Grant (6) Other government education assistance (7) Scholarship or grant from school (8) Other education assistance	53B 61C(10) 64C(07) 64C(10) 66D(1) 66D(2) 66D(3) 66D(4)
I52ASS	Social Security	56B
I52BUS	Supplemental Security	57B
I53DVP	(1) Veteran survivor pension (2) Veterans disability (3) GI Bill or VEAP (4) Veterans Administration payments	60C(02) 60C(01) 60C(04) 60B
I53EPP	(1) Company or union survivor pension (2) Annuities or paid up life insurance (3) Company or union disability (4) Company or union pension (5) Other retirement (includes IRA or KEOUGH)	61C(01) 61C(09), 65C(6) 64C(02) 65C(1) 65C(7), 65C(8)
I53EFG	(1) Federal Government pension (2) Federal Government disability (3) Federal Government retirement	61C(02) 64C(03) 65C(2)
I53EMR	(1) Military Retirement pension (2) Military Retirement disability (3) Military Retirement	61C(03) 64C(04) 65C(3)



Name of Field on Annual Demographic File	Income Type	Item Number on CPS-665
I53ELG	(1) State or local government survivor pension (2) State or local government disability (3) State or local government pension	61C(04) 64C(05) 65C(4)
I52ARR	(1) Railroad retirement survivor pension (2) Railroad retirement disability (3) Railroad retirement	61C(05) 64C(06) 65C(5)
I53CEST	(1) Estates and trusts	61C (08), 68B
I53BINT	Interest	66B
I53DIV	Dividends	67B
I53CRENT	Rent	68B
I53AADC	AFDC	59C
I53AOTH	Other public assistance	59C
I53FREG	Financial assistance from outside household	72B
I53FAL	(1) Child Support (2) Alimony	70B 71B



# DATA DICTIONARY INDEX

Current Population Survey, March 1988

## Item

## Character Position

### HOUSEHOLD RECORD INDEX

#### Geographic Code and Size

Central City Code	H64
Central City MSA Residence Status Code	H50
Division of Residence Code	H38
Modified MSA Residence Status Code	H49
MSA/CMSA Rank	H52
MSA/CMSA Size	H55
MSA/PMSA	H43
MSA Size Recode	H51
PMSA Rank	H35
Primary MSA Code	H45
Region of Residence Code	H37
State of Residence Code	H39
State of Residence--1980 Ranking	H41

#### Flags

Energy Assistance	H128
Food Stamps	H116
Household Number	H57
Tenure, Public Housing, Lower Rent	H63
Value of Energy Assistance Received	H132

#### Household Characteristics

Farm/Nonfarm Recode	H56
Hot Lunch Eaten at School	H104,H105
Household Status	H69
Household Type	H13
Number of Families in This Household	H11
Number of Household Members 5-18 Never Married Other Than Householder	H103
Number of Housing Units in Structure	H34
Number of Married Couples in Household Excluding Householder and Spouse	H83
Number of Persons in Household Not Related to Householder	H82
Number of Persons in Household Under Age 18	H70
Number of Persons in This Household	H9
Public Housing Project	H61
Race of Householder (Type A Noninterview)	H30
Relationship to Householder Recode	H81
Rent Subsidy	H62
Telephone Available	H127
Telephone in Household	H126
Tenure of Household	H60
Type of Living Quarters	H58

ItemCharacter PositionIncome (Cash and Noncash)

Free or Reduced Price Lunch Received at School	H106,H107
Household Income Percent Cut 1	H84
Household Income Percent Cut 2	H85
Household Income Recode	H87
Household Received Energy Assistance	H117
Household Received Food Stamps	H108
Number of Months Household Members Received Food Stamps	H110
Number of Persons in Household Covered by Food Stamps	H109
Total Household Income	H72
Value of Energy Assistance Received by Household	H121
Value of Food Stamps Received by Household Members	H112

Noninterview Reason

Noninterview Reason	H31
Weight for Noninterview Records	H33

Number of Families (See Household Characteristics)Number of Married Couples

(See Household Characteristics)

Number of Persons

(See Household Characteristics)

Public Housing (See Household Characteristics)Race of Head

(See Household Characteristics)

Record Identification

Household Number	H16
Household Record Type	H331
Identification Number	H18
Index of Principal Person	H14
Month-In-Sample Code	H17
Sequence Number	H1
Trailer Portion of Unique Household	H7

SMSA (See Geographic Code and Size)Weight

Householder March Supplement Weight	H196
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FAMILY RECORD INDEX

Age (See Also Marital Status and Own Children)	
Members 18 to 64 Years of Age	F148
Members 65 Years and Over	F149
Number of Children in Family 5 to 17	F166
Number of Persons in Family Under 18	F165
Presence of Related Children by Age	F147
<u>Flags</u>	
Flag-CS (child support)	F142
Flag-DI (dividends)	F139
Flag-EA (total family earnings)	F144
Flag-FR (farm)	F134
Flag-IN (interest)	F138
Flag-OT (other)	F145
Flag-PA (public assistance)	F137
Flag-RE (retirement income)	F141
Flag-SE (self-employment)	F133
Flag-SP (supplemental income)	F136
Flag-TO (total family)	F143
Flag-US (U.S. government sources-Social Security or railroad retirement)	F135
Flag-VP (veterans' payments)	F140
Flag-WS (wages and salaries)	F132
<u>Household Characteristics</u>	
Description of Family	F146
Householder of Spanish Origin	F19
Kind of Family	F9
Number of Earners in Family	F169
Number of Family Members in Labor Force	F167
Number of Persons in Family	F11
Sex and Marital Status of Family Householder and Labor Force Status of Spouse	F168
Type of Family	F10
<u>Income</u>	
Child Support, etc.	F97
Dividends, etc.	F74
Family Income to Poverty Level	F189
Family Income Percent Cut 1	F178
Family Income Percent Cut 2	F179
Family Income Recode	F192
Farm Income	F35
Interest	F66
Low Income (Poverty) Cutoff Dollar Amount	F181
Money Received from Social Security and Railroad Retirement	F42
Public Assistance and Welfare	F58
Ratio of Family Income to Poverty Level	F190
Retirement	F89
Self-employment Income	F28
Source of Income	F194
Supplemental Security, Money from U.S. and	

<u>Item</u>	<u>Character Position</u>
State and Local Governments	F50
Total Family Earnings	F114
Total Family Income	F105
Total Other Family Income	F123
Veterans' Payment, etc.	F81
Wages and Salaries	F20
<u>Income Reciprocity</u>	
Type A Other Income	F170
Type B Other Income	F171
Type C Other Income	F172
Type D Other Income	F173
Type E Other Income	F174
Type F Other Income	F175
Type G Other Income	F176
Type H Other Income	F177
<u>Labor Force</u> (See Household Characteristics)	
<u>Marital Status</u>	
Age of Oldest Own Child, Any Marital Status	F163
Age of Youngest Own Child, Any Marital Status	F161
Own Children, Any Age, Any Marital Status	F151
Own Children Under 25, Any Marital Status	F152
Own Never Married Children Under 15	F154
Own Never Married Children Under 18	F150,F153
<u>Own Children</u>	
Own Children Under 1	F160
Own Children Under 3	F159
Own Children Under 5	F158
Own Children Under 6	F157
Own Children Under 9	F156
Own Children Under 12	F155
<u>Record Identification</u>	
Family Record Type	F331
Family Sequence Number Within Household	F7
Index in Person Record of Family	
Householder or Reference Person	F13
Index in Person Record of Family Husband	F209
Index in Person Record of Family Spouse	F15
Index in Person Record of Family Wife	F207
Index in Person of Last Member	F17
Unique Household Identifier	F1
<u>Weight</u>	
Family Weight	F196

ItemCharacter PositionPERSON RECORD INDEXArmed Forces (See Person Characteristics)Earnings

P361

Eligibility in Rotation Groups 1 or 5

Education (See Person Characteristics)Employment Characteristics

Employment Status

P59

Class of Worker (Current Job)

P150

Class of Worker (Longest Job Last Year)

P314

Class of Worker Recode 1 (Longest Job)

Detailed Industry Recode 4 (Longest Job)

P322

Detailed Occupation Recode 3 (Longest Job)

P318

Earner Recode

P313

Employment Status Recode

P12

Experienced Labor Force Status (Edited)

P13

Full-Part Time Status Recode

P14,P309

Getting Paid for Time Off Last Week

P22

Industry Code (Current Job)

P49

Industry Code (Longest Job Last Year)

P151

Industry Recode (Current Job)

P52

Labor Force Recode 1

P295

Labor Force Recode 2

P296

Major Activity (Last Week)

P15

Major Industry Recode 3 (Longest Job)

P316

Major Occupation Recode 4 (Longest Job)

P320

Number of Employers Last Year

P138

Occupation Code (Current Job)

P56

Occupation Code (Longest Job Last Year)

P154

Occupation Recode (Current Job)

P54

Paid Hourly

P364

Part-Full Time Recode

P14 P309

Reason Work Part-Time

P149

What Was Done Most of Remaining Weeks Last Year

P145

When Last Worked For Pay

P60

When Last Worked Full-Time 2 Weeks or More

P48

Why Not at Work Last Week

P21

Hours of Work



P136

Hours Per Week Worked Last Year

P16

Hours Worked Last Week

P19

Reason Not Working 35 Hours Per Week

P362

Usual Hours Worked Per Week (Rotation Group 1 or 5)

P18

Usually Worked 35 Hours Per Week

P23

Usually Worked 35+ Hours Per Week at Job

P146

Worked Less Than 35 Hours One Week Last Year

Looking For Work

P31

Believe No Work Available Not Looking

P26

Checked Employer Directly

P25

Checked Private Employment Agency

<u>Item</u>	<u>Character Position</u>
Checked Public Employment Agency	P24
Checked With Friends or Relatives	P27
Could Not Find Any Work	P32
Did Nothing	P29
Intend to Look for Work Next 12 Months	P63
Looked for Work Last Year	P130
Looking for Full-or Part-Time Work	P45
Other Method Used	P30
Placed or Answered Ads	P28
Want Regular Job Now	P62
Weeks Looking All in One Stretch	P144
Weeks Looking for Work	P43
Weeks Looking for Nonworkers	P131
Weeks Looking or On Layoff	P141,P142
Why Started Looking for Work	P42
Work Recode 1, Work Experience Weeks Looking, Nonworkers	P310
Work Recode 2, Part Year Worker Weeks Looking	P311
Work Recode 3, Part Year Worker Reason for Not Working	P312
Unable to Work	P31
Believe No Work Available, Not Looking	P36
Cannot Arrange Child Care	P32
Could Not Find Any Work	P41
Do Not Know	P34
Employers Think Too Young or Old	P37
Family Responsibilities	P39
Ill Health or Physical Disability	P38
In School or Other Training	P33
Lacks Necessary Schooling	P140
Lost Full Weeks Work Due to Work Layoff	P133
Main Reason Did Not Work Last Year	P40
Other	P35
Personal Handicap	P46
Reason Could Not Take Job	P47
Reason Could Not Take Work Last Week	P61
Why Left Job	
Weeks Worked	P129,P134
Weeks Worked Last Year	P147
Weeks Worked Part-Time	P307
Weeks Worked Recode	



<u>Item</u>	<u>Character Position</u>
<u>Flag</u>	
Allocation	P64,P65,P66, P67,P68,P69, P70,P71,P72, P73,P74,P75, P76,P77,P78, P79,P80,P81, P82,P84,P85, P90 P190
Child Support	P187
Dividend	P385
Earn Hourly	P386
Earn Weekly	P182
Farm Income	P186
Interest	P181
Nonfarm Self-Employment	P384
Paid Hourly	P185
Public Assistance	P189
Retirement Income	P183
Supplemental Security	P269,P270,P271, P272,P273,P274, P275,P276,P277, P278,P279,P280, P281,P282,P391
Top Coded	P188
Veterans' Payments	P180
Wage and Salaries Flag	
<u>Household Characteristics</u>	
Family Number	P105
Family Relationship	P106
Family Type	P104
Household Recode (1 thru 4)	P297,P299,P300, P302
Parent Present	P334
Parents Recode (Presence of Parents of Children Under 18)	P303
Relationship to Householder	P103
Spouse Present	P335
<u>Income (Non-Wages and Salaries Sources)</u>	
Alimony, Child Support, Other Income	P243
Dividends, Rentals, Trust	P227
Farm	P202
Hourly Earnings	P365
Interest Amount	P222
Low Income (Poverty) Cut-off	P289
Nonfarm Self-employment	P196
Pension	P238
Person's Income Recode	P324
Personal Income Total	P248
Public Assistance Amount	P217
Source of Income Recode	P326
Supplemental Security	P213
Total Earnings	P255

<u>Item</u>	<u>Character Position</u>
Total Other Income	P262
Social Security/Railroad Retirement	P208
Veterans' Unemployment, Workmen's Compensation	P233
Wages or Salaries	P191
Weekly Earnings Before Deductions, Usual	P369
<u>Income Reciprocity</u>	
Aid to Dependent Children	P164
Alimony and Child Support	P177
Anything Else	P179
Dividends	P167
Estates and Trust	P169
Farm Income	P159
Federal Government Pension	P175
Interest	P166
Military Retirement	P174
Nonfarm Self-Employment	P158
Other Public Assistance	P165
Other Regular Contribution	P178
Private Pension	P173
Railroad Retirement	P161
Rent and Royalties	P168
Social Security	P160
State and Local Government Pension	P176
Supplemental Security	P162
Unemployment Compensation	P171
Veterans' Payments	P170
Wage and Salary	P157
Workmen's Compensation	P172
<u>Insurance/Pension Coverage</u>	
CHAMPUS or Military Health Care	P345,P355
Group Health	P357
Health Insurance in Own Name	P347
Part Paid by Employer	P348,P349
Medicaid	P344,P354
Medicare	P343,P353
Other Health Insurance	P346,P356
Other Persons Covered	P350
Pension Plan	P351,P352
<u>Labor Force (See Employment Characteristics)</u>	
<u>Labor Union</u>	
Coverage	P388
Member	P387
<u>Person Characteristics</u>	
Age Recode	P306
Age Recode 1	P304
Age in Single Years	P110
Completed Highest Grade Attended	P117
High School/College Attendance	P393,P394
Highest Grade Attended	P115
Marital Status	P107

ItemCharacter Position

Person 14 Years or Older (Interviewer Check Item)  
Race  
School Enrollment, Full-time/Part-time  
Sex  
Spanish Ethnicity  
Veteran Status

P392  
P109  
P395  
P108  
P113  
P112

Record Identification

Family Membership Key  
Person Line Number  
Person Record Type  
Person Sequence Number Within Household  
Population Type Item 25A  
Principal Person Indicator  
Related Subfamily Membership Key  
Unique Household Identifier

P10  
P332  
P331  
P7  
P102  
P9  
P11  
P1

Residence

Living in Same House March 1986  
Migration--Residence 1986 to 1988  
MSA Residence in 1986 Recode  
MSA Residence March 1986  
Region of Residence in 1986--Migration  
Residence 1986 to 1988  
State Residence in 1986

P339  
P328  
P330  
P340  
P329  
P341  
P337

Unemployment (See Employment Characteristics)Weights

Basic CPS Person Weight  
March Supplement Weight  
Basic Earnings Weight

P91  
P118  
P372



# CURRENT POPULATION SURVEY MARCH 1988 DATA DICTIONARY

## HOUSEHOLD RECORD

DATA NAME	SIZE	BEGIN	DATA CATEGORY TYPE	VALUE	DESCRIPTION
=====	=====	=====	=====	=====	=====
HHSEQNUM	6		1 A		HOUSEHOLD SEQUENCE NUMBER - UNIQUE ID FOR THIS HOUSEHOLD
*					SAME ID WILL APPEAR FOR EACH PERSON IN THIS HOUSEHOLD IN THE PPSEQNUM FIELD
*					SAME ID WILL APPEAR FOR EACH FAMILY IN THIS HOUSEHOLD IN THE FFSEQNUM FIELD
U					ALL HOUSEHOLDS
HHPOS	2		7 A		TRAILER PORTION OF UNIQUE HOUSEHOLD ID
*					00=FOR HOUSEHOLD RECORD
*					01-39=FOR PERSON RECORD
U					41-79=FOR FAMILY RECORD
NUMPERS	2		9 N		ALL HOUSEHOLDS
NUMFAM	2		11 N		NUMBER OF PERSONS IN THIS HOUSEHOLD
HHTYPE	1		13 A		NUMBER OF FAMILIES IN THIS HOUSEHOLD
U					HOUSEHOLD TYPE
V				1	ALL HOUSEHOLDS
V				2	INTERVIEW HOUSEHOLD, WITH HOUSEHOLDER
V				3	GROUP QUARTERS (COLLECTIVE HH)
V				4	NONINTERVIEW TYPE A
PPINDIND	2		14 A		NONINTERVIEW TYPE B/C
U					INDEX OF PRINCIPAL PERSON
V				00	ALL HOUSEHOLDS
*					NIU (NOT IN UNIVERSE)
ITEM9	1		16 A		01-39=INDEX OF PRINCIPAL PERSON
U					HOUSEHOLD NUMBER (EDITED)
V				1	ALL HOUSEHOLDS
V				2	HOUSEHOLD 1
V				3	HOUSEHOLD 2
V				4	HOUSEHOLD 3
V				5	HOUSEHOLD 4
V				6	HOUSEHOLD 5
V				7	HOUSEHOLD 6
V				8	HOUSEHOLD 7
MIS	1		17 A		HOUSEHOLD 8
*					MONTH-IN-SAMPLE CODE
U					GENERATED FROM MONTH AND ROTATION
HHIDNUM	12		18 A		ALL HOUSEHOLDS
*					HOUSEHOLD IDENTIFICATION NUMBER
*					NOTE: USE AS THE HOUSEHOLD MATCH KEY
U					WHEN MATCHING THIS FILE TO ANY
BITM14RC	1		30 A		OTHER CPS FILE.
*					ALL HOUSEHOLDS
U					RACE OF HOUSEHOLDER (TYPE A NON-
V				0	INTERVIEW RECORDS ONLY)
V				1	TYPE A NONINTERVIEWED HOUSEHOLDS
V				2	NIU
V				3	WHITE
BITM15RC	2		31 A		BLACK
*					OTHER
U					NONINTERVIEW REASON (TYPE B-C
V				00	NONINTERVIEW RECORDS ONLY)
V				01	TYPE B-C NONINTERVIEWED HOUSEHOLDS
V				02	NIU
V				03	VACANT - REGULAR
V				04	VACANT - STORAGE FOR HH FURNITURE
V				05	TEMPORARILY OCCUP. BY URE
V				06	UNFIT OR TO BE DEMOLISHED
V				07	UNDER CONSTRUCTION, NOT READY
V				08	CONVERTED TO TEMP BUSINESS OR STORAGE
V				09	OCCUPIED BY PERSONS IN AF OR UNDER 14
V				10	UNOCCUPIED TENT OR TRAILER SITE
					PERMIT GRANTED, CONST. NOT STARTED
					OTHER

## HOUSEHOLD RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				11	DEMOLISHED
V				12	HOUSE OR TRAILER MOVED
V				13	OUTSIDE SEGMENT
V				14	CONVERTED TO PERM BUSINESS OR STORAGE
V				15	MERGED
V				16	CONDEMNED
V				17	BUILT AFTER APRIL 1, 1980
V				18	UNUSED LINE ON LISTING SHEET
V				19	OTHER
BNIWGT	1	33	A		WEIGHT CODE FOR NONINTERVIEW RECORDS
U					ALL NONINTERVIEWED HOUSEHOLDS
V				0	NIU
V				1	REGULAR TYPE A, B, OR C NONINTERVIEW
V				2	SUBSAMPLE TYPE A NONINTERVIEW
V				3	SUBSAMPLE TYPE B NONINTERVIEW
V				4	SUBSAMPLE TYPE C NONINTERVIEW
NUMHU	1	34	A		NUMBER HOUSING UNITS IN STRUCTURE
U					ALL HOUSEHOLDS
V				0	NOT CODED (NC)
V				1	1
V				2	2
V				3	3-4
V				4	5-9
V				5	10+
PMSARANK	2	35	A		RANKING OF PMSA WITHIN CMSA
*					SEE LIST 2 OF APPENDIX E
U					ALL HOUSEHOLDS
V				00	NOT A PMSA
REGION	1	37	A		REGION OF RESIDENCE
U					ALL HOUSEHOLDS
V				1	NORTHEAST
V				2	MIDWEST
V				3	SOUTH
V				4	WEST
DIVISION	1	38	A		DIVISION OF RESIDENCE
U					ALL HOUSEHOLDS
V				1	NEW ENGLAND
V				2	MIDDLE ATLANTIC
V				3	EAST NORTH CENTRAL
V				4	WEST NORTH CENTRAL
V				5	SOUTH ATLANTIC
V				6	EAST SOUTH CENTRAL
V				7	WEST SOUTH CENTRAL
V				8	MOUNTAIN
V				9	PACIFIC
MSTSTATE	2	39	A		STATE OF RESIDENCE
U					ALL HOUSEHOLDS
V				11	MAINE
V				12	NEW HAMPSHIRE
V				13	VERMONT
V				14	MASSACHUSETTS
V				15	RHODE ISLAND
V				16	CONNECTICUT
V				21	NEW YORK
V				22	NEW JERSEY
V				23	PENNSYLVANIA
V				31	OHIO
V				32	INDIANA
V				33	ILLINOIS
V				34	MICHIGAN
V				35	WISCONSIN
V				41	MINNESOTA
V				42	IOWA
V				43	MISSOURI
V				44	NORTH DAKOTA
V				45	SOUTH DAKOTA
V				46	NEBRASKA
V				47	KANSAS
V				51	DELAWARE
V				52	MARYLAND
V				53	DISTRICT OF COLUMBIA
V				54	VIRGINIA
V				55	WEST VIRGINIA

## HOUSEHOLD RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				56	NORTH CAROLINA
V				57	SOUTH CAROLINA
V				58	GEORGIA
V				59	FLORIDA
V				61	KENTUCKY
V				62	TENNESSEE
V				63	ALABAMA
V				64	MISSISSIPPI
V				71	ARKANSAS
V				72	LOUISIANA
V				73	OKLAHOMA
V				74	TEXAS
V				81	MONTANA
V				82	IDAHO
V				83	WYOMING
V				84	COLORADO
V				85	NEW MEXICO
V				86	ARIZONA
V				87	UTAH
V				88	NEVADA
V				91	WASHINGTON
V				92	OREGON
V				93	CALIFORNIA
V				94	ALASKA
V				95	HAWAII
MSTSTRAN	2	41	A		STATE OF RESIDENCE - 1980 RANKING
U					ALL HOUSEHOLDS
V				01	CALIFORNIA (CA)
V				02	NEW YORK (NY)
V				03	TEXAS (TX)
V				04	PENNSYLVANIA (PA)
V				05	ILLINOIS (IL)
V				06	OHIO (OH)
V				07	FLORIDA (FL)
V				08	MICHIGAN (MI)
V				09	NEW JERSEY (NJ)
V				10	NORTH CAROLINA (NC)
V				11	MASSACHUSETTS (MA)
V				12	INDIANA (IN)
V				13	GEORGIA (GA)
V				14	VIRGINIA (VA)
V				15	MISSOURI (MO)
V				16	WISCONSIN (WI)
V				17	TENNESSEE (TN)
V				18	MARYLAND (MD)
V				19	LOUISIANA (LA)
V				20	WASHINGTON (WA)
V				21	MINNESOTA (MN)
V				22	ALABAMA (AL)
V				23	KENTUCKY (KY)
V				24	SOUTH CAROLINA (SC)
V				25	CONNECTICUT (CT)
V				26	OKLAHOMA (OK)
V				27	IOWA (IA)
V				28	COLORADO (CO)
V				29	ARIZONA (AZ)
V				30	OREGON (OR)
V				31	MISSISSIPPI (MS)
V				32	KANSAS (KS)
V				33	ARKANSAS (AR)
V				34	WEST VIRGINIA (WV)
V				35	NEBRASKA (NE)
V				36	UTAH (UT)
V				37	NEW MEXICO (NM)
V				38	MAINE (ME)
V				39	HAWAII (HI)
V				40	RHODE ISLAND (RI)
V				41	IDAHO (ID)
V				42	NEW HAMPSHIRE (NH)
V				43	NEVADA (NV)
V				44	MONTANA (MT)
V				45	SOUTH DAKOTA (SD)
V				46	NORTH DAKOTA (ND)

## HOUSEHOLD RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				47	DISTRICT OF COLUMBIA (DC)
V				48	DELAWARE (DE)
V				49	VERMONT (VT)
V				50	WYOMING (WY)
V				51	ALASKA (AK)
MPRANK	2	43	A		METROPOLITAN STATISTICAL AREA/PMSA
U					ALL HOUSEHOLDS
V				00	NOT LISTED BELOW
V				01	NEW YORK, NY
V				02	LOS ANGELES-LONG BEACH, CA
V				03	CHICAGO, IL
V				04	PHILADELPHIA, PA-NJ
V				05	DETROIT, MI
V				06	WASHINGTON, DC-MD-VA
V				07	HOUSTON, TX
V				08	BOSTON, MA
V				09	NASSAU-SUFFOLK, NY
V				10	ST. LOUIS, MO-IL
V				11	ATLANTA, GA
V				12	BALTIMORE, MD
V				13	MINNEAPOLIS-ST. PAUL, MN-WI
V				14	DALLAS, TX
V				15	PITTSBURGH, PA
V				16	ANAHEIM-SANTA ANA, CA
V				17	SAN DIEGO, CA
V				18	NEWARK, NJ
V				19	OAKLAND, CA
V				20	CLEVELAND, OH
V				21	TAMPA-ST. PETERSBURG-CLEARWATER, FL
V				22	RIVERSIDE-SAN BERNARDINO, CA
V				23	PHOENIX, AZ
V				24	MIAMI-HIALEAH, FL
V				25	SEATTLE, WA
V				26	DENVER, CO
V				27	SAN FRANCISCO, CA
V				28	KANSAS CITY, MO-KS
V				29	CINCINNATI, OH-KY-IN
V				30	MILWAUKEE, WI
V				31	SAN JOSE, CA
V				32	NEW ORLEANS, LA
V				33	BERGEN-PASSAIC, NJ
V				34	COLUMBUS, OH
V				35	NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA
V				36	SACRAMENTO, CA
V				37	INDIANAPOLIS, IN
V				38	SAN ANTONIO, TX
V				39	FORT WORTH-ARLINGTON, TX
V				40	PORTLAND, OR
V				41	FORT LAUDERDALE-HOLLYWOOD-POMPANO BEACH, FL
V				42	CHARLOTTE-GASTONIA-ROCK HILL, NC-SC
V				43	SALT LAKE CITY-OGDEN, UT
V				44	ROCHESTER, NY
V				45	BUFFALO, NY
V				46	LOUISVILLE, KY-IN
V				47	OKLAHOMA CITY, OK
V				48	MEMPHIS, TN-AR-MS
V				49	DAYTON-SPRINGFIELD, OH
V				50	MIDDLESEX-SOMERSET-MUNTERDON, NJ
V				51	MONMOUTH-OCEAN, NJ
V				52	BIRMINGHAM, AL
V				53	NASHVILLE, TN
V				54	GREENSBORO-WINSTON-SALEM-HIGH POINT, NC
V				55	ALBANY-SCHENECTADY-TROY, NY
V				56	ORLANDO, FL
V				57	HONOLULU, HI
V				58	RICHMOND-PETERSBURG, VA
V				59	JACKSONVILLE, FL
V				60	HARTFORD, CT
V				61	SCRANTON-WILKES-BARRE, PA
V				62	TULSA, OK
V				63	WEST PALM BEACH-BOCA RATON-DELRAY BEACH, FL



## HOUSEHOLD RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				64	SYRACUSE, NY
V				65	AKRON, OH
V				66	ALLENTOWN-BETHLEHEM, PA-NJ
V				67	AUSTIN, TX
V				68	GARY-HAMMOND, IN
V				69	PROVIDENCE, RI
V				70	GRAND RAPIDS, MI
V				71	TOLEDO, OH
V				72	RALEIGH-DURHAM, NC
V				73	OMAHA, NE-IA
V				74	TUCSON, AZ
V				75	GREENVILLE-SPARTANBURG, SC
V				76	KNOXVILLE, TN
V				77	OXNARD-VENTURA, CA
V				78	HARRISBURG-LEBANON-CARLISLE, PA
V				79	FRESNO, CA
V				80	JERSEY CITY, NJ
V				81	WILMINGTON, DE-NJ-MD
V				82	BATON ROUGE, LA
V				83	LAS VEGAS, NV
V				84	EL PASO, TX
V				85	YOUNGSTOWN-WARREN, OH
V				86	SPRINGFIELD, MA
V				87	TACOMA, WA
V				88	NEW HAVEN-MERIDEN, CT
V				89	LITTLE ROCK-NORTH LITTLE ROCK, AR
V				90	CHARLESTON, SC
V				91	MOBILE, AL
V				92	BAKERSFIELD, CA
V				93	LAKE COUNTY, IL
V				94	ALBUQUERQUE, NM
V				95	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA
V				96	BRIDGEPORT-MILFORD, CT
V				97	FLINT, MI
V				98	COLUMBIA, SC
V				99	ALL SMALLER MSA'S
SMSAFIPS	4	45	A		PRIMARY METROPOLITAN STATISTICAL AREA CODE
*					SEE LIST 4 OF APPENDIX E
U					ALL HOUSEHOLDS
V				0000	NOT IDENTIFIABLE
MSTSMSAR	1	49	A		MODIFIED METROPOLITAN STATISTICAL AREA RESIDENCE STATUS CODE
*					NOTE: SELECTED MSA'S ARE SUPPRESSED BECAUSE OF CONFIDENTIALLY REQUIREMENTS. IN SUCH CASES, THE RECORD IS ASSIGNED CODE FOR "NOT IDENTIFIABLE."
U					ALL HOUSEHOLDS
V				1	MSA/PMSA
V				2	NON MSA/PMSA
V				3	NOT IDENTIFIABLE
CCCSMSA	1	50	A		CENTRAL CITY METROPOLITAN STATISTICAL AREA RESIDENCE STATUS CODE
U					ALL HOUSEHOLDS
V				1	CENTRAL CITY
V				2	BALANCE OF MSA/PMSA
V				3	NON MSA/PMSA
V				4	NOT IDENTIFIABLE
SMSASIZR	1	51	A		METROPOLITAN STATISTICAL AREA SIZE RECODE
*					ALL HOUSEHOLDS
U					NIU (NOT IN MSA OR LESS THAN 100,000 )
V				0	3,000,000 OR MORE
V				1	1,000,000 - 2,999,999
V				2	500,000 - 999,999
V				3	250,000 - 499,999
V				4	100,000 - 249,999
V				5	
MSARANK	3	52	A		RANKING OF MSA/CMSA
*					SEE LIST 1 OF APPENDIX E
U					ALL HOUSEHOLDS
V				0	NOT A MSA

				IDENTIFIED
v			2	100,000 - 249,999
v			3	250,000 - 499,999
v			4	500,000 - 999,999
v			5	1 MILLION - 2,499,999
v			6	2.5 MILLION - 4,999,999
v			7	5 MILLION - 9,999,999
v			8	10 MILLION OR MORE
LANDUSAG	1	56 A		FARM NON-FARM RECODE
u				ALL HOUSEHOLDS
v			1	NONFARM
v			2	FARM
AITEM9	1	57 A		ALLOCATION FLAG FOR HH NUMBER
u				ALL HOUSEHOLDS
v			0	NOT ALLOCATED
v			1	ALLOCATED
ITEM4	2	58 A		TYPE OF LIVING QUARTERS
u				ALL HOUSEHOLDS
v			01	HOUSE, APARTMENT
v			02	HU IN NONTRANSIENT HOTEL, ETC
v			03	HU PERMANENT, IN TRANSIENT HOTEL, ETC.
v			04	HU IN ROOMING HOUSE
v			05	MOBILE HOME OR TRAILER
v			06	HU NOT SPECIFIED ABOVE
v			07	QUARTERS NOT HU (GROUP QUARTERS)
v			08	UNIT NOT PERMANENT (GROUP QUARTERS)
v			09	TENT/TRAILER SITE (GROUP QUARTERS)
v			10	OTHER NOT HU (GROUP QUARTERS)
TENURE	1	60 A		TENURE OF HOUSEHOLD
u				ALL HOUSEHOLDS
v			1	OWNED OR BEING BOUGHT
v			2	RENTED
v			3	NO CASH RENT
PUBLIC	1	61 A		PUBLIC HOUSING PROJECT
u				ALL HOUSEHOLDS NOT OWNED OR BEING
*				BROUGHT
v			0	NIU (TENURE NOT EQUAL TO 1)
v			1	YES
v			2	NO
LOWERREN	1	62 A		RENT SUBSIDY
u				ALL HOUSEHOLDS NOT OWNED OR BEING
*				BOUGHT AND NOT IN A PUBLIC HOUSING
*				PROJECT
v			0	NIU (PUBLIC NOT EQUAL TO 1)
v			1	YES
v			2	NO
TENALLO	1	63 A		TENURE ALLOCATED
u				ALL HOUSEHOLDS
v			0	NOT ALLOCATED
v			1	ALLOCATED ONE OR MORE ITEMS (TENURE,
*				PUBLIC, AND/OR LOWERREN)
CCCODE	1	64 A		IDENTIFIED CENTRAL CITY CODE
u				SEE LIST 3 OF APPENDIX E
v				ALL HOUSEHOLDS
v			0	NOT INDIVIDUALLY IDENTIFIED CENTRAL
FILL1	4	65 A		CITY
HHSTATUS	1	69 A		FILLER
u				HOUSEHOLD STATUS
v				ALL HOUSEHOLDS
v			0	NIU (GROUP QUARTERS)
v			1	FAMILY
v			2	NONFAMILY HOUSEHOLDER LIVING ALONE
v			3	NONFAMILY HOUSEHOLDER LIVING WITH
*				NONRELATIVES

V			15	\$30,000 TO \$32,499
V			16	\$32,500 TO \$34,999
V			17	\$35,000 TO \$37,499
V			18	\$37,500 TO \$39,999
V			19	\$40,000 TO \$44,999
V			20	\$45,000 TO \$49,999
V			21	\$50,000 TO \$59,999
V			22	\$60,000 TO \$74,999
V			23	\$75,000 AND OVER
FILL2	14	89 A		
HMEMB518	1	103 A		
*				FILLER
U				NUMBER OF HOUSEHOLD MEMBERS AGE 5-18
V				NEVER MARRIED OTHER THAN HOUSEHOLDER
V				ALL HOUSEHOLDS
V			0	ZERO MEMBERS NEVER MARRIED
V			1	1 MEMBER NEVER MARRIED
V			2	2 MEMBERS NEVER MARRIED
V			3	3 MEMBERS NEVER MARRIED
V			4	4 MEMBERS NEVER MARRIED
V			5	5 MEMBERS NEVER MARRIED
V			6	6 MEMBERS NEVER MARRIED
V			7	7 MEMBERS NEVER MARRIED
V			8	8 MEMBERS NEVER MARRIED
V			9	9 OR MORE MEMBERS NEVER MARRIED
HHOTLUN	1	104 A		CHILDREN RECEIVE COMPLETE HOT LUNCH
*				EATEN AT SCHOOL
U				HOUSEHOLDS WITH CHILDREN 5-18
V			0	NIU OR NONE
V			1	CHILDREN RECEIVE COMPLETE HOT LUNCH
*				AT SCHOOL
V			2	NO CHILDREN RECEIVE COMPLETE HOT LUNCH
*				AT SCHOOL
HNUMHOT	1	105 N		NUMBER OF CHILDREN WHO RECEIVE
*				COMPLETE HOT LUNCH AT SCHOOL
*				9 MEANS 9 OR MORE
U				HOUSEHOLDS IN WHICH CHILDREN RECEIVE
*				COMPLETE HOT LUNCH AT SCHOOL
V			0	NIU OR NONE
*				1-9 = NUMBER OF CHILDREN WHO RECEIVE
*				COMPLETE HOT LUNCH AT SCHOOL
*				9 MEANS 9 OR MORE
HFREEELUN	1	106 A		FREE OR REDUCED PRICE LUNCH
U				HOUSEHOLDS WITH CHILDREN 5-18 WHO
*				USUALLY EAT A COMPLETE HOT LUNCH
*				AT SCHOOL
V			0	NIU OR NONE
V			1	CHILDREN RECEIVE FREE OR REDUCED
*				PRICE LUNCH
V			2	NO CHILDREN RECEIVE FREE OR REDUCED
*				PRICE LUNCH
HNUMFREE	1	107 N		NUMBER OF CHILDREN WHO RECEIVE
*				FREE OR REDUCED PRICE LUNCH
U				HOUSEHOLDS IN WHICH CHILDREN RECEIVE
*				FREE OR REDUCED PRICE LUNCH AT SCHOOL
V				WITH INCOME LESS THAN \$30,000
*			0	NIU OR NONE
*				1-9=NUMBER OF CHILDREN WHO RECEIVE
*				FREE OR REDUCED PRICE LUNCH
*				9 MEANS 9 OR MORE
HFOODSP	1	108 A		HOUSEHOLD RECEIVED FOOD STAMPS
U				ALL HOUSEHOLDS WITH INCOME LESS THAN \$30,000
V			1	YES (HOUSEHOLD RECEIVED FOOD STAMPS)
V			2	NO (HOUSEHOLD DID NOT RECEIVE FOOD
V				STAMPS)
HNUMFS	1	109 A		NUMBER OF PERSONS IN HOUSEHOLD
*				COVERED BY FOOD STAMPS
U				HOUSEHOLDS WHICH RECEIVED FOOD STAMPS
V			0	NIU OR NONE
V			1	1 PERSON
V			2	2 PERSONS
V			3	3 PERSONS

## HOUSEHOLD RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				4	4 PERSONS
V				5	5 PERSONS
V				6	6 PERSONS
V				7	7 PERSONS
V				8	8 PERSONS
V				9	9 OR MORE PERSONS
HNUMMO	2	110	N		NUMBER OF MONTHS FOOD STAMPS RECEIVED
U				00	HOUSEHOLDS WHICH RECEIVED FOOD STAMPS
*					NIU OR NONE
*					01-12 = NUMBER MONTHS FOOD STAMPS RECEIVED
HVALUEFS	4	112	N		TOTAL VALUE OF FOOD STAMPS RECEIVED
U					VALUE RANGE IS FROM 0001 TO 9999
V				0	HOUSEHOLDS WHICH RECEIVED FOOD STAMPS
HFSALFLG	1	116	A		NIU OR NONE
U					ALLOCATION FLAG--FOOD STAMPS
V				0	ALL HOUSEHOLDS
V				1	NIU OR NO ALLOCATION
V				2	INCOME AMOUNT ALLOCATED
V				3	RECIPIENCY TYPE ALLOCATED
HENRGYAS	1	117	A		INCOME AND RECIPIENCY TYPE ALLOCATED
U					HOUSEHOLD RECEIVED ENERGY ASSISTANCE
*					ALL HOUSEHOLDS WITH INCOME LESS THAN \$30,000
V				0	NIU OR NONE
V				1	YES (HOUSEHOLD RECEIVED ENERGY ASSISTANCE)
V				2	NO (HOUSEHOLD DID NOT RECEIVE ENERGY ASSISTANCE)
FILL3	3	118	A		FILLER
HENRGYVA	4	121	N		VALUE OF ENERGY ASSISTANCE RECEIVED
U					VALUE RANGE IS FROM 0001 TO 1999
*					HOUSEHOLDS PARTICIPATING IN THE ENERGY ASSISTANCE PROGRAM
V				0	NIU OR NONE
FILL4	1	125	A		FILLER
PHONEHH	1	126	A		TELEPHONE IN HOUSEHOLD
U					ALL HOUSEHOLDS
V				0	NOT CODED
V				1	YES
V				2	NO
PHONEAVL	1	127	A		TELEPHONE AVAILABLE
U					HH IN WHICH THERE IS NO TELEPHONE
V				0	NIU OR NOT CODED
V				1	YES
V				2	NO
HFLAGAST	1	128	A		ALLOCATION FLAG--ENERGY ASSISTANCE
V				0	NO ALLOCATION
V				1	CORRESPOND. ENERGY FIELD WAS ALLOCATED
FILL5	3	129	A		FILLER
HFLAGVAL	1	132	A		ALLOCATION FLAG--VALUE OF ENERGY ASSISTANCE RECEIVED
*					NO ALLOCATION
V				0	CORRESPOND. ENERGY FIELD WAS ALLOCATED
V				1	FILLER
FILL6	63	133	A		HOUSEHOLD OR MARCH SUPPLEMENT WEIGHT
HHSUPWGT	11	196	N		(TWO IMPLIED DECIMALS)
*					FILLER
FILL7	124	207	A		HOUSEHOLD RECORD TYPE
HHRECTYP	1	331	A		HOUSEHOLD RECORD
V				1	FILLER
FILL8	77	332	A		



## FAMILY RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
FFSEQNUM	6	1	A		UNIQUE HOUSEHOLD IDENTIFIER
FFPOS	2	7	A		FAMILY SEQUENCE NUMBER WITHIN HOUSEHOLD
FKIND	1	9	A		KIND OF FAMILY
V				1	FAMILY
V				2	RELATED SUBFAMILY
V				3	UNRELATED SUBFAMILY
V				4	NONFAMILY HOUSEHOLDER
V				5	UNRELATED INDIVIDUALS
FTYPE	1	10	A		TYPE OF FAMILY
V				1	MARRIED COUPLE FAMILY
V				2	OTHER FAMILY, MALE HOUSEHOLDER
V				3	OTHER FAMILY, FEMALE HOUSEHOLDER
FPERSONS	2	11	N		NUMBER OF PERSONS IN FAMILY
FHOUHIND	2	13	A		INDEX IN PERSONS RECORD OF FAMILY
*					HOUSEHOLDER OR REFERENCE PERSON
*					SEE PPOS IN PERSON RECORD
*					(POSITION P7)
FSPOUSIN	2	15	A		INDEX IN PERSONS RECORD OF FAMILY SPOUSE
*					00 = NO SPOUSE
*					01 = ILLEGAL CODE
*					02-39 = INDEX OF SPOUSE
*					SEE PPOS IN PERSON RECORD
*					(POSITION P7)
FLASTIND	2	17	A		INDEX IN PERSONS RECORD OF LAST MEMBER
*					ALL PERSONS FROM FHOUHIND THRU
*					FLASTIND ARE MEMBERS OF THIS FAMILY
*					SEE PPOS IN PERSON RECORD
*					(POSITION P7)
FSPANHEA	1	19	A		HOUSEHOLDER OF SPANISH ORIGIN
V				1	YES
V				2	NO
FINCWS	8	20	N		FAMILY INCOME - WAGES AND SALARIES
*					DOLLAR AMOUNT
FINCSE	7	28	N		FAMILY INCOME - SELF EMPLOYMENT INCOME
*					0000000 = NONE
*					NEGATIVE DOLLAR AMT = INCOME LOSS
*					POSITIVE DOLLAR AMT = INCOME
FINCFR	7	35	N		FAMILY INCOME - FARM INCOME
*					0000000 = NONE
*					NEGATIVE DOLLAR AMT = INCOME LOSS
*					POSITIVE DOLLAR AMT = INCOME
FINCUS	8	42	N		FAMILY INCOME - MONEY RECEIVED FROM
*					U.S. GOV'T. INCLUDES SOCIAL SECURITY
*					AND RAILROAD RETIREMENT
*					DOLLAR AMOUNT
FINCSP	8	50	N		FAMILY INCOME - SUPPLEMENTAL SECURITY
*					INCLUDES MONEY RECEIVED FROM U.S.,
*					STATE, AND LOCAL GOV'T
*					DOLLAR AMOUNT
FINCPA	8	58	N		FAMILY INCOME - PUBLIC ASSISTANCE AND
*					WELFARE INCLUDES AID TO FAMILIES WITH
*					DEPENDANT CHILDREN AND OTHER ASSISTANCE
*					DOLLAR AMOUNT
FINCINT	8	66	N		FAMILY INCOME - INTEREST
FINCDIV	7	74	N		FAMILY INCOME - DIVIDENDS, ETC.
*					INCLUDES DIVIDENDS, NET RENTAL INCOME
*					OR ROYALTIES, ESTATES OR TRUSTS
*					0000000 = NONE
*					NEGATIVE DOLLAR AMT = INCOME LOSS
*					POSITIVE DOLLAR AMT = INCOME
*					DOLLAR AMOUNT

			2	FAMILY WITH 1 OR MORE RELATED
				SUBFAMILIES
			3	UNRELATED SUBFAMILY
			4	RELATED SUBFAMILY
			5	NONFAMILY HOUSEHOLDER
			6	UNRELATED INDIVIDUAL 15+, IN A HH
			7	UNRELATED INDIVIDUAL 15+, IN GRP. QTR
			8	UNRELATED INDIVIDUAL, UNDER 15, IN HH
			9	UNRELATED INDIVIDUAL, UNDER 15, IN GQ
FRECOD98	1	147 A		PRESENCE OF RELATED CHILDREN BY AGE
			0	NIU (PRIMARY AND UNRELATED
				INDIVIDUALS)
			1	SOME UNDER 3
			2	ALL 3 TO 5
			3	ALL 6 TO 17
			4	NONE UNDER 18
FRECODE5	1	148 A		FAMILY MEMBERS 18 TO 64 YEARS OF AGE
			0	NONE
			1	1 MEMBER
			2	2 MEMBERS
			3	3 MEMBERS
			4	4 MEMBERS
			5	5 MEMBERS
			6	6 MEMBERS
			7	7 OR MORE MEMBERS
FRECODE6	1	149 A		FAMILY MEMBERS 65 YEARS AND OVER
			0	NONE
			1	1 MEMBER
			2	2 MEMBERS
			3	3 MEMBERS
			4	4 MEMBERS
			5	5 OR MORE MEMBERS
FRECODE7	1	150 A		OWN NEVER MARRIED CHILDREN UNDER 18
			0	NO OWN CHILDREN UNDER 18
			1	1 OR MORE, ALL UNDER 6
			2	1 OR MORE, SOME UNDER 6, SOME 6-17
			3	1 OR MORE, ALL 6-17
FREC8	1	151 A		OWN CHILDREN, ANY AGE, ANY
				MARITAL STATUS
			0	NONE
			1	1 CHILD
			2	2 CHILDREN
			3	3 CHILDREN
			4	4 CHILDREN
			5	5 CHILDREN
			6	6 CHILDREN
			7	7 CHILDREN
			8	8 CHILDREN
			9	9 OR MORE CHILDREN
FREC9	1	152 A		OWN CHILDREN UNDER 25, ANY
				MARITAL STATUS
			0	NONE
			1	1 CHILD
			2	2 CHILDREN
			3	3 CHILDREN
			4	4 CHILDREN
			5	5 CHILDREN
			6	6 CHILDREN
			7	7 CHILDREN
			8	8 CHILDREN
			9	9 OR MORE CHILDREN
FREC10	1	153 A		OWN NEVER MARRIED CHILDREN UNDER 18
			0	NONE
			1	1 CHILD
			2	2 CHILDREN
			3	3 CHILDREN
			4	4 CHILDREN
			5	5 CHILDREN

FAMILY RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				6	6 CHILDREN
V				7	7 CHILDREN
V				8	8 CHILDREN
V				9	9 OR MORE CHILDREN
FREC11	1	154	A		OWN NEVER MARRIED CHILDREN UNDER 15
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 CHILDREN
V				6	6 CHILDREN
V				7	7 CHILDREN
V				8	8 CHILDREN
V				9	9 OR MORE CHILDREN
FREC12	1	155	A		OWN CHILDREN UNDER 12
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 CHILDREN
V				6	6 CHILDREN
V				7	7 CHILDREN
V				8	8 OR MORE CHILDREN
FREC13	1	156	A		OWN CHILDREN UNDER 9
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 CHILDREN
V				6	6 OR MORE CHILDREN
FREC14	1	157	A		OWN CHILDREN UNDER 6
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 CHILDREN
V				6	6 OR MORE CHILDREN
FREC15	1	158	A		OWN CHILDREN UNDER 5
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 CHILDREN
V				6	6 OR MORE CHILDREN
FREC16	1	159	A		OWN CHILDREN UNDER 3
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 OR MORE CHILDREN
FREC17	1	160	A		OWN CHILDREN UNDER 1
V				0	NONE
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 OR MORE CHILDREN
FREC19	2	161	A		AGE OF YOUNGEST OWN CHILD,
*					ANY MARITAL STATUS
V				00	NIU
V				01	LESS THAN 1 YEAR
V				02	1 YEAR
V				03	2 YEARS
V				04	3 YEARS
V				05	4 YEARS
V				06	5 YEARS
V				07	6 YEARS
V				08	7 YEARS
V				09	8 YEARS



FAMILY RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				10	9 YEARS
V				11	10 YEARS
V				12	11 YEARS
V				13	12 YEARS
V				14	13 YEARS
V				15	14 YEARS
V				16	15 YEARS
V				17	16 YEARS
V				18	17 YEARS
V				19	18 YEARS
V				20	19 YEARS
V				21	20 YEARS
V				22	21 YEARS
V				23	22 YEARS
V				24	23 YEARS
V				25	24 YEARS
V				26	25 YEARS AND OVER
FREC21	2	163	A		AGE OF OLDEST OWN CHILD, ANY MARITAL STATUS
V				00	NIU
V				01	LESS THAN 1 YEAR
V				02	1 YEAR
V				03	2 YEARS
V				04	3 YEARS
V				05	4 YEARS
V				06	5 YEARS
V				07	6 YEARS
V				08	7 YEARS
V				09	8 YEARS
V				10	9 YEARS
V				11	10 YEARS
V				12	11 YEARS
V				13	12 YEARS
V				14	13 YEARS
V				15	14 YEARS
V				16	15 YEARS
V				17	16 YEARS
V				18	17 YEARS
V				19	18 YEARS
V				20	19 YEARS
V				21	20 YEARS
V				22	21 YEARS
V				23	22 YEARS
V				24	23 YEARS
V				25	24 YEARS
V				26	25 YEARS AND OVER
FUNDR18	1	165	A		PERSONS IN FAMILY UNDER 18
V				0	NONE, NIU
V				1	1 PERSON
V				2	2 PERSONS
V				3	3 PERSONS
V				4	4 PERSONS
V				5	5 PERSONS
V				6	6 PERSONS
V				7	7 PERSONS
V				8	8 PERSONS
V				9	9 OR MORE PERSONS
REC5TO17	1	166	A		NUMBER OF CHILDREN IN FAMILY 5 TO 17
V				0	NONE, NIU
V				1	1 CHILD
V				2	2 CHILDREN
V				3	3 CHILDREN
V				4	4 CHILDREN
V				5	5 CHILDREN
V				6	6 OR MORE CHILDREN
FREC25	1	167	A		NUMBER OF FAMILY MEMBERS IN LABOR FORCE
V				0	NONE
V				1	1 FAMILY MEMBER
V				2	2 FAMILY MEMBERS
V				3	3 OR MORE FAMILY MEMBERS

FAMILY RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
FREC26	1	168	A		SEX AND MARITAL STATUS OF FAMILY HOUSEHOLDER AND LABOR FORCE STATUS OF SPOUSE
*				1	HOUSEHOLDER OR REFERENCE PERSON, MARRIED SPOUSE PRESENT, SPOUSE IN THE LABOR FORCE
v				2	HOUSEHOLDER OR REFERENCE PERSON, MARRIED SPOUSE PRESENT, SPOUSE NOT IN LABOR FORCE
*				3	MALE HOUSEHOLDER OR REFERENCE PERSON, NO SPOUSE PRESENT
v				4	FEMALE HOUSEHOLDER OR REFERENCE PERSON, NO SPOUSE PRESENT
*					
FREC27	1	169	A		NUMBER OF EARNERS IN FAMILY
v				0	NONE
v				1	1 EARNER
v				2	2 EARNERS
v				3	3 EARNERS
v				4	4 EARNERS
v				5	5 OR MORE EARNERS
FREC31A	1	170	A		SOCIAL SECURITY AND RAILROAD RETIREMENT INCOME RECIPIENCY
*				1	NONE
v				2	SOCIAL SECURITY ONLY
v				3	RAILROAD RETIREMENT ONLY
v				4	BOTH
FREC31B	1	171	A		STATE AND LOCAL GOVERNMENT INCOME
v				1	NONE
v				2	SUPPLEMENTAL SECURITY INCOME
FREC31C	1	172	A		PUBLIC ASSISTANCE INCOME RECIPIENCY
v				1	NONE
v				2	AID TO DEP. CHILDREN
v				3	OTHER AID
v				4	BOTH
FREC31D	1	173	A		INTEREST INCOME RECIPIENCY
v				1	NONE
v				2	INTEREST
FREC31E	1	174	A		DIVIDENDS, RENTAL, AND ESTATE INCOME RECIPIENCY
*				1	NONE
v				2	DIVIDENDS ONLY
v				3	RENTAL ONLY
v				4	ESTATES ONLY
v				5	DIVIDENDS AND RENTAL
v				6	DIVIDENDS AND ESTATES
v				7	RENTAL AND ESTATES
v				8	DIVIDENDS, RENTAL AND ESTATES
FREC31F	1	175	A		VETERANS PAYMENT INCOME RECIPIENCY
v				1	NONE
v				2	VETERAN PAYMENTS ONLY
v				3	UNEMPLOYMENT COMP. ONLY
v				4	WORKMENS COMP. ONLY
v				5	VETERANS AND UNEMP COMP
v				6	VETERANS AND WORKMENS COMP
v				7	UNEMP AND WORKMENS COMP
v				8	VETERANS, UNEMP AND WORKMENS COMP
FREC31G	1	176	A		RETIREMENT INCOME RECIPIENCY
v				1	NONE
v				2	PRIVATE PENSIONS ONLY
v				3	MILITARY RETIREMENT ONLY
v				4	FEDERAL GOV'T ONLY
v				5	STATE OR LOCAL GOV'T ONLY
v				6	ALL COMBINATIONS OF ABOVE
FREC31H	1	177	A		CHILD SUPPORT AND ALIMONY INCOME RECIPIENCY
*				1	NONE
v				2	ALIMONY OR CHILD SUPPORT ONLY
v				3	OTHER CONTRIBUTIONS ONLY
v				4	ANYTHING ELSE
v				5	ALIMONY AND OTHER
v				6	ALIMONY AND ANYTHING ELSE
v				7	OTHER AND ANYTHING ELSE
v				8	ALIMONY, OTHER ANYTHING ELSE

FAMILY RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				22	\$25,000 TO \$29,999
V				23	\$30,000 TO \$34,999
V				24	\$35,000 TO \$39,999
V				25	\$40,000 TO \$49,999
V				26	\$50,000 TO \$59,999
V				27	\$60,000 TO \$74,999
V				28	\$75,000 AND OVER
RFSINC2	2	194	A		SOURCE OF FAMILY INCOME
*					NOTE: "EARNINGS" INCLUDES WAGE AND
*					SALARY AND SELF-EMPLOYMENT
*					INCOME.
V				01	WAGE OR SALARY
V				02	SELF-EMPLOYMENT
V				03	WAGE OR SALARY AND SELF-EMPLOYMENT
V				04	EARNINGS AND SOCIAL SECURITY INCOME ONLY
V				05	EARNINGS AND PUB ASSISTANCE INCOME ONLY
V				06	EARNINGS AND SUPPLEMENTAL SECURITY INCOME
*					(SSI) ONLY
V				07	EARNINGS AND OTHER INCOME ONLY
V				08	OTHER COMBINATIONS
V				09	SOCIAL SECURITY INCOME ONLY
V				10	PUBLIC ASSISTANCE INCOME ONLY
V				11	SUPPLEMENTAL SECURITY INCOME (SSI) ONLY
V				12	OTHER INCOME ONLY
V				13	SOCIAL SECURITY AND SUPPLEMENTAL (SSI) ONLY
V				14	PUB ASSIST. AND SSI ONLY
V				15	ASSISTANCE INCOME ONLY
V				16	OTHER COMBINATIONS
V				17	NO INCOME
FSUPWGT	11	196	N		FAMILY OR MARCH SUPPLEMENT WEIGHT OF
*					THE HOUSEHOLD OR REFERENCE PERSON
*					(TWO IMPLIED DECIMALS)
FWIFEINX	2	207	A		INDEX IN PERSON RECORD OF FAMILY WIFE
V				00	NO WIFE
*					1-39 LINE NUMBER FOR WIFE
*					SEE PPOS IN PERSON RECORD
*					(POSITION P7)
FHUSBINX	2	209	A		INDEX IN PERSON RECORD OF FAMILY
*					HUSBAND
V				00	NO HUSBAND
*					1-39 LINE NUMBER FOR HUSBAND
*					SEE PPOS IN PERSON RECORD
*					(POSITION P7)
FILL10	120	211	A		FILLER
FFRECTYP	1	331	A		FAMILY RECORD TYPE
V				2	FAMILY RECORD
FILL11	77	332	A		FILLER

# CURRENT POPULATION SURVEY MARCH 1988 DATA DICTIONARY

## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
PPSEQNUM	6	1	A		UNIQUE HOUSEHOLD IDENTIFIER
PPOS	2	7	A		PERSONS SEQUENCE NUMBER WITHIN HOUSEHOLD
BPPIND	1	9	A		PRINCIPAL PERSON INDICATOR
				0	NIU, NO
				1	YES
FMEMKEY	1	10	A		FAMILY MEMBERSHIP KEY
				0	NIU
				1	MEMBER UNRELATED SUBFAMILY NO 1
				2	MEMBER UNRELATED SUBFAMILY NO 2
				3	MEMBER UNRELATED SUBFAMILY NO 3
				4	MEMBER UNRELATED SUBFAMILY NO 4
				5	MEMBER UNRELATED SUBFAMILY NO 5
				6	MEMBER UNRELATED SUBFAMILY NO 6
				7	MEMBER OF FAMILY
				8	NONFAMILY HOUSEHOLDER OR UNRELATED INDIVIDUAL
SUBFKEY	1	11	A		RELATED SUBFAMILY MEMBERSHIP KEY
				0	NIU
				1	MEMBER RELATED SUBFAMILY NO 1
				2	MEMBER RELATED SUBFAMILY NO 2
				3	MEMBER RELATED SUBFAMILY NO 3
				4	MEMBER RELATED SUBFAMILY NO 4
				5	MEMBER RELATED SUBFAMILY NO 5
				6	MEMBER RELATED SUBFAMILY NO 6
BESR	1	12	A		EMPLOYMENT STATUS RECODE
				0	NIU
				1	WORKING EMPLOYED
				2	WITH JOB, NOT AT WORK EMPLOYED
				3	LOOKING UNEMPLOYED
				4	HOUSE KEEPING NILF
				5	AT SCHOOL NILF
				6	UNABLE NILF
				7	OTHER (RETIRED) NILF
BEXPLF	1	13	A		EXPERIENCED LABOR FORCE STATUS(EDITED)
				1	NIU, NOT IN EXPERIENCED LABOR FORCE EMPLOYED
				2	UNEMPLOYED
BFULLPAR	1	14	A		FULL-PART TIME STATUS RECODE
				0	NIU, NOT IN LABOR FORCE
				1	EMPLOYED FULL TIME
				2	PART TIME FOR ECONOMIC REASONS
				3	UNEMPLOYED FULL TIME
				4	EMPLOYED PART TIME
				5	UNEMPLOYED PART TIME
BITEM19X	1	15	A		MAJOR ACTIVITY (LAST WEEK)
				0	NIU
				1	WORKING
				2	WITH A JOB BUT NOT AT WORK
				3	LOOKING FOR WORK
				4	KEEPING HOUSE
				5	AT SCHOOL
				6	UNABLE TO WORK
				7	RETIRED (EXPANDED FROM BASIC CPS)
				8	OTHER
DITEM20A	2	16	N		HOURS WORKED (LAST WEEK)
					UNIVERSE IS ESR=1
					ESR IS EMPLOYMENT STATUS RECODE
					AT BEGIN POSITION 12
					NIU
					01-99 = NUMBER OF HOURS

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
DIT20CYN	1	18	A		USUALLY WORKED 35 HRS PER WEEK
*					UNIVERSE IS ESR=1 AND ITEM20A LT 35 HRS
V				0	NIU
V				1	YES
V				2	NO
DIT20CRN	2	19	A		REASON NOT WORKING 35 HRS PER WEEK
*					UNIVERSE IS ESR=1 AND ITEM20A LT 35 HRS
V				00	NIU
V				01	SLACK
V				02	MATERIAL SHORTAGE
V				03	PLANT OR MACHINE REPAIR
V				04	NEW JOB STARTED DURING WEEK
V				05	JOB TERMINATED DURING WEEK
V				06	COULD FIND ONLY PART TIME WORK
V				07	HOLIDAY
V				08	LABOR DISPUTE
V				09	BAD WEATHER
V				10	OWN ILLNESS
V				11	ON VACATION
V				12	TOO BUSY WITH HOUSE, SCHOOL, ETC.
V				13	DID NOT WANT FULL TIME WORK
V				14	FULL TIME WORK WEEK LESS THAN 35 HRS
V				15	OTHER
DITEM21A	1	21	A		WHY NOT AT WORK LAST WEEK
*					UNIVERSE IS ESR=2,3
*					ESR IS EMPLOYMENT STATUS RECODE
*					AT BEGIN POSITION 12
V				0	NIU
V				1	OWN ILLNESS ESR=2
V				2	ON VACATION ESR=2
V				3	BAD WEATHER ESR=2
V				4	LABOR DISPUTE ESR=2
V				5	NEW JOB, BEGIN 30 DAYSESR=3
V				6	TEMPORARY LAYOFF ESR=3
V				7	INDEFINITE LAYOFF ESR=3
V				8	OTHER ESR=2
DITEM21B	1	22	A		GETTING PAID FOR TIME OFF LAST WEEK
*					UNIVERSE IS ESR=2
V				0	NIU
V				1	YES
V				2	NO
V				3	SELF-EMPLOYED
DITEM21C	1	23	A		USUALLY WORK 35+ HRS PER WEEK AT JOB
*					UNIVERSE IS ESR=2
V				0	NIU
V				1	YES
V				2	NO
DITM22A1	1	24	A		CHKD PUBLIC EMPLOY AGENCY TO FIND WORK
*					UNIVERSE IS ESR=3
V				0	NC,NIU
V				1	YES
DITM22A2	1	25	A		CHKD PRIVATE EMPLOY AGENCY TO
*					FIND WORK
*					UNIVERSE IS ESR=3
V				0	NC,NIU
V				1	YES
DITM22A3	1	26	A		CHKD EMPLOYER DIRECTLY TO FIND WORK
*					UNIVERSE IS ESR=3
V				0	NC,NIU
V				1	YES
DITM22A4	1	27	A		CHKD WITH FRIENDS TO FIND WORK
*					UNIVERSE IS ESR=3
V				0	NC,NIU
V				1	YES
DITM22A5	1	28	A		PLACED OR ANSWERED ADS TO FIND WORK
*					UNIVERSE IS ESR=3
V				0	NC,NIU
V				1	YES
DITM22A6	1	29	A		DID NOTHING TO FIND WORK
*					UNIVERSE IS ESR=4 TO 7
V				0	NC,NIU
V				1	YES

## PERSON RECORD

DATA NAME	SIZE	BEGIN TYPE	DATA CATEGORY VALUE	DESCRIPTION
DITM22A7	1	30 A		OTHER METHOD USED TO FIND WORK
*				UNIVERSE IS ESR=3
V			0	NC,NIU
V			1	YES
DITM24D1	1	31 A		BELIEVE NO WORK AVAILABLE NOT LOOKING
*				UNIVERSE IS DEFINED ON CIVILIAN AGE
*				14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D2	1	32 A		COULD NOT FIND ANY WORK
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D3	1	33 A		LACKS NECESSARY SCHOOLING
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D4	1	34 A		EMPLOYERS THINK TOO YOUNG OR OLD
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D5	1	35 A		PERSONAL HANDICAP
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
V			0	NC,NIU
V			1	YES
DITM24D6	1	36 A		CANNOT ARRANGE CHILD CARE
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D7	1	37 A		FAMILY RESPONSIBILITIES
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D8	1	38 A		IN SCHOOL OR OTHER TRAINING
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DITM24D9	1	39 A		ILL HEALTH OR OTHER PHYSICAL DISABILITY
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DIT24D10	1	40 A		OTHER
*				UNIVERSE IS DEFINED ON CIVILIAN
*				AGE 14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES
DIT24D11	1	41 A		DO NOT KNOW
*				UNIVERSE IS DEFINED ON CIVILIAN AGE
*				14+, MONTH IN SAMPLE 4 OR 8, ESR
*				CODES 4 TO 7, AND ITEM24C CODES 1 OR 2
V			0	NC,NIU
V			1	YES

PERSON RECORD

DATA NAME	SIZE	BEGIN TYPE	DATA CATEGORY VALUE	DESCRIPTION
DITEM22B	1	42 A		WHY STARTED LOOKING FOR WORK
*				UNIVERSE IS ESR=3 ITEM21A NOT
*				EQUAL 6 OR 7
V			0	NIU
V			1	LOST JOB
V			2	QUIT JOB
V			3	LEFT SCHOOL
V			4	WANTED TEMPORARY WORK
V			5	OTHER
DITEM22C	2	43 A		WEEKS LOOKING FOR WORK
*				RANGE = 01-99 WEEKS
*				UNIVERSE IS ESR=3
V			00	NIU
DITEM22D	1	45 A		LOOKING FOR FULL OR PART-TIME WORK
*				UNIVERSE IS ESR=3
V			0	NIU
V			1	FULL TIME
V			2	PART TIME
DITM22E1	1	46 A		ANY REASON COULD NOT TAKE JOB
*				UNIVERSE IS ESR=3
V			0	NIU
V			1	YES
V			2	NO
DITM22E2	1	47 A		REASON COULD NOT TAKE WORK LAST WEEK
*				UNIVERSE IS U1 OR U2,
*				U1 IS ESR=3 AND ITEM22E1=1
*				U2 IS ESR=4 TO 7
V			0	NIU
V			1	ALREADY HAD A JOB -- U1
V			2	TEMPORARY ILLNESS -- U1
V			3	GOING TO SCHOOL -- U2
V			4	OTHER -- U2
DITEM22F	1	48 A		WHEN LAST WORKED FULL TIME 2 WKS OR MORE
*				UNIVERSE IS ESR=3
V			0	NIU
V			1	IN LAST 5 YRS
V			2	BEFORE LAST 5 YRS
V			3	NEVER WORKED FULL TIME 2+ WKS
V			4	NEVER WORKED AT ALL
DINDUSTR	3	49 A		INDUSTRY (CURRENT JOB)
*				UNIVERSE IS ESR=1,2,3 OR ESR=4 TO 7
*				AND MONTH IN SAMPLE IS 4 OR 8 AND
*				ITEM24A IS 1 TO 5
*				000 = NIU OR NC
*				991 = ARMED FORCES LAST JOB
*				(SEE APPENDIX A1 FOR INDUSTRY CODES)
RECODIND	2	52 A		INDUSTRY RECODE (CURRENT JOB)
*				SEE APPENDIX A2
V			00	NIU
V			01	AGRICULTURE
V			02	MINING
V			03	CONSTRUCTION
V			04	LUMBER AND WOOD PRODUCTS, EXCEPT
*				FURNITURE
V			05	FURNITURE AND FIXTURES
V			06	STONE, CLAY, GLASS, AND CONCRETE
*				PRODUCTS
V			07	PRIMARY METALS
V			08	FABRICATED METALS
V			09	NOT SPECIFIED METAL INDUSTRIES
V			10	MACHINERY, EXC. ELECT.
V			11	ELECTRICAL MACH., EQUIP., AND SUPPLIES
V			12	MOTOR VEHICLES AND EQUIPMENT
V			13	AIRCRAFT AND PARTS
V			14	OTHER TRANSPORTATION EQUIPMENT
V			15	PROFESSIONAL AND PHOTOGRAPHIC EQUIP-
*				MENT, AND WATCHES
V			16	TOYS, AMUSEMENTS, AND SPORTING GOODS
V			17	MISCELLANEOUS AND NOT SPECIFIED
*				MANUFACTURING INDUSTRIES
V			18	FOOD AND KINDRED PRODUCTS
V			19	TOBACCO MANUFACTURES
V			20	TEXTILE MILL PRODUCTS

## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				21	APPAREL AND OTHER FINISHED TEXTILE PRODUCTS
*					
V				22	PAPER AND ALLIED PRODUCTS
V				23	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES
*					
V				24	CHEMICALS AND ALLIED PRODUCTS
V				25	PETROLEUM AND COAL PRODUCTS
V				26	RUBBER AND MISC. PLASTICS PRODUCTS
V				27	LEATHER AND LEATHER PRODUCTS
V				28	TRANSPORTATION
V				29	COMMUNICATIONS
V				30	UTILITIES AND SANITARY SERVICES
V				31	WHOLESALE TRADE
V				32	RETAIL TRADE
V				33	BANKING AND OTHER FINANCE
V				34	INSURANCE AND REAL ESTATE
V				35	PRIVATE HOUSEHOLD SERVICES
V				36	BUSINESS SERVICES
V				37	REPAIR SERVICES
V				38	PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD
*					
V				39	ENTERTAINMENT AND RECREATION SERVICES
V				40	HOSPITALS
V				41	HEALTH SERVICES, EXCEPT HOSPITALS
V				42	EDUCATIONAL SERVICES
V				43	SOCIAL SERVICES
V				44	OTHER PROFESSIONAL SERVICES
V				45	FORESTRY AND FISHERIES
V				46	PUBLIC ADMINISTRATION
V				47	NO PREVIOUS WORK EXPERIENCE OR ARMED FORCES LAST JOB
*					
RECODECC	2	54	A		OCCUPATION RECODE (CURRENT JOB )
V				00	NIU
V				01	ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION
*					
V				02	MANAGERS AND ADMINISTRATORS, EXCEPT PUBLIC ADMINISTRATION
*					
V				03	SALARIED
V				04	SELF-EMPLOYED
V				05	MANAGEMENT RELATED OCCUPATIONS
V				06	ACCOUNTANTS AND AUDITORS
V				07	ENGINEERS, ARCHITECTS, AND SURVEYORS
V				08	ENGINEERS
V				09	NATURAL SCIENTISTS AND MATHEMATICIANS
V				10	COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS
*					
V				11	HEALTH DIAGNOSING OCCUPATIONS
V				12	PHYSICIANS AND DENTISTS
V				13	HEALTH ASSESSMENT AND TREATING OCCUPATIONS
*					
V				14	TEACHERS, LIBRARIANS, AND COUNSELORS
V				15	TEACHERS, EXCEPT POSTSECONDARY
V				16	OTHER PROFESSIONAL SPECIALTY OCCUPATIONS
*					
V				17	HEALTH TECHNOLOGISTS AND TECHNICIANS
V				18	ENGINEERING AND SCIENCE TECHNICIANS
V				19	TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE
*					
V				20	SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS
*					
V				21	SALES REPRESENTATIVES, COMMODITIES AND FINANCE
*					
V				22	OTHER SALES OCCUPATIONS
V				23	COMPUTER EQUIPMENT OPERATORS
V				24	SECRETARIES, STENOGRAPHERS, AND TYPISTS
*					
V				25	FINANCIAL RECORDS PROCESSING OCCUPATIONS
*					
V				26	OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL
*					
V				27	PRIVATE HOUSEHOLD SERVICE OCCUPATIONS
V				28	PROTECTIVE SERVICE OCCUPATIONS
V				29	FOOD SERVICE OCCUPATIONS



## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
V				30	HEALTH SERVICE OCCUPATIONS
V				31	CLEANING AND BUILDING SERVICE OCCUPATIONS
V				32	PERSONAL SERVICE OCCUPATIONS
V				33	FARM OPERATORS AND MANAGERS
V				34	FARM OCCUPATIONS, EXCEPT MANAGERIAL
V				35	RELATED AGRICULTURAL OCCUPATIONS
V				36	FORESTRY AND FISHING OCCUPATIONS
V				37	MECHANICS AND REPAIRERS
V				38	CONSTRUCTION TRADES AND EXTRACTIVE OCCUPATIONS
V				39	CARPENTERS
V				40	SUPERVISORS, PRODUCTION OCCUPATIONS
V				41	PRECISION METAL WORKING OCCUPATIONS
V				42	OTHER PRECISION PRODUCTION OCCUPATIONS
V				43	MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION
V				44	FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS
V				45	PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS
V				46	TRANSPORTATION OCCUPATIONS
V				47	MATERIAL MOVING EQUIPMENT OPERATORS
V				48	CONSTRUCTION LABORERS
V				49	FREIGHT, STOCK, AND MATERIAL HANDLERS
V				50	OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS AND HELPERS
V				51	LABORERS, EXCEPT CONSTRUCTION
V				52	NO PREVIOUS WORK EXPERIENCE OR ARMED FORCES LAST JOB
DOCCUPAT	3	56	A		OCCUPATION CODE (CURRENT JOB) UNIVERSE IS ESR=1,2, OR 3 OR ESR=4-7 AND MONTH IN SAMPLE IS 4 OR 8 AND ITEM24A IS 1 TO 5 000 = NIU OR NC 905 = ARMED FORCES LAST JOB (SEE APPENDIX B1 FOR OCCUPATION CODES)
DITEM23E	1	59	A		CLASS OF WORKER (CURRENT JOB) UNIVERSE IS ESR=1,2, OR 3 OR ESR=4-7 AND MONTH IN SAMPLE IS 4 OR 8 AND ITEM24A IS 1 TO 5 0 NIU, NC 1 PRIVATE 2 GOVERNMENT 3 SELF-EMPLOYED 4 WITHOUT PAY 5 NEVER WORKED OR NEVER WORKED FULL TIME
DITEM24A	1	60	A		WHEN LAST WORKED FOR PAY UNIVERSE IS ESR=4 TO 7 AND MONTH IN SAMPLE = 4 OR 8 0 NIU 1 WITHIN PAST 12 MONTHS 2 1-2 YEARS AGO 3 2-3 YEARS AGO 4 3-4 YEARS AGO 5 4-5 YEARS AGO 6 5+ YEARS AGO 7 NEVER WORKED
DITEM24B	1	61	A		WHY LEFT JOB UNIVERSE IS ESR=4 TO 7 AND MONTH IN SAMPLE IS 4 OR 8 AND ITEM24A IS 1 TO 5 0 NIU 1 PERSONAL, FAMILY OR SCHOOL 2 HEALTH 3 RETIREMENT OR OLD AGE 4 SEASONAL JOB COMPLETED 5 SLACK WORK OR BUSINESS CONDITIONS 6 TEMP NONSEASONAL JOB COMPLETED 7 UNSATISFACTORY WORK ARRANGEMENTS 8 OTHER

## PERSON RECORD

DATA NAME	SIZE	BEGIN TYPE	DATA CATEGORY VALUE	DESCRIPTION
DITEM24C	1	62 A		WANT REGULAR JOB NOW
*				UNIVERSE IS ESR=4 TO 7 AND
*				MONTH IN SAMPLE IS 4 OR 8
v			0	NIU
v			1	YES
v			2	MAYBE, IT DEPENDS
v			3	NO
v			4	DON'T KNOW
DITEM24E	1	63 A		INTEND TO LOOK FOR WORK NEXT 12 MOS.
*				UNIVERSE IS ESR=4 TO 7 AND
*				MONTH IN SAMPLE IS 4 OR 8
v			0	NIU, NC
v			1	YES
v			2	IT DEPENDS
v			3	NO
v			4	DON'T KNOW
BAALLF	1	64 A		ALLOCATION FLAG
*				ITEMS BAALLF THRU BAESR ARE
*				ALLOCATION FLAGS FOR THE CORRESPONDING
*				ITEMS FROM THE BASIC CPS
v			0	NOT ALLOCATED, NIU
v			1	ALLOCATED
BAITM19	1	65 A		ALLOCATION FLAG
BAITM23B	1	66 A		ALLOCATION FLAG
BAITM23C	1	67 A		ALLOCATION FLAG
BAITM23E	1	68 A		ALLOCATION FLAG
BAITM20A	1	69 A		ALLOCATION FLAG
BAITM20C	1	70 A		ALLOCATION FLAG
BAITM21A	1	71 A		ALLOCATION FLAG
BAITM21B	1	72 A		ALLOCATION FLAG
BAITM21C	1	73 A		ALLOCATION FLAG
BAITM22C	1	74 A		ALLOCATION FLAG
BAITM22F	1	75 A		ALLOCATION FLAG
BAITM22D	1	76 A		ALLOCATION FLAG
BAITM24B	1	77 A		ALLOCATION FLAG
BAITM24A	1	78 A		ALLOCATION FLAG
BAITM24C	1	79 A		ALLOCATION FLAG
BAITM24D	1	80 A		ALLOCATION FLAG
BAITM22A	1	81 A		ALLOCATION FLAG
BAITM22E	1	82 A		ALLOCATION FLAG
FILL12	1	83 A		FILLER
BAITM22B	1	84 A		ALLOCATION FLAG
BAITM24E	1	85 A		ALLOCATION FLAG
FILL13	4	86 A		FILLER
BAESR	1	90 A		ALLOCATION FLAG
BWEIGHT	11	91 N		BASIC CPS WEIGHT
*				(TWO IMPLIED DECIMALS)
*				CIVILIANS 14 AND OVER
*				0=NIU, N=BASIC CPS WGT
*				SPANISH POPULATION WHICH IS OVER
*				SAMPLED HAS WEIGHT OF BLANK OR 0
*				FOR MARCH SUPPLEMENT WEIGHT, SEE
*				CHARACTER POSITION 118
POPSTAT	1	102 A		POPULATION TYPE ITEM25A
v			0	NONINTERVIEW RECORD
v			1	CIVILIAN 15+
v			2	ARMED FORCES
v			3	CHILDREN
RELHEAD	1	103 A		RELATIONSHIP TO HOUSEHOLDER
v			1	HOUSEHOLDER WITH OTHER RELATIVES
v			2	NONFAMILY HOUSEHOLDER
v			3	SPOUSE OF HOUSEHOLDER
v			4	CHILD OF HOUSEHOLDER
v			5	OTHER RELATIVE OF HOUSEHOLDER
v			6	UNRELATED SUBFAMILY MEMBER
v			7	UNRELATED INDIVIDUAL
TYPEBOX	1	104 A		FAMILY TYPE
v			0	FAMILY
v			1	UNRELATED INDIVIDUAL
v			2	UNRELATED SUBFAMILY MEMBER
v			3	RELATED SUBFAMILY MEMBER
v			4	NONFAMILY HOUSEHOLDER

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
FAMNUMBE	1	105	A		FAMILY NUMBER
V				0	NOT IN RELATED OR UNRELATED SUBFAMILY
*					1-6 RELATED OR UNRELATED SUB-
FAMREL	1	106	A		FAMILY NUMBER
V				0	FAMILY RELATIONSHIP
V				1	NOT IN RELATED OR UNRELATED SUBFAMILY
*					REFERENCE PERSON (RELATED OR
V				2	UNRELATED SUBFAMILY)
*					SPOUSE (RELATED OR UNRELATED SUB-
V				3	FAMILY)
*					CHILD (RELATED OR UNRELATED SUB-
V				4	FAMILY)
MARSTAT	1	107	A		OTHER RELATIVE (UNRELATED SUBFAMILY)
V				1	MARRIED, CIVILIAN SPOUSE PRESENT
V				2	MARRIED, IF SPOUSE PRESENT
V				3	MARRIED, IF SPOUSE ABSENT
V				4	MARRIED, SPOUSE ABSENT
V				5	WIDOWED
V				6	DIVORCED
V				7	SEPARATED
*				8	NEVER MARRIED
SEX	1	108	A		(INCLUDES UNDER 15 YEARS)
V				1	SEX
V				2	MALE
RACE	1	109	A		FEMALE
V				1	RACE
V				2	WHITE
V				3	BLACK
AGE	2	110	N		OTHER
VET	1	112	A		AGE IN SINGLE YEARS
V				0	VETERAN STATUS
V				1	FEMALES, CHILDREN UNDER 15
V				2	VIETNAM ERA
V				3	KOREAN
V				4	WW II
V				5	WW I
V				6	OTHER SERVICE
ETHNICIT	2	113	A		NON-VETERAN
V				10	SPANISH ETHNICITY
V				11	MEXICAN AMERICAN
V				12	CHICANO
V				13	MEXICAN
V				14	MEXICANO
V				15	PUERTO RICAN
V				16	CUBAN
V				17	CENTRAL OR SOUTH AMERICAN
V				30	OTHER SPANISH
V				39	ANY OTHER ORIGIN NOT LISTED
*				40	INTERVIEWED PERSON DOESN'T KNOW
HIGHGRAD	2	115	A		NOT AVAILABLE FROM INTERVIEWER OR
V				00	REFUSED TO ANSWER
V				01	HIGHEST GRADE ATTENDED
V				02	CHILDREN UNDER 15
V				03	NONE
V				04	ELEMENTARY ONE
V				05	ELEMENTARY TWO
V				06	ELEMENTARY THREE
V				07	ELEMENTARY FOUR
V				08	ELEMENTARY FIVE
V				09	ELEMENTARY SIX
V				10	ELEMENTARY SEVEN
V				11	ELEMENTARY EIGHT
V				12	HIGH SCHOOL ONE
V				13	HIGH SCHOOL TWO
V				14	HIGH SCHOOL THREE
V				15	HIGH SCHOOL FOUR
V				16	COLLEGE ONE
V				17	COLLEGE TWO
V				18	COLLEGE THREE
V				19	COLLEGE FOUR
					COLLEGE FIVE
					COLLEGE SIX OR MORE

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
GRADECOM	1	117	A		COMPLETED HIGHEST GRADE ATTENDED
V				0	CHILDREN UNDER 15
V				1	YES
V				2	NO
MARSUPPW	11	118	N		MARCH SUPPLEMENT WEIGHT (TWO IMPLIED DECIMALS)
* 134N	1	129	A		DID NOT WORK LAST YEAR
V				0	NIU
V				1	ITEM 34 NONE CIRCLE CODED
135	1	130	A		LOOKING FOR WORK LAST YEAR
V				0	NIU
V				1	YES
V				2	NO
136	2	131	N		WEEKS LOOKING, FOR NONWORKERS
*					NIU
*					01-52 NUMBER OF WEEKS LOOKING
137	1	133	A		MAIN REASON DID NOT WORK LAST YEAR
*				0	NIU
*				1	ILL OR DISABLED
*				2	TAKING CARE OF HOME/FAMILY
*				3	GOING TO SCHOOL
*				4	COULD NOT FIND WORK
*				5	(CODE NOT USED BEGINNING 1984)
*				6	RETIRED
*				7	OTHER
134WK	2	134	N		WEEKS WORKED LAST YEAR
*					NIU
*					01-52 NUMBER WEEKS
*					(PART-TIME OR FULL-TIME)
138	2	136	N		NUMBER OF HOURS WORKED PER WEEK
*					LAST YEAR
*					NIU
*					01-99 NUMBER OF HOURS PER WEEK
139	1	138	A		NUMBER OF EMPLOYERS LAST YEAR
V				0	NIU
V				1	1 EMPLOYER LAST YEAR
V				2	2 EMPLOYERS
V				3	3+ EMPLOYERS
FILL14	1	139	A		FILLER
142	1	140	A		LOST FULL WEEKS WORK DUE TO WORK
*					LAYOFF OR LOST JOB
V				0	NIU
V				1	YES
V				2	NO
143N	1	141	A		WEEKS LOOKING OR ON LAYOFF
V				0	NIU,NC
V				1	NONE CODED
143WK	2	142	N		WEEKS LOOKING OR ON LAYOFF
*					NIU
*					01-51 WEEKS LOOKING OR ON LAYOFF
144	1	144	A		WEEKS LOOKING ALL IN ONE STRETCH
V				0	NIU
V				1	YES, 1 STRETCH
V				2	NO, 2 STRETCHES
V				3	NO, 3+ STRETCHES
145	1	145	A		WHAT WAS DONE MOST OF REMAINING WEEKS
*					LAST YEAR
V				0	NIU
V				1	ILL OR DISABLED
V				2	TAKING CARE OF HOME/ FAMILY
V				3	GOING TO SCHOOL
V				5	RETIRED
V				6	NO WORK AVAILABLE
V				7	OTHER
147	1	146	A		WORKED LESS THAN 35 HRS ONE WEEK
*					LAST YEAR
V				0	NIU
V				1	YES, WORKED SOME PART TIME
V				2	NO
148	2	147	N		WEEKS WORKED PART-TIME
*					NIU
*					01-52 NUMBER WEEKS PART-TIME

## PERSON RECORD

DATA NAME	SIZE	BEGIN TYPE	DATA CATEGORY VALUE	DESCRIPTION
149	1	149 A		REASON WORKED PART TIME
V			0	NIU
V			1	COULD ONLY FIND PART TIME
V			2	WANTED OR COULD ONLY WORK PART TIME
V			3	SLACK WORK OR MATERIAL SHORTAGE
V			4	OTHER
150CW	1	150 A		CLASS OF WORKER (LONGEST JOB LAST YEAR)
V			0	NIU
V			1	PRIVATE
V			2	FEDERAL GOV'T
V			3	STATE GOV'T
V			4	LOCAL GOV'T
V			5	SE - INCORPORATED
V			6	SELF-EMPLOYED OR FARM
V			7	WITHOUT PAY
150IND	3	151 A		INDUSTRY CODE (LONGEST JOB LAST YEAR)
*				SEE APPENDIX A1
150OCC	3	154 A		OCCUPATION CODE (LONGEST JOB LAST YEAR)
*				SEE APPENDIX B1
151AWS	1	157 A		WAGE AND SALARY RECIPIENCY
*				NOTE: INCLUDES SELF-EMPLOYED
*				INCORPORATED
V			0	NIU
V			1	YES
V			2	NO
151BSE	1	158 A		NONFARM SELF-EMPLOYMENT RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
151CFR	1	159 A		FARM INCOME RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
152ASS	1	160 A		SOCIAL SECURITY RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
152ARR	1	161 A		RAILROAD RETIREMENT RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
152BUS	1	162 A		SUPPLEMENTAL SECURITY INCOME
V			0	NIU
V			1	YES
V			2	NO
FILL15	1	163 A		FILLER
153AADC	1	164 A		AID TO DEPENDENT CHILDREN RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
153AOTH	1	165 A		OTHER PUBLIC ASSISTANCE RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
153BINT	1	166 A		INTEREST RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
153CDIV	1	167 A		DIVIDENDS RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
153CRENT	1	168 A		RENT AND ROYALTIES RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO
153CEST	1	169 A		ESTATES AND TRUSTS RECIPIENCY
V			0	NIU
V			1	YES
V			2	NO

## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
I53DVP	1	170	A		VETERANS PAYMENTS RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53DUC	1	171	A		UNEMPLOYMENT COMPENSATION RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53DWC	1	172	A		WORKMENS COMPENSATION RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53EPP	1	173	A		PRIVATE PENSIONS RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53EMR	1	174	A		MILITARY RETIREMENT RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53EFG	1	175	A		FEDERAL GOV'T PENSION RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53ELG	1	176	A		STATE AND LOCAL GOV'T PENSION RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53FAL	1	177	A		ALIMONY AND CHILD SUPPORT RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53FREG	1	178	A		OTHER REGULAR CONTRIBUTION RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
I53FAE	1	179	A		ANYTHING ELSE RECIPIENCY
V				0	NIU
V				1	YES
V				2	NO
INCWSFLA	1	180	A		WS-FLAG
*					INCWSFLA THRU INCCSFLA ARE FLAGS
*					INDICATING WHETHER THE CORRESPONDING
*					ITEMS HAVE BEEN ALLOC. FOR THE INCOME
*					FIELDS FROM QUESTIONS 151, 152 AND
*					153
V				0	NO ALLOCATION
V				1	INCOME AMOUNT ALLOCATED
V				2	RECIPIENCY TYPE ALLOCATED
V				3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCSEFLA	1	181	A		SELF EMPLOYMENT FLAG
V				0	NO ALLOCATION
V				1	INCOME AMOUNT ALLOCATED
V				2	RECIPIENCY TYPE ALLOCATED
V				3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCFRFLA	1	182	A		FARM INCOME FLAG
V				0	NO ALLOCATION
V				1	INCOME AMOUNT ALLOCATED
V				2	RECIPIENCY TYPE ALLOCATED
V				3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCUSFLA	1	183	A		U.S. GOVERNMENT (SOCIAL SECURITY
*					RAILROAD/RETIREMENT) FLAG
V				0	NO ALLOCATION
V				1	INCOME AMOUNT ALLOCATED
V				2	RECIPIENCY TYPE ALLOCATED
V				3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCSSFLA	1	184	A		SUPPLEMENTAL SECURITY INCOME FLAG
V				0	NO ALLOCATION
V				1	INCOME AMOUNT ALLOCATED
V				2	RECIPIENCY TYPE ALLOCATED
V				3	INCOME AND RECIPIENCY TYPE ALLOCATED

## PERSON RECORD

DATA NAME	SIZE	BEGIN TYPE	DATA CATEGORY VALUE	DESCRIPTION
INCPAFLA	1	185 A		PUBLIC ASSISTANCE FLAG
V			0	NO ALLOCATION
V			1	INCOME AMOUNT ALLOCATED
V			2	RECIPIENCY TYPE ALLOCATED
V			3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCINTFL	1	186 A		INTEREST FLAG
V			0	NO ALLOCATION
V			1	INCOME AMOUNT ALLOCATED
V			2	RECIPIENCY TYPE ALLOCATED
V			3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCDIVFL	1	187 A		DIVIDEND FLAG
V			0	NO ALLOCATION
V			1	INCOME AMOUNT ALLOCATED
V			2	RECIPIENCY TYPE ALLOCATED
V			3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCPVFLA	1	188 A		VETERANS PAYMENTS FLAG
V			0	NO ALLOCATION
V			1	INCOME AMOUNT ALLOCATED
V			2	RECIPIENCY TYPE ALLOCATED
V			3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCRETFL	1	189 A		RETIREMENT INCOME FLAG
V			0	NO ALLOCATION
V			1	INCOME AMOUNT ALLOCATED
V			2	RECIPIENCY TYPE ALLOCATED
V			3	INCOME AND RECIPIENCY TYPE ALLOCATED
INCCSFLA	1	190 A		CHILD SUPPORT - FLAG
V			0	NO ALLOCATION
V			1	INCOME AMOUNT ALLOCATED
V			2	RECIPIENCY TYPE ALLOCATED
V			3	INCOME AND RECIPIENCY TYPE ALLOCATED
I51A	5	191 N		WAGES OR SALARIES AMOUNT
*				NOTE: INCLUDES SELF-EMPLOYED
*				INCORPORATED
I51B	6	196 N		VALUE RANGES FROM 00000 TO 99999
*				SELF EMPLOYMENT INCOME AMOUNT
*				LEADING '-' INDICATES LOSS
I51C	6	202 N		VALUE RANGES FROM -09999 TO 099999
*				FARM INCOME AMOUNT
*				LEADING '-' INDICATES LOSS
I52A	5	208 N		VALUE RANGES FROM -09999 TO 099999
*				INCOME FROM SOCIAL SECURITY AND/OR
*				RAILROAD RETIREMENT
I52B	4	213 N		VALUE RANGES FROM 00000 TO 19999
*				SUPPLEMENTAL SECURITY INCOME AMOUNT
I53A	5	217 N		VALUE RANGES FROM 0000 TO 9999
*				PUBLIC ASSISTANCE AMOUNT
I53B	5	222 N		VALUE RANGES FROM 00000 TO 99999
*				INTEREST AMOUNT
I53C	6	227 N		VALUE RANGES FROM 00000 TO 99999
*				DIVIDENDS, RENTALS, TRUST INCOME AMOUNT
*				LEADING '-' INDICATES LOSS
I53D	5	233 N		VALUE RANGES FROM -09999 TO 099999
*				VETERANS, UNEMPLOYMENT, WORKMAN'S COMP
I53E	5	238 N		AMOUNT VALUE RANGES FROM 00000 TO 99999
*				PENSION INCOME AMOUNT
I53F	5	243 N		VALUE RANGES FROM 00000 TO 99999
*				ALIMONY, CHILD SUPPORT, OTHER INCOME
*				AMOUNT
PINCTOT	7	248 N		VALUE RANGES FROM 00000 TO 99999
*				PERSONAL INCOME TOTAL
*				VALUE RANGES FROM -150000 TO N
				(PERSONAL INCOME TOTAL)
PINCEARN	7	255 N		TOTAL EARNINGS
*				VALUE RANGES FROM -020000 TO N
*				(TOTAL EARNINGS)
PINCOTH	7	262 N		TOTAL OTHER INCOME
*				VALUE RANGES FROM -N (TOTAL OTHER
*				INCOME LOSS) TO N (TOTAL OTHER INCOME)

May 1989

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
FLAG51A	1	269	A		TOP CODED FLAG
*					FLAG51A THRU FLPINOTH ARE FLAGS
*					INDICATING THAT THE CORRESPONDING ITEM
*					HAS BEEN TOP-CODED FOR CONFIDENTIALITY
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG51B	1	270	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG51C	1	271	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG52A	1	272	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG52B	1	273	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG53A	1	274	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG53B	1	275	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG53C	1	276	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG53D	1	277	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG53E	1	278	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLAG53F	1	279	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLPINTOT	1	280	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLPINERN	1	281	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FLPINOTH	1	282	A		TOP CODED FLAG
V				0	NOT TOP CODED
V				1	TOP CODED
FILL16	6	283	A		FILLER
PLOWINC	6	289	N		LOW INCOME (POVERTY) CUT-OFF DOLLAR AMT
*					NIU, PERSONS LESS THAN 65
RBEMPST	1	295	A		LABOR FORCE RECODE 1
V				0	NIU
V				1	FULL TIME
V				2	PART TIME
V				3	UNEMPLOYED EXPERIENCED
V				4	UNEMPLOYED NOT EXPERIENCED
V				5	ARMED FORCES
V				6	NOT IN LABOR FORCE
REMPSTA	1	296	A		LABOR FORCE RECODE 2
V				0	NIU
V				1	NOT IN LABOR FORCE
V				2	UNEMPLOYED
V				3	NONAGRICULTURAL EMPLOYMENT
V				4	AGRICULTURAL EMPLOYMENT
RHHDFMS	2	297	A		HOUSEHOLD RECODE 1
V				01	FAMILY HOUSEHOLDER
V				02	SPOUSE OF HOUSEHOLDER:
*					CHILD OF HOUSEHOLDER:
*					UNDER 18, SINGLE NEVER MARRIED:
V				03	REFERENCE PERSON OF RELATED
*					SUBFAMILY
V				04	NOT IN A RELATED SUBFAMILY
*					UNDER 18, EVER MARRIED:
V				05	REFERENCE PERSON OF RELATED
*					SUBFAMILY



## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				06	SPOUSE OF RELATED SUBFAMILY
*					REFERENCE PERSON
V				07	NOT IN A RELATED SUBFAMILY
*					18 YEARS OLD AND OVER, SINGLE (NEVER
*					MARRIED):
V				08	REFERENCE PERSON OF RELATED SUB-
*					FAMILY
V				09	NOT IN A RELATED SUBFAMILY
*					18 YEARS OLD AND OVER, EVER MARRIED:
V				10	REFERENCE PERSON OF RELATED SUB-
*					FAMILY
V				11	SPOUSE OF RELATED SUBFAMILY
*					REFERENCE PERSON
V				12	NOT IN A RELATED SUBFAMILY
V				13	GRANDCHILD UNDER 18, SINGLE (NEVER
*					MARRIED) OF HOUSEHOLDER
*					OTHER RELATIVE OF REFERENCE PERSON:
*					UNDER 18, SINGLE (NEVER MARRIED):
V				14	REFERENCE PERSON OF RELATED SUB-
*					FAMILY
V				15	CHILD OF RELATED SUBFAMILY
*					REFERENCE PERSON
V				16	NOT IN A RELATED SUBFAMILY
*					UNDER 18, EVER MARRIED:
V				17	REFERENCE PERSON OF RELATED SUB-
*					FAMILY
V				18	SPOUSE OF RELATED SUBFAMILY
*					REFERENCE PERSON
V				19	NOT IN A RELATED SUBFAMILY
*					18 YEARS OLD AND OVER, SINGLE (NEVER
*					MARRIED):
V				20	REFERENCE PERSON OF A RELATED
*					SUBFAMILY
V				21	NOT IN A RELATED SUBFAMILY
*					18 YEARS OLD AND OVER, EVER MARRIED:
V				22	REFERENCE PERSON OF A RELATED SUB-
*					SPOUSE OF A RELATED SUBFAMILY
*					REFERENCE PERSON
V				24	NOT IN A RELATED SUBFAMILY
*					IN UNRELATED SUBFAMILY:
V				25	REFERENCE PERSON OF UNRELATED SUB-
*					FAMILY
V				26	SPOUSE OF UNRELATED SUBFAMILY
*					REFERENCE PERSON
V				27	CHILD, UNDER 18, SINGLE (NEVER
*					MARRIED) OF UNRELATED
*					REFERENCE PERSON
*					OTHER RELATIVE OF UNRELATED SUB-
*					FAMILY REFERENCE PERSON:
V				28	UNDER 18, SINGLE (NEVER MARRIED)
V				29	UNDER 18, EVER MARRIED
V				30	18 YEARS OLD AND OVER, SINGLE
*					(NEVER MARRIED)
V				31	18 YEARS OLD AND OVER, EVER
*					MARRIED
*					NOT IN A FAMILY:
V				32	NONFAMILY HOUSEHOLDER
V				33	UNRELATED INDIVIDUAL
V				34	IN GROUP QUARTERS, UNRELATED
*					INDIVIDUALS
RHHDREL	1	299	A		HOUSEHOLD RECODE 2
V				1	HOUSEHOLDER
V				2	SPOUSE OF HOUSEHOLDER
V				3	CHILD OF HOUSEHOLDER, UNDER 18, NEVER
*					MARRIED
V				4	CHILD OF HOUSEHOLDER, UNDER 18
*					EVER MARRIED
V				5	CHILD OF HOUSEHOLDER, 18 +
V				6	OTHER RELATIVE OF HOUSEHOLDER
V				7	NONRELATIVE OF HOUSEHOLDER
V				8	IN GROUP QUARTERS, UNRELATED
*					INDIVIDUALS

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
RFAMREL	2	300	A		HOUSEHOLD RECODE 3
V				01	FAMILY HOUSEHOLDER
V				02	SPOUSE OF HOUSEHOLDER
V				03	CHILD OF HOUSEHOLDER, UNDER 18, NEVER MARRIED
*					
V				04	CHILD OF HOUSEHOLDER, UNDER 18, EVER MARRIED
*					
V				05	18 YEARS AND OVER
V				06	GRANDCHILD OF HOUSEHOLDER, UNDER 18 NEVER MARRIED
*					
*					OTHER RELATIVE OF HOUSEHOLDER OR
*					REFERENCE PERSON OF UNRELATED
*					SUBFAMILY
V				07	UNDER 18 YEARS, NEVER MARRIED
V				08	UNDER 18 YEARS, EVER MARRIED
V				09	OTHER RELATIVE OF HOUSEHOLDER 18 YEARS AND OVER
*					
V				10	NONFAMILY HOUSEHOLDER
V				11	UNRELATED INDIVIDUAL
RFAMST	1	302	A		HOUSEHOLD RECODE 4
V				1	FAMILY HOUSEHOLDER
V				2	SPOUSE
V				3	RELATED CHILDREN UNDER 6 YEARS
V				4	RELATED CHILDREN 6 TO 17 YEARS
V				5	OTHER FAMILY MEMBER
V				6	UNRELATED INDIVIDUAL, MALE
V				7	UNRELATED INDIVIDUAL, FEMALE
RPARENT	1	303	A		PARENTS RECODE (PRESENCE OF PARENTS)
V				0	NIU
V				1	BOTH PARENTS PRESENT
V				2	MOTHER ONLY PRESENT
V				3	FATHER ONLY PRESENT
V				4	NEITHER PARENT PRESENT
RAGE1	2	304	A		AGE RECODE 1
V				00	NIU
V				01	15 YEARS
V				02	16 AND 17 YEARS
V				03	18 AND 19 YEARS
V				04	20 AND 21 YEARS
V				05	22 TO 24 YEARS
V				06	25 TO 29 YEARS
V				07	30 TO 34 YEARS
V				08	35 TO 39 YEARS
V				09	40 TO 44 YEARS
V				10	45 TO 49 YEARS
V				11	50 TO 54 YEARS
V				12	55 TO 59 YEARS
V				13	60 TO 61 YEARS
V				14	62 TO 64 YEARS
V				15	65 TO 69 YEARS
V				16	70 TO 74 YEARS
V				17	75 YEARS AND OVER
RAGE4	1	306	A		AGE RECODE
V				1	UNDER 18 YEARS
V				2	18 TO 64 YEARS
V				3	65 YEARS AND OVER
RWEXP	2	307	A		WEEKS WORKED RECODE
*					NOTE: FULL TIME INDICATES USUALLY
*					WORKED 35 HOURS OR MORE PER
*					WEEK; PART TIME INDICATES
*					WORKED LESS THAN 35 HOURS
*					PER WEEK.
V				00	NIU
V				01	50 TO 52 WEEKS -WORKED FULL TIME
V				02	48 TO 49 WEEKS -WORKED FULL TIME
V				03	40 TO 47 WEEKS -WORKED FULL TIME
V				04	27 TO 39 WEEKS -WORKED FULL TIME
V				05	14 TO 26 WEEKS -WORKED FULL TIME
V				06	13 WEEKS OR LESS-WORKED FULL TIME
V				07	50 TO 52 WEEKS -WORKED PART TIME
V				08	48 TO 49 WEEKS -WORKED PART TIME

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
V				09	40 TO 47 WEEKS -WORKED PART TIME
V				10	27 TO 39 WEEKS -WORKED PART TIME
V				11	14 TO 26 WEEKS -WORKED PART TIME
V				12	13 WEEKS OR LESS-WORKED PART TIME
V				13	NONWORKER
RWEWKRS	1	309	A		PART-FULL TIME RECODE
*					NOTE: FULL YEAR WORKER INDICATES
*					WORKED 50 WEEKS OR MORE;
*					PART YEAR WORKER INDICATES
*					WORKED LESS THAN 50 WEEKS.
V				0	NIU
V				1	FULL TIME (FULL YEAR WORKER)
V				2	PART TIME (FULL YEAR WORKER)
V				3	FULL TIME (PART YEAR WORKER)
V				4	PART TIME (PART YEAR WORKER)
V				5	NONWORKER
RWELKNW	1	310	A		WORK RECODE 1
*					WORK EXPERIENCE WEEKS LOOKING -
*					NON-WORKERS
V				0	NIU
V				1	NONE (NOT LOOKING FOR WORK)
V				2	1 TO 4 WEEKS LOOKING
V				3	5 TO 14 WEEKS LOOKING
V				4	15 TO 26 WEEKS LOOKING
V				5	27 TO 39 WEEKS LOOKING
V				6	40 OR MORE WEEKS LOOKING
V				7	WORKERS
RWEUEMP	1	311	A		WORK RECODE 2
*					PART YEAR WORKER WEEKS LOOKING
V				0	NIU
V				1	NONE
V				2	1 TO 4 WEEKS
V				3	5 TO 10 WEEKS
V				4	11 TO 14 WEEKS
V				5	15 TO 26 WEEKS
V				6	27 TO 39 WEEKS
V				7	40 OR MORE WEEKS
V				8	FULL YEAR WORKER
V				9	NONWORKER
RPYRSN	1	312	A		WORK RECODE 3
*					PART YEAR REASONS FOR NOT WORKING
V				0	NIU
V				1	UNEMPLOYED
V				2	ILL OR DISABLED
V				3	KEEPING HOUSE
V				4	GOING TO SCHOOL
V				5	ARMED FORCES
V				6	RETIRED
V				7	OTHER
V				8	FULL YEAR WORKER
V				9	NEVER WORKED
REARNER	1	313	A		EARNER RECODE
*					NOTE: EARNER RECEIVED WAGE AND
*					SALARY OR SELF-EMPLOYMENT
*					INCOME.
V				0	NIU
V				1	EARNER
V				2	NONEARNER
RCLWK	1	314	A		CLASS OF WORKER RECODE 1
V				0	NIU
V				1	PRIVATE
V				2	GOVERNMENT
V				3	SELF-EMPLOYED
V				4	WITHOUT PAY
V				5	NEVER WORKED
FILL17	1	315	A		FILLER

## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
RWEMIND	2	316	A		MAJOR INDUSTRY RECODE 3 (LONGEST JOB)
*					SEE APPENDIX A3
*				00	NIU
v				01	AGRICULTURE, FORESTRY, AND FISHERIES
v				02	MINING
v				03	CONSTRUCTION
v				04	DURABLE GOODS
v				05	NONDURABLE GOODS
v				06	TRANSPORT, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
*				07	WHOLESALE TRADE
v				08	RETAIL TRADE
v				09	FINANCE, INSURANCE, AND REAL ESTATE
v				10	BUSINESS AND REPAIR SERVICES
v				11	PERSONAL SERVICES, INCLUDING PRIVATE HOUSEHOLDS
*				12	ENTERTAINMENT AND RECREATION SERVICE
v				13	PROFESSIONAL AND RELATED SERVICES
v				14	PUBLIC ADMINISTRATION
v				15	DID NOT WORK OR IN ARMED FORCES PREVIOUS YEAR
*					
RPOCCU2	2	318	A		DETAILED OCCUPATION RECODE 3 (LONGEST JOB)
*				00	NIU
v				01	ADMINISTRATORS, AND PUBLIC ADMINISTRATION OFFICIALS
*				02	MANAGERS AND ADMINISTRATORS, EXCEPT PUBLIC ADMINISTRATION
v				03	SALARIED
v				04	SELF-EMPLOYED
v				05	MANAGEMENT RELATED OCCUPATIONS
v				06	ACCOUNTANTS AND AUDITORS
v				07	ENGINEERS, ARCHITECTS, AND SURVEYORS
v				08	ENGINEERS
v				09	NATURAL SCIENTISTS AND MATHEMATICIANS
v				10	COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS
v				11	HEALTH DIAGNOSING OCCUPATIONS
v				12	PHYSICIANS AND DENTISTS
v				13	HEALTH ASSESSMENT AND TREATING OCCUPATIONS
*				14	TEACHERS, LIBRARIANS, AND COUNSELORS
v				15	TEACHERS, EXCEPT POSTSECONDARY
v				16	OTHER PROFESSIONAL SPECIALTY OCCUPATIONS
v				17	HEALTH TECHNOLOGISTS AND TECHNICIANS
v				18	ENGINEERING AND SCIENCE TECHNICIANS
v				19	TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE
*				20	SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS
v				21	SALES REPRESENTATIVES, COMMODITIES AND FINANCE
*				22	OTHER SALES OCCUPATIONS
v				23	COMPUTER EQUIPMENT OPERATORS
v				24	SECRETARIES', STENOGRAPHERS, AND TYPISTS
*				25	FINANCIAL RECORDS PROFESSING OCCUPATIONS
v				26	OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL
*				27	PRIVATE HOUSEHOLD SERVICE OCCUPATIONS
v				28	PROTECTIVE SERVICE OCCUPATIONS
v				29	FOOD SERVICE OCCUPATIONS
v				30	HEALTH SERVICE OCCUPATIONS
v				31	CLEANING AND BUILDING SERVICE OCCUPATIONS
*				32	PERSONAL SERVICE OCCUPATIONS
v				33	FARM OPERATORS AND MANAGERS
v				34	FARM OCCUPATIONS, EXCEPT MANAGERIAL
v				35	RELATED AGRICULTURAL OCCUPATIONS
v				36	FORESTRY AND FISHING OCCUPATIONS
v				37	MECHANICS AND REPAIRERS
v				38	CONSTRUCTION TRADES AND EXTRACTIVE

## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
*					OCCUPATIONS
V				39	CARPENTERS
V				40	SUPERVISORS, PRODUCTION OCCUPATIONS
V				41	PRECISION METAL WORKING OCCUPATIONS
V				42	OTHER PRECISION PRODUCTION OCCUPATIONS
V				43	MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION
*				44	FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS
V				45	PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS
*				46	TRANSPORTATION OCCUPATIONS
V				47	MATERIAL MOVING EQUIPMENT OPERATORS
V				48	CONSTRUCTION LABORERS
V				49	FREIGHT, STOCK, AND MATERIAL HANDLERS
V				50	OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS AND HELPERS
*				51	LABORERS, EXCEPT CONSTRUCTION
V				52	ARMED FORCES, CURRENTLY CIVILIAN
V				53	DID NOT WORK IN PREVIOUS YEAR
RWEMOCG	2	320	A		MAJOR OCCUPATION RECODE 4 (LONGEST JOB)
*					SEE APPENDIX B3
V				00	NIU
V				01	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS
*				02	PROFESSIONAL SPECIALTY OCCUPATIONS
V				03	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS
*				04	SALES OCCUPATIONS
V				05	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL
*				06	PRIVATE HOUSEHOLD SERVICE OCCUPATIONS
V				07	PROTECTIVE SERVICE OCCUPATIONS
V				08	SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD AND PROTECTIVE
*				09	FARMING, FORESTRY, AND FISHING OCCUPATIONS
V				10	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
*				11	MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS
V				12	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS
*				13	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS
V				14	ARMED FORCES, CURRENTLY CIVILIAN
V				15	DID NOT WORK IN PREVIOUS YEAR
RWEIND	2	322	A		DETAILED INDUSTRY RECODE 4 (LONGEST JOB)
*				00	NIU
V				01	AGRICULTURE
V				02	MINING
V				03	CONSTRUCTION
V				04	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE
*				05	FURNITURE AND FIXTURES
V				06	STONE, CLAY, GLASS, AND CONCRETE PRODUCTS
*				07	PRIMARY METALS
V				08	FABRICATED METALS
V				09	NOT SPECIFIED METAL INDUSTRIES
V				10	MACHINERY, EXC. ELECT.
V				11	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES
*				12	MOTOR VEHICLES AND EQUIPMENT
V				13	AIRCRAFT AND PARTS
V				14	OTHER TRANSPORTATION EQUIPMENT
V				15	PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES
*				16	TOYS, AMUSEMENTS, AND SPORTING GOODS
V				17	MISCELLANEOUS AND NOT SPECIFIED

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
*					MANUFACTURING INDUSTRIES
v				18	FOOD AND KINDRED PRODUCTS
v				19	TOBACCO MANUFACTURES
v				20	TEXTILE MILL PRODUCTS
v				21	APPAREL AND OTHER FINISHED TEXTILE PRODUCTS
*					
v				22	PAPER AND ALLIED PRODUCTS
v				23	PRINTING, PUBLISHING AND ALLIED INDUSTRIES
*					
v				24	CHEMICALS AND ALLIED PRODUCTS
v				25	PETROLEUM AND COAL PRODUCTS
v				26	RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS
*					
v				27	LEATHER AND LEATHER PRODUCTS
v				28	TRANSPORTATION
v				29	COMMUNICATIONS
v				30	UTILITIES AND SANITARY SERVICES
v				31	WHOLESALE TRADE
v				32	RETAIL TRADE
v				33	BANKING AND OTHER FINANCE
v				34	INSURANCE AND REAL ESTATE
v				35	PRIVATE HOUSEHOLD SERVICES
v				36	BUSINESS SERVICES
v				37	REPAIR SERVICES
v				38	PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD
*					
v				39	ENTERTAINMENT AND RECREATION SERVICES
v				40	HOSPITALS
v				41	HEALTH SERVICES, EXCEPT HOSPITALS
v				42	EDUCATIONAL SERVICES
v				43	SOCIAL SERVICES
v				44	OTHER PROFESSIONAL SERVICES
v				45	FORESTRY AND FISHERIES
v				46	PUBLIC ADMINISTRATION
v				47	DID NOT WORK OR IN ARMED FORCES IN PREVIOUS YEAR
*					
RPINCOM	2	324	A		PERSON'S INCOME RECODE
v				00	NIU
v				01	NONE
v				02	LOSS
v				03	\$1 TO \$999
v				04	\$1,000 TO \$1,999
v				05	\$2,000 TO \$2,499
v				06	\$2,500 TO \$2,999
v				07	\$3,000 TO \$3,499
v				08	\$3,500 TO \$3,999
v				09	\$4,000 TO \$4,999
v				10	\$5,000 TO \$5,999
v				11	\$6,000 TO \$6,999
v				12	\$7,000 TO \$7,499
v				13	\$7,500 TO \$7,999
v				14	\$8,000 TO \$8,499
v				15	\$8,500 TO \$8,999
v				16	\$9,000 TO \$9,999
v				17	\$10,000 TO \$12,499
v				18	\$12,500 TO \$14,999
v				19	\$15,000 TO \$17,499
v				20	\$17,500 TO \$19,999
v				21	\$20,000 TO \$24,999
v				22	\$25,000 TO \$29,999
v				23	\$30,000 TO \$34,999
v				24	\$35,000 TO \$39,999
v				25	\$40,000 TO \$49,999
v				26	\$50,000 TO \$59,999
v				27	\$60,000 TO \$74,999
v				28	\$75,000 AND OVER

PERSON RECORD

DATA NAME	SIZE	BEGIN TYPE	DATA CATEGORY VALUE	DESCRIPTION
RPSINC1	2	326 A		SOURCE OF INCOME RECODE
V			00	NIU
V			01	WAGE OR SALARY ONLY
V			02	NONFARM ONLY
V			03	FARM ONLY
V			04	NONFARM AND FARM
V			05	WAGE OR SALARY AND NONFARM SELF-EMPLOYMENT INCOME ONLY
*			06	WAGE OR SALARY AND FARM SELF-EMPLOYMENT INCOME ONLY
V			07	WAGE OR SALARY, NONFARM AND FARM ONLY
V			08	WAGE OR SALARY AND PROPERTY INC ONLY
V			09	WAGE OR SALARY AND OTHER INCOME
V			10	NONFARM INC , PROPERTY INC ONLY
V			11	NONFARM SE INCOME AND OTHER INCOME
V			12	FARM INC, PROPERTY INC ONLY
V			13	FARM SE INCOME AND OTHER INCOME
V			14	WAGE/SALARY, NONFARM, PROPERTY INCOME
V			15	WAGE/SALARY, NONFARM, OTHER INCOME
V			16	WAGE/SALARY, FARM, PROPERTY INCOME
V			17	WAGE/SALARY, FARM SE AND OTHER INCOME
V			18	OTHER COMBINATIONS
V			19	SOCIAL SECURITY
V			20	PUBLIC ASSISTANCE INCOME ONLY
V			21	PENSION INCOME ONLY
V			22	PENSION AND PROPERTY INCOME ONLY
V			23	SOCIAL SECURITY AND PUBLIC ASSISTANCE
V			24	SOCIAL SECURITY AND PROPERTY INCOME
V			25	SOCIAL SECURITY AND PENSION INCOME ON
V			26	SOCIAL SECURITY, PENSIONS, : PROPERTY
V			27	ALL OTHER COMBINATIONS
V			28	NO INCOME
RGENMOB	1	328 A		MIGRATION - RESIDENCE 1987 TO 1988 1/
V			1	NONMOVER
V			2	DIFFERENT HOUSE SAME COUNTY
V			3	DIFFERENT COUNTY, SAME STATE, SAME SMSA
V			4	DIFFERENT COUNTY, SAME STATE, DIFFERENT SMSA
*			5	DIFF COUNTY, DIF STATE, CONTIGUOUS
V			6	DIFF COUNTY, DIF STATE, NONCONTIGUOUS
V			7	MOVERS FROM ABROAD
V			8	NOT IN MIGRATION SAMPLE
V			9	MOVED WITHIN SAME STATE, DIFF. CNTY.
RMIGREG	1	329 A		REGION OF RESIDENCE IN 1987 - MIGRATION
V			1	NORTHEAST
V			2	NORTH CENTRAL
V			3	SOUTH
V			4	WEST
V			5	ABROAD
V			6	NOT IN MIGRATION SAMPLE
RUACPLDS	1	330 A		SMSA RESIDENCE IN 1987 RECODE 1/
V			0	NIU, NONMOVER
V			1	CENTRAL CITY
V			2	SMSA BALANCE
V			3	NON SMSA
V			4	NOT IDENTIFIABLE
PPRECTYP	1	331 A		PERSON RECORD TYPE
V			3	PERSON RECORD
LINENO	2	332 A		LINE NUMBER
PARENT	1	334 A		PARENT PRESENT
V			0	YES, PARENT
V			1	NO PARENT
SPOUSE	1	335 A		SPOUSE PRESENT
V			0	YES, SPOUSE
V			1	NO SPOUSE
FILL18	1	336 A		FILLER

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
MIGSTATE	2	337	A		STATE RESIDENCE IN 1987 CODE
V				11	MAINE
V				12	NEW HAMPSHIRE
V				13	VERMONT
V				14	MASSACHUSETTS
V				15	RHODE ISLAND
V				16	CONNECTICUT
V				21	NEW YORK
V				22	NEW JERSEY
V				23	PENNSYLVANIA
V				31	OHIO
V				32	INDIANA
V				33	ILLINOIS
V				34	MICHIGAN
V				35	WISCONSIN
V				41	MINNESOTA
V				42	IOWA
V				43	MISSOURI
V				44	NORTH DAKOTA
V				45	SOUTH DAKOTA
V				46	NEBRASKA
V				47	KANSAS
V				51	DELAWARE
V				52	MARYLAND
V				53	DISTRICT OF COLUMBIA
V				54	VIRGINIA
V				55	WEST VIRGINIA
V				56	NORTH CAROLINA
V				57	SOUTH CAROLINA
V				58	GEORGIA
V				59	FLORIDA
V				61	KENTUCKY
V				62	TENNESSEE
V				63	ALABAMA
V				64	MISSISSIPPI
V				71	ARKANSAS
V				72	LOUISIANA
V				73	OKLAHOMA
V				74	TEXAS
V				81	MONTANA
V				82	IDAHO
V				83	WYOMING
V				84	COLORADO
V				85	NEW MEXICO
V				86	ARIZONA
V				87	UTAH
V				88	NEVADA
V				91	WASHINGTON
V				92	OREGON
V				93	CALIFORNIA
V				94	ALASKA
V				95	HAWAII
V				98	OVERSEAS
MIGSAME	1	339	A		LIVING IN SAME HOUSE MARCH 1987
V				0	NIU
V				1	YES
V				2	NO
UACPLREC	1	340	A		SMSA RESIDENCE MARCH 1987 1/
V				0	NIU, NONMOVER
V				1	SMSA
V				2	NON SMSA
V				3	NOT IDENTIFIABLE
MTR1REC	2	341	A		RESIDENCE 1987 TO RESIDENCE 1988 1/
V				01	NONMOVER
V				02	SMSA TO SMSA
V				03	SMSA TO NON SMSA
V				04	NON SMSA TO SMSA
V				05	NON SMSA TO NON SMSA
V				06	ABROAD TO SMSA
V				07	ABROAD TO NON SMSA
V				08	NIU (CHILDREN < 1 YR OLD)
V				09	NOT IDENTIFIABLE



PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
HAVEMDCR	1	343	A		COVERED BY MEDICARE
V				0	NIU
V				1	YES
V				2	NO
HAVEMDCD	1	344	A		COVERED BY MEDICAID
V				0	NIU
V				1	YES
V				2	NO
HAVECPYN	1	345	A		COVERED BY CHAMPUS OR MILITARY HEALTH CARE
V				0	NIU
V				1	YES
V				2	NO
HAVEHIYN	1	346	A		OTHER HEALTH INSURANCE
V				0	NIU
V				1	YES
V				2	NO
HIOWN	1	347	A		WAS HEALTH INSURANCE COVERAGE FROM A PLAN IN OWN NAME
V				0	NIU
V				1	YES
V				2	NO
INCLINGH	1	348	A		INCLUDED IN EMPLOYER GROUP HEALTH PLAN
V				0	NIU
V				1	YES
V				2	NO
PAIDGH	1	349	A		EMPLOYER HELPED PAY FOR GROUP HEALTH PLAN
V				0	NIU
V				1	EMPLOYER PAID FOR ALL OF GROUP HEALTH PLAN
V				2	EMPLOYER PAID FOR PART OF GROUP HEALTH PLAN
V				3	EMPLOYER DID NOT PAY FOR GROUP HEALTH PLAN
WHOELSHI	1	350	A		OTHER PERSONS COVERED BY HEALTH INSURANCE
V				0	NIU
V				1	SPOUSE ALSO COVERED
V				2	CHILD(REN) ALSO COVERED
V				3	SPOUSE AND CHILD(REN) ALSO COVERED
V				4	NO ONE ELSE COVERED
V				5	OTHER COMBINATION ALSO COVERED
PENSPLAN	1	351	A		EXISTENCE OF PENSION PLAN BY EMPLOYER
V				0	NIU
V				1	EMPLOYER HAS PENSION PLAN
V				2	EMPLOYER DID NOT HAVE PENSION PLAN
INCLINPP	1	352	A		INCLUDED IN PENSION PLAN AT WORK
V				0	NIU
V				1	YES
V				2	NO
COVMEDCR	1	353	A		COVERED BY MEDICARE (EDITED)
V					NOTE: INCLUDES PERSONS WHO ARE NOT ENROLLED IN MEDICARE, BUT ARE COVERED BY ANOTHER HOUSEHOLD MEMBER'S POLICY.
V				1	YES
V				2	NO
COVMEDCD	1	354	A		COVERED BY MEDICAID (EDITED)
V					NOTE: INCLUDES PERSONS WHO ARE NOT ENROLLED IN MEDICAID, BUT ARE COVERED BY ANOTHER HOUSEHOLD MEMBER'S POLICY.
V				1	YES
V				2	NO

## PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	VALUE	DESCRIPTION
COVERCP	1	355	A		COVERED BY CHAMPUS OR MILITARY HEALTH CARE (EDITED)
*					NOTE: INCLUDES PERSONS WHO ARE NOT ENROLLED IN CHAMPUS OR MILITARY HEALTH CARE, BUT ARE COVERED BY ANOTHER HOUSEHOLD MEMBER'S POLICY.
*					
*					
*					
*					
V				1	YES
V				2	NO
COVERHI	1	356	A		COVERED BY OTHER HEALTH INSURANCE (EDITED)
*					NOTE: INCLUDES PERSONS WHO ARE NOT ENROLLED IN OTHER HEALTH INSURANCE, BUT ARE COVERED BY ANOTHER HOUSEHOLD MEMBER'S POLICY.
*					
*					
*					
*					
V				1	YES
V				2	NO
COVERGH	1	357	A		COVERED BY GROUP HEALTH (EDITED)
*					NOTE: INCLUDES PERSONS WHO ARE NOT ENROLLED IN GROUP HEALTH, BUT ARE COVERED BY ANOTHER HOUSEHOLD MEMBER'S POLICY.
*					
*					
V				1	YES
V				2	NO
FILL19	3	358	A		FILLER
ELIGIBIL	1	361	A		ROTATION GROUPS ELIGIBILITY
*					ITEMS HRSWORK THRU BAEARNWK WERE ASKED IN TWO ROTATION GROUPS, 1 AND 5
*					
V				0	NOT ELIGIBLE
V				1	ELIGIBLE (ROTATION GROUP 1 OR 5)
HRSWORK	2	362	N		USUAL HOURS WORKED PER WEEK
*					NOT CODED
*					1-99 USUAL HOURS WORKED PER WEEK
PAIDHOUR	1	364	A		PAID HOURLY
V				0	NIU
V				1	YES
V				2	NO
EARNHOUR	4	365	N		HOURLY EARNINGS (TWO IMPLIED DECIMALS)
*					NOT CODED
*					0001-9999 HOURLY EARNINGS
EARNWEEK	3	369	N		EARN WEEKLY BEFORE DEDUCTIONS
*					NOT CODED
*					001-999 USUAL WEEKLY EARNINGS
BEARNWGT	11	372	A		EARNINGS WEIGHT (UNIVERSE SAME AS ELIGIBLE = 1 IN ELIGIBIL)
*					(TWO IMPLIED DECIMALS)
BAHRSWOK	1	383	A		ALLOCATION FLAGS
*					ITEMS BAHRSWOK THRU BAEARNWK ARE
*					ALLOCATION FLAGS FOR THE CORRESPONDING
*					ITEMS
V				0	NOT ALLOCATED
V				1	ALLOCATED
BAPAIHR	1	384	A		ALLOCATION FLAG
BAEARNHR	1	385	A		ALLOCATION FLAG
BAEARNWK	1	386	A		ALLOCATION FLAG
LUMEMBER	1	387	A		LABOR UNION MEMBER
V				0	Not coded (NC)
V				1	YES
V				2	NO
LABORUN	1	388	A		LABOR UNION COVERAGE
V				0	NOT CODED (NC)
V				1	YES
V				2	NO
FILL20	2	389	A		FILLER
EARNHRTC	1	391	A		HOURLY EARNING FLAG
*					INTERVIEWER CHECK ITEM
V				0	NIU
V				1	TOP CODED

PERSON RECORD

DATA NAME	SIZE	BEGIN	TYPE	DATA CATEGORY VALUE	DESCRIPTION
BINTCKAG	1	392	A		PERSON 14 YEARS OR OLDER
*					INTERVIEWED CHECK ITEM
V				0	NIU
V				1	16-24 YEARS OF AGE
V				2	ALL OTHERS
BATTEND	1	393	A		HIGH SCHOOL/COLLEGE ATTENDANCE
V				0	NIU
V				1	YES
V				2	NO
BHSCOLGE	1	394	A		ATTENDING HIGH SCHOOL OR COLLEGE
V				0	NIU
V				1	HIGH SCHOOL
V				2	COLLEGE OR UNIVERSITY
BSHLFTPT	1	395	A		ENROLLED IN SCHOOL FULL-TIME
*					OR PART-TIME
V				0	NIU
V				1	FULL-TIME
V				2	PART-TIME
FILL21	13	396	A		FILLER

## GLOSSARY

### Geographic Concepts

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

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

### NORTHEAST REGION

#### New England Division

Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont

#### Middle Atlantic Division

New Jersey  
New York  
Pennsylvania

### MIDWEST REGION

#### East North Central Division

Illinois  
Indiana  
Michigan  
Ohio  
Wisconsin

#### West North Central Division

Iowa  
Kansas  
Minnesota  
Missouri  
Nebraska  
North Dakota  
South Dakota

### WEST REGION

#### Mountain Division

Arizona  
Colorado  
Idaho  
Montana  
Nevada  
Utah  
Wyoming

#### Pacific Division

Alaska  
California  
Hawaii  
Oregon  
Washington

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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

## GLOSSARY

### Subject Concepts

**Age.** Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 15 years old and over for March supplement data and 14 years and over for CPS labor force data. Prior to 1980, the adult universe was 14 years old and over for March supplement data.

**Annuities.** (See Income.)

**Armed Forces.** Armed Forces members enumerated in off-base housing or on base with their families are included on the CPS data file in March. Only supplemental data on income are included for Armed Forces members.

**Base 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. On the March file, these broad classifications for current jobs 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. For the longest job held last year, this class of worker scheme includes private; government by level - Federal, State, and local; self-employed incorporated farm/nonfarm; and without pay. The wage and salary category for longest job held includes private, government (all levels), and self-employed, incorporated.

**Dividends.** (See Income.)

**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.

**Earners, Number of.** The file includes all persons 15 years old and over in the household with \$1 or more in wages and salaries, or \$1 or more of a loss in net income from farm or nonfarm self-employment during the preceding year.

**Earnings Weight.** Each person record allows for an earnings weight for current earnings.

**Education.** (See Years of School Completed.)

**Employed.** (See Labor Force.)

**Energy Assistance Program.** The Low-Income Energy Assistance Program provides financial assistance to qualified households to help them pay heating costs. The program is funded by the Federal government and administered by the States under broad guidelines. In some States a household may automatically be eligible for this program if the household receives (1) Aid to Families with Dependent Children, (2) Food Stamps, (3) Supplemental Security Income (SSI), and (4) certain Veterans' benefits.

The energy assistance questions were asked for the first time in 1982. Questions asked in the March 1988 survey included (1) recency since October 1, 1985, (2) total amount received during the reference period, (3) the principal type of heating fuel used by the household, and (4) if the household was without heat because of inability to pay the heating fuel bill.

**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 in March.

**Family.** A family is a group of two persons or more (one of whom is the householder) residing together and related by birth, marriage, or adoption. All such persons (including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

**Family Household.** A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or secondary individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives. (See the definition of Family).

**Family Weight.** The weight on the family record is the March supplement weight of the householder or reference person.

**Farm Self-Employment Net Income.** The term is defined as net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for household living is not included as part of net income. Inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes.

**Final Weight.** Used in tabulating monthly labor force items. This weight should not be used when tabulating March supplement data.

**Food Stamps.** The Food Stamp Act of 1977 was enacted for the purpose of increasing the food purchasing power of eligible households through the use of coupons to purchase food. The Food and Nutrition Service of the U.S. Department of Agriculture (USDA) administers the Food Stamp Program through State and local welfare offices. The Food Stamp Program is the major national income support program which provides benefits to all low-income and low-resource households regardless of household characteristics (e.g., sex, age, disability, etc.). The questions on participation in the Food Stamp Program in the March 1988 CPS were designed to identify households in which one or more of the current members received food stamps during 1987. Once a food stamp household was identified, a question was asked to determine the number of current household members covered by food stamps during 1987. Questions were also asked about the number of months food stamps were received during 1987 and the total face value of all food stamps received during that period.

**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.

**Group Health Insurance Coverage.** Civilian persons 15 years old and over who worked in 1987 and who participated in group health insurance plans provided by the employer or union were asked whether part or all of the health insurance premiums were paid for by the union or employer and the extent of persons covered.

Additional questions were asked to determine if sample persons were covered by any other type of health insurance plan. These items are intended to measure retirees covered by continuing employer provided coverage and persons who purchased coverage on their own.

**Group Quarters.** Group quarters are noninstitutional living arrangements for groups not living in conventional housing units or groups living in housing units containing nine or more persons unrelated to the person in charge.

**Head Versus Householder.** Beginning with the March 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 normally 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 related 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. The count of households excludes persons living in group quarters, such as rooming houses, military barracks, and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

**Household Weight.** Household weight is the March Supplement weight of the householder.

**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.

**Householder With No Other Relatives in Household.** A householder who has no relatives living in the household. This is the entry for a person living alone. Another example is the designated householder of an apartment shared by two or more unrelated individuals.

**Householder With Other Relatives (Including Spouse) in Household.** The person designated as householder if he/she has one or more relatives (including spouse) living in the household.

**Husband in Armed Forces.** When a woman is reported as married but her husband is not enumerated as a member of the same household, an additional question is asked to determine whether her husband is in the Armed Forces. This additional probe is unique to the March CPS only. Women who are reported as separated are not asked the additional question.



**Income.** For each person in the sample who is 15 years old and over, questions are asked on the amount of money income received in the preceding calendar year from each of the following sources: (1) money wages or salary; (2) net income from nonfarm self-employment; (3) net income from farm self-employment; (4) Social Security or railroad retirement; (5) Supplemental Security Income; (6) public assistance or welfare payments; (7) interest (on savings or bonds); (8) dividends, income from estates or trusts, or net rental income; (9) veterans' payment or unemployment and workmen's compensation; (10) private pensions or government employee pensions; (11) alimony or child support, regular contributions from persons not living in the household, and other periodic income.

Although income statistics refer to receipts during the preceding year, the characteristics of the person such as age, labor force status, etc., and the composition of households refer to the time of the survey. The income of the household does not include amounts received by persons who are members of the household during all or part of the income year if these persons no longer resided with the household at the time of enumeration. On the other hand, household income includes amounts reported by persons who did not reside with the household during the income year but who were members of the household at the time of enumeration.

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Also, money income does not reflect the fact that some households receive part of their income in the form of nonmoney transfers such as food stamps, health benefits, subsidized housing, and energy assistance; that many farm households receive nonmoney income in the form of rent free housing and goods produced and consumed on the farm; or that nonmoney income is received by some nonfarm residents that often takes the form of the use of business transportation and facilities, or full or partial contributions for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. Moreover, readers should be aware that for many different reasons there is a tendency in household surveys for respondents to under report their income. From an analysis of independently derived income estimates, it has been determined that wages and salaries tend to be much better reported than such income types as public assistance, Social Security, and net income from interest, dividends, rents, etc.

**Income Sources - Wages and Salary.** Money wages or salary is defined as total money earnings received for work performed as an employee during the income year. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned, before deductions are made for taxes, bonds, pensions, union dues, etc. Earnings for self-employed incorporated businesses are considered wage and salary.

**Income Sources - Nonfarm Self-Employment.** Net income from nonfarm self-employment is net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income since replies based on income tax returns or other official records do reflect inventory changes. However, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

**Income Sources - Farm Self-Employment.** Net income from farm self-employment is net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income. In general, inventory changes are considered in determining net income only

when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes; otherwise, inventory changes are not taken into account.

**Income Sources - Social Security.** Social Security includes Social Security pensions and survivors' benefits, and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included.

**Income Sources - Supplemental Security Income.** Supplemental Security Income includes payments made by Federal, State, and local welfare agencies to low income persons who are (1) aged (65 years old and over), (2) blind, or (3) disabled.

**Income Sources - Public Assistance.** Public assistance or welfare payments include public assistance payments such as Aid to Families with Dependent Children and general assistance.

**Income Sources - Interest and Dividends.** Interest, dividends, income from estates or trusts, net rental income or royalties include dividends from stockholdings or membership in associations, interest on savings or bonds, periodic receipts from estates or trust funds, net income from rental of a house, store, or other property to others, receipts from boarders or lodgers, and net royalties.

**Income Sources - Unemployment Compensation, Worker's Compensation, and Veterans' Payments.** Unemployment compensation, veterans' payments, or worker's compensation includes: (1) unemployment compensation received from government unemployment insurance agencies or private companies during periods of unemployment and any strike benefits received from union funds; (2) money paid periodically by the Veterans Administration to disabled members of the Armed Forces or to survivors of deceased veterans, subsistence allowances paid to veterans for education and on-the-job training, as well as so-called "refunds" paid to ex-servicemen as GI insurance premiums; and (3) worker's compensation received periodically from public or private insurance companies for injuries incurred at work. The cost of this insurance must have been paid by the employer and not by the person.

**Income Sources - Private and Government Pensions and Annuities.** Many employers and unions have established pension program their employees so that upon retirement the employee will receive regular income to replace his/her earnings. Many of these programs also provide income to the employees if he/she becomes severely disabled, or to his/her survivors if the employee dies. Other types of retirement income include annuities and paid up life insurance policies. Some people purchase annuities which yield a set amount over a certain number of years. Other people may convert their paid up life insurance policy into an annuity after they retire.

**Income Sources - Alimony and Child Support.** Alimony is money received periodically from a former spouse following a divorce or separation. Child support is money received from a former spouse for the support of their children following a divorce or legal separation. Money received from relatives or friends other than the former husband or wife is not considered as child support.

**Receipts Not Counted As Income.** Receipts from the following sources are not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person is engaged in the business of selling such property, in which case the net proceeds is counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances of insurance payments.

**Industry, Occupation, and Class of Worker (I&O) - Current Job (basic data).** 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 job lasting two or more weeks or by the job (either full-time or part-time). 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. The occupation/industry classification system for the 1980 Census of Population was used to code March CPS data beginning with the March 1983 file.

**Industry, Occupation, and Class of Worker-Longest Job (supplement data).** Longest job applies to the job held longest during the preceding year for persons who worked that year, without regard to their current employment status.

Subject	Character Position		Longest Job Last Year (Work Experience)
	Current or Most Recent Full-Time Job		
Industry	3 digit detailed	P 49-51	P 151-153
	2-digit detailed (Recode)	P 52-53	P 322-323
Occupation	Major Group Recode	N/A	P 316-317
	3-digit detailed	P 56-58	P 154-156
	2-digit detailed (Recode)	P 54-55	P 318-319
	Major Group recode	N/A	P 320-321
Class of Worker		P 59	P 314

**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 own housework. This is one of the "not in labor force" classifications--employment status recode (ESR) = 4.

**Labor Force.** Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. 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 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 character 12 of the person record which designates "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 character 12 of the person 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.
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 major activity: keeping house, going to school, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, retired persons. Persons who report doing unpaid work in a family farm or business for 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 character 12 of the person 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.

**March Supplement Weight.** The March supplement weight is on all person records and is used to produce "supplement" estimates; that is, income, work experience, migration, and family characteristic estimates.

**Marital Status.** The marital status classification identifies four major categories: single (never married), married, widowed, and 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, Armed Force spouse present," "married, spouse absent," "married, Armed Force spouse absent," and "separated." 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" included 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.

For the purpose of this file, the group "other marital status" includes "widowed and divorced," "separated," and "other married, spouse absent."

**Medicare.** The Medicare Program is designed to provide medical care for the aged and disabled. The Basic Hospital Insurance Plan (Part A) is designed to provide basic protection against hospital costs and related post-hospital services. This plan also covers many persons under 65 years old who receive Social Security or railroad retirement benefits based on long-term disability. Part A is financed jointly by employers and employees through Social Security payroll deductions. Qualified persons 65 years old and over who are not otherwise eligible for Part A benefits may pay premiums directly to obtain this coverage. The Medical Insurance Plan (Part B) is a voluntary plan which builds upon the hospital insurance protection provided by the basic plan. It provides insurance protection covering physicians' and surgeons' services and a variety of medical and other health services received either in hospitals or on an ambulatory basis. It is financed through monthly premium payments by each enrollee, and subsidized by Federal general revenue funds.

The Medicare question on the March 1988 CPS attempted to identify all persons 15 years old and over who were "covered" by Medicare at any time during 1987. The term "covered" means enrolled in the Medicare Program. In order to be counted, the person **did not** necessarily have to receive medical care paid for by Medicare.

**Medicaid.** The Medicaid Program is designed to provide medical assistance to needy families with dependent children, and to aged, blind, or permanently and totally disabled individuals whose incomes and resources are insufficient to meet the costs of necessary medical services. The program is administered by State agencies through grants from the Health Care Financing Administration of the Department of Health and Human Services. Funding for medical assistance payments consists of a combination of Federal, State, and in some cases, local funds.

Medicaid is a categorical program with complex eligibility rules which vary from State to State. There are two basic groups of eligible individuals: the categorically eligible and the medically needy. The major categorically eligible groups are all Aid to Families with Dependent Children (AFDC) recipients and most Supplemental Security Income (SSI) recipients. Other categorically eligible groups are (1) those who meet basic State cash assistance eligibility rules – aged, blind, disabled, needy single parents with children, and, in some States, needy unemployed parents with children, but who are not currently receiving money payments; and (2) needy persons who meet categorical eligibility standards but are institutionalized for medical reasons (e.g., low-income elderly persons in nursing homes). However, such institutionalized persons are not included in the CPS universe and, therefore, are not reflected in these statistics.

In roughly one-half of the States, coverage is extended to the medically needy – persons meeting categorical age, sex, or disability criteria, whose money incomes and assets exceed eligibility levels for cash assistance but are

not sufficient to meet the cost of medical care. In such States, qualifying income and asset levels are usually above those set for cash assistance. Families with large medical expenses relative to their incomes and assets may also meet medically needy eligibility standards in these States.

The Medicaid question on the March 1988 CPS attempted to identify all persons who were "covered" by Medicaid at any time during 1987. The term "covered" means enrolled in the Medicaid program, i.e., had a Medicaid medical assistance card, or incurred medical bills which were paid for by Medicaid. In order to be counted, the person **did not** have to receive medical care paid for by Medicaid.

After data collection and creation of an initial microdata file, further refinements were made to assign Medicaid coverage to children. In this procedure all children under 21 years old in families were assumed to be covered by Medicaid if either the householder or spouse reported being covered by Medicaid (this procedure was required mainly because the Medicaid coverage question was asked only for persons 15 years old and over). All adult AFDC recipients and their children, and SSI recipients living in States which legally require Medicaid coverage of all SSI recipients, were also assigned coverage.

**Mobility Status.** The population of the United States, 15 years old and over, is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the March 1988 CPS and the place of residence in March 1987.

The information on mobility status is obtained from the responses to a series of inquiries. The first of three inquiries is: "Was...living in this house 1 year ago...?" If the answer was "No," the enumerator asked, "Where did...live on March 1, 1987?" In classification, three main categories distinguish nonmovers, movers, and persons abroad.

Nonmovers are all persons who are living in the same house at the end of the period as at the beginning of the period. Movers are all persons who are living in a different house at the end of the period than at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence is outside the United States at the beginning of the period, that is, in an outlying area under the jurisdiction of the United States or in a foreign country.

**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.

**Nonfamily Householder.** A nonfamily householder (formerly called a primary individual) is a person maintaining a household while living alone or with nonrelatives only.

**Nonfarm Self-employment Net Income.** The term is defined as net money income (gross receipts minus expenses) from an individual's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income; replies based on income tax returns or other official records do reflect inventory changes; however, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

**Nonworker.** A person who does not do any work in the calendar year preceding the survey.

**Nonrelative of Householder With No Own Relatives in Household.** A nonrelative of the householder who has no relative(s) of his 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 own living with him in the household.

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

**Other Relative of Householder.** Any relative of the householder other than his spouse or child; for example, father, mother, grandson, daughter-in-law, etc.

**Own Child.** A child related by birth, marriage, or adoption to the family householder.

**Part-Time, Economic Reasons.** The item 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 Reasons.** The item 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. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

**Part-Year Work.** Part-year work is classified as less than 50 weeks' work.

**Pension Plan.** The pension plan question on the March 1988 CPS attempted to identify if pension plan coverage was available through an employer or union and if the employee was included. This information was collected for civilian persons 15 years old and over who worked during 1987.

**Population Coverage.** Population coverage includes the civilian population of the United States plus approximately 820,000 members of the Armed Forces in the United States living off post or with their families on post but excludes all other members of the Armed Forces. This file excludes inmates of institutions. The labor force and work experience data are not collected for Armed Forces members.

**Poverty.** In this file, families and unrelated individuals are classified as being above or below the poverty level using a poverty index adopted by a Federal Interagency Committee in 1969 and slightly modified in 1981.

The modified index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account family size, number of children, and age of the family householder or unrelated individual; prior to 1981, adjustments were also made on the basis of farm-nonfarm residence and sex of the householder. The impact of these revisions on the poverty estimates is minimal at the national level. The poverty cutoffs are updated every year to reflect changes in the Consumer Price Index. The average poverty threshold for a family of four was \$10,989 in 1985. For a detailed explanation of the poverty definition, see *Current Population Reports, Series P-60, No. 154 Money Income and Poverty Status of Persons in the United States: 1985*.

**Public Assistance.** (See Income.)

**Public or Other Subsidized Housing.** Participation in public housing is determined by two factors: program eligibility and the availability of housing. Income standards for initial and continuing occupancy vary by local housing authority, although the limits are constrained by Federal guidelines. Rental charges, which, in turn, define net benefits, are set by a Federal statute not to exceed 30 percent of net monthly money income. A recipient unit can either be a family of two or more related persons or an individual who is handicapped, elderly, or displaced by urban renewal or natural disaster.

There are some programs through which housing assistance is provided to low-income families and individuals living in public or privately owned dwellings. Two of the more common types of programs in which Federal,

State, and local funds are used to subsidize private sector housing are rent supplement and interest reduction plans. Under a rent supplement plan the difference between the "fair market" rent and the rent charged to the tenant is paid to the owner by a government agency. Under an interest reduction program the amount of interest paid on the mortgage by the owner is reduced so that subsequent savings can be passed along to low income tenants in the form of lower rent charges.

There were two questions dealing with public and low cost housing on the March 1988 CPS supplement questionnaire. The first question identifies residence in a housing unit owned by a public agency. The second question identifies beneficiaries who were not living in public housing projects, but who were paying lower rent due to a government subsidy. These questions differ from other questions covering noncash benefits in that they establish current reciprocity status in March 1988 rather than reciprocity status during 1987.

**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 total population.

**Receipts Not Counted as Income.** Receipts from the following sources are not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person was engaged in the business of selling such property, in which case the net proceeds would be counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances or insurance payments.

**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.

**Related Children.** Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption. For each type of family unit identified in the CPS, the count of own children under 18 years old is limited to single (never married) children; however, "own children under 25" and "own children of any age," include all children regardless of marital status. The totals include never-married children living away from home in college dormitories.

**Related Subfamily.** A related subfamily is a married couple with or without children, or one parent with one or more own single (never married) children under 18 years old, living in a household and related to, but not including, the householder or spouse. The most common example of a related subfamily is a young married couple sharing the home of the husband's or wife's parents. The number of related subfamilies is not included in the number of families.

**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.

**School Lunches.** The National School Lunch Program is designed to assist States in providing a school lunch for all children at moderate cost. The National School Lunch Act of 1946 was further amended in 1970 to provide free and reduced-price school lunches for children of needy families. The program is administered by the Food and Nutrition Service of the U.S. Department of Agriculture (USDA) through State educational agencies or through regional USDA nutrition services for nonprofit private schools. The program is funded by a combination of Federal funds and matching State funds.

All students eating lunches prepared at participating schools pay less than the total cost of the lunches. Some students pay the "full established" price for lunch (which itself is subsidized) while others pay a "reduced" price for lunch, and still others receive a "free" lunch. Program regulations require students receiving free lunches to live in households with incomes below 125 percent of the official poverty level. Those students receiving a reduced-price school lunch (10 to 20 cents per meal) live in households with incomes between 125 percent and 195 percent of the official poverty level. The data in this file, however, do not distinguish between reciprocity of free and reduced-price school lunches.



The questions on the March 1988 CPS provide a very limited amount of data for the school lunch program. Questions concerning the school lunch program were designed to identify the number of members 5 to 18 years old in households who "usually" ate a hot lunch. This defined the universe of household members usually receiving this noncash benefit. This was followed by a question to identify the number of members receiving free or reduced price lunches.

**Secondary Individual.** A secondary individual is a person in a household or group quarters such as a guest, roomer, boarder, or resident employee (excluding nonfamily households and inmates of institutions) who is not related to any other person in the household or group quarters.

**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 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, Mexicano, Puerto Rican, Cuban, Central or South American, or other Spanish.

**Stretches of Unemployment.** A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. 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 period of seeking work.

**Total Money Income.** The term is defined as the arithmetic sum of money wages and salaries, net income from self-employment, and income other than earnings. The total income of a household is the arithmetic sum of the amounts received by all income recipients in the household.

**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.)

**Unemployment Compensation.** (See Income.)

**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.

**Unrelated Individuals.** Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

**Unrelated Subfamily.** An unrelated subfamily is a family that does not include among its members the householder and relatives of the householder. Members of unrelated subfamilies may include persons such as guests, roomers, boarders, or resident employees and their relatives living in a household. The number of unrelated subfamily members is included in the number of household members but is not included in the count of family members.

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies became so small (37,000 in 1967) that beginning with the data for 1968

(and beginning with the census data for 1960) the Bureau of the Census includes persons in these unrelated subfamilies in the count of secondary individuals.

**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:

0	Females, children under 15
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. Also included are persons who are self-employed in an incorporated business. (See income.)

**Weeks Worked in the Income Year.** Persons are classified according to the number of different weeks, during the preceding calendar year, in which they did any civilian work for pay or profit (including paid vacations and sick leave) or worked without pay on a family-operated farm or business.

**Workers.** (See Labor Force--Employed.)

**Work Experience.** Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

**Year-Round Full-Time Worker.** A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

**Years of School Completed.** Data on years of school completed are 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.



## APPENDIX A1

### Industry Classification Codes

(Numbers in parentheses are the 1972 SIC code equivalent; see Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement. "Pt" means part; "n.e.c." means not elsewhere classified.)

<u>Code</u>	<u>Occupations</u>
0-9	not used
10-31	<b>AGRICULTURE, FORESTRY, AND FISHERIES</b>
10	Agricultural production, crops (01)
11	Agricultural production, livestock (02)
12-19	not used
20	Agricultural services, except horticultural (07, except 078)
21	Horticultural services (078)
22-29	not used
30	Forestry (08)
31	Fishing, hunting, and trapping (09)
32-39	not used
40-50	<b>MINING</b>
40	Metal mining (10)
41	Coal mining (11,12)
42	Crude petroleum and natural gas extraction (13)
43-49	not used
50	Nonmetallic mining and quarrying, except fuel (14)
51-59	not used
60	<b>CONSTRUCTION (15, 16, 17)</b>
61-99	not used
100-392	<b>MANUFACTURING</b>
100-222	<b>Nondurable Goods</b>
100-122	Food and kindred products
100	Meat products (201)
101	Dairy products (202)
102	Canned and preserved fruits and vegetables (203)
103-109	not used
110	Grain mill products (204)
111	Bakery products (205)
112	Sugar and confectionery products (206)
113-119	not used
120	Beverage industries (208)
121	Miscellaneous food preparations and kindred products (207, 209)
122	Not specified food industries
123-129	not used
130	Tobacco manufactures (21)
131	not used
132-150	Textile mill products
132	Knitting mills (225)
133-139	not used
140	Dyeing and finishing textiles, except wool and knit goods (226)

<b><u>Code</u></b>	<b><u>Occupations</u></b>
141	Floor coverings, except hard surface (227)
142	Yarn, thread, and fabric mills (228, 221-224)
143-149	not used
150	Miscellaneous textile mill products (229)
151-152	Apparel and other finished textile products
151	Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
153-159	not used
160-162	Paper and allied products
160	Pulp, paper, and paperboard mills (261-263, 266)
161	Miscellaneous paper and pulp products (264)
162	Paperboard containers and boxes (265)
163-170	not used
171-172	Printing, publishing, and allied industries
171	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
173-179	not used
180-192	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
183-189	not used
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
193-199	not used
200-201	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
202-209	not used
210-212	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-304, 306)
212	Miscellaneous plastics products (307)
213-219	not used
220-222	Leather and leather products
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)
223-229	not used
230-391	Durable Goods
230-241	Lumber and wood products, except furniture
230	Logging (241)
231	Sawmills, planing mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
233-240	not used
241	Miscellaneous wood products (244, 249)
242	Furniture and fixtures (25)
243-249	not used
250-262	Stone, clay, glass, and concrete products
250	Glass and glass products (321-323)
251	Cement, concrete, gypsum, and plaster products (324, 327)
252	Structural clay products (325)
253-260	not used

<u>Code</u>	<u>Occupations</u>
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329)
263-269	not used
270-301	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3361)
273-279	not used
280	Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281	Cutlery, handtools, and other hardware, (342)
282	Fabricated structural metal products (344)
283-289	not used
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
293-299	not used
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
302-309	not used
310-332	Machinery, except electrical
310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
313-319	not used
320	Metalworking machinery (354)
321	Office and accounting machines (357, except 3573)
322	Electronic computing equipment (3573)
323-330	not used
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
333-339	not used
340-350	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341	Radio, T.V. and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
343-349	not used
350	Not specified electrical machinery, equipment, and supplies
351-370	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
353-359	not used
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
363-369	not used
370	Cycles and miscellaneous transportation equipment (375, 379)
371-382	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
373-379	not used
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment

<u>Code</u>	<u>Occupations</u>
383-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries <sup>1</sup>
393-399	not used
400-472	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	Transportation
400	Railroads (40)
401	Bus service and urban transit (41 except 412)
402	Taxicab service (412)
403-409	not used
410	Trucking service (421, 423)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
413-419	not used
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
423-431	not used
432	Services incidental to transportation (47)
433-439	not used
440-442	Communications
440	Radio and television broadcasting (483)
441	Telephone (wire and radio) (481)
442	Telegraph and miscellaneous communication services (482, 489)
443-459	not used
460-472	Utilities and sanitary services
460	Electric light and power (491)
461	Gas and steam supply systems (492, 496)
462	Electric and gas, and other combinations (493)
463-469	not used
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities
473-479	not used
500-571	WHOLESALE TRADE
500-532	Durable Goods
500	Motor vehicles and equipment (501)
501	Furniture and home furnishings (502)
502	Lumber and construction materials (503)
503-509	not used
510	Sporting goods, toys, and hobby goods (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
513-520	not used
521	Hardware, plumbing and heating supplies (507)
522	Not specified electrical and hardware products
523-529	not used
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)

1. When shown separately, "Not specified manufacturing," is at the same level as "Nondurable goods" and "Durable goods." When not shown, it is tallied with "Durable goods."

<u>Code</u>	<u>Occupations</u>
532	Miscellaneous wholesale, durable goods (5094, 5099)
533-539	not used
540-571	Nondurable Goods
540	Paper and paper products (511)
541	Drugs, chemicals, and allied products (512, 516)
542	Apparel, fabrics, and notions (513)
543-549	not used
550	Groceries and related products (514)
551	Farm products - raw materials (515)
552	Petroleum products (517)
553-559	not used
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
563-570	not used
571	Not specified wholesale trade
572-579	not used
580-691	RETAIL TRADE
580	Lumber and building material retailing (521, 523)
581	Hardware stores (525)
582	Retail nurseries and garden stores (526)
583-589	not used
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
593-599	not used
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)
602	Dairy products stores (545)
603-609	not used
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
613-619	not used
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623-629	not used
630	Apparel and accessory stores, except shoe (56, except 566)
631	Shoe stores (566)
632	Furniture and home furnishings stores (571)
633-639	not used
640	Household appliances, TV, and radio stores (572, 573)
641	Eating and drinking places (58)
642	Drug stores (591)
643-649	not used
650	Liquor stores (592)
651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	Book and stationery stores (5942, 5943)
653-659	not used
660	Jewelry stores (5944)
661	Sewing, needlework, and piece goods stores (5949)
662	Mail order houses (5961)



<u>Code</u>	<u>Occupations</u>
663-669	not used
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel and ice dealers (598)
673-680	not used
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
683-690	not used
691	Not specified retail trade
692-699	not used
700-712	FINANCE, INSURANCE, AND REAL ESTATE
700	Banking (60)
701	Savings and loan associations (612)
702	Credit agencies, n.e.c. (61, except 612)
703-709	not used
710	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate: including real estate-insurance-law offices (65, 66)
713-720	not used
721-760	BUSINESS AND REPAIR SERVICES
721	Advertising (731)
722	Services to dwellings and other buildings (734)
723-729	not used
730	Commercial research, development, and testing labs (7391, 7397)
731	Personnel supply services (736)
732	Business management and consulting services (7392)
733-739	not used
740	Computer and data processing services (737)
741	Detective and protective services (7393)
742	Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
743-749	not used
750	Automotive services, except repair (751, 752, 754)
751	Automotive repair shops (753)
752	Electrical repair shops (762, 7694)
753-759	not used
760	Miscellaneous repair services (763, 764, 7692, 7699)
761-791	PERSONAL SERVICES
761	Private households (88)
762	Hotels and motels (701)
763-769	not used
770	Lodging places, except hotels and motels (702, 703, 704)
771	Laundry, cleaning, and garment services (721)
772	Beauty shops (723)
773-779	not used
780	Barber shops (724)
781	Funeral service and crematories (726)
782	Shoe repair shops (725)
783-789	not used
790	Dressmaking shops (part 729)
791	Miscellaneous personal services (722, part 729)
792-799	not used

**Code****Occupations**

800-802	ENTERTAINMENT AND RECREATION SERVICES
800	Theaters and motion pictures (78, 792)
801	Bowling alleys, billiard and pool parlors (793)
802	Miscellaneous entertainment and recreation services (791, 794, 799)
803-811	not used
812-892	PROFESSIONAL AND RELATED SERVICES
812	Offices of physicians (801, 803)
813-819	not used
820	Offices of dentists (802)
821	Offices of chiropractors (8041)
822	Offices of optometrists (8042)
823-829	not used
830	Offices of health practitioners, n.e.c. (8049)
831	Hospitals (806)
832	Nursing and personal care facilities (805)
833-839	not used
840	Health services, n.e.c. (807, 808, 809)
841	Legal services (81)
842	Elementary and secondary schools (821)
843-849	not used
850	Colleges and universities (822)
851	Business, trade, and vocational schools (824)
852	Libraries (823)
853-859	not used
860	Educational services, n.e.c. (829)
861	Job training and vocational rehabilitation services (833)
862	Child day care services (835)
863-869	not used
870	Residential care facilities, without nursing (836)
871	Social services, n.e.c. (832, 839)
872	Museums, art galleries, and zoos (84)
873-879	not used
880	Religious organizations (866)
881	Membership organizations (861-865, 869)
882	Engineering, architectural, and surveying services (891)
883-889	not used
890	Accounting, auditing, and bookkeeping services (893)
891	Noncommercial educational and scientific research (892)
892	Miscellaneous professional and related services (899)
893-889	not used
900-932	PUBLIC ADMINISTRATION
900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
902-909	not used
910	Justice, public order, and safety (92)
911-920	not used
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)
923-929	not used
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)



## APPENDIX A2

### DETAILED INDUSTRY RECODES

(01-46)

<u>Detailed Industry</u>	<u>Recode</u>	<u>Industry Code</u>
Agriculture	01	10-21
Mining	02	40-50
Construction	03	60
Manufacturing (Durable Goods)		
Lumber and wood products, except furniture	04	230-241
Furniture and fixtures	05	242
Stone clay, glass, and concrete product	06	250-262
Primary metals	07	270-280
Fabricated metal	08	281-300
Not specified metal industries	09	301
Machinery, except electrical	10	310-332
Electrical machinery, equipment, and supplies	11	340-350
Motor vehicles and equipment	12	351
Aircraft and parts	13	352
Other transportation equipment	14	360-370
Professional and photographic equipment, and watches	15	371-382
Toys, amusements, and sporting goods	16	390
Miscellaneous and not specified manufacturing industries	17	391-392
Manufacturing (Nondurable Goods)		
Food and kindred products	18	100-122
Tobacco manufactures	19	130
Textile mill products	20	132-150
Apparel and other finished textile products	21	151-152
Paper and allied products	22	160-162
Printing, publishing and allied industries	23	171-172
Chemicals and allied products	24	180-192

<b><u>Detailed Industry</u></b>	<b><u>Recode</u></b>	<b><u>Industry Code</u></b>
Petroleum and coal products	25	200-201
Rubber and miscellaneous plastics products	26	210-212
Leather and leather products	27	220-222
Transportation	28	400-432
Communications	29	440-442
Utilities and Sanitary Services	30	460-472
Wholesale Trade	31	500-571
Retail Trade	32	580-691
Banking and Other Finance	33	700-710
Insurance and Real Estate	34	711-712
Private Household Services	35	761
Business Services	36	721-742
Repair Services	37	750-760
Personal Services, Except Private Household	38	762-791
Entertainment and Recreation Services	39	800-802
Hospitals	40	831
Health Services, Except Hospitals	41	812-830 832-840
Educational Services	42	842-860
Social Services	43	861-871

## APPENDIX A3

### Major Industry Recodes

(01-14)

<u>Major Industry</u>	<u>Record</u>	<u>Industry Code</u>
Agriculture, Forestry, and Fisheries	01	10-31
Mining	02	40-50
Construction	03	60
Manufacturing		
(Durable Goods)	04	230-392
Nondurable Goods	05	100-222
Transportation, Communications and Other Public Utilities	06	400-472
Wholesale Trade	07	500-571
Retail Trade	08	580-691
Finance, Insurance, and Real Estate	09	700-712
Business and Repair Services	10	721-760
Personal Services Including Private Households	11	761-791
Entertainment and Recreation Services	12	800-892
Professional and Related Services	13	812-892
Public Administration	14	900-932



## APPENDIX B1

### Occupational Classification Codes for Detailed Occupational Categories

(Numbers in parentheses are the 1980 SOC code equivalent; see U.S. Department of Commerce, Office of Federal Statistical Policy and Standards, Standard Occupational Classification Manual, 1980. "Pt" means part; "n.e.c." means not elsewhere classified.)

<b><u>Code</u></b>	<b><u>Occupations</u></b>
0-2	not used
3-199	<b>MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS</b>
3-37	<b>Executive, Administrative, and Managerial Occupations</b>
3	Legislators (111)
4	Chief executives and general administrators, public administration (112)
5	Administrators and officials, public administration (1132-1139)
6	Administrators, protective services (1131)
7	Financial managers (122)
8	Personnel and labor relations managers (123)
9	Purchasing managers (124)
10-12	not used
13	Managers, marketing, advertising, and public relations (125)
14	Administrators, education and related fields (128)
15	Managers, medicine and health (131)
16	Managers, properties and real estate (1353)
17	Postmasters and mail superintendents (1344)
18	Funeral directors (pt 1359)
19	Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359)
20-22	not used
23-37	<b>Management Related Occupations</b>
23	Accountants and auditors (1412)
24	Underwriters (1414)
25	Other financial officers (1415, 1419)
26	Management analysts (142)
27	Personnel, training, and labor relations specialists (143)
28	Purchasing agents and buyers, farm products (1443)
29	Buyers, wholesale and retail trade except farm products (1442)
30-32	not used
33	Purchasing agents and buyers, n.e.c. (144)
34	Business and promotion agents (145)
35	Construction inspectors (1472)
36	Inspectors and compliance officers, exc. construction (1473)
37	Management related occupations, n.e.c. (149)
38-42	not used
43-199	<b>Professional Specialty Occupations</b>
43-63	<b>Engineers, Architects, and Surveyors</b>
43	Architects (161)
44-59	<b>Engineers</b>
44	Aerospace (1622)
45	Metallurgical and materials (1623)
46	Mining (1624)
47	Petroleum (1625)
48	Chemical (1626)
49	Nuclear (1627)
50-52	not used

Revised: 6/89



<b><u>Code</u></b>	<b><u>Occupations</u></b>
53	Civil (1628)
54	Agricultural (1632)
55	Electrical and electronic (1633, 1636)
56	Industrial (1634)
57	Mechanical (1635)
58	Marine and naval architects (1637)
59	Engineers, n.e.c. (1639)
60-62	not used
63	Surveyors and Mapping Scientists (164)
64-68	Mathematical and Computer Scientists
64	Computer systems analysts and scientists (171)
65	Operations and systems researchers and analysts (172)
66	Actuaries (1732)
67	Statisticians (1733)
68	Mathematical scientists, n.e.c. (1739)
69-83	Natural Scientists
69	Physicists and astronomers (1842, 1843)
70-72	not used
73	Chemists, except biochemists (1845)
74	Atmospheric and space scientists (1846)
75	Geologists and geodeists (1847)
76	Physical scientists, n.e.c. (1849)
77	Agricultural and food scientists (1853)
78	Biological and life scientists (1854)
79	Forestry and conservation scientists (1852)
80-82	not used
83	medical scientists (1855)
84-89	Health Diagnosing Occupations
84	Physicians (261)
85	Dentists (262)
86	Veterinarians (27)
87	Optometrists (281)
88	Podiatrists (283)
89	Health diagnosing practitioners, n.e.c. (289)
90-94	not used
<u>95-106</u>	Health Assessment and Treating Occupations
95	Registered nurses (29)
96	Pharmacists (301)
97	Dietitians (302)
98-105	Therapists
98	Inhalation therapists (3031)
99	Occupational therapists (3032)
100-102	not used
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (3040)
107-112	not used
113-154	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)

<b><u>Code</u></b>	<b><u>Occupations</u></b>
119	Economics teachers (2218)
120-122	not used
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
130-132	not used
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
140-142	not used
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
150-152	not used
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-159	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
160-162	not used
163	Counselors, educational and vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)
174-177	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
178-179	Lawyers and Judges
178	Lawyers (211)
179	Judges (212)
180-182	not used

<b><u>Code</u></b>	<b><u>Occupations</u></b>
183-199	<b>Writers, Artists, Entertainers, and Athletes</b>
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artists print-makers (325)
189	Photographers (326)
190-192	not used
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
196	not used
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)
200-202	not used
203-389	<b>TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS</b>
203-235	<b>Technicians and Related Support Occupations</b>
203-208	<b>Health Technologists and Technicians</b>
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
209-212	not used
213-235	<b>Technologists and Technicians, Except Health</b>
213-218	<b>Engineering and Related Technologists and Technicians</b>
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)
219-222	not used
223-225	<b>Science Technicians</b>
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians n.e.c. (3832, 3833, 384, 389)
226-235	<b>Technicians; Except Health, Engineering, and Science</b>
226	Airplane pilots and navigators (825)
227	Air traffic controllers (392)
228	Broadcast equipment operators (393)
229	Computer programmers (3971, 3972)
230-232	not used
233	Tool programmers, numerical control (3974)
234	Legal assistants (396)
235	Technicians, n.e.c. (399)
236-242	not used
243-285	<b>Sales Occupations</b>
243	Supervisors and proprietors, sales occupations (40)
244-252	not used

<b><u>Code</u></b>	<b><u>Occupations</u></b>
253-257	Sales Representatives, Finance and Business Services
253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)
258-259	Sales Representatives, Commodities Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	not used
263-278	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
270-273	not used
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275	Sales counter clerks (4363)
276	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
279-282	not used
283-285	Sales Related Occupations
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
286-302	not used
303-389	Administrative Support Occupations, Including Clerical
303-307	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4515, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
308-309	Computer Equipment Operators
308	Computer operators (4612)
309	Peripheral equipment operators (4613)
310-312	not used
313-315	Secretaries, Stenographers and Typists
313	Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
316-323	Information Clerks
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
320-322	not used
323	Information clerks, n.e.c. (4649)
324	not used
325-336	Records Processing Occupation, Except Financial
325	Classified-ad clerks (4662)

<b><u>Code</u></b>	<b><u>Occupations</u></b>
326	Correspondence clerks (4663)
327	Order clerks (4664)
328	Personnel clerks, except payroll and timekeeping (4692)
329	Library clerks (4694)
330-334	not used
335	File clerks (4696)
336	Records clerks (4699)
337-344	Financial Records Processing Occupations
337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
340-342	not used
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
345-347	Duplicating, Mail and Other Machine Operators
345	Duplicating machine operators (4722)
346	Mail preparing and paper handling machine operators (4723)
347	Office machine operators, n.e.c. (4729)
348-353	Communications Equipment Operators
348	Telephone operators (4732)
349	Telegraphers (4733)
350-352	not used
353	Communications equipment operators, n.e.c. (4793)
354-357	Mail and Message Distributing Occupations
354	Postal clerks, exc. mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, exc. postal service (4744)
357	Messengers (4745)
358	not used
359-374	Material Recording, Scheduling, and Distributing Clerks, n.e.c.
359	Dispatchers (4751)
360-362	not used
363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
367	not used
368	Weighers, measurers, and checkers (4756)
369	Samplers (4757)
370-372	not used
373	Expeditors (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)

<u>Code</u>	<u>Occupations</u>
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
403	SERVICE OCCUPATIONS
403-407	Private Household Occupations
403	Launderers and ironers (503)
404	Cooks, private household (504)
405	Housekeepers and butlers (505)
406	Child care workers, private household (506)
407	Private household cleaners and servants (502, 507, 509)
408-412	not used
413-427	Service Occupations, Except Protective and Household
433-444	Food Preparation and Service Occupations
433	Supervisors, food preparation and service occupations (5211)
434	Bartenders (5212)
435	Waiters and waitresses (5213)
436	Cooks, except short order (5214)
437	Short-order cooks (52315)
438	Food counter, fountain and related occupations (5216)
439	Kitchen workers, food preparation (5217)
440-442	not used
443	Waiters'/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)
445-447	Health Service Occupations
445	Dental Assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
448-455	Cleaning and Building Service Occupations, except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
450-452	not used
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)
456-459	Personal Service Occupations
456	Supervisors, personal service occupations (5251)
457	Barbers (5252)
458	Hairdressers and cosmetologists (5253)
459	Attendants, amusement and recreation facilities (5254)
460-462	not used
463	Guides (5255)
464	Ushers (5256)
465	Public transportation attendants (5257)
466	Baggage porters and bellhops (5262)
467	Welfare service aides (5263)
468	Child care workers, except private household (5264)
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
473-499	FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-476	Farm Operators and Managers
473	Farmers, except horticulture (5512, 5514)
474	Horticultural specialty farmers, (5515)
475	Managers, farms, except horticultural (5522-5524)

<b><u>Code</u></b>	<b><u>Occupations</u></b>
476	Managers, horticultural specialty farms (5525)
477-489	Other Agricultural and Related Occupations
477-484	Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
478	not used
479	Farm workers (5612-5617)
480-482	not used
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
485-489	Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)
490-493	not used
494-496	Forestry and Logging Occupations
494	Supervisors, forestry and logging workers (571)
495	Forestry workers, except logging (572)
496	Timber cutting and logging occupations (573, 579)
497-499	Fishers, Hunters, and Trappers
497	Captains and other officers, fishing vessels (pt 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used
503	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-549	Mechanics and Repairers
503	Supervisors, Mechanics and Repairers (60)
504	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505	Automobile mechanics (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine mechanic (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, exc. engine (6116)
516	Heavy equipment mechanics (6117)
517	Farm equipment mechanics (6118)
518	Industrial machinery repairers (613)
519	Machinery maintenance occupations (614)
520-522	not used
523-533	Electrical and Electronic Equipment Repairers
523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
524	not used
525	Data processing equipment repairers (6154)
526	Household appliance and power tool repairers (6156)
527	Telephone line installers and repairers (6157)
528	not used
529	Telephone installers and repairers (6158)
530-532	not used
533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)

<u>Code</u>	<u>Occupations</u>
534	Heating, air conditioning, and refrigeration mechanics (616)
535-549	Miscellaneous Mechanics and Repairers
535	Camera, watch, and musical instrument repairers (6171, 6172)
536	Locksmiths and safe repairers (6173)
537	not used
538	Office machine repairers (6174)
539	Mechanical controls and valve repairers (6175)
540-542	not used
543	Elevator installers and repairers (6176)
544	Millwrights (6178)
545-546	not used
547	Specified mechanics and repairers, n.e.c. (6177, 6179)
548	not used
549	Not specified mechanics and repairers
550-552	not used
553-599	Construction Trades
553-558	Supervisors, Construction Occupations
553	Supervisors; brickmasons, stonemasons, and tile setters (6312)
554	Supervisors, carpenters and related workers (6313)
555	Supervisors, electricians and power transmission installers (6134)
556	Supervisors; painters, paperhangers, and plasterers (6315)
557	Supervisors: plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, n.e.c. (6311, 6318)
559-562	not used
563-599	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (6414, pt 6462)
566	Carpet installers (pt 6462)
567	Carpenters (pt 6422)
568	not used
569	Carpenter apprentices (pt 6422)
570-572	not used
573	Drywall installers (6424)
574	not used
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
580-582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
590-592	not used
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)



<u>Code</u>	<u>Occupations</u>
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)
600-612	not used
613-617	Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)
618-632	not used
633-699	Precision Production Occupations
633	Supervisors, production occupations (67, 710)
634-655	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
638	not used
639	Machinist apprentices (pt 6813)
640-642	not used
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6812)
647	Precious stones and metals workers (jewelers) (6822, 6866)
648	not used
649	Engravers, metal (6823)
650-652	not used
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenter (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used
666-674	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)
667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-672	not used
673	Apparel and fabric patternmakers (6856)
674	Miscellaneous precision apparel and fabric workers (6859, pt 7752)
675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, pt 7477, pt 7677)
678	Dental laboratory and medical appliance technicians (6865)
679	Bookbinders (6844)
680-682	not used
683	Electrical and electronic equipment assemblers (6867)
684	Miscellaneous precision workers, n.e.c. (6869)
685	not used
686-688	Precision Food Production Occupations
686	Butchers and meat cutters (6871)

<u>Code</u>	<u>Occupations</u>
687	Bakers (6872)
688	Food batchmakers (6873, 6879)
689-693	Precision Inspectors, Testers, and Related Workers
689	Inspectors, testers, and graders (6881, 828)
690-692	not used
693	Adjusters and calibrators (6882)
694-699	Plant and System Operators
694	Water and sewage treatment plant operators (691)
695	Power plant operators (pt 693)
696	Stationary engineers (pt 693, 7668)
697-698	not used
699	Miscellaneous plant and system operators (692, 694, 695, 696)
700-702	not used
703-889	OPERATORS, FABRICATORS, AND LABORERS
703-799	Machine Operators, Assemblers, and Inspectors
703-779	Machine Operators and Tenders, except Precision
703-715	Metal Working and Plastic Working Machine Operators
703	Lathe and turning machine set-up operators (7312)
704	Lathe and turning machine operators (7512)
705	Milling and planing machine operators (7313, 7513)
706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	Rolling machine operators (7316, 7516)
708	Drilling and boring machine operators (7318, 7518)
709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
710-712	not used
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
716	not used
717	Fabricating machine operators, n.e.c. (7339, 7539)
718	not used
719-725	Metal and plastic processing machine operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
720-722	not used
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)
726-733	Woodworking Machine Operators
726	Wood lathe, routing, and planeing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nail and tacking machine operators (7636)
730-732	not used
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
734-737	Printing Machine Operators
734	Printing machine operators (7443, 7643)
735	Photoengravers and lithographers (6842, 7444, 7644)
736	Typesetters and compositors (6841, 7642)
737	Miscellaneous printing machine operators (6849, 7449, 7649)
738-749	Textile, Apparel and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	not used
743	Textile cutting machine operators (7654)

<u>Code</u>	<u>Occupations</u>
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657)
748	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)
750-752	not used
753-779	Machine Operators, Assorted Materials
753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7562, 7662)
755	Extruding and forming machine operators (7463, 7663)
756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758	Compressing and compacting machine operators (7646, 7667)
759	Painting and paint spraying machine operators (7669)
760-762	not used
763	Roasting and baking machine operators, food (7472, 7672)
764	Washing, cleaning, and pickling machine operators (7673)
765	Folding machine operators (7474, 7674)
766	Furnace, kiln, and oven operators, exc. food (7675)
767	not used
768	Crushing and grinding machine operators (pt 7477, pt 7677)
769	Slicing and cutting machine operators (7478, 7678)
770-772	not used
773	Motion picture projectionists (pt 7479)
774	Photographic process machine operators (6863, 6868, 7671)
775-776	not used
777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
778	not used
779	Machine operators, not specified
780-782	not used
783-795	Fabricators, Assemblers, and Hand Working Occupations
783	Welders and cutters (7332, 7532, 7714)
784	Solderers and brazers (7333, 7533, 7717)
785	Assemblers (772, 774)
786	Hand cutting and trimming occupations (7753)
787	Hand molding, casting, and forming occupations (7754, 7755)
788	not used
789	Hand painting, coating, and decorating occupations (7756)
790-792	not used
793	Hand engraving and printing occupations (7757)
794	Hand grinding and polishing occupations (7758)
795	Miscellaneous hand working occupations (7759)
796-799	Production Inspectors, Testers, Samplers, and Weighers
796	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783)
798	Production samplers and weighers (784)
799	Graders and sorters, exc. agricultural (785)
800-802	not used
803-859	Transportation and Material Moving Occupations
803-814	Motor Vehicle Operators
803	Supervisors, motor vehicle operators (8111)
804	Truck drivers, heavy (8212, 8213)
805	Truck drivers, light (8214)
806	Driver-sales workers (8218)

<u>Code</u>	<u>Occupations</u>
807	not used
808	Bus drivers (8215)
809	Taxicab drivers and chauffeurs (8216)
810-812	not used
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)
815-822	not used
823-834	Transportation Occupations, Except Motor Vehicles
823-826	Rail Transportation Occupations
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
827	not used
828-834	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
830-832	not used
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
835-842	not used
843-859	Material Moving Equipment Operators
843	Supervisors, material moving equipment operators (812)
844	Operating engineers (8312)
845	Longshore equipment operators (8313)
846-847	not used
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
850-852	not used
853	Excavating and loading machine operators (8316)
854	not used
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
857-858	not used
859	Miscellaneous material moving equipment operators (8319)
860-862	not used
863-889	Handlers, Equipment Cleaners, Helpers, and Laborers
863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
864	Helpers, mechanics and repairers (863)
865-867	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
868	not used
869	Construction laborers (871)
870-872	not used
873	Production helpers (861, 862)
874	not used
875-883	Freight, Stock, and Material Handlers
875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)
878	Machine feeders and offbearers (8725)
879-882	not used
883	Freight, stock, and material handlers, n.e.c. (8726)

887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
890-904	not used
905	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces.

## APPENDIX B2

### Detailed Occupation Recodes

(01-52)

<u>Detailed Occupation</u>	<u>Recode</u>	<u>Industry Code</u>
Administrators and Officials, Public Administration	01	3-6
Managers and Administrators, Except Public Administration	02	7-19
Salaried	03	
Self-Employed	04	
Management Related Occupations	05	24-37
Accountants and Auditors	06	23
Engineers, Architects, and Surveyors	07	43-63
Engineers	08	44-59
Natural Scientists and Mathematicians	09	65-83
Computer Systems Analysts and Scientists	10	64
Health Diagnosing Occupations	11	86-89
Physicians and Dentists	12	84-85
Health Assessment and Treating Occupations	13	95-106
Teachers, Librarians, and Counselors	14	113-154 163-165
Teachers, Except Postsecondary	15	155-159
Other Professional Specialty Occupations	16	166-199
Health Technologists and Technicians	17	203-208
Engineering and Science Technicians	18	213-225
Technicians, Except Health Engineering, and Science	19	226-235

<b><u>Detailed Occupation</u></b>	<b><u>Recode</u></b>	<b><u>Industry Code</u></b>
Supervisors and Proprietors, Sales Occupations	20	243
Sales Representatives, Commodities and Finance	21	253-359
Other Sales Occupations	22	263-285
Computer Equipment Operators	23	308-309
Secretaries, Stenographers, and Typists	24	313-315
Financial Records Processing Occupations	25	337-344
Other Administrative Support Occupations, Including Clerical	26	303-389
Private Household Service Occupations	27	403-407
Protective Service Occupations	28	413-427
Food Service Occupations	29	433-444
Health Service Occupations	30	445-447
Cleaning and Building Service Occupations	31	448-455
Personal Service Occupations	32	456-469
Farm Operators and Managers	33	473-476
Farm Occupations, Except Managerial	34	477-484
Related Agricultural Occupations	35	485-489
Forestry and Fishing Occupations	36	494-499
Mechanics and Repairers	37	503-549
Construction Trades and Extractive Occupations	38	553-617
Carpenters	39	567-569

<u>Detailed Occupation</u>	<u>Recode</u>	<u>Industry Code</u>
Supervisors, Production Occupations	40	633
Precision Metal Working Occupations	41	634-655
Other Precision Production Occupations	42	656-699
Machine Operators and Tenders, Except Precision	43	703-779
Fabricators, Assemblers, and Hand Working Occupations	44	783-795
Production Inspectors, Testers, Samplers, and Weighers	45	796-799
Transportation Occupations	46	803-834
Material Moving Equipment Operators	47	843-859
Construction Laborer	48	869
Freight, Stock and Material Handlers	49	875-883
Other Specified Handlers, Equipment Cleaners, and Helpers	50	863-888
Laborers, Except Construction	51	889
Armed Forces, Currently Civilian	52	905





<b><u>Occupation Group</u></b>	<b><u>Recode</u></b>	<b><u>Occupation Code</u></b>
Executive, Administrative, and Managerial Occupations	01	3-37
Professional Specialty Occupations	02	43-199
Technicians and Related Support Occupations	03	203-389
Sales Occupations	04	243-285
Administrative Support Occupations, Including Clerical	05	303-389
Private Household Service Occupations	06	403-407
Protective Service Occupation	07	413-427
Service Occupations, Except Protective and Household	08	433-469
Farming, Forestry, and Fishing Occupations	09	473-499
Precision Production, Craft, and Repair Occupations	10	503-699
Machine Operators, Assemblers, and Inspectors	11	703-799
Transportation and Material Moving Equipment Occupations	12	803-859
Handlers, Equipment Cleaners, Helpers, and Laborers	13	863-889
Armed Forces, Currently Civilian	14	905



## **APPENDIX C**

### **Selected Tables from the Current Population Survey, March 1988**

Table 1 - Population by Age, Race, Sex, Origin, and Population Status

Table 2 - Population by Race, Sex, Origin, and Relationship to Householder

Table 3 - Weighted and Unweighted Counts

Table 4 - Persons 15+ Years Old by Race, Sex, and Type of Income

Table 5 - Families and Unrelated Individuals 15+ by Race and Sex of Householder and Type of Income

Table 6 - Household and Family Units by Race and Origin

Table 7 - Persons 15 Years and Over by Total Money Income, Race, and Sex

Table 8 - Families and Unrelated Individuals 15+ by Total Money Income

Table 9 - Work Experience of Persons 16 Years Old and Over by Race, Sex, and Work Experience

Table 10 - Mobility by Sex and Race

TABLE 1 POPULATION BY AGE, RACE, SEX, ORIGIN, AND POPULATION STATUS, MARCH 19  
[A] : [B] RACE AND SEX : [C] : [D]

[D] : MARCH SUPPLEMENT - WEIGHTED COUNT  
[C] : TOTAL PERSONS

	ALL RACES			WHITE			BLACK AND OTHER			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	241155	117260	123895	203869	99671	104198	37285	17589	19696	29333	13717	15616
LESS THAN 15 YEARS OLD	52703	26976	25727	42528	21848	20681	10175	5129	5046	8112	4115	3998
15+ YEARS OLD	188452	90284	98168	161341	77823	83518	27111	12460	14650	21221	9603	11618
[C] : CIVILIANS												
TOTAL	240203	116308	123895	203112	98914	104198	37091	17395	19696	29181	13565	15616
LESS THAN 15 YEARS OLD	52703	26976	25727	42528	21848	20681	10175	5129	5046	8112	4115	3998
15+ YEARS OLD	187500	89332	98168	160584	77066	83518	26916	12266	14650	21068	9450	11618
[C] : ARMED FORCES												
TOTAL	952	952	0	757	757	0	194	194	0	153	153	0
LESS THAN 15 YEARS OLD	0	0	0	0	0	0	0	0	0	0	0	0
15+ YEARS OLD	952	952	0	757	757	0	194	194	0	153	153	0
[C] : SPANISH ORIGIN												
TOTAL	19431	9746	9685	18805	9437	9369	626	309	317	465	221	244
LESS THAN 15 YEARS OLD	5825	2970	2855	5648	2880	2768	177	90	87	123	61	63
15+ YEARS OLD	13606	6776	6831	13158	6557	6601	449	219	230	342	161	181
[D] : MARCH SUPPLEMENT - UNIT COUNT												
[C] : TOTAL PERSONS												
TOTAL	155906	75155	80751	134421	65250	69171	21485	9905	11580	15910	7158	8752
LESS THAN 15 YEARS OLD	35764	18322	17442	29522	15172	14350	6242	3150	3092	4692	2379	2313
15+ YEARS OLD	120142	56833	63309	104899	50078	54821	15243	6755	8488	11218	4779	6439
[C] : CIVILIANS												
TOTAL	155244	74493	80751	133882	64711	69171	21362	9782	11580	15816	7064	8752
LESS THAN 15 YEARS OLD	35764	18322	17442	29522	15172	14350	6242	3150	3092	4692	2379	2313
15+ YEARS OLD	119480	56171	63309	104360	49539	54821	15120	6632	8488	11124	4685	6439
[C] : ARMED FORCES												
TOTAL	662	662	0	539	539	0	123	123	0	94	94	0
LESS THAN 15 YEARS OLD	0	0	0	0	0	0	0	0	0	0	0	0
15+ YEARS OLD	662	662	0	539	539	0	123	123	0	94	94	0
[C] : SPANISH ORIGIN												
TOTAL	16170	7960	8210	15640	7705	7935	530	255	275	385	172	213
LESS THAN 15 YEARS OLD	4841	2517	2324	4682	2434	2248	159	83	76	115	56	59
15+ YEARS OLD	11329	5443	5886	10958	5271	5687	371	172	199	270	116	154

MDB : DSMARCH88\*USER3MQU(1)

DDB : DSMARCH88\*3MTRAN\$UNITD(O)

TABLE 2 POPULATION BY RACE, SEX, ORIGIN, AND RELATIONSHIP TO HEAD, MARCH 19

[A] : [B] HOUSEHOLD RELATIONSHIP : [C]

[C] : ALL PERSONS

	ALL RACES		WHITE		BLACK AND OTHER		BLACK	
	TOTAL	MALE	TOTAL	MALE	TOTAL	MALE	TOTAL	MALE
HH RELATIONSHIP								
TOTAL PERSONS.	241155	117260	203869	99671	37285	17589	29333	13717
FAMILY HOUSEHOLDER	65133	51464	56044	46335	9089	5129	7177	3621
NON-FAMILY HOUSEHOLDER	25933	11310	22426	9592	3508	1718	3010	1429
SPOUSE	51809	3061	46539	2465	5270	596	3616	495
CHILD	79197	41908	64903	34450	14295	7458	11319	5928
OTHER RELATIVE	10528	4932	6993	3189	3535	1743	2904	1445
NONRELATIVE	8554	4586	6966	3641	1588	946	1307	799

[C] : SPANISH ORIGIN

HH RELATIONSHIP

TOTAL PERSONS.	19431	9746	18805	9437	626	309	465	221
FAMILY HOUSEHOLDER	4588	3253	4420	3177	168	77	123	44
NON-FAMILY HOUSEHOLDER	1109	612	1058	580	51	32	39	22
SPOUSE	3337	256	3080	245	77	12	56	11
CHILD	7883	4190	7621	4035	262	155	197	117
OTHER RELATIVE	1502	746	1467	732	34	14	28	11
NONRELATIVE	1011	688	979	668	32	20	21	16

DATE 080288

MATRIX:00030

MDB : DSMARCH88\*USER3MOU..1)

DOB : DSMARCH88\*3MTRAN\$UNITD(O)

TABLE 3 WEIGHTED AND UNWEIGHT COUNTS OF MARCH 19  
[A] WEIGHTED AND UNWEIGHTED : [B] PERSONS AND FAMILIES

	WEIGHTED	UNWEIGHTED
TOTAL PERSONS.	241155	155906
TOTAL FAMILY HOUSEHOLDERS.	65133	42234
TOTAL UNITS.	107266	74704
INTERVIEWED UNITS (HHDS * GO).	91394	58876
HOUSEHOLDS (FAMILY & NONFAMILY HHLDERS)	91066	58699
TOTAL FAMILY RECORDS IN HOUSEHOLDS	100759	64408
TOTAL FAMILIES(HHLD,RELATED & UNRLTD).	68067	44068
FAMILY HHLDERS WITH NO RELATED SUB.	62907	40818
FAMILY HHLDERS WITH 1+ RELATED SUBS.	2226	1416
UNRELATED SUBFAMILY.	537	333
UNRELATED SUBFAMILY.	2397	1501
TOTAL UNRELATED INDIVIDUALS.	32692	20340
NONFAMILY HOUSEHOLDER.	25933	16465
OTHER PERSONS LIVING WITH NO RELTVS.	6759	3875
TOTAL PERSONS IN HOUSEHOLDS.	240722	155658
CIVILIANS 15 YEARS OLD AND OVER.	187094	119256
CHILDREN LESS THAN 15 YEARS OLD.	52676	35740
ARMED FORCES MEMBERS	952	662
GROUP QUARTERS	328	177
TOTAL FAMILY RECORDS IN GROUP QUARTERS	433	248
TOTAL PERSONS	433	248
CIVILIANS 15 YEARS OLD AND OVER.	406	224
CHILDREN LESS THAN 15 YEARS OLD.	27	24
ARMED FORCES MEMBERS	0	0
NONINTERVIEWED UNITS	15872	15828
TYPE A	3207	3283
TYPE B-C	12665	12545

DATE 080288 P.

MATRIX:00040

MOB : DSMARCH88\*USER3M000...1)

DDB : DSMARCH88\*3MTRANSUNITD(O)

TABLE 4 PERSONS 15+ YEARS OLD BY RACE, SEX, AND TYPE OF INCOME, MARCH 19

[A] : [B] SOURCE OF INCOME

	ALL RACES			WHITE			BLACK AND OTHER			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	188452	90284	98168	161341	77823	83518	27111	12460	14650	21221	9603	11618
WITH INCOME	174881	85616	89265	151328	74681	76648	23552	10935	12617	18415	8341	10074
WAGE AND SALARY	120588	64355	56233	104004	55988	48016	16585	8367	8217	12934	6391	6542
NON-FARM SELF EMPLOYMENT	11330	7440	3891	10550	6948	3603	780	492	288	427	266	161
FARM SELF EMPLOYMENT	1746	1481	265	1716	1455	261	30	26	4	14	12	2
SOCIAL SECURITY AND RR	34424	14437	19987	30532	12792	17740	3892	1645	2247	3343	1385	1959
SUPPLEMENTAL SECURITY	3586	1270	2316	2366	877	1489	1220	393	827	1099	347	751
PUBLIC ASSISTANCE	4601	866	3735	2583	530	2053	2018	337	1681	1785	263	1522
INTEREST	104309	50191	54118	96584	46552	50032	7725	3639	4087	4861	2233	2628
DIVIDENDS, RENTAL, OR EST/TRUSTS	32569	16760	15809	30770	15852	14908	1798	898	900	980	475	506
VETERANS, UNEMP. AND WORKMEN COMP.	11386	7617	3769	9707	6617	3091	1679	1000	679	1400	820	580
PENSIONS AND MILITARY RETIREMENT	15188	9274	5913	14033	8595	5438	1155	679	476	949	545	404
ALIMONY AND OTHER MONEY INCOME	13257	4704	8553	11412	4064	7348	1844	639	1205	1333	344	990
WITH NO INCOME	13571	4668	8903	10012	3143	6870	3558	1525	2033	2806	1261	1544



## TABLE 5 FAMILIES AND UNRELATED INDIVIDUALS 15+ BY RACE AND SEX OF HEAD AND TYPE OF INCOME, MARCH 19

[A] : [B] SOURCE OF INCOME : [C]

## [C] : FAMILIES

	ALL RACES			WHITE			BLACK AND OTHER			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	65133	51464	13669	56044	46335	9709	9089	5129	3961	7177	3621	3556
WITH INCOME	64940	51383	13557	55925	46274	9651	9015	5109	3907	7118	3609	3509
WAGE AND SALARY	53575	42932	10643	46266	38489	7778	7308	4444	2865	5719	3165	2554
NON-FARM SELF EMPLOYMENT	8441	7418	1023	7858	6952	905	584	466	118	333	246	87
FARM SELF EMPLOYMENT	1408	1340	69	1387	1319	68	21	21	1	9	9	0
SOCIAL SECURITY AND RR	15332	11964	3368	13426	10862	2564	1906	1102	804	1622	878	745
SUPPLEMENTAL SECURITY	1736	976	760	1133	722	411	602	254	349	535	194	341
PUBLIC ASSISTANCE	3546	866	2680	1971	606	1365	1575	260	1315	1401	181	1221
INTEREST	43400	36998	6402	39886	34497	5389	3514	2501	1013	2297	1491	807
DIVIDENDS, RENTAL, OR EST/TRUSTS	16623	14679	1944	15680	13935	1745	943	744	199	529	394	135
VETERANS, UNEMP. AND WORKMEN COMP.	8151	6700	1451	7057	6018	1039	1094	581	412	876	505	371
PENSIONS AND MILITARY RETIREMENT	9705	8424	1282	8990	7899	1090	716	524	191	561	402	159
ALIMONY AND OTHER MONEY INCOME	9022	5512	3510	7735	4970	2765	1287	542	745	977	325	652
WITH NO INCOME	193	81	112	119	61	58	74	20	54	59	12	47

## [C] : UNRELATED INDIVIDUALS

TOTAL	32860	15254	17607	28196	12768	15428	4664	2486	2179	3941	2075	1866
WITH INCOME	32173	14962	17212	27737	12588	15149	4437	2374	2063	3765	1985	1780
WAGE AND SALARY	20208	11071	9137	17385	9384	8001	2823	1687	1136	2343	1402	942
NON-FARM SELF EMPLOYMENT	1812	1280	532	1697	1189	508	115	91	24	75	51	23
FARM SELF EMPLOYMENT	152	119	34	148	116	31	5	3	2	5	3	2
SOCIAL SECURITY AND RR	10173	2547	7626	9032	2153	6879	1141	394	747	1044	367	678
SUPPLEMENTAL SECURITY	1457	469	988	1003	310	692	455	159	296	429	152	277
PUBLIC ASSISTANCE	491	247	244	325	154	171	166	93	73	158	89	69
INTEREST	18208	7801	10407	16817	7093	9725	1391	708	683	1083	535	548
DIVIDENDS, RENTAL, OR EST/TRUSTS	5638	2516	3123	5298	2346	2952	341	170	171	252	115	137
VETERANS, UNEMP. AND WORKMEN COMP.	2477	1473	1005	2067	1222	845	411	251	160	370	216	154
PENSIONS AND MILITARY RETIREMENT	4196	1377	2820	3826	1208	2618	370	168	202	332	156	177
ALIMONY AND OTHER MONEY INCOME	2756	1217	1540	2432	1035	1397	324	181	143	180	80	100
WITH NO INCOME	687	292	395	459	180	279	228	112	116	176	90	86

DATE 080288 PA

MATRIX:00060

DOB : DSMARCH88\*3MTRAN\$UNITD(O) MDB : DSMARCH88\*USER3MQU(,1)

TABLE 6 HOUSEHOLD AND FAMILY UNITS BY RACE, AND ORIGIN, MARCH 19

[A] : [B] KIND OF HOUSEHOLD AND FAMILY

	TOTAL	WHITE	BLACK AND OTHER	BLACK	SPANISH ORIGIN
TOTAL HOUSEHOLDS	91066	78469	12597	10186	5698
FAMILY HOUSEHOLDER	65133	56044	9089	7177	4588
MARRIED-COUPLE	51809	46644	5165	3682	3204
OTHER FAMILY, MALE HHLDR	2715	2165	551	421	312
OTHER FAMILY, FEMALE HHLDR	10608	7235	3374	3074	1072
NONFAMILY HOUSEHOLDER	25933	22426	3508	3010	1109
MALE	11310	9592	1718	1429	612
FEMALE	14624	12834	1790	1580	497
TOTAL FAMILY HHLDRS	65670	56454	9216	7286	4647
MARRIED-COUPLE	51847	46680	5168	3682	3218
OTHER FAMILY, MALE HHLDR	2762	2201	561	431	322
OTHER FAMILY, FEMALE HHLDR	11061	7574	3487	3173	1107
TOTAL RELATED SUBFAMILIES	2397	1464	933	797	342
MARRIED-COUPLE	765	601	165	70	128
FATHER-CHILD	152	120	32	26	21
MOTHER-CHILD	1480	743	737	701	193
TOTAL UNRELATED FAMILIES	537	410	126	109	59
MARRIED-COUPLE	38	35	3	0	14
OTHER FAMILY, MALE HHLDR	46	36	10	10	10
OTHER FAMILY, FEMALE HHLDR	452	339	113	99	35
NONFAMILY HHLDRS	33125	28376	4749	4011	1960
MALE	15391	12861	2530	2108	1228
FEMALE	17734	15515	2219	1903	732
OTHER PERSONS LIVING	7192	5951	1241	1001	851
WITH NO RELATIVES	4081	3269	812	679	616
MALE	3111	2682	429	323	234
FEMALE					

TABLE 7 PERSONS 15 YEARS AND OVER BY TOTAL MONEY INCOME, RACE, AND SEX, MARCH 1919

	ALL RACES			WHITE			BLACK AND OTHER			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	188452	90284	98168	161341	77823	83518	27411	12460	14650	12221	9603	11618
NO INCOME	13549	4660	8889	9991	3135	6856	3135	1525	2033	2806	1261	1544
TOTAL	174902	85623	89279	151350	74688	76662	23552	10935	12617	18415	8341	10074
1 TO 1999 OR LESS	20618	5859	14759	17628	4742	12886	2990	1117	1873	2189	878	1310
2,000 TO 2,999	7180	2279	4901	5867	1824	4043	1313	456	858	1080	340	740
3,000 TO 3,999	7646	2218	5429	6183	1735	4448	1463	482	980	1229	390	839
4,000 TO 4,999	8295	2669	5626	6448	2043	4405	1847	626	1222	1627	542	1085
5,000 TO 5,999	7361	2554	4807	6121	2050	4071	1240	504	736	1025	395	630
6,000 TO 6,999	7061	2440	4620	6004	2021	3983	1056	419	637	893	348	545
7,000 TO 7,999	10000	3873	6127	8509	3238	5271	1491	635	857	1232	528	704
8,500 TO 9,999	7427	3199	4228	6410	2697	3714	1017	502	515	802	396	406
10,000 TO 12,499	14487	6699	7789	12473	5700	6773	2015	999	1016	1602	803	799
12,500 TO 14,999	10533	5009	5524	9176	4379	4797	1357	630	727	1110	533	579
15,000 TO 17,499	11193	5578	5615	9664	4850	4814	1529	728	801	1238	574	664
17,500 TO 19,999	8164	4309	3855	7190	3814	3376	974	494	479	761	385	376
20,000 TO 24,999	15035	8714	6321	13246	7723	5523	1789	990	798	1366	741	625
25,000 TO 29,999	11034	7266	3768	9880	6567	3312	1155	699	456	878	526	352
30,000 TO 34,999	8455	6124	2331	7560	5550	2010	895	574	321	629	407	222
35,000 TO 49,999	12543	9941	2602	11570	9243	2326	973	697	276	572	407	165
50,000 TO 74,999	5378	4671	708	5052	4399	653	326	272	54	142	110	32
75,000 AND OVER	2491	2223	268	2368	2113	255	123	110	13	42	37	5
AGGREGATE FOR MEAN	2932*14	1905*14	1017*14	2617*14	1730*14	8874*13	3046*13	1748*13	1298*13	2194*13	1195*13	9989*12
MEAN INCOME	12047	17752	8101	12509	18854	8279	9053	11817	7006	8419	11101	6796
MEAN INCOME	16710	22253	11395	17298	23171	11576	12936	15986	10293	11915	14329	9916

DATE 080288 P.A.

MATRIX:00080

MOB : DSMARCH88\*USER3MODU...1)

DDB : DSMARCH88\*3MTRAN\$UNITD(O)

## TABLE 8 FAMILIES AND UNRELATED INDIVIDUALS 15+ BY TOTAL MONEY INCOME, MARCH 19

[A] : [B] : [C]

[C] : FAMILIES

	ALL RACES			WHITE			BLACK AND OTHER			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	65133	51464	13669	56044	46335	9709	9089	5129	3961	7177	3621	3556
NO INCOME	193	81	112	119	61	58	74	20	54	59	12	47
TOTAL	64940	51383	13557	55925	46274	9651	9015	5109	3907	7118	3609	3509
UNDER 2,500	982	418	564	637	327	310	345	90	254	298	65	233
2,500 TO 4,999	1706	525	1181	1040	427	613	666	98	568	611	80	531
5,000 TO 7,499	2353	1097	1257	1644	876	768	710	220	489	558	188	456
7,500 TO 9,999	2434	1431	1002	1796	1195	601	637	236	401	558	188	371
10,000 TO 12,499	2966	1982	984	2340	1684	656	626	298	328	508	216	291
12,500 TO 14,999	2899	2082	817	2444	1846	598	455	236	219	387	195	192
15,000 TO 17,499	3156	2308	847	2650	2044	607	506	265	241	454	220	233
17,500 TO 19,999	3041	2340	701	2561	2057	504	481	283	198	390	204	186
20,000 TO 24,999	5984	4765	1218	5121	4209	912	863	557	306	719	433	286
25,000 TO 29,999	5787	4723	1064	5153	4324	829	634	399	235	499	290	208
30,000 TO 34,999	5605	4766	839	4977	4295	682	628	472	197	475	341	134
35,000 TO 39,999	5091	4406	685	4572	4035	536	519	371	148	382	259	123
40,000 TO 49,999	8040	7048	993	7297	6479	817	744	568	175	536	394	142
50,000 TO 59,999	5390	4815	575	4951	4460	491	440	355	84	288	232	56
60,000 TO 74,999	4446	4061	385	4063	3717	346	383	344	39	212	185	27
75,000 AND OVER	5060	4615	445	4680	4299	382	380	316	64	181	142	39
MEDIAN INCOME	30829	34055	17752	32322	34759	20645	20316	28076	11628	18098	25484	11205
AGGREGATE FOR MEAN	2345*14	2019*14	3257*13	2106*14	1848*14	2576*13	2391*13	1709*13	6816*12	1687*13	1093*13	5736*12
MEAN INCOME	36012	39247	23832	37585	39901	26533	26311	33338	17212	23230	30200	16132

[C] : UNRELATED INDIVIDUALS

TOTAL	32860	15254	17607	28196	12768	15428	4664	2486	2179	3941	2075	1866
NO INCOME	687	292	395	459	180	279	228	112	116	176	90	86
TOTAL	32173	14962	17212	27737	12588	15149	4437	2374	2063	3765	1985	1780
UNDER 2,500	1548	760	788	1170	545	625	378	215	163	326	182	143
2,500 TO 4,999	3393	1194	2199	2505	829	1676	888	365	523	801	315	486
5,000 TO 7,499	4552	1495	3058	3874	1183	2692	678	312	366	596	277	320
7,500 TO 9,999	3156	1247	1910	2781	1022	1759	375	225	151	313	190	123
10,000 TO 12,499	3041	1397	1644	2681	1181	1500	360	216	144	300	177	123
12,500 TO 14,999	2189	941	1248	1870	770	1100	319	171	148	263	139	124
15,000 TO 17,499	2374	1135	1239	2114	1013	1101	260	122	138	220	103	117
17,500 TO 19,999	1673	771	901	1496	668	828	176	103	74	150	91	59
20,000 TO 24,999	3112	1621	1491	2765	1434	1331	348	188	160	294	163	131
25,000 TO 29,999	2241	1255	986	2008	1102	906	233	153	80	196	126	70
30,000 TO 34,999	1583	910	673	1421	794	627	162	116	46	132	96	36
35,000 TO 39,999	1071	660	411	965	588	377	106	72	34	70	49	21
40,000 TO 49,999	1140	760	380	1040	688	352	100	72	28	78	55	21
50,000 TO 59,999	480	356	124	457	336	120	24	20	4	11	8	2
60,000 TO 74,999	280	205	75	269	198	71	11	7	5	7	3	0
75,000 AND OVER	340	255	84	320	236	84	20	19	1	10	10	0
MEDIAN INCOME	12559	15666	10689	13338	16664	11137	8569	10169	6961	8067	9784	6697
AGGREGATE FOR MEAN	5502*13	2998*13	2503*13	4919*13	2647*13	2271*13	5825*12	3509*12	2315*12	4688*12	2779*12	1909*12
MEAN INCOME	16745	19660	14219	17448	20738	14726	12489	14120	10629	11897	13390	10235

## TABLE 9 WORK EXPERIENCE OF PERSONS 16 YEARS OLD AND OVER BY RACE, SEX, AND WORK EXPERIENCE

[A] : [B] WORK EXPERIENCE : [C]

[C] : ALL PERSONS

	ALL RACES			WHITE			BLACK AND OTHER			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL 16+ . . . . .	184117	87601	96516	157875	75683	82192	26242	11918	14325	20530	9178	11352
NO WORK EXPERIENCE . . . . .	56162	18582	37580	46800	15157	31643	9362	3425	5937	7510	2770	4739
WITH WORK EXPERIENCE . . . . .	127955	69019	58936	111075	60526	50549	16880	8493	8387	13020	6408	6612
WORKED FULL-TIME . . . . .	100137	59740	40398	86564	52574	33989	13574	7165	6408	10517	5413	5104
50 - 52 WEEKS . . . . .	76988	47106	29882	67074	41800	25274	9914	5306	4608	7641	3972	3668
40 - 49 WEEKS . . . . .	7891	4488	3403	6832	3924	2908	1060	564	496	819	435	384
14 - 39 WEEKS . . . . .	10835	5812	5023	9105	4950	4155	1730	862	869	1363	670	693
1 - 13 WEEKS . . . . .	4423	2333	2089	3553	1900	1653	870	434	436	694	335	359
WORKED PART-TIME . . . . .	27818	9280	18538	24511	7952	16559	3307	1328	1979	2503	995	1508
50 - 52 WEEKS . . . . .	10949	3175	7774	9806	2801	7005	1142	374	769	833	241	592
40 - 49 WEEKS . . . . .	3234	1103	2131	2849	925	1924	385	178	207	287	134	153
14 - 39 WEEKS . . . . .	8052	2876	5186	7083	2466	4617	979	409	569	755	326	429
1 - 13 WEEKS . . . . .	5573	1266	3447	4773	1760	3013	800	367	434	629	295	334
TOTAL 16+ WITH UNEMPLOYMENT . . . . .	18535	10592	7943	14824	8649	6175	3711	1943	1768	3118	1591	1526
WORKED 50 - 52 WEEKS . . . . .	769	502	266	684	458	225	85	44	41	74	36	38
WORKED LESS THAN 50 WEEKS . . . . .	15686	9207	6479	12807	7594	5214	2878	1613	1265	2363	1304	1059
NO WORK EXPERIENCE . . . . .	2081	883	1198	1333	597	736	747	286	461	680	251	429

[C] : SPANISH ORIGIN

TOTAL 16+ . . . . .	13193	6537	6656	12757	6328	6429	436	209	227	335	156	179
NO WORK EXPERIENCE . . . . .	4185	1230	2955	4045	1177	2868	140	53	87	119	45	74
WITH WORK EXPERIENCE . . . . .	9008	5307	3701	8712	5151	3561	296	156	140	216	111	106
WORKED FULL-TIME . . . . .	7399	4655	2745	7142	4514	2628	257	140	116	191	101	90
50 - 52 WEEKS . . . . .	5292	3418	1874	5127	3319	1808	164	99	65	126	70	56
40 - 49 WEEKS . . . . .	610	384	226	591	376	214	19	8	12	10	5	6
14 - 39 WEEKS . . . . .	1119	672	448	1068	643	424	52	29	23	40	23	17
1 - 13 WEEKS . . . . .	378	181	197	357	176	181	22	5	16	14	4	10
WORKED PART-TIME . . . . .	1609	652	957	1570	636	933	39	16	23	25	9	16
50 - 52 WEEKS . . . . .	617	235	382	604	229	375	13	5	7	9	3	5
40 - 49 WEEKS . . . . .	154	65	89	150	62	88	3	3	1	2	1	1
14 - 39 WEEKS . . . . .	494	213	282	478	208	270	16	5	11	10	3	6
1 - 13 WEEKS . . . . .	344	140	204	337	137	200	7	3	4	6	2	4
TOTAL 16+ WITH UNEMPLOYMENT . . . . .	1802	1157	646	1719	1104	615	83	52	31	63	40	23
WORKED 50 - 52 WEEKS . . . . .	47	39	8	45	38	8	2	1	0	0	0	0
WORKED LESS THAN 50 WEEKS . . . . .	1539	1003	535	1471	962	508	68	41	27	51	30	20
NO WORK EXPERIENCE . . . . .	217	114	102	203	104	99	14	10	4	13	10	3


TABLE 10 MOBILITY BY SEX, RACE, SPANISH ORIGIN, AND RESIDENCE - MARCH 19  
UNIVERSE: PERSONS  
[A] : [B] MOBILITY

		ALL RACES			WHITE			BLACK AND OTHER			BLACK		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL 'MTR1-REC'		241155	117260	123895	203869	99671	104198	37285	17589	19696	29333	13717	15616
NONMOVERS		194390	93768	100622	165246	80185	85061	29144	13583	15561	23167	10705	12463
MOVERS		42992	21560	21432	35577	17921	17656	7416	3639	3776	5592	2722	2870
NOT IN MIGRATION SAMPLE		3772	1932	1841	3047	1566	1481	726	366	359	573	290	283
TOTAL 'R-GENMOB'		241155	117260	123895	203869	99671	104198	37285	17589	19696	29333	13717	15616
NONMOVERS		194390	93768	100622	165246	80185	85061	29144	13583	15561	23167	10705	12463
MOVERS		42992	21560	21432	35577	17921	17656	7416	3639	3776	5592	2722	2870
NOT IN MIGRATION SAMPLE		3772	1932	1841	3047	1566	1481	726	366	359	573	290	283



# APPENDIX D-1

## Facsimile of Basic Questionnaire

<b>INTERVIEWER CHECK ITEM</b> Intro CPS-1 for household <input type="checkbox"/> First CPS-1 of continuation h'hold <input type="checkbox"/> Second CPS-1 of continuation h'hold <input type="checkbox"/> Third, fourth, and 5th CPS-1 <input type="checkbox"/>	<b>FORM CPS-1</b> <div style="text-align: center;">   <b>U.S. DEPARTMENT OF COMMERCE</b>          Bureau of the Census  <b>CURRENT POPULATION SURVEY</b> </div> <div style="display: flex; justify-content: space-between;"> <span>Form Approved - O.M.B. No. 1220-0100-Expires 2-28-89</span> <span>Formic 26.1:1</span> </div>	<b>CONTROL NUMBER</b> <table border="1" style="width: 100%; height: 80px;"> <tr> <td style="width: 33%; text-align: center;">PSU</td> <td style="width: 33%; text-align: center;">SEGMENT</td> <td style="width: 33%; text-align: center;">SERIAL</td> </tr> </table>			PSU	SEGMENT	SERIAL
PSU	SEGMENT	SERIAL					
<b>LINE NO. OF H'OLD RESP.</b> _____ <b>NOT H'OLD RESPONDENT</b> <input type="checkbox"/> <i>(Assign and Send Intercomm for interviewed household)</i> <hr/> <b>INTERVIEW</b> WHY ENTRY OTHER THAN <input type="checkbox"/> <b>Yes</b> <b>NEVER WORKED IN ITEMS</b> A-E in this CPS-1 <input type="checkbox"/> <b>No</b> <b>NONINTERVIEW</b> TYPE A <input type="checkbox"/> TYPE B <input type="checkbox"/> TYPE C <input type="checkbox"/> <i>(SEND INTER COMM FOR TYPE A AND C)</i>							

CURRENT

POPULATION

SURVEY

MARCH 1988



**CHILDREN'S (0-13 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	18G1. SEX Male ..... 1 Female ..... 2	18K. ORIGIN
	Natural/Adopted Child ..... 05			18J. RACE	
	Step Child ..... 06			White	
	Grandchild ..... 07			Black	
	Brother/Sister ..... 09			Amer. Indian, Aleut, Eskimo	
	Other Rel. of ref. person ..... 10			Asian or Pacific Islander	
	Foster Child ..... 11			Other	
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld. .... 14	None			

SECOND CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male ..... 1 Female ..... 2	18K. ORIGIN
	Natural/Adopted Child ..... 05			18J. RACE	
	Step Child ..... 06			White	
	Grandchild ..... 07			Black	
	Brother/Sister ..... 09			Amer. Indian, Aleut, Eskimo	
	Other Rel. of ref. person ..... 10			Asian or Pacific Islander	
	Foster Child ..... 11			Other	
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld. .... 14	None			

THIRD CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male ..... 1 Female ..... 2	18K. ORIGIN
	Natural/Adopted Child ..... 05			18J. RACE	
	Step Child ..... 06			White	
	Grandchild ..... 07			Black	
	Brother/Sister ..... 09			Amer. Indian, Aleut, Eskimo	
	Other Rel. of ref. person ..... 10			Asian or Pacific Islander	
	Foster Child ..... 11			Other	
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld. .... 14	None			

FOURTH CHILD					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON (Control Card item 14b)	18C. PARENT'S LINE NUMBER	18D. AGE	18G1. SEX Male ..... 1 Female ..... 2	18K. ORIGIN
	Natural/Adopted Child ..... 05			18J. RACE	
	Step Child ..... 06			White	
	Grandchild ..... 07			Black	
	Brother/Sister ..... 09			Amer. Indian, Aleut, Eskimo	
	Other Rel. of ref. person ..... 10			Asian or Pacific Islander	
	Foster Child ..... 11			Other	
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12				
	Non-rel. of Ref. Person with NO OWN rel. in H'hld. .... 14	None			

**ARMED FORCES MEMBERS TRANSCRIPTION ITEMS**  
(Fill only in interview household for persons with "AF" 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	
	Ref. Person WITH rel. in H'hld. .... 01			Married - civilian spouse present	
	Ref. person with NO rel. in H'hld. .... 02			Married - Armed Forces spouse present	
	Husband ..... 03			Married - spouse absent in Armed Forces	
	Wife ..... 04			Married - spouse absent other reasons (Exclude separated)	
	Natural/Adopted Child ..... 05			Widowed	
	Step Child ..... 06			Divorced	
	Grandchild ..... 07			Separated	
	Parent ..... 08			Never married	
	Brother/Sister ..... 09				
	Other rel. of Ref. Person ..... 10				
	Foster Child ..... 11				
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12	None			
	Partner/Roommate ..... 13				
	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hld. .... 14				
18F. SPOUSE'S LINE NO.	18G1. SEX Male ..... 1 Female ..... 2	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED Yes ..... 1 No ..... 2	18J. RACE White ..... 1 Black ..... 2 Amer. Indian, Aleut, Eskimo ..... 3 Asian or Pacific Islander ..... 4 Other ..... 5	18K. ORIGIN

SECOND ARMED FORCES MEMBER					
18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PARENT'S LINE NUMBER	18D. AGE	18E. MARITAL STATUS	
	Ref. Person WITH rel. in H'hld. .... 01			Married - civilian spouse present	
	Ref. person with NO rel. in H'hld. .... 02			Married - Armed Forces spouse present	
	Husband ..... 03			Married - spouse absent in Armed Forces	
	Wife ..... 04			Married - spouse absent other reasons (Exclude separated)	
	Natural/Adopted Child ..... 05			Widowed	
	Step Child ..... 06			Divorced	
	Grandchild ..... 07			Separated	
	Parent ..... 08			Never married	
	Brother/Sister ..... 09				
	Other rel. of Ref. Person ..... 10				
	Foster Child ..... 11				
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12	None			
	Partner/Roommate ..... 13				
	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hld. .... 14				
18F. SPOUSE'S LINE NO.	18G1. SEX Male ..... 1 Female ..... 2	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED Yes ..... 1 No ..... 2	18J. RACE White ..... 1 Black ..... 2 Amer. Indian, Aleut, Eskimo ..... 3 Asian or Pacific Islander ..... 4 Other ..... 5	18K. ORIGIN

MARCH 1988 U.S. Department of Commerce BUREAU OF THE CENSUS				<b>1. INTERVIEWER CHECK ITEM</b> Only CPS-1 for household ..... <input type="checkbox"/> (Fill all applicable items on this page) First CPS-1 of continuation h'ld ..... <input type="checkbox"/> Second CPS-1 of continuation h'ld ..... <input type="checkbox"/> (Transcribe items 1-13 from first CPS-1) Third, fourth, etc. CPS-1 ..... <input type="checkbox"/>		<b>2. SAMPLE</b> A C <input type="checkbox"/> <input type="checkbox"/>		<b>3. CONTROL NUMBER</b> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>											
<b>CURRENT POPULATION SURVEY</b> FORM CPS-1																			
MONTH ..... YEAR ..... <div style="border: 1px solid black; padding: 2px;">           10. INTERVIEWER CODE            A B C D E F G H J K L M            .....            .....            .....         </div>		<b>4. TYPE OF LIVING QUARTERS</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>HOUSING UNIT</b>            House, apartment, flat ..... <input type="checkbox"/>            HU in nontransient hotel, motel, etc. .... <input type="checkbox"/>            HU, permanent, in transient hotel, motel, etc. .... <input type="checkbox"/>            HU in rooming house ..... <input type="checkbox"/>            Mobile home or trailer with no permanent room added ..... <input type="checkbox"/>            Mobile home or trailer with one or more permanent rooms added ..... <input type="checkbox"/>            HU not specified above (Describe below) ..... <input type="checkbox"/> </div> <div style="width: 45%;"> <b>OTHER UNIT</b>            Quarters not HU in rooming or boarding house ..... <input type="checkbox"/>            Unit not permanent in transient hotel, motel, etc. .... <input type="checkbox"/>            Tent site or trailer site ..... <input type="checkbox"/>            Student quarters in college dormitory ..... <input type="checkbox"/>            Other not HU (Describe below) ..... <input type="checkbox"/> </div> </div>		<b>5a. LAND USAGE</b> Urban ..... <input type="checkbox"/> Rural (Fill 5b) ..... <input type="checkbox"/>		<b>6. PSU NO.</b> <div style="border: 1px solid black; padding: 2px;">           .....            .....            .....         </div>		<b>7. SEGMENT NO.</b> <div style="border: 1px solid black; padding: 2px;">           .....            .....            .....         </div>		<b>8. SERIAL NO.</b> <div style="border: 1px solid black; padding: 2px;">           .....            .....            .....         </div>		<b>9. HOUSEHOLD NO.</b> <div style="border: 1px solid black; padding: 2px;">           .....            .....            .....         </div>							
<b>11. DAY COMPLETED</b> S M T W T F S ..... After interview week .....																			
<b>12. LINE NO. OF H'LD RESP.</b> ..... Non h'ld. resp. (Specify) ..... (Send Inter Comm Interviewed Households Only)																			
<b>13. TYPE INTERVIEW</b> Noninterview ..... Personal ..... Tel - regular ..... Tel - callback ..... ICR filled .....		<b>14. (Mark reason and race.)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">REASON</th> <th style="width: 50%;">RACE</th> </tr> <tr> <td>No one home ..... <input type="checkbox"/></td> <td>White ..... <input type="checkbox"/></td> </tr> <tr> <td>Temporarily absent ..... <input type="checkbox"/></td> <td>Black ..... <input type="checkbox"/></td> </tr> <tr> <td>Refused ..... <input type="checkbox"/></td> <td>All other ..... <input type="checkbox"/></td> </tr> <tr> <td>Other - Occ (Describe below) ..... <input type="checkbox"/></td> <td></td> </tr> </table>		REASON	RACE	No one home ..... <input type="checkbox"/>	White ..... <input type="checkbox"/>	Temporarily absent ..... <input type="checkbox"/>	Black ..... <input type="checkbox"/>	Refused ..... <input type="checkbox"/>	All other ..... <input type="checkbox"/>	Other - Occ (Describe below) ..... <input type="checkbox"/>		<b>15.</b> Vacant - regular ..... <input type="checkbox"/> Vacant - storage of h'ld furniture ..... <input type="checkbox"/> (Fill 16) Temp. occ. by persons with URE ..... <input type="checkbox"/> Unfit or to be demolished ..... <input type="checkbox"/> Under construction, not ready ..... <input type="checkbox"/> Converted to temp. business or storage ..... <input type="checkbox"/> Occ. by Armed Force members or persons under 14 ..... <input type="checkbox"/> (Omit 16-17) Unoccupied tent site or trailer site Permit granted, construction not started ..... <input type="checkbox"/> Other (Specify below) ..... <input type="checkbox"/>		<b>16. Demolished</b> ..... <input type="checkbox"/> <b>House or trailer moved</b> ..... <input type="checkbox"/> <b>Outside segment</b> ..... <input type="checkbox"/> <b>Converted to permanent business or storage</b> ..... <input type="checkbox"/> (Omit 16-17) <b>Merged</b> ..... <input type="checkbox"/> <b>Condemned</b> ..... <input type="checkbox"/> <b>Built after April 1, 1980</b> ..... <input type="checkbox"/> <b>Unused line of listing sheet</b> ..... <input type="checkbox"/> <b>Other (Describe below)</b> ..... <input type="checkbox"/>		<b>17. This unit is intended for occupancy:</b> Year round ..... <input type="checkbox"/> (Fill MVS if HU in Item 4) By migratory workers ..... <input type="checkbox"/> (Fill Item 17 below if HU Seasonally ..... <input type="checkbox"/> in Item 4) <b>17. This unit is intended for occupancy:</b> Summers only ..... <input type="checkbox"/> (Transcribe as instructed on back of Control Card) Winters only ..... <input type="checkbox"/> Other (Describe below) ..... <input type="checkbox"/>	
REASON	RACE																		
No one home ..... <input type="checkbox"/>	White ..... <input type="checkbox"/>																		
Temporarily absent ..... <input type="checkbox"/>	Black ..... <input type="checkbox"/>																		
Refused ..... <input type="checkbox"/>	All other ..... <input type="checkbox"/>																		
Other - Occ (Describe below) ..... <input type="checkbox"/>																			
<b>14a. INTERVIEWER CHECK ITEM</b> Telephone Hold (Fill circle for office "telephone hold" cases only)																			
<b>TRANSCRIPTION ITEMS</b> <i>For interviewed households only. (If continuation CPS-1's required, only fill on first CPS-1 each month.)</i>		<b>USE OF TELEPHONE</b> <b>29a. Telephone in Household</b> (Transcribe from C.C. item 27a) Yes ..... (Skip to 29c) No ..... (Fill 29b)		<b>30. NUMBER OF CONTACTS - ACTUAL AND ATTEMPTED</b> (Transcribe from C.C. item 31) Personal ..... Telephone ..... (C.C. items 31 d & e)		<b>HOUSEHOLD ITEMS Fill after basic labor force interview and proceed to CPS-665</b> <b>32a. INTERVIEWER CHECK ITEM</b> (From Control Card item 25) Is Spanish origin (Codes 10 through 17) entered on the Control Card for any person 14+ in this household? Yes ..... (Ask 32b) No ..... (Go to CPS-665)													
<b>27. TENURE</b> (Transcribe from cc item 10) Owned or being bought ..... Rented ..... No cash rent .....		<b>29b. Telephone Available</b> (Transcribe from C.C. item 27b) Yes ..... (Fill 29c) No ..... (Skip to 30)		<b>31. TIME OF INTERVIEW</b> (Mark the time period in which the majority of the labor force interview was obtained or noninterview classification was determined.) Midnight to 6 a.m. ..... 3 to 6 p.m. .... 6 to 9 a.m. .... 6 to 9 p.m. .... 9 a.m. to Noon ..... 9 p.m. to Midnight ..... Noon to 3 p.m. ....		<b>32b. Did (Read name of Reference Person) live at this address during the week of November 19, 1987?</b> Yes ..... (Fill 32c) No ..... (Go to CPS-665)													
<b>28. HOUSEHOLD STATUS CHANGE</b> Is this a replacement household this month? Yes ..... No .....		<b>29c. Telephone Interview Acceptable</b> (Transcribe from C.C. item 27c) Yes ..... No ..... (Fill 30)		<b>32c. INTERVIEWER CHECK ITEM</b> (From Control Card item 25) Is reference person's origin code 10 through 17? Yes ..... (Go to CPS-665) No ..... (Ask 32d)		<b>32d. Display of the following household members live here during the week of November 19, 1987? (Read all household member names with codes 10-17 in cc item 25.)</b> Yes ..... No ..... (Go to CPS-665)													
<b>29. TOTAL FAMILY INCOME</b> Transcribe from cc item 29) A 01 ..... E 05 ..... I 09 ..... M 13 ..... B 02 ..... F 06 ..... J 10 ..... N 14 ..... C 03 ..... G 07 ..... K 11 ..... REF 29 ..... D 04 ..... H 08 ..... L 12 .....				<b>REINTERVIEWER</b> Program supervisor ..... Alternate ..... Supervisory field representative ..... Other .....		<b>CODER NUMBER</b> <div style="border: 1px solid black; padding: 2px;">             .....              .....              .....           </div>													

<b>18. LINE NUMBER</b>  <b>19. What was ... doing most of LAST WEEK -</b> Working <input checked="" type="checkbox"/> Keeping house <input type="checkbox"/> Going to school or something else? <input type="checkbox"/> Working (Ship to 20A) ... WK With a job but not at work ... J Looking for work ... LK Keeping house ... H Going to school ... S Unable to work (Ship to 24) ... U Retired ... R Other (Specify) ... OT	<b>20. Did ... do any work at all LAST WEEK, not counting work around the house?</b> <i>(Note: If farm or business operator in hh., ask about unpaid work.)</i> Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 21) <b>20A. How many hours did ... work LAST WEEK at all jobs?</b> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>20B. INTERVIEWER CHECK ITEM</b> 49 <input type="checkbox"/> (Ship to Item 23) 1-34 <input type="checkbox"/> (Go to 20C) 35-48 <input type="checkbox"/> (Go to 20D) <b>20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> How many hours did ... take off? <i>(Correct 20A if lost time not already deducted, if 20A reduced below 35, correct 20B and fill 20C)</i> No <input type="checkbox"/> 7 <b>20E. Did ... work any overtime or at more than one job LAST WEEK?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> How many extra hours did ... work? <i>(Correct 20A and 20B as necessary if extra hours not already included and ship to 23.)</i> No <input type="checkbox"/> (Skip to 23)	<b>21. (If in 19, ship to 21A.)</b> Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 22) <b>21A. Why was ... absent from work LAST WEEK?</b> Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Bad weather <input type="checkbox"/> Labor dispute <input type="checkbox"/> New job to begin within 30 days <input type="checkbox"/> (Ship to 22B and 22C2) Temporary layoff (Under 30 days) <input type="checkbox"/> Indefinite layoff (30 days or more or no def. recall date) <input type="checkbox"/> (Ship to 22C3) Other (Specify) ... <b>21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>21C. Does ... usually work 35 hours or more a week at this job?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <i>(Ship to 23 and enter job held last week)</i>	<b>22. (If LK in 19, Ship to 22A.)</b> Has ... been looking for work during the past 4 weeks? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 24) <b>22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)</b> Checked pub. employ. agency <input type="checkbox"/> with- pvt. employ. agency <input type="checkbox"/> employer directly <input type="checkbox"/> friends or relatives <input type="checkbox"/> Placed or answered ads. <input type="checkbox"/> Nothing (Ship to 24) <input type="checkbox"/> Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) <input type="checkbox"/> <b>22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason?</b> • Lost job <input type="checkbox"/> • Quit job <input type="checkbox"/> • Left school <input type="checkbox"/> • Wanted temporary work <input type="checkbox"/> • Change in home or family responsibilities <input type="checkbox"/> • Left military service <input type="checkbox"/> • Other (Specify in notes) <input type="checkbox"/> <b>22C. 1) How many weeks has ... been looking for work?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>2) How many weeks ago did ... start looking for work?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>3) How many weeks ago was ... laid off?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>22D. Has ... been looking for full-time or part-time work?</b> Full <input type="checkbox"/> Part <input type="checkbox"/> <b>22E. Could ... have taken a job LAST WEEK if one had been offered?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> Why not? Already has a job <input type="checkbox"/> Temporary illness <input type="checkbox"/> Going to school <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> <b>22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more?</b> Within last 12 months (Specify) ... (Month) _____ One to five years ago <input type="checkbox"/> More than 5 years ago <input type="checkbox"/> Never worked full-time 2 wks or more <input type="checkbox"/> Never worked at all <input type="checkbox"/> <i>(SKIP to 23. If layoff entered in 21A, enter job, either full or part time, from which laid off. Else enter last full time job lasting 2 weeks or more, or "never worked.")</i>	<b>24. INTERVIEWER CHECK ITEM</b> <i>(Rotation number)</i> First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Ship to 26) 1 or 5 (Go to 24A) <b>24A. When did ... last work for pay at a regular job or business, either full- or part-time?</b> Within past 12 months <input type="checkbox"/> 1 up to 2 years ago <input type="checkbox"/> 2 up to 3 years ago <input type="checkbox"/> (Go to 24B) 3 up to 4 years ago <input type="checkbox"/> 4 up to 5 years ago <input type="checkbox"/> 5 or more years ago <input type="checkbox"/> (Ship to 24C) Never worked <input type="checkbox"/> <b>24B. Why did ... leave that job?</b> Personal, family (incl. pregnancy) or school <input type="checkbox"/> Health <input type="checkbox"/> Retirement or old age <input type="checkbox"/> Seasonal job completed <input type="checkbox"/> Slack work or business conditions <input type="checkbox"/> Temporary nonseasonal job completed <input type="checkbox"/> Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/> Other <input type="checkbox"/> <b>24C. Does ... want a regular job now, either full- or part-time?</b> Yes <input type="checkbox"/> (Go to 24D) Maybe - it depends <input type="checkbox"/> (Specify in notes) No <input type="checkbox"/> (Skip to 24E) Don't know <input type="checkbox"/> <b>24D. What are the reasons ... is not looking for work? (Mark each reason mentioned)</b> • Believes no work available in line of work or area <input type="checkbox"/> • Couldn't find any work <input type="checkbox"/> • Lacks nec. schooling, training, skills or experience <input type="checkbox"/> • Employers think too young or too old <input type="checkbox"/> • Other pers. handicap in finding job <input type="checkbox"/> • Can't arrange child care <input type="checkbox"/> • Family responsibilities <input type="checkbox"/> • In school or other training <input type="checkbox"/> • Ill health, physical disability <input type="checkbox"/> • Other (Specify in notes) <input type="checkbox"/> • Don't know <input type="checkbox"/> <b>24E. Does ... intend to look for work of any kind in the next 12 months?</b> Yes <input type="checkbox"/> It depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/> <i>(If entry in 24B, describe job in 23, otherwise, ship to 26)</i>	<b>25. INTERVIEWER CHECK ITEM</b> <i>(Rotation number)</i> First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Ship to 26) 1 or 5 (Go to 25A) <b>25A. How many hours per week does ... USUALLY work at this job?</b> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>25B. Is ... paid by the hour on this job?</b> Yes <input type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Ship to 25D) <b>25C. How much does ... earn per hour?</b> Dollars <input type="text"/> Cents <input type="text"/> (Ask 25D) REF <input type="checkbox"/> <b>25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received.</b> Dollars <input type="text"/> Cents <input type="text"/> REF <input type="checkbox"/> <b>25E. On this job, is ... a member of a labor union or of an employee association similar to a union?</b> Yes <input type="checkbox"/> (Ship to 26) No <input type="checkbox"/> (Ask 25F) <b>25F. On this job, is ... covered by a union or employee association contract?</b> Yes <input type="checkbox"/> (Go to 26) No <input type="checkbox"/>			
<b>23. DESCRIPTION OF JOB OR BUSINESS</b> <b>23A. For whom did ... work? (Name of company, business, organization or other employer.)</b> <b>23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., farm.)</b> <b>23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)</b> <b>23D. What were ...'s most important activities or duties at this job? (For example: types, keeps account books, files, sells cars, operates printing press, finishes concrete.)</b>						<b>23E. Was this person</b> An employee of a PRIVATE Co., bus., or individual for wages, salary or comm. ... P <input type="checkbox"/> A FEDERAL government employee ... F <input type="checkbox"/> (Go to 23F) A STATE government employee ... S <input type="checkbox"/> A LOCAL government employee ... L <input type="checkbox"/> Self-empl. in OWN bus., prof. practice, or farm <input type="checkbox"/> Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/> SE <input type="checkbox"/> Working WITHOUT PAY in farm, bus. or farm WP <input type="checkbox"/> NEVER WORKED ... NEV <input type="checkbox"/> (Ship to 26)		<b>23F. INTERVIEWER CHECK ITEM</b> Entry (or NA) in item 20A <input type="checkbox"/> (Go to 25 at top of page) Entry (or NA) in item 21B <input type="checkbox"/> All other cases <input type="checkbox"/> (Ship to 26)

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX Male <input checked="" type="checkbox"/> 1 Female <input checked="" type="checkbox"/> 2	18G2. VETERAN STATUS <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19 <input type="checkbox"/> 20 <input type="checkbox"/> 21 <input type="checkbox"/> 22 <input type="checkbox"/> 23 <input type="checkbox"/> 24 <input type="checkbox"/> 25 <input type="checkbox"/> 26 <input type="checkbox"/> 27 <input type="checkbox"/> 28 <input type="checkbox"/> 29 <input type="checkbox"/> 30 <input type="checkbox"/> 31 <input type="checkbox"/> 32 <input type="checkbox"/> 33 <input type="checkbox"/> 34 <input type="checkbox"/> 35 <input type="checkbox"/> 36 <input type="checkbox"/> 37 <input type="checkbox"/> 38 <input type="checkbox"/> 39 <input type="checkbox"/> 40 <input type="checkbox"/> 41 <input type="checkbox"/> 42 <input type="checkbox"/> 43 <input type="checkbox"/> 44 <input type="checkbox"/> 45 <input type="checkbox"/> 46 <input type="checkbox"/> 47 <input type="checkbox"/> 48 <input type="checkbox"/> 49 <input type="checkbox"/> 50 <input type="checkbox"/> 51 <input type="checkbox"/> 52 <input type="checkbox"/> 53 <input type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56 <input type="checkbox"/> 57 <input type="checkbox"/> 58 <input type="checkbox"/> 59 <input type="checkbox"/> 60 <input type="checkbox"/> 61 <input type="checkbox"/> 62 <input type="checkbox"/> 63 <input type="checkbox"/> 64 <input type="checkbox"/> 65 <input type="checkbox"/> 66 <input type="checkbox"/> 67 <input type="checkbox"/> 68 <input type="checkbox"/> 69 <input type="checkbox"/> 70 <input type="checkbox"/> 71 <input type="checkbox"/> 72 <input type="checkbox"/> 73 <input type="checkbox"/> 74 <input type="checkbox"/> 75 <input type="checkbox"/> 76 <input type="checkbox"/> 77 <input type="checkbox"/> 78 <input type="checkbox"/> 79 <input type="checkbox"/> 80 <input type="checkbox"/> 81 <input type="checkbox"/> 82 <input type="checkbox"/> 83 <input type="checkbox"/> 84 <input type="checkbox"/> 85 <input type="checkbox"/> 86 <input type="checkbox"/> 87 <input type="checkbox"/> 88 <input type="checkbox"/> 89 <input type="checkbox"/> 90 <input type="checkbox"/> 91 <input type="checkbox"/> 92 <input type="checkbox"/> 93 <input type="checkbox"/> 94 <input type="checkbox"/> 95 <input type="checkbox"/> 96 <input type="checkbox"/> 97 <input type="checkbox"/> 98 <input type="checkbox"/> 99 <input type="checkbox"/> 100	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
	Ref. Person WITH rel. in H'hld. .... 01 <input type="checkbox"/>			Married—civilian spouse present <input type="checkbox"/>					White. .... 1 <input type="checkbox"/>		
	Ref. person with NO rel. in H'hld. .... 02 <input type="checkbox"/>			Married—Armed Forces spouse present <input type="checkbox"/>					Black. .... 2 <input type="checkbox"/>		
	Husband. .... 03 <input type="checkbox"/>			Married—spouse absent in Armed Forces <input type="checkbox"/>					Amer. Indian, Aleut, Eskimo. .... 3 <input type="checkbox"/>		
	Wife. .... 04 <input type="checkbox"/>			Married—spouse absent other reasons (Exclude separated). .... <input type="checkbox"/>					Asian or Pacific Isl. .... 4 <input type="checkbox"/>		
	Natural/Adopted Child. .... 05 <input type="checkbox"/>			Widowed. .... <input type="checkbox"/>					Other. .... 5 <input type="checkbox"/>		
	Step Child. .... 06 <input type="checkbox"/>			Divorced. .... <input type="checkbox"/>							
	Grandchild. .... 07 <input type="checkbox"/>			Separated. .... <input type="checkbox"/>							
	Parent. .... 08 <input type="checkbox"/>			Never married. .... <input type="checkbox"/>							
	Brother/Sister. .... 09 <input type="checkbox"/>										
	Other Rel. of Ref. Person. .... 10 <input type="checkbox"/>										
	Foster Child. .... 11 <input type="checkbox"/>										
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12 <input type="checkbox"/>										
	Partner/Roommate. .... 13 <input type="checkbox"/>										
	Non-rel. of Ref. Person (other than partner/roommate) with NO OWN rel. in H'hld. .... 14 <input type="checkbox"/>										

24. INTERVIEWER CHECK ITEM  
(Transcribe from control card item 18)

This person is  
16–24 years of age ☐ (Ask 26A)  
All others ☐ (Skip to 26C)

25. (If 'School' in 19, Verify) LAST WEEK was attending or enrolled in a high school, college, or university? (Mark "Yes" if currently on holiday or seasonal vacation. Mark "No" for summer vacation)

Yes ☐ (Verify) No ☒ (Skip to 26C)

High School ☐ (Ask 26B)  
College or Univ. ☐

26. Is ... enrolled in school as a full-time or part-time student?

Full time ☐ (Ask 26C)  
Part time ☐

26. INTERVIEWER CHECK ITEM  
Who responded to the labor force items for this person?

Self ☐  
Other ☐  
Self/Other ☒

18L. SOCIAL SECURITY NUMBER  
(Transcribe from CC Item 26a)

☐ None

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☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 0

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☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 0

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 0

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 0

☐ 1 ☐ 2 ☐ 3 ☐ 4

<b>18. LINE NUMBER</b>  19. What was ... doing most of LAST WEEK - Working <input checked="" type="checkbox"/> Keeping house <input type="checkbox"/> Going to school or something else? <input type="checkbox"/>  Working (Skip to 20A) ... WK With a job but not at work ... J Looking for work ... LK Keeping house ... H Going to school ... S Unable to work (Skip to 24) ... U Retired ... R Other (Specify) ... OT	20. Did ... do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator in hh., ask about unpaid work.) Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 21)  20A. How many hours did ... work LAST WEEK at all jobs? 20B. INTERVIEWER CHECK ITEM 49 (Skip to item 23) 1-34 (Go to 20C) 35-48 (Go to 20D)  20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work? Yes <input type="checkbox"/> How many hours did ... take off? (Correct 20A if last time not already deducted; if 20A reduced below 35, correct 20B and fill 20C) No <input checked="" type="checkbox"/>  20E. Did ... work any overtime or at more than one job LAST WEEK? Yes <input type="checkbox"/> How many extra hours did ... work? (Correct 20A and 20B as necessary if extra hours not already included and skip to 23) No <input checked="" type="checkbox"/> (Skip to 23)	21. (If 1 in 19, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 22)  21A. Why was ... absent from work LAST WEEK? Own illness ... <input type="checkbox"/> On vacation ... <input type="checkbox"/> Bad weather ... <input type="checkbox"/> Labor dispute ... <input type="checkbox"/> New job to begin within 30 days (Skip to 22B and 22C2) <input type="checkbox"/> Temporary layoff (Under 30 days) <input type="checkbox"/> Indefinite layoff (30 days or more or no def. recall date) (Skip to 22C3) <input type="checkbox"/> Other (Specify) ... <input type="checkbox"/>  21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/>  21C. Does ... usually work 35 hours or more a week at this job? Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 23 and enter job held last week)	22. (If LK in 19, skip to 22A.) Has ... been looking for work during the past 4 weeks? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 24)  22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.) Checked pub. emp. agency <input type="checkbox"/> with- pvt. emp. agency <input type="checkbox"/> employer directly <input type="checkbox"/> friends or relatives <input type="checkbox"/> Placed or answered ads. <input type="checkbox"/> Nothing (Skip to 24) <input type="checkbox"/> Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) <input type="checkbox"/>  22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason? Lost job <input type="checkbox"/> Quit job <input type="checkbox"/> Left school <input type="checkbox"/> Wanted temporary work <input type="checkbox"/> Change in home or family responsibilities <input type="checkbox"/> Left military service <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/>  22C. 1) How many weeks has ... been looking for work? 2) How many weeks ago did ... start looking for work? 3) How many weeks ago was ... laid off?  22D. Has ... been looking for full-time or part-time work? Full <input type="checkbox"/> Part <input checked="" type="checkbox"/>  22E. Could ... have taken a job LAST WEEK if one had been offered? Yes <input type="checkbox"/> No <input type="checkbox"/> Why not? Already has a job <input type="checkbox"/> Temporary illness <input type="checkbox"/> Going to school <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/>  22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) (Month) <input type="checkbox"/> One to five years ago <input type="checkbox"/> More than 5 years ago <input type="checkbox"/> Never worked full-time 2 wks. or more <input type="checkbox"/> Never worked at all <input type="checkbox"/> (SKIP to 23. If layoff entered in 21A, enter job, either full or part time, from which laid off. Else enter last full time job lasting 2 weeks or more, or "never worked.")	<b>24. INTERVIEWER CHECK ITEM</b> (Rotation number) First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Skip to 26) 1 or 5 (Go to 24A)  24A. When did ... last work for pay at a regular job or business, either full- or part-time? Within past 12 months <input type="checkbox"/> 1 up to 2 years ago <input type="checkbox"/> 2 up to 3 years ago <input type="checkbox"/> (Go to 24B) 3 up to 4 years ago <input type="checkbox"/> 4 up to 5 years ago <input type="checkbox"/> 5 or more years ago <input type="checkbox"/> (Skip to 24C) Never worked <input type="checkbox"/>  24B. Why did ... leave that job? Personal, family (incl. pregnancy) or school <input type="checkbox"/> Health <input type="checkbox"/> Retirement or old age <input type="checkbox"/> Seasonal job completed <input type="checkbox"/> Slack work or business conditions <input type="checkbox"/> Temporary nonseasonal job completed <input type="checkbox"/> Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/> Other <input type="checkbox"/>  24C. Does ... want a regular job now, either full- or part-time? Yes <input type="checkbox"/> (Go to 24D) Maybe - it depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> (Skip to 24E) Don't know <input type="checkbox"/>  24D. What are the reasons ... is not looking for work? (Mark each reason mentioned) Believes no work available in line of work or area <input type="checkbox"/> Couldn't find any work <input type="checkbox"/> Lacks nec. schooling, training, skills or experience <input type="checkbox"/> Employers think too young or too old <input type="checkbox"/> Other pers. handicap in finding job <input type="checkbox"/> Can't arrange child care <input type="checkbox"/> Family responsibilities <input type="checkbox"/> In school or other training <input type="checkbox"/> Ill health, physical disability <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> Don't know <input type="checkbox"/>  24E. Does ... intend to look for work of any kind in the next 12 months? Yes <input type="checkbox"/> It depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/> (If entry in 24B, describe job in 23, otherwise, skip to 26)	<b>25. INTERVIEWER CHECK ITEM</b> (Rotation number) First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Skip to 26) 1 or 5 (Go to 25A)  25A. How many hours per week does ... USUALLY work at this job?  25B. Is ... paid by the hour on this job? Yes <input type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Skip to 25D)  25C. How much does ... USUALLY earn per hour? Dollars Cents \$ <input type="text"/> <input type="text"/> (Ask 25D) REF <input type="checkbox"/>  25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received. \$ <input type="text"/> REF <input type="checkbox"/>  25E. On this job, is ... a member of a labor union or of an employee association similar to a union? Yes <input type="checkbox"/> (Skip to 26) No <input type="checkbox"/> (Ask 25F)  25F. On this job, is ... covered by a union or employee association contract? Yes <input type="checkbox"/> (Go to 26) No <input type="checkbox"/>			
<b>23. DESCRIPTION OF JOB OR BUSINESS</b> 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 a PRIVATE Co., bus., or individual for wages, salary or comm. ... P <input type="checkbox"/> A FEDERAL government employee ... F <input type="checkbox"/> (Go to 23F) A STATE government employee ... S <input type="checkbox"/> A LOCAL government employee ... L <input type="checkbox"/> Self-empl. in OWN bus., prof. practice, or farm <input checked="" type="checkbox"/> Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/> SE <input type="checkbox"/> Working WITHOUT PAY in farm, bus. or farm ... WP <input type="checkbox"/> (Skip to 26) NEVER WORKED ... NEV <input type="checkbox"/>		23F. INTERVIEWER CHECK ITEM Entry (or NA) in item 20A <input type="checkbox"/> (Go to 25 at top of page) Entry (or NA) in item 21B <input type="checkbox"/> All other cases (Skip to 26)	

[illegible]

<b>2. LINE NUMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	<b>20. Did ... do any work at all LAST WEEK, not counting work around the house?</b> <i>(Note: If farm or business operator in hlt., ask about unpaid work.)</i> Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 21) <b>20A. How many hours did ... work LAST WEEK at all jobs?</b> 0 1 2 3 4 5 6 7 8 9 <b>20B. INTERVIEWER CHECK ITEM</b> 49 (Skip to item 23) 1-34 (Go to 20C) 35-48 (Go to 20D) <b>20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?</b> Yes <input type="checkbox"/> How many hours did ... take off? <i>(Correct 20A if last time not already deducted; if 20A reduced below 35, correct 20B and fill 20C)</i> No <input type="checkbox"/> <b>20E. Did ... work any overtime or at more than one job LAST WEEK?</b> Yes <input type="checkbox"/> How many extra hours did ... work? <i>(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)</i> No <input type="checkbox"/> (Skip to 23) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>INDUSTRY</th> <th>OCCUPATION</th> </tr> <tr> <td>0</td> <td></td> </tr> <tr> <td>F</td> <td></td> </tr> <tr> <td>F</td> <td></td> </tr> <tr> <td>I</td> <td></td> </tr> <tr> <td>C</td> <td></td> </tr> <tr> <td>E</td> <td></td> </tr> <tr> <td>U</td> <td></td> </tr> <tr> <td>S</td> <td></td> </tr> <tr> <td>E</td> <td></td> </tr> <tr> <td>O</td> <td></td> </tr> <tr> <td>N</td> <td></td> </tr> <tr> <td>L</td> <td></td> </tr> <tr> <td>Y</td> <td></td> </tr> <tr> <td>Ref.</td> <td></td> </tr> <tr> <td>Unc.</td> <td></td> </tr> </table>	INDUSTRY	OCCUPATION	0		F		F		I		C		E		U		S		E		O		N		L		Y		Ref.		Unc.		<b>21. (H / In 19, skip to 21A.)</b> Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 22) <b>21A. Why was ... absent from work LAST WEEK?</b> Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Bad weather <input type="checkbox"/> Labor dispute <input type="checkbox"/> New job to begin within 30 days <input type="checkbox"/> (Skip to 22B and 22C2) Temporary layoff (Under 30 days) <input type="checkbox"/> Indefinite layoff (30 days or more or no def. recall date) <input type="checkbox"/> (Skip to 22C3) Other (Specify) ... <b>21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>21C. Does ... usually work 35 hours or more a week at this job?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 23 and enter job held last week)	<b>22. (H LK in 19, skip to 22A.)</b> Has ... been looking for work during the past 4 weeks? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 24) <b>22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)</b> Checked pub. employ. agency <input type="checkbox"/> with- pvt. employ. agency <input type="checkbox"/> employer directly <input type="checkbox"/> friends or relatives <input type="checkbox"/> Placed or answered ads. <input type="checkbox"/> Nothing (Skip to 24) <input type="checkbox"/> Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) <input type="checkbox"/> <b>22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason?</b> Lost job <input type="checkbox"/> Quit job <input type="checkbox"/> Left school <input type="checkbox"/> Wanted temporary work <input type="checkbox"/> Change in home or family responsibilities <input type="checkbox"/> Left military service <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> <b>22C. 1) How many weeks has ... been looking for work?</b> 0 1 2 3 4 5 6 7 8 9 <b>2) How many weeks ago did ... start looking for work?</b> 0 1 2 3 4 5 6 7 8 9 <b>3) How many weeks ago was ... laid off?</b> 0 1 2 3 4 5 6 7 8 9 <b>22D. Has ... been looking for full-time or part-time work?</b> Full <input type="checkbox"/> Part <input type="checkbox"/> <b>22E. Could ... have taken a job LAST WEEK if one had been offered?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> Why not? Already has a job <input type="checkbox"/> Temporary illness <input type="checkbox"/> Going to school <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> <b>22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more?</b> Within last 12 months (Specify) ... (Month) _____ One to five years ago <input type="checkbox"/> More than 5 years ago <input type="checkbox"/> Never worked full-time 2 wks. or more <input type="checkbox"/> Never worked at all <input type="checkbox"/> <i>(SKIP to 23. If layoff entered in 21A, enter job, either full or part time, from which laid off. Else enter last full time job lasting 2 weeks or more, or "never worked.")</i>	<b>24. INTERVIEWER CHECK ITEM</b> <i>(Rotation number)</i> First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Skip to 26) 1 or 5 (Go to 24A) <b>24A. When did ... last work for pay at a regular job or business, either full- or part-time?</b> Within past 12 months <input type="checkbox"/> 1 up to 2 years ago <input type="checkbox"/> 2 up to 3 years ago <input type="checkbox"/> (Go to 24B) 3 up to 4 years ago <input type="checkbox"/> 4 up to 5 years ago <input type="checkbox"/> 5 or more years ago <input type="checkbox"/> (Skip to 24C) Never worked <input type="checkbox"/> <b>24B. Why did ... leave that job?</b> Personal, family (incl. pregnancy) or school <input type="checkbox"/> Health <input type="checkbox"/> Retirement or old age <input type="checkbox"/> Seasonal job completed <input type="checkbox"/> Slack work or business conditions <input type="checkbox"/> Temporary nonseasonal job completed <input type="checkbox"/> Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/> Other <input type="checkbox"/> <b>24C. Does ... want a regular job now, either full- or part-time?</b> Yes <input type="checkbox"/> (Go to 24D) Maybe - it depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> (Skip to 24E) Don't know <input type="checkbox"/> <b>24D. What are the reasons ... is not looking for work? (Mark each reason mentioned)</b> Believes no work available in line of work or area <input type="checkbox"/> Couldn't find any work <input type="checkbox"/> Lacks nec. schooling, training, skills or experience <input type="checkbox"/> Employers think too young or too old <input type="checkbox"/> Other pers. handicap in finding job <input type="checkbox"/> Can't arrange child care <input type="checkbox"/> Family responsibilities <input type="checkbox"/> In school or other training <input type="checkbox"/> Ill health, physical disability <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> Don't know <input type="checkbox"/> <b>24E. Does ... intend to look for work of any kind in the next 12 months?</b> Yes <input type="checkbox"/> It depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/> <i>(If entry in 24B, describe job in 23, otherwise, skip to 26)</i>	<b>25. INTERVIEWER CHECK ITEM</b> <i>(Rotation number)</i> First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Skip to 26) 1 or 5 (Go to 25A) <b>25A. How many hours per week does ... USUALLY work at this job?</b> 0 1 2 3 4 5 6 7 8 9 <b>25B. Is ... paid by the hour on this job?</b> Yes <input type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Skip to 25D) <b>25C. How much does ... earn per hour?</b> Dollars Cents \$ _____ <b>25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received.</b> \$ _____ <b>25E. On this job, is ... a member of a labor union or of an employee association similar to a union?</b> Yes <input type="checkbox"/> (Skip to 26) No <input type="checkbox"/> (Ask 25F) <b>25F. On this job, is ... covered by a union or employee association contract?</b> Yes <input type="checkbox"/> (Go to 26) No <input type="checkbox"/>
INDUSTRY	OCCUPATION																																				
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<b>DESCRIPTION OF JOB OR BUSINESS</b> <b>23A. For whom did ... work? (Name of company, business, organization or other employer.)</b> _____ <b>23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept., farm.)</b> _____ <b>23C. What kind of work was ... doing? (For example: electrical engineer, stock clerk, typist, farmer.)</b> _____ <b>23D. What were ...'s most important activities or duties at this job? (For example: types, keeps account books, files, sells cars, operates printing press, finishes concrete.)</b> _____					<b>23E. Was this person</b> An employee of a PRIVATE Co., bus. or individual for wages, salary or comm. ... P <input type="checkbox"/> A FEDERAL government employee ... F <input type="checkbox"/> (Go to 23F) A STATE government employee ... S <input type="checkbox"/> A LOCAL government employee ... L <input type="checkbox"/> Self-empl. in OWN bus., prof. practice, or farm <input type="checkbox"/> Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/> SE <input type="checkbox"/> Working WITHOUT PAY in fam. bus. or farm ... WP <input type="checkbox"/> (Skip to 26) NEVER WORKED ... NEV <input type="checkbox"/>	<b>23F. INTERVIEWER CHECK ITEM</b> Entry (or NA) in item 20A <input type="checkbox"/> (Go to 25 at top of page) Entry (or NA) in item 21B <input type="checkbox"/> All other cases <input type="checkbox"/> (Skip to 26)																															

18A. AGE	18B. RELATIONSHIP TO REFERENCE PERSON		18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
							Male <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Female <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				
	Ref. Person WITH rel. in H'hld. .... 01 <input type="checkbox"/>				Married—civilian spouse present <input type="checkbox"/>		18G2. VETERAN STATUS		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	White ..... 1 <input type="checkbox"/> Black ..... 2 <input type="checkbox"/> Amer. Indian, Aleut, Eskimo ..... 3 <input type="checkbox"/> Asian or Pacific Isl ..... 4 <input type="checkbox"/> Other ..... 5 <input type="checkbox"/>	
	Ref. person with NO rel. in H'hld. .... 02 <input type="checkbox"/>				Married—Armed Forces spouse present <input type="checkbox"/>						
	Husband ..... 03 <input type="checkbox"/>				Married—spouse absent in Armed Forces <input type="checkbox"/>		Vietnam Era ..... 1 <input type="checkbox"/> Korean War ..... 2 <input type="checkbox"/> World War II ..... 3 <input type="checkbox"/> World War I ..... 4 <input type="checkbox"/> Other Service ..... 5 <input type="checkbox"/> Nonveteran ..... 6 <input type="checkbox"/>				
	Wife ..... 04 <input type="checkbox"/>				Married—spouse absent other reasons (Exclude separated) ..... <input type="checkbox"/>						
	Natural/Adopted Child ..... 05 <input type="checkbox"/>				Widowed ..... <input type="checkbox"/>						
	Step Child ..... 06 <input type="checkbox"/>				Divorced ..... <input type="checkbox"/>						
	Grandchild ..... 07 <input type="checkbox"/>				Separated ..... <input type="checkbox"/>						
	Parent ..... 08 <input type="checkbox"/>				Never married ..... <input type="checkbox"/>						
	Brother/Sister ..... 09 <input type="checkbox"/>										
	Other Rel. of Ref. Person ..... 10 <input type="checkbox"/>										
	Foster Child ..... 11 <input type="checkbox"/>										
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12 <input type="checkbox"/>										
	Partner/Roommate ..... 13 <input type="checkbox"/>										
	Non-rel. of Ref. Person (other than partner/ roommate) with NO OWN rel. in H'hld. .... 14 <input type="checkbox"/>										

**2. INTERVIEWER CHECK ITEM**  
(Transcribe from control card item 18)

This person is  
16–24 years of age ☐ (Ask 26A)  
All others ☐ (Skip to 26C)

26k. (If 'School' in 19, Verify) LAST WEEK was ...  
attending or enrolled in a high school, college, or  
university? (Mark "Yes" if currently on holiday or  
seasonal vacation. Mark "No" for summer vacation.)  
Yes ☐ (Verify) No ☒ (Skip to 26C)

High School ☐ (Ask 26B) ☒  
College or Univ. ☐

26l. Is ... enrolled in school as a full-time  
or part-time student?  
Full time ☐ (Ask 26C)  
Part time ☐

**26. INTERVIEWER CHECK ITEM**  
Who responded to the labor force items  
for this person?  
Self ☐ ☒  
Other ☐  
Self/Other ☐

**18L. SOCIAL SECURITY NUMBER**  
(Transcribe from cc item 26a)

☐ None

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



<b>LINE NUMBER</b> 18. What was ... doing most of LAST WEEK - Working <input type="checkbox"/> Keeping house <input type="checkbox"/> Going to school or something else? <input type="checkbox"/> Working (Skip to 20A) ... WK <input type="checkbox"/> With a job but not at work ... J <input type="checkbox"/> Looking for work ... LK <input type="checkbox"/> Keeping house ... H <input type="checkbox"/> Going to school ... S <input type="checkbox"/> Unable to work (Skip to 24) ... U <input type="checkbox"/> Retired ... R <input type="checkbox"/> Other (Specify) ... OT <input type="checkbox"/>	20. Did ... do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator in h.h., ask about unpaid work.) Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 21) 20A. How many hours did ... work LAST WEEK at all jobs? <input type="checkbox"/> 20B. INTERVIEWER CHECK ITEM 49 (Skip to Item 23) <input type="checkbox"/> 1-34 (Go to 20C) <input type="checkbox"/> 35-48 (Go to 20D) <input type="checkbox"/> 20D. Did ... lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work? Yes <input type="checkbox"/> How many hours did ... take off? <input type="checkbox"/> (Correct 20A if lost time not already deducted; if 20A reduced below 35, correct 20B and fill 20C) No <input type="checkbox"/> 20E. Did ... work any overtime or at more than one job LAST WEEK? Yes <input type="checkbox"/> How many extra hours did ... work? <input type="checkbox"/> (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No <input type="checkbox"/> (Skip to 23)	21. (If J in 18, skip to 21A.) Did ... have a job or business from which he/she was temporarily absent or on layoff LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 22) 21A. Why was ... absent from work LAST WEEK? Own illness <input type="checkbox"/> On vacation <input type="checkbox"/> Bad weather <input type="checkbox"/> Labor dispute <input type="checkbox"/> New job to begin within 30 days (Skip to 22B and 22C2) <input type="checkbox"/> Temporary layoff (Under 30 days) (Skip to 22C2) <input type="checkbox"/> Indefinite layoff (30 days or more or no def. recall date) (Skip to 22C2) <input type="checkbox"/> Other (Specify) ... <input type="checkbox"/> 21B. Is ... receiving wages or salary from his/her employer for any of the time off LAST WEEK? Yes <input type="checkbox"/> No <input type="checkbox"/> 21C. Does ... usually work 35 hours or more a week at this job? Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 23 and enter job held last week)	22. (If LK in 18, skip to 22A.) Has ... been looking for work during the past 4 weeks? Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 24) 22A. What has ... been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.) Checked pub. employ. agency with- - part. employ. agency <input type="checkbox"/> - employer directly <input type="checkbox"/> - friends or relatives <input type="checkbox"/> Placed or answered ads. <input type="checkbox"/> Nothing (Skip to 24) <input type="checkbox"/> Other (Specify in notes, e.g., JTPA, union or prof. register, etc.) <input type="checkbox"/> 22B. At the time ... started looking for work, was it because he/she lost or quit a job or was there some other reason? • Lost job <input type="checkbox"/> • Quit job <input type="checkbox"/> • Left school <input type="checkbox"/> • Wanted temporary work <input type="checkbox"/> • Change in home or family responsibilities <input type="checkbox"/> • Left military service <input type="checkbox"/> • Other (Specify in notes) ... <input type="checkbox"/> 22C. 1) How many weeks has ... been looking for work? <input type="checkbox"/> 2) How many weeks ago did ... start looking for work? <input type="checkbox"/> 3) How many weeks ago was ... laid off? <input type="checkbox"/> 22D. Has ... been looking for full-time or part-time work? Full <input type="checkbox"/> Part <input type="checkbox"/> 22E. Could ... have taken a job LAST WEEK if one had been offered? Yes <input type="checkbox"/> No <input type="checkbox"/> Why not? Already has a job <input type="checkbox"/> Temporary illness <input type="checkbox"/> Going to school <input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/> 22F. When did ... last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) (Month) <input type="checkbox"/> One to five years ago <input type="checkbox"/> More than 5 years ago <input type="checkbox"/> Never worked full-time 2 wks. or more <input type="checkbox"/> Never worked at all <input type="checkbox"/> (SKIP to 23. If layoff entered in 21A, enter job, either full or part time, from which laid off. Else enter last full time job lasting 2 weeks or more, or "never worked.")	24. INTERVIEWER CHECK ITEM (Rotation number) First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Skip to 26) 1 or 5 (Go to 24A) 24A. When did ... last work for pay at a regular job or business, either full- or part-time? Within past 12 months <input type="checkbox"/> 1 up to 2 years ago <input type="checkbox"/> (Go to 24B) 2 up to 3 years ago <input type="checkbox"/> 3 up to 4 years ago <input type="checkbox"/> 4 up to 5 years ago <input type="checkbox"/> 5 or more years ago <input type="checkbox"/> (Skip to 24C) Never worked <input type="checkbox"/> 24B. Why did ... leave that job? Personal, family (incl. pregnancy) or school <input type="checkbox"/> Health <input type="checkbox"/> Retirement or old age <input type="checkbox"/> Seasonal job completed <input type="checkbox"/> Slack work or business conditions <input type="checkbox"/> Temporary nonseasonal job completed <input type="checkbox"/> Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/> Other <input type="checkbox"/> 24C. Does ... want a regular job now, either full- or part-time? Yes <input type="checkbox"/> (Go to 24D) Maybe - it depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> (Skip to 24E) Don't know <input type="checkbox"/> 24D. What are the reasons ... is not looking for work? (Mark each reason mentioned) • Believes no work available in line of work or area <input type="checkbox"/> • Couldn't find any work <input type="checkbox"/> • Lacks nec. schooling, training, skills or experience <input type="checkbox"/> • Employers think too young or too old <input type="checkbox"/> • Other pers. handicap in finding job <input type="checkbox"/> • Can't arrange child care <input type="checkbox"/> • Family responsibilities <input type="checkbox"/> • In school or other training <input type="checkbox"/> • Ill health, physical disability <input type="checkbox"/> • Other (Specify in notes) <input type="checkbox"/> • Don't know <input type="checkbox"/> 24E. Does ... intend to look for work of any kind in the next 12 months? Yes <input type="checkbox"/> It depends (Specify in notes) <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/> (If entry in 24B, describe job in 23, otherwise, skip to 26)	25. INTERVIEWER CHECK ITEM (Rotation number) First digit of SEGMENT number is: 0 2, 3, 4, 6, 7 or 8 (Skip to 26) 1 or 5 (Go to 25A) 25A. How many hours per week does ... USUALLY work at this job? <input type="checkbox"/> 25B. Is ... paid by the hour on this job? Yes <input type="checkbox"/> (Go to 25C) No <input type="checkbox"/> (Skip to 25D) 25C. How much does ... earn per hour? Dollars Cents <input type="checkbox"/> (Ask 25D) REF <input type="checkbox"/> 25D. How much does ... USUALLY earn per week at this job BEFORE deductions? Include any overtime pay, commissions, or tips usually received. <input type="checkbox"/> (Ask 25E) REF <input type="checkbox"/> 25E. On this job, is ... a member of a labor union or of an employee association similar to a union? Yes <input type="checkbox"/> (Skip to 26) No <input type="checkbox"/> (Ask 25F) 25F. On this job, is ... covered by a union or employee association contract? Yes <input type="checkbox"/> (Go to 26) No <input type="checkbox"/>	
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 a PRIVATE Co., bus., or individual for wages, salary or comm. ... P <input type="checkbox"/> A FEDERAL government employee ... F <input type="checkbox"/> (Go to 23F) A STATE government employee ... S <input type="checkbox"/> A LOCAL government employee ... L <input type="checkbox"/> Self-empl. in OWN bus., prof. practice, or farm Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/> SE <input type="checkbox"/> (Skip to 26) Working WITHOUT PAY in farm bus. or farm ... WP <input type="checkbox"/> NEVER WORKED ... NEV <input type="checkbox"/>	23F. INTERVIEWER CHECK ITEM Entry (or NA) in item 20A <input type="checkbox"/> (Go to 25 at top of page) Entry (or NA) in item 21B <input type="checkbox"/> All other cases <input type="checkbox"/> (Skip to 26)

18A. LINE NO.	18B. RELATIONSHIP TO REFERENCE PERSON	18C. PAR'S LINE NO.	18D. AGE	18E. MARITAL STATUS	18F. SPOUSE'S LINE NUMBER	18G1. SEX	18H. HIGHEST GRADE ATTENDED	18I. GRADE COMPLETED	18J. RACE	18K. ORIGIN
						Male <input type="checkbox"/> Female <input checked="" type="checkbox"/>				
	Ref. Person WITH rel. in H'hld. .... 01 <input type="checkbox"/>			Married—civilian spouse present <input type="checkbox"/>					White. .... <input type="checkbox"/>	
	Ref. person with NO rel. in H'hld. .... 02 <input type="checkbox"/>			Married—Armed Forces spouse present <input type="checkbox"/>				Yes <input type="checkbox"/>	Black. .... <input type="checkbox"/>	
	Husband. .... 03 <input type="checkbox"/>			Married—spouse absent in Armed Forces <input type="checkbox"/>				No <input type="checkbox"/>	Amer. Indian, Aleut Eskimo <input type="checkbox"/>	
	Wife. .... 04 <input type="checkbox"/>			Married—spouse absent other reasons (Exclude separated) <input type="checkbox"/>					Asian or Pacific Isl. .... <input type="checkbox"/>	
	Natural/Adopted Child. .... 05 <input type="checkbox"/>			Widowed. .... <input type="checkbox"/>					Other. .... <input type="checkbox"/>	
	Step Child. .... 06 <input type="checkbox"/>			Divorced. .... <input type="checkbox"/>						
	Grandchild. .... 07 <input type="checkbox"/>			Separated. .... <input type="checkbox"/>						
	Parent. .... 08 <input type="checkbox"/>			Never married. .... <input type="checkbox"/>						
	Brother/Sister. .... 09 <input type="checkbox"/>									
	Other Rel. of Ref. Person. .... 10 <input type="checkbox"/>									
	Foster Child. .... 11 <input type="checkbox"/>									
	Non-rel. of Ref. Person WITH OWN rel. in H'hld. .... 12 <input type="checkbox"/>									
	Partner/Roommate. .... 13 <input type="checkbox"/>									
	Non-rel. of Ref. Person (other than partner/ roommate) with NO OWN rel. in H'hld. .... 14 <input type="checkbox"/>									

25. INTERVIEWER CHECK ITEM  
(Transcribe from control card item 18)

This person is  
16–24 years of age ☐ (Ask 26A)  
All others ☐ (Skip to 26C)

26A. (If 'School' in 19, Verify) LAST WEEK was ...  
attending or enrolled in a high school, college, or  
university? (Mark 'Yes' if currently on holiday or  
seasonal vacation. Mark 'No' for summer vacation.)  
Yes ☐ (Verify) No ☐ (Skip to 26C)

High School ☐ (Ask 26B)  
College or Univ. ☐

26B. Is ... enrolled in school as a full-time  
or part-time student?  
Full time ☐ (Ask 26C)  
Part time ☐

26C. INTERVIEWER CHECK ITEM  
Who responded to the labor force items  
for this person?  
Self ☐  
Other ☐  
Self/Other ☒

18L. SOCIAL SECURITY NUMBER  
(Transcribe from CC item 26a)

☐ None

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9



D-13

**FOLLOW-UP INFORMATION — ALL 885'S MUST BE MAILED TO R.O. BY MARCH 26.**

- (1) Complete items 2, 3, 6—9, 77, 79, 82 and 84 on page 1.
- (2) Complete items 18A, 18B, 18D, and 18G1 for each 14+ person.
- (3) Industry and occupation description from CPS-1 items 23A—23E as applicable.
- (4) Complete items 56D and 58.
- (5) Note Names and Line No.'s of persons needing followup. Also, as necessary, note address, telephone, and "best time to call" information from control card.

NOTES

IF CIVILIAN 14+, BEGIN WITH ITEM 29A. IF CURRENT ARMED FORCES MEMBER, BEGIN WITH ITEM 45				IND.	OCC.	ITEM 55
LINE NUMBER	188. RELATIONSHIP	18D. AGE	18G1. Sex	OFFICE USE ONLY	Ref. UNC	
1	Ref. per with other rels. 01	01	Male			
2	Ref. per with no other rel. 02	02	Female			
3	Husband .03	03				
4	Wife .04	04				
5	Own/Adopted .05	05				
6	Stepchild .06	06				
7	Grandchild .07	07				
8	Parent .08	08				
9	Brother/Sister .09	09				
10	Other rel. 10	10				
11	Foster child .11	11				
12	Non rel. 12	12				
29A	Did ... work at a job or business at any time during 1987?					
	Yes (Skip to 33) No					
29B	Did ... do any temporary, part-time, or seasonal work even for a few days during 1987?					
	Yes (Skip to 33) No					
29C	Even though ... did not work in 1987, did he/she spend any time trying to find a job or on layoff?					
	Yes No (Skip to 32)					
30	How many different weeks was ... looking for work or on layoff from a job?					
	(Mark weeks) →					
31	What was the main reason ... did not work in 1987?					
	<input type="checkbox"/> Ill or disabled and unable to work <input type="checkbox"/> Retired <input type="checkbox"/> Taking care of home or family <input type="checkbox"/> Going to school <input type="checkbox"/> Could not find work <input type="checkbox"/> Doing something else					
32	During 1987 in how many weeks did ... work even for a few hours?					
	<input type="checkbox"/> include paid vacation and sick leave at work. (Mark weeks and Go to 34)					
33	INTERVIEWER CHECK ITEM					
	Number of weeks in item 32 is: 1-49 (Skip to 36) 50-51 (Ask 35) 52 (Skip to 39)					
34	Did ... lose any full weeks of work in 1987 because he/she was on layoff from a job or lost a job?					
	Yes (Skip to 39) No					
35	You said ... worked about (entry in item 32) weeks in 1987. How many of the remaining (52 minus entry in item 32) weeks was ... looking for work or on layoff from a job?					
	(Mark weeks and ask 37)					
	None (Skip to 38)					
37	Were the (entry in item 36) weeks ... was looking for work (or on layoff) all in one stretch?					
	<input type="checkbox"/> Yes - 1 stretch <input type="checkbox"/> No - 2 stretches (Go to 38) <input type="checkbox"/> No - 3+ stretches					
38	(If the entries in items 33 and 36 add to 52 weeks, skip to item 39. If not, ask 38) What was the main reason ... was not working or looking for work in the remaining weeks of 1987?					
	<input type="checkbox"/> Ill or disabled and unable to work <input type="checkbox"/> Taking care of home or family <input type="checkbox"/> Going to school <input type="checkbox"/> Retired <input type="checkbox"/> No work available <input type="checkbox"/> Other (Specify)					
39	For how many employers did ... work in 1987? If more than one at same time, only count it as one employer.					
	1 (Ask 40) 2 3+					
40	In the weeks that ... worked, how many hours did ... usually work per week?					
	(Mark hours) → (Go to 41)					
41	INTERVIEWER CHECK ITEM					
	Number of hours in item 40 is: 1-34 (Skip to 43) 35+ (Ask 42)					
42	During 1987, were there one or more weeks in which ... worked less than 35 hours? Exclude time off with pay because of holidays, vacation, days off, or sickness.					
	Yes (Ask 43) No (Skip to 45)					
43	How many weeks did ... work less than 35 hours in 1987?					
	(Mark weeks) →					
44	What was the main reason ... worked less than 35 hours per week?					
	<input type="checkbox"/> Could not find a full time job <input type="checkbox"/> Wanted to work part time or only able to work part time <input type="checkbox"/> Slack work or material shortage <input type="checkbox"/> Other (Ask 45)					
45	What was ...'s longest job during 1987? (Compare with entry in CPS-1 item 23)					
	<input type="checkbox"/> Same as item 23 (Skip to 47) <input type="checkbox"/> Different from item 23 or item 23 blank (Specify in 46A-46E) <input type="checkbox"/> Current Armed Forces					
46A	For whom did ... work?					
46B	What kind of business or industry is this?					
46C	What kind of work was ... doing?					
46D	What were ...'s most important activities or duties?					
46E	CLASS OF WORKER					
	Private P Federal Gov't. F State Gov't. S Local Gov't. L Self-employment Inc. Yes No SE Without pay WP (Ask 47)					
47	Counting all locations where this employer operates, what is the total number of persons who work for ...'s employer? (Read categories if necessary)					
	Under 25 25-99 100-499 500-999 1000+ (Ask 48A or 48B)					
48A	How much did ... earn from this employer before deductions during 1987?					
48B	What was ...'s net earnings from this business/farm after expenses during 1987?					
48C	Does this amount include all tips, bonuses, overtime pay or commissions ... may have received?					
	Yes No (Probe and make corrections to 48A)					
49A	Did ... earn money from any other work he/she did during 1987?					
	Yes No (Skip to 50)					
49B	How much did ... earn from:					
	All other employers? His/her own business after expenses? His/her farm after expenses? Yes No Yes No Yes No \$ \$ \$ Lost money Lost money					
50	INTERVIEWER CHECK ITEM Longest job (item 45) is farmer?					
	Yes No (Skip to 52A)					
51	Other than the farm income we have already talked about, did ... receive any income from agricultural work done for others, recreational services, or government farm programs other than loans?					
	Yes (Probe and make corrections to 48B or 49B) No (Ask 52A)					
52A	At any time during 1987 did ... receive any State or Federal unemployment compensation?					
	Yes No (Skip to 53A)					
	Any Supplemental Unemployment Benefits (SUB)? Yes No					
	Any Union unemployment or strike benefits? Yes No					
52B	How much did ... receive in unemployment benefits during 1987?					
	\$					
53A	During 1987 did ... receive any Worker's Compensation payments or other payments as a result of a job related injury or illness? (Exclude sick pay and disability retirement)					
	Yes No (Skip to 54)					
53B	What was the source of these payments?					
	<input type="checkbox"/> State Workers Compensation <input type="checkbox"/> Employer or employer's insurance <input type="checkbox"/> Own insurance <input type="checkbox"/> Other					
53C	How much compensation did ... receive during 1987?					
	\$					
	Now I want to ask some questions about where ... lived 1 year ago.					
54	Was ... living in this house (apt.) 1 year ago, that is on March 1, 1987?					
	Yes (Next person) No (Ask 55A)					
55A	Where did ... live on March 1, 1987?					
	1. Name of State, foreign country, U.S. possession, etc. 2. Name of county 3. Name of city, town, village, etc. 4. Did ... live inside the limits of that city, town, village, etc.? Yes No					

**IF CIVILIAN 14+, BEGIN WITH ITEM 29A. IF CURRENT ARMED FORCES MEMBER, BEGIN WITH ITEM 45**

18A. LINE NUMBER	18B. RELATIONSHIP	18D. AGE	18G1. Sex	37. Were the (entry in item 36) weeks ... was looking for work (or on layoff) all in one stretch?	46. What was ... 's longest job during 1987? (Compare with entry in CPS-1 item 23)	OFFICE USE ONLY	IND.	OCC.	ITEM 56
1	Ref per with other rels .01			Yes - 1 stretch	Same as item 23				
2	Ref per with no other rel. .02		Male	No - 2 stretches	Different from item 23 or item 23 blank				
3	Husband .03	1		No - 3+ stretches	Current Armed Forces				
4	Wife .04	2	Female						
5	Own/Adopted .05	3							
6	Stepchild .06	4							
7	Grandchild .07	5							
8	Parent .08	6							
9	Brother/Sister .09	7							
10	Other rel. .10	8							
11	Foster child .11	9							
12-14	Non rel. .12-14	10							

**29A. Did ... work at a job or business at any time during 1987?**  
 Yes ☐ (Skip to 33) No ☒ 7

**29B. Did ... do any temporary, part-time, or seasonal work even for a few days during 1987?**  
 Yes ☐ (Skip to 33) No ☒ 7

**30. Even though ... did not work in 1987, did he/she spend any time trying to find a job or on layoff?**  
 Yes ☒ 7 No ☐ (Skip to 32)

**31. How many different weeks was ... looking for work or on layoff from a job?**  
 (Mark weeks) → 1 2 3 4 5 6 7 8 9 10 11 12

**32. What was the main reason ... did not work in 1987?**  
 Ill or disabled and unable to work ☐  
 Retired ☐  
 Taking care of home or family ☐  
 Going to school ☐  
 Could not find work ☐  
 Doing something else ☐ (Skip to 52A)

**33. During 1987 in how many weeks did ... work even for a few hours? Include paid vacation and sick leave as work.**  
 (Mark weeks and Go to 34) → 1 2 3 4 5 6 7 8 9 10 11 12

**34. INTERVIEWER CHECK ITEM**  
 Number of weeks in item 33 is: 1-49 (Skip to 36) 50-51 (Ask 35) 52 (Skip to 39)

**35. Did ... lose any full weeks of work in 1987 because he/she was on layoff from a job or lost a job?**  
 Yes ☐ (Skip to 39) No ☒

**36. You said ... worked about (entry in item 33) weeks in 1987. How many of the remaining (52 minus entry in item 33) weeks was ... looking for work or on layoff from a job?**  
 (Mark weeks and ask 37) → 1 2 3 4 5 6 7 8 9 10 11 12 None (Skip to 38)

**37. Were the (entry in item 36) weeks ... was looking for work (or on layoff) all in one stretch?**  
 Yes - 1 stretch ☐  
 No - 2 stretches ☐ (Go to 38)  
 No - 3+ stretches ☐

**38. What was the main reason ... was not working or looking for work in the remaining weeks of 1987?**  
 Ill or disabled and unable to work ☐  
 Taking care of home or family ☐  
 Going to school ☐  
 Retired ☐  
 No work available ☐  
 Other (Specify) ☐

**39. For how many employers did ... work in 1987? If more than one at same time, only count it as one employer.**  
 1 ☐ (Ask 40)  
 2 ☐  
 3+ ☐

**40. In the weeks that ... worked, how many hours did ... usually work per week?**  
 (Mark hours) → 1 2 3 4 5 6 7 8 9 10 11 12 (Go to 41)

**41. INTERVIEWER CHECK ITEM**  
 Number of hours in item 40 is: 1-34 (Skip to 43) 35+ (Ask 42)

**42. During 1987, were there one or more weeks in which ... worked less than 35 hours? Exclude time off with pay because of holidays, vacation, days off, or sickness.**  
 Yes ☐ (Ask 43) No ☒ (Skip to 45)

**43. How many weeks did ... work less than 35 hours in 1987?**  
 (Mark weeks) → 1 2 3 4 5 6 7 8 9 10 11 12

**44. What was the main reason ... worked less than 35 hours per week?**  
 Could not find a full time job ☐  
 Wanted to work part time or only able to work part time ☐  
 Slack work or material shortage ☐  
 Other ☐ (Ask 45)

**45. What was ... 's longest job during 1987? (Compare with entry in CPS-1 item 23)**  
 Same as item 23 ☐ (Skip to 47)  
 Different from item 23 or item 23 blank ☐ (Specify in 46A-46E)

**46A. For whom did ... work?**  
 Private ☐ Federal Gov't ☐ State Gov't ☐ Local Gov't ☐ Self-employment ☐ Inc. ☐ No ☐ SE ☐ Without pay WP ☐ (Ask 47)

**46B. What kind of business or industry is this?**  
 Ref. ☐ UNC ☐

**46C. What kind of work was ... doing?**

**46D. What were ... 's most important activities or duties?**

**46E. CLASS OF WORKER**  
 Private ☐ Federal Gov't ☐ State Gov't ☐ Local Gov't ☐ Self-employment ☐ Inc. ☐ No ☐ SE ☐ Without pay WP ☐ (Ask 47)

**47. Counting all locations where this employer operates, what is the total number of persons who work for ... 's employer?**  
 Under 25 ☐ 25-99 ☐ 100-499 ☐ 500-999 ☐ 1000+ ☐ (Read categories if necessary)

**48A. How much did ... earn from this employer before deductions during 1987?**  
 \$

**48B. What was ... net earnings from this business/farm after expenses during 1987?**  
 \$

**48C. Does this amount include all tips, bonuses, overtime pay or commissions ... may have received?**  
 Yes ☐ No ☐ (Probe and make corrections to 48A) Lost money ☐

**49A. Did ... earn money from any other work he/she did during 1987?**  
 Yes ☐ No ☐ (Skip to 50)

**49B. How much did ... earn from:**  
 All other employers? Yes ☐ No ☐ His/her own business after expenses? Yes ☐ No ☐ His/her farm after expenses? Yes ☐ No ☐

**49C. Did ... receive any income from agricultural work done for others, recreational services, or government farm programs other than loans?**  
 Yes ☐ (Probe and make corrections to 48B or 49B) No ☐ (Ask 52A)

**50. INTERVIEWER CHECK ITEM**  
 Longest job (item 45) is farmer? Yes ☐ No ☒ (Skip to 52A)

**51. Other than the farm income we have already talked about, did ... receive any income from agricultural work done for others, recreational services, or government farm programs other than loans?**  
 Yes ☐ (Probe and make corrections to 48B or 49B) No ☐ (Ask 52A)

**52A. At any time during 1987 did ... receive any State or Federal unemployment compensation?**  
 Yes ☐ No ☒ (Skip to 53A)

**52B. How much did ... receive in unemployment benefits during 1987?**  
 \$

**52C. How much compensation did ... receive during 1987?**  
 \$

**53A. During 1987 did ... receive any Worker's Compensation payments or other payments as a result of a job related injury or illness? (Exclude sick pay and disability retirement)**  
 Yes ☐ No ☒ (Skip to 54)

**53B. What was the source of these payments?**  
 State Workers Compensation ☐ Employer or employer's insurance ☐ Own insurance ☐ Other ☐

**53C. Now I want to ask some questions about where ... lived 1 year ago.**

**54. Was ... living in this house (apt.) 1 year ago; that is on March 1, 1987?**  
 Yes ☐ (Next person) No ☐ (Ask 55A)

**55A. Where did ... live on March 1, 1987?**  
 1. Name of State, foreign country, U.S. possession, etc.   
 2. Name of county   
 3. Name of city, town, village, etc.   
 4. Did ... live inside the limits of that city, town, village, etc.? Yes ☐ No ☐

[illegible]



IF CIVILIAN 14+, BEGIN WITH ITEM 29A. IF CURRENT ARMED FORCES MEMBER, BEGIN WITH ITEM 45				IND.	OCC.	ITEM 55
18A. LINE NUMBER	18B. RELATIONSHIP	18D. AGE	18G1. Sex	OFFICE	USE ONLY	
01	Ref per with other rels	01	Male	1	1	1
02	Ref per with no other rel.	02	Female	2	2	2
03	Husband	03		3	3	3
04	Wife	04		4	4	4
05	Own/Adopted	05		5	5	5
06	Stepchild	06		6	6	6
07	Grandchild	07		7	7	7
08	Parent	08		8	8	8
09	Brother/Sister	09		9	9	9
10	Other rel.	10		10	10	10
11	Foster child	11		11	11	11
12-14	Non rel.	12-14		12	12	12
29A. Did ... work at a job or business at any time during 1987?				52A. At any time during 1987 did ... receive any State or Federal unemployment compensation?		
Yes (Skip to 33) No 7				Yes 7 No (Skip to 53A)		
29B. Did ... do any temporary, part-time, or seasonal work even for a few days during 1987?				Any Supplemental Unemployment Benefits (SUB)?		
Yes (Skip to 33) No 7				Any Union unemployment or strike benefits?		
30. Even though ... did not work in 1987, did he/she spend any time trying to find a job or on layoff?				52B. How much did ... receive in unemployment benefits during 1987?		
Yes 7 No (Skip to 32)				\$		
31. How many different weeks was ... looking for work or on layoff from a job?				53A. During 1987 did ... receive any Worker's Compensation payments or other payments as a result of a job related injury or illness? (Exclude sick pay and disability retirement)		
(Mark weeks) →				Yes 7 No (Skip to 54)		
32. What was the main reason ... did not work in 1987?				53B. What was the source of these payments?		
<input type="checkbox"/> Ill or disabled and unable to work <input type="checkbox"/> Retired <input type="checkbox"/> Taking care of home or family <input type="checkbox"/> Going to school <input type="checkbox"/> Could not find work <input type="checkbox"/> Doing something else				State Workers Compensation Employer or employer's insurance Own insurance Other		
33. During 1987 in how many weeks did work even for a few hours? Include paid vacation and sick leave as work.				53C. How much compensation did ... receive during 1987?		
(Mark weeks and Go to 34)				\$		
34. INTERVIEWER CHECK ITEM				54. Was ... living in this house (apt.) 1 year ago; that is on March 1, 1987?		
Number of weeks in item 33 is 1-49 (Skip to 36) 50-51 (Ask 35) 52 (Skip to 39)				Yes (Next person) No (Ask 55A)		
35. Did ... lose any full weeks of work in 1987 because he/she was on layoff from a job or lost a job?				55A. Where did ... live on March 1, 1987?		
Yes (Skip to 39) No				1. Name of State, foreign country, U.S. possession, etc.		
36. You said ... worked about (entry in item 33) weeks in 1987. How many of the remaining (52 minus entry in item 33) weeks was ... looking for work or on layoff from a job?				2. Name of country		
(Mark weeks and ask 37)				3. Name of city, town, village, etc.		
None (Skip to 38)				8. Did ... live inside the limits of that city, town, village, etc.?		
Yes No				Yes No		
37. Were the (entry in item 36) weeks ... was looking for work (or on layoff) all in one stretch?				45. What was ...'s longest job during 1987? (Compare with entry in CPS-1 item 23)		
Yes - 1 stretch (Go to 38) No - 2 stretches (Go to 38) No - 3+ stretches (Go to 38)				Same as item 23 (Skip to 47) Different from item 23 or item 23 blank (Specify in 46A-46E) Current Armed Forces (Specify in 46A-46E)		
38. What was the main reason ... was not working or looking for work in the remaining weeks of 1987?				46A. Far whom did ... work?		
<input type="checkbox"/> Ill or disabled and unable to work <input type="checkbox"/> Taking care of home or family <input type="checkbox"/> Going to school <input type="checkbox"/> Retired <input type="checkbox"/> No work available <input type="checkbox"/> Other (Specify)				46B. What kind of business or industry is this?		
39. For how many employers did ... work in 1987? If more than one at same time, only count it as one employer.				46C. What kind of work was ... doing?		
1 (Ask 40) 2 (Ask 40) 3+ (Ask 40)				46D. What were ...'s most important activities or duties?		
40. In the weeks that ... worked, how many hours did ... usually work per week?				46E. CLASS OF WORKER		
(Mark hours) →				Private P (Ask 47) Federal Gov't. F (Ask 47) State Gov't. S (Ask 47) Local Gov't. L (Ask 47) Self-employment Inc. Yes I (Ask 47) No SE (Ask 47) Without pay WP (Ask 47)		
41. INTERVIEWER CHECK ITEM				47. Counting all locations where this employer operates, what is the total number of persons who work for ...'s employer? (Read categories if necessary)		
Number of hours in item 40 is 1-34 (Skip to 43) 35+ (Ask 42)				Under 25 25-99 100-499 500-999 1000+		
42. During 1987, were there one or more weeks in which ... worked less than 35 hours? Exclude time off with pay because of holidays, vacation, days off, or sickness.				48A. How much did ... earn from this employer before deductions during 1987?		
Yes (Ask 43) No (Skip to 45)				\$		
43. How many weeks did ... work less than 35 hours in 1987?				48B. What was ... net earnings from this business/farm after expenses during 1987?		
1 2 3 4 5				\$		
44. What was the main reason ... worked less than 35 hours per week?				48C. Does this amount include all tips, bonuses, overtime pay or commissions ... may have received?		
<input type="checkbox"/> Could not find a full time job <input type="checkbox"/> Wanted to work part time or only able to work part time <input type="checkbox"/> Slack work or material shortage <input type="checkbox"/> Other (Ask 45)				Yes No (Probe and make corrections to 48A)		
45. What was the main reason ... worked less than 35 hours per week?				49A. Did ... earn money from any other work he/she did during 1987?		
<input type="checkbox"/> Could not find a full time job <input type="checkbox"/> Wanted to work part time or only able to work part time <input type="checkbox"/> Slack work or material shortage <input type="checkbox"/> Other (Ask 45)				Yes No (Skip to 50)		
46. What was the main reason ... worked less than 35 hours per week?				49B. How much did ... earn from:		
<input type="checkbox"/> Could not find a full time job <input type="checkbox"/> Wanted to work part time or only able to work part time <input type="checkbox"/> Slack work or material shortage <input type="checkbox"/> Other (Ask 45)				All other employers? His/her own business after expenses? His/her farm after expenses?		
47. What was the main reason ... worked less than 35 hours per week?				Yes No Yes No Yes No \$ \$ \$ <input type="checkbox"/> Lost money <input type="checkbox"/> Lost money		
48. What was the main reason ... worked less than 35 hours per week?				50. INTERVIEWER CHECK ITEM		
49. What was the main reason ... worked less than 35 hours per week?				Longest job (item 45) is former?		
50. What was the main reason ... worked less than 35 hours per week?				Yes No (Skip to 52A)		
51. Other than the farm income we have already talked about, did ... receive any income from agricultural work done for others, seasonal services, or government farm programs other than loans?				Yes (Probe and make corrections to 48B or 49B) No (Ask 52A)		

COMPLETE LINE NUMBER FOR ALL PERSONS 14+ BEFORE BEGINNING QUESTIONS ON EACH PAGE (NAME IS OPTIONAL)

NAME (Optional)	Page 3	Page 4	Page 5	Page 6
LINE NUMBER (Item 18A)				
	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
4. DURING 1987 DID ANYONE IN THIS HOUSEHOLD RECEIVE: 56a. Any Social Security payments from the U.S. Government? Yes <input checked="" type="radio"/> No <input type="radio"/> (Skip to 57A)				
56b. Who received Social Security payments either for themselves or as combined payments with other family members? Yes <input type="radio"/> No <input type="radio"/>  Complete 56C for each person with a "Yes" in 56b 56c. How much did ... receive in Social Security payments during 1987? (separate combined payments)  NOTE: Social Security checks usually arrive on the 3rd of every month in a gold colored envelope. Amount should be before the Medicare deduction.	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included
56d. INTERVIEWER CHECK ITEM  Children under 23 present - (Ask 56E)  No children under 23 present - (Skip to 57)  56E. Did anyone in this household receive any separate Social Security payments which we have not talked about for the children in this household? Yes <input type="radio"/> No <input checked="" type="radio"/> (If "Yes," make necessary changes to include this amount in 56C for person receiving)				
5. DURING 1987 DID ANYONE IN THIS HOUSEHOLD RECEIVE: 57a. Any SSI payments, that is, Supplemental Security Income? Yes <input checked="" type="radio"/> No <input type="radio"/> (Go to next page)				
57b. Who received SSI? (Anyone else?)  (Complete 57C for each person with "Yes" in 57b) 57c. How much did ... receive in Supplemental Security Income during 1987? (Include both Federal and State SSI)  NOTE: Federal SSI checks usually arrive on the first of every month in a blue colored envelope.  (Go to 57C for next person with "Yes" in 57b or go to next page)	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included	Yes <input type="radio"/> No <input type="radio"/> \$ <input type="text"/> <input type="radio"/> Already included
Medicare Deduction \$17.90/month				

NAME (Optional)	Page 3	Page 4	Page 5	Page 6
LINE NUMBER (Item 18A)				
<b>Interviewer Check Item</b> Entry in control card item 29 is: \$30,000 or more ..... (Skip to item 60) Under \$30,000, NA or Ref. <b>7</b>				
<b>AT ANY TIME DURING 1987 EVEN FOR ONE MONTH DID ANYONE IN THIS HOUSEHOLD RECEIVE:</b> <b>59A.</b> Any public assistance or welfare payments from the State or local welfare office? Yes <b>7</b> No (Skip to 60A)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>59B.</b> Who received these payments? (Anyone else?) Yes No Yes No Yes No Yes No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(Complete 59C to 59I for each person with a "Yes" in 59B) <b>59C.</b> Did ... receive AFDC (ADC) or some other type of assistance payments?	<input type="checkbox"/> AFDC (ADC) <input type="checkbox"/> Other <input type="checkbox"/> Both	<input type="checkbox"/> AFDC (ADC) <input type="checkbox"/> Other <input type="checkbox"/> Both	<input type="checkbox"/> AFDC (ADC) <input type="checkbox"/> Other <input type="checkbox"/> Both	<input type="checkbox"/> AFDC (ADC) <input type="checkbox"/> Other <input type="checkbox"/> Both
<b>59D.</b> In how many months of 1987 did ... receive these payments?	<input type="text"/> Months	<input type="text"/> Months	<input type="text"/> Months	<input type="text"/> Months
<b>59E.</b> How much did ... receive in public assistance or welfare during 1987? (Go to 59C for next person with "Yes" in 59B or ask 60)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>60 AT ANY TIME DURING 1987 DID ANYONE IN THIS HOUSEHOLD RECEIVE:</b> <b>60A.</b> Any payments from the Veterans' Administration (VA)? Yes <b>7</b> No (Go to next page)				
<b>60B.</b> Who received payments from the Veterans' Administration (VA)? (Anyone else?) Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(Complete 60C to 60I for each person with a "Yes" in 60B) <b>60C.</b> What type of Veterans' payments did ... receive? (Mark all that apply)	<input type="checkbox"/> Service-connected disability compensation <input type="checkbox"/> Survivor Benefits <input type="checkbox"/> Veterans' pension <input type="checkbox"/> Educational assistance <input type="checkbox"/> Other Veterans' payments	<input type="checkbox"/> Service-connected disability compensation <input type="checkbox"/> Survivor Benefits <input type="checkbox"/> Veterans' pension <input type="checkbox"/> Educational assistance <input type="checkbox"/> Other Veterans' payments	<input type="checkbox"/> Service-connected disability compensation <input type="checkbox"/> Survivor Benefits <input type="checkbox"/> Veterans' pension <input type="checkbox"/> Educational assistance <input type="checkbox"/> Other Veterans' payments	<input type="checkbox"/> Service-connected disability compensation <input type="checkbox"/> Survivor Benefits <input type="checkbox"/> Veterans' pension <input type="checkbox"/> Educational assistance <input type="checkbox"/> Other Veterans' payments
<b>60D.</b> Is ... required to fill out an annual income questionnaire for the Veterans' Administration?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>60E.</b> How much did ... receive in payments from the Veterans' Administration during 1987? (Ask 60C to 60I for next person with "Yes" in 60B or go to next page)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

NAME (Optional)	Page 3	Page 4	Page 5	Page 6
LME NUMBER (Item 18A)				
61A. (Other than Social Security or VA benefits), did anyone in this household receive any income in 1987 from survivor or widow's pensions, estates, trusts, annuities, or any other survivor benefits?				
Yes <input checked="" type="radio"/> 7 No <input type="radio"/> (Go to next page)				
61B. Who received this income? (Anyone else?)	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
(Complete 61C to 61G for each person with a "Yes" in 61B)				
61C. What was the source of this income? (Any other widow or survivor income?)				
01. Company or union survivor pension (inc. profit sharing) ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
02. Federal Government (Civil Service) pension ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
03. U.S. Military retirement survivor pension ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
04. State or local gov't. survivor pension ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
05. U.S. Railroad retirement survivor pension ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
06. Worker's compensation survivor pension ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
07. Black lung survivor pension ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
08. Regular payments from estates or trusts ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
09. Regular payments from annuities or paid-up insurance policies ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
10. Other or don't know (Specify in Notes) ..... Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
(Complete 61D and 61E for first "Yes" in 61C)				
61D. Income Source Code	0 1 0 1 2 3 4 5 6 7 8 9	0 1 0 1 2 3 4 5 6 7 8 9	0 1 0 1 2 3 4 5 6 7 8 9	0 1 0 1 2 3 4 5 6 7 8 9
61E. How much did ... receive in ... (read source) during 1987?	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9
(Complete 61F and 61G for next income source marked or go to 61C for next person with "Yes" in 61B or go to next page)				
61F. Income Source Code	0 1 0 1 2 3 4 5 6 7 8 9	0 1 0 1 2 3 4 5 6 7 8 9	0 1 0 1 2 3 4 5 6 7 8 9	0 1 0 1 2 3 4 5 6 7 8 9
61G. How much did ... receive in ... (read source) during 1987?	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9	\$ <input type="text"/> 0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9
(Go to 61C for next person with "Yes" in 61B or go to next page)				

NOTES



NAME (Optional)				
LINE NUMBER (from 18A)	Page 3	Page 4	Page 5	Page 6
65. Other than Social Security or VA benefits) During 1987 did anyone in this household receive any pension or retirement income from a previous employer or union (pension), or any other type of retirement income?  Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Go to next page)				
65B. Who received pension or retirement income? (Anyone else?)  (Complete 65C-65G for each person with a "Yes" to 65B)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
65C. What was the source of this income? (Any other pension or retirement income?) 1. Company or union pension (inc. profit sharing) ..... Yes <input type="checkbox"/> No <input type="checkbox"/> 2. Federal Government (Civil Service) retirement ..... Yes <input type="checkbox"/> No <input type="checkbox"/> 3. U.S. Military retirement ..... Yes <input type="checkbox"/> No <input type="checkbox"/> 4. State or local government pension ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 5. U.S. Railroad Retirement ..... Yes <input type="checkbox"/> No <input type="checkbox"/> 6. Regular payments from annuities or paid-up insurance policies ..... Yes <input type="checkbox"/> No <input type="checkbox"/> 7. Regular payments from IRA or KEOGH accounts ..... Yes <input type="checkbox"/> No <input type="checkbox"/> 8. Other or don't know (Specify in notes) ..... Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
(Complete 65D and 65E for first "Yes" in 65C) 65D. INCOME SOURCE CODE				
65E. How much did ... receive from ... (read source) during 1987?  (Fill 65F and 65G for next income source marked or go to 65C for next person with "Yes" in 65B or Skip to next page)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
65F. INCOME SOURCE CODE				
65G. How much did ... receive from ... (read source) during 1987?  (Go to 65C for next person with "Yes" in 65B or go to next page)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

\*OTES

NAME (Optional)	Page 3	Page 4	Page 5	Page 6
LINE NUMBER (Item 18A)				
<b>65. AT ANYTIME DURING 1987 DID ANYONE IN THIS HOUSEHOLD:</b> <b>65A. Have money in any kind of savings account or money market fund?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> Have any bonds, treasury notes, IRA's or certificates of deposit? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (If "Yes" marked in any, ask 66B, otherwise skip to 67A) Have an interest earning checking account or any other investments which pay interest? Yes <input type="checkbox"/> No <input type="checkbox"/>				
<b>66B. Which members of this household had ...? (Anyone else?)</b> (Include each in cases of joint accounts or ownership) (Ask 66C for each person with "Yes" in 66B) <b>66C. How much did ... receive in interest from these sources during 1987, including even small amounts credited to accounts? (Separate amounts for joint ownership)</b> (Ask 66C for next person with "Yes" in 66B or ask 67)	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input checked="" type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input checked="" type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input checked="" type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input checked="" type="checkbox"/> Already included
<b>67. AT ANYTIME DURING 1987 DID ANYONE IN THIS HOUSEHOLD:</b> <b>67A. Own any shares of stock in corporations (public) or any mutual fund shares?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Skip to 68A)				
<b>67B. Which members of this household? (Anyone else?)</b> (Include each in cases of joint ownership) (Ask 67C for each person with "Yes" in 67B) <b>67C. How much did ... receive in dividends from stocks (mutual funds) during 1987? (Separate amounts for joint ownership)</b> (Ask 67C for next person marked "Yes" in 67B or ask 68)	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> None <input checked="" type="checkbox"/> <input type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> None <input checked="" type="checkbox"/> <input type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> None <input checked="" type="checkbox"/> <input type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> None <input checked="" type="checkbox"/> <input type="checkbox"/> Already included
<b>68. DURING 1987 DID ANYONE IN THIS HOUSEHOLD:</b> <b>68A. Own any land, business property, apartments, or houses which were rented to others?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (If "Yes" marked in any, ask 68B, otherwise skip to next page) Receive income from royalties or from roomers or boarders? (Exclude amounts paid by relatives) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Receive income from estates or trusts? (Exclude estates or trusts already reported) Yes <input type="checkbox"/> No <input type="checkbox"/>				
<b>68B. Who received this rent (income)? (Anyone else?)</b> (Include each in case of joint ownership) (Ask 68C for each person with "Yes" in 68B) <b>68C. How much did ... receive in income from rent (roomers or boarders, estates, trusts, or royalties) after expenses for 1987? (Separate amounts for joint ownership)</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Lost money <input checked="" type="checkbox"/> <input type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Lost money <input checked="" type="checkbox"/> <input type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Lost money <input checked="" type="checkbox"/> <input type="checkbox"/> Already included	Yes <input type="checkbox"/> No <input type="checkbox"/> \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Lost money <input checked="" type="checkbox"/> <input type="checkbox"/> Already included

NAME (Optional)	Page 3	Page 4	Page 5	Page 6
LINE NUMBER (Item 18A)				
<b>69A.</b> During 1987 did anyone in this household attend school beyond the high school level including a college, university or other schools (including vocational, business, or trade schools)? Yes <input checked="" type="radio"/> No <input type="radio"/> (Go to next page)				
<b>69B.</b> Did anyone receive any educational assistance for tuition, fees, books, or living expenses during 1987? (Exclude loans or assistance from household members or VA educational benefits) Yes <input checked="" type="radio"/> No <input type="radio"/> (Go to next page)				
<b>69C.</b> Which member received assistance? (Anyone else?) Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>
(Complete 69D to 69H for each person with "Yes" in 69C)				
<b>69D.</b> What type of assistance did ... receive? (Any other assistance?) 1. Pell Grant 2. Some other government assistance 3. Scholarships, grants, etc. 4. Other assistance (employers, friends, etc.) (Exclude assistance from household members)	Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/>
<b>69E. INTERVIEWER CHECK ITEM</b> Pell Grant marked "YES" in 69D?	Yes <input type="radio"/> (Ask 69F) No <input type="radio"/> (Skip to 69H)	Yes <input type="radio"/> (Ask 69F) No <input type="radio"/> (Skip to 69H)	Yes <input type="radio"/> (Ask 69F) No <input type="radio"/> (Skip to 69H)	Yes <input type="radio"/> (Ask 69F) No <input type="radio"/> (Skip to 69H)
<b>69F.</b> How much did ... receive in Pell Grants during 1987?	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
<b>69G. INTERVIEWER CHECK ITEM</b> Sources other than Pell Grant marked "YES" in 69D?	Yes <input type="radio"/> (Ask 69H) No <input type="radio"/> (Skip to next person marked "Yes" in 69C or Go to next page)	Yes <input type="radio"/> (Ask 69H) No <input type="radio"/> (Skip to next person marked "Yes" in 69C or Go to next page)	Yes <input type="radio"/> (Ask 69H) No <input type="radio"/> (Skip to next person marked "Yes" in 69C or Go to next page)	Yes <input type="radio"/> (Ask 69H) No <input type="radio"/> (Skip to next person marked "Yes" in 69C or Go to next page)
<b>69H.</b> How much did ... receive in (other) educational assistance during 1987? (Go to 69D for next person marked "Yes" in 69C or Go to next page)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>





NAME (Optional)	Page 3	Page 4	Page 5	Page 6
LINE NUMBER (Item 78A)				
Are there several government programs which provide medical care or help pay medical bills? During 1987 was anyone in this household covered by: 74B. Medicare (for the disabled and elderly)? Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 74C)				
74B. Who was that? (Anyone else?)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
74C. Medicaid (for the needy)? Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 74E)				
74D. Who was that? (Anyone else?)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
74E. CHAMPUS, VA, or military health care? Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 75A)				
74F. Who was that? (Anyone else?)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
74G. Other than Medicare, Medicaid, or military health insurance, during 1987, was anyone in this household covered by a health insurance plan? Yes <input type="checkbox"/> No <input type="checkbox"/> (Skip to 76)				
75B. Who was that? (Anyone else?)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
75C. Was ...'s health insurance coverage from a plan in ...'s own name? (Complete 75D-75F for each person with a "Yes" in 75B)	Yes <input type="checkbox"/> (Ask 75D) No <input type="checkbox"/> (Go to next person with a "Yes" in 75B or Skip to 76)	Yes <input type="checkbox"/> (Ask 75D) No <input type="checkbox"/> (Go to next person with a "Yes" in 75B or Skip to 76)	Yes <input type="checkbox"/> (Ask 75D) No <input type="checkbox"/> (Go to next person with a "Yes" in 75B or Skip to 76)	Yes <input type="checkbox"/> (Ask 75D) No <input type="checkbox"/> (Go to next person with a "Yes" in 75B or Skip to 76)
75D. Was this health insurance plan offered through ...'s current or former employer or union?	Yes <input type="checkbox"/> (Ask 75E) No <input type="checkbox"/> (Skip to 75F)	Yes <input type="checkbox"/> (Ask 75E) No <input type="checkbox"/> (Skip to 75F)	Yes <input type="checkbox"/> (Ask 75E) No <input type="checkbox"/> (Skip to 75F)	Yes <input type="checkbox"/> (Ask 75E) No <input type="checkbox"/> (Skip to 75F)
75E. Did ...'s employer or union pay for all, part, or none of the cost of this plan?	All <input type="checkbox"/> Part <input type="checkbox"/> None <input type="checkbox"/>	All <input type="checkbox"/> Part <input type="checkbox"/> None <input type="checkbox"/>	All <input type="checkbox"/> Part <input type="checkbox"/> None <input type="checkbox"/>	All <input type="checkbox"/> Part <input type="checkbox"/> None <input type="checkbox"/>
75F. What other persons were covered by this health insurance plan? (Mark all that apply) (Go to 75C for next person with "Yes" in 75B or go to 76)	Spouse <input type="checkbox"/> Child(ren) in household <input type="checkbox"/> Child(ren) not in the household <input type="checkbox"/> Other <input type="checkbox"/> No one <input type="checkbox"/>	Spouse <input type="checkbox"/> Child(ren) in household <input type="checkbox"/> Child(ren) not in the household <input type="checkbox"/> Other <input type="checkbox"/> No one <input type="checkbox"/>	Spouse <input type="checkbox"/> Child(ren) in household <input type="checkbox"/> Child(ren) not in the household <input type="checkbox"/> Other <input type="checkbox"/> No one <input type="checkbox"/>	Spouse <input type="checkbox"/> Child(ren) in household <input type="checkbox"/> Child(ren) not in the household <input type="checkbox"/> Other <input type="checkbox"/> No one <input type="checkbox"/>
7. Interviewer Check Item Who worked last year? (Yes in 29A or 29B)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
(Complete 76A-76B for each person with "Yes" in 75) 76A. Other than Social Security did the (any) employer or union that ... worked for in 1987 have a pension or other type of retirement plan for any of its employees?	Yes <input type="checkbox"/> (Ask 76B) No <input type="checkbox"/> (Go to next person with "Yes" in 76 or Skip to 77 on page 1)	Yes <input type="checkbox"/> (Ask 76B) No <input type="checkbox"/> (Go to next person with "Yes" in 76 or Skip to 77 on page 1)	Yes <input type="checkbox"/> (Ask 76B) No <input type="checkbox"/> (Go to next person with "Yes" in 76 or Skip to 77 on page 1)	Yes <input type="checkbox"/> (Ask 76B) No <input type="checkbox"/> (Go to next person with "Yes" in 76 or Skip to 77 on page 1)
76B. Was ... included in that plan? (Go to 76A for next person with "Yes" in item 76 or Skip to item 77 on Page 1)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>



## APPENDIX E

### Specific Metropolitan Identifiers

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1984 definitions and are ranked according to Census Bureau population estimates for July 1, 1983. Identification of CMSA's is based solely on the CMSA/MSA rank code (See List 1). MSA's can be identified by using either the CMSA/MSA rank code (List 1) or the FIPS MSA/PMSA code (List 4). PMSA's can be identified by either the FIPS MSA/PMSA code (List 4) or a combination of the CMSA/MSA rank codes and the PMSA rank code (List 2). Identification of individual central cities is based on a combination of codes (See List 3). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code or the appropriate central city code, the CMSA/MSA rank code, and, if necessary, the PMSA rank code. Some examples of the proper coding of specific metropolitan areas are given below.

<u>AREA</u>	CMSA/ MSA RANK <u>(MSARANK)</u> List 1	PMSA RANK CODE <u>(PMSARANK)</u> List 2	INDIVIDUAL CENTRAL CITY CODE <u>(CCCODE)</u> List 3	FIPS MSA/PMSA CODE <u>(SMSAFIPS)</u> List 4
Dallas-Fort Worth, TX CMSA	010	N/C	N/C	N/C
Fort Worth-Arlington, TX PMSA	010	02	N/C	N/C
OR	N/C	N/C	N/C	2800
Fort Worth, TX Central City	010	02	1	N/C
OR	N/C	N/C	1	2800
Phoenix, AZ MSA	023	N/C	N/C	N/C
OR	N/C	N/C	N/C	6200
Mesa, AZ Central City	023	N/C	2	N/C
OR	N/C	N/C	2	6200
Burlington, VT MSA	224	N/C	N/C	N/C
OR	H/C	N/C	N/C	1305

N/C = No Code Required

#### NOTES:

1. Do not attempt to tally CMSA totals by summing identified PMSA's. The specific PMSA identification for some PMSA's is suppressed while the specific CMSA for those areas is available. The New Hampshire portion of the Boston CMSA is an example of this. While specific identification of Nashua and the Lawrence-Haverill and Lowell portions is suppressed, all areas are coded as being in the Boston CMSA.
2. Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the central city metropolitan statistical area residence status code (CCCSMSA). It is recommended that this code in conjunction with the modified metropolitan statistical area residence status code (MSTSMSAR) be used for tallying metropolitan residence status for national and other grouped data.

**LIST 1: CMSA/MSA 1983 RANK CODES (MSARANK)**

<b>CMSA/ MSA RANK CODE</b>	<b>FIPS MSA/ PMSA CODE</b>	<b>CMSA/MSA TITLE</b>
001		New York-N. New Jersey-Long Island, NY-NJ CMSA
02		Los Angeles-Anaheim-Riverside, CA CMSA
003		Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in sample)
004		Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA (Maryland portion suppressed)
005		San Francisco-Oakland-San Jose, CA CMSA
006		Detroit-Ann Arbor, MI CMSA
007		Boston-Laurence-Salem, MA-NH CMSA
000		Houston-Galveston-Brazoria, TX CMSA
009	8040	Washington, DC-VA MSA
010		Dallas-Fort Worth, TX CMSA
011		Cleveland-Akron-Lorain, OH CMSA
012		Miami-Fort Lauderdale, FL CMSA
013		Pittsburgh-Deaver Valley, PA CMSA
014		St. Louis, MO-IL CMSA
015	0520	Atlanta, GA MSA
016	0720	Baltimore, MD MSA
017	5120	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
010		Seattle-Tacoma, WA CMSA
019	7320	San Diego, CA MSA
020	0280	Tampa-St. Petersburg-Clearwater, FL MSA
021		Denver-Boulder, CO CMSA
022		Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not identified)
023	6200	Phoenix, AZ MSA
024		Milwaukee-Racine, WI CMSA
025	3760	Kansas City, MO-KS - MSA
026		Portland-Vancouver, OR-WA CMSA
027	5560	New Orleans, LA MSA
020	1040	Columbus, OH MSA
029	5720	Norfolk-Virginia Beach-Newport News, VA MSA
030		Buffalo-Niagara Falls, NY CMSA
031	6920	Sacramento, CA MSA
032	3480	Indianapolis, IN MSA
033	7240	San Antonio, TX MSA
034		Providence-Pawtucket-Fall River, RI-MA CMSA
035	1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
036		Hartford-New Britain-Middletown, CT CMSA
037	7160	Salt Lake City-Ogden, UT MSA
030	6840	Rochester, NY MSA
039	5880	Oklahoma City, OK MSA
040	4520	Louisville, KY-IN MSA
041	2000	Dayton-Springfield, OH MSA
042	4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
043	1000	Birmingham, AL MSA
044	5360	Nashville, TN MSA
045	3120	Greenboro-Winston Salem-High Point, NC MSA
046	0160	Albany-Schenectady-Troy NY MSA

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
047	3320	Honolulu, HI MSA
048	5960	Orlando, FL MSA
049	6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
050	3600	Jacksonville, FL MSA
051	7560	Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
052	0560	Tulsa, OK MSA
053	8960	West Palm Beach-Boca Raton-Delray Beach, FL MSA
054	8160	Syracuse, NY MSA
055	0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
056	0640	Austin, TX MSA
057	3000	Grand Rapids, MI MSA
058	8400	Toledo, OH MSA
059	5920	Omaha, NE-IA MSA (Iowa portion not identified)
060	6640	Raleigh-Durham, NC MSA
061	3160	Greenville-Spartanburg, SC MSA
062	3840	Knoxville, TN MSA
063	8520	Tucson, AZ MSA
064	3240	Harrisonburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
065	2840	Fresno, CA MSA
066	0760	Baton Rouge, LA MSA
067	9320	Youngstown-Warren, OH MSA
068	4120	Las Vegas, NV MSA
069	8000	Springfield, MA MSA
070	2320	El Paso, TX MSA
071	5480	New Haven-Meriden, CT MSA
072	4400	Little Rock-North Little Rock, AK MSA
073	1440	Charleston, SC MSA
074	5160	Mobile, AL MSA (Baldwin county not in sample)
075	0680	Bakersfield, CA MSA
076	3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
077	2640	Flint, MI MSA
078	0200	Albuquerque, NM MSA
079	9040	Wichita, KS MSA
080	1760	Columbia, SC MSA
081	1560	Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee not in sample)
082	6960	Saginaw-Bay City-Midland, MI MSA
083	4040	Lansing-East Lansing, MI MSA
084	9240	Worcester, MA MSA
085	1320	Canton, OH MSA
086	0840	Beaumont-Port Arthur, TX MSA
087	9280	York, PA MSA
088	1960	Davenport-Rock Island-Moline, IA-IL MSA
089	8120	Stockton, CA MSA
090	2120	Des Moines, IA MSA (Dallas county not in sample)
091	4000	Lancaster, PA MSA
092	3560	Jackson, MS MSA
093	6120	Peoria, IL MSA
094	0600	Augusta, GA-SC, MSA
095	1880	Corpus Christi, TX MSA
096	7680	Shreveport, LA MSA

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
097	2760	Fort Wayne, IN MSA
098	7840	Spokane, WA MSA
099	3980	Lakeland-Winter Haven, FL MSA
100	1720	Colorado Springs, CO MSA
101	3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
102	4720	Madison, WI MSA
103	4880	McAllen-Edinburg-Mission, TX MSA
104	4200	Lexington-Fayette, KY MSA
105	8680	Utica-Rome, NY MSA
106	7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
107	6680	Reading, PA MSA
108	6080	Pensacola, FL MSA
109	7120	Salinas-Seaside-Monterey, CA MSA
110	4900	Melbourne-Titusville-Palm Bay, FL MSA
111	0460	Appleton-Oshkosh-Neenah, WI MSA
112	2020	Daytona Beach, FL MSA
113	5170	Modesto, CA MSA
115	5240	Montgomery, AL MSA
116	2360	Erie, PA MSA
117	6880	Rockford, IL MSA
118	2440	Evansville, IN-KY MSA (Kentucky portion not identified)
119	4600	Macon-Warner Robins, GA MSA
120	1400	Charleston, WV MSA
121	2400	Eugene-Springfield, OR MSA
122	0960	Binghamton, NY MSA
123	8700	Visalia-Tulare-Porterville, CA MSA
124	3680	Johnstown, PA MSA
125	2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
126	5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
127	7000	Salem, OR MSA
128	6460	Poughkeepsie, NY MSA
129	2560	Fayetteville, NC MSA
130	1800	Columbus, GA-AL MSA (Alabama portion not in sample)
131	2700	Fort Myers, FL MSA
132	7000	South Bend-Mishawaka, IN MSA
133	6520	Provo-Orem, UT MSA (Central City portion only identified)
134	1240	Brownsville-Harlingen, TX MSA
135	7520	Savannah, GA MSA
136	7510	Sarasota, FL MSA
137	6000	Roanoke, VA MSA
138	4600	Lubbock, TX MSA
139	3080	Lafayette, LA MSA
140	3810	Killeen-Temple, TX MSA
141	7920	Springfield, MO MSA
142	3720	Kalamazoo, MI MSA
143	0300	Anchorage, AK MSA
144	6720	Reno, NV MSA (Central City portion only identified)
145	3290	Hickory, NC MSA
146	3440	Huntsville, AL MSA
147	8000	Waterbury, CT MSA

<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
148	8240	Tallahassee, FL MSA
149	6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)
150	6400	Portland, ME MSA
151	4360	Lincoln, NE MSA
152	0920	Biloxi-Gulfport, MS MSA
153	3350	Houma-Thibodaux, LA MSA
154	7080	Springfield, IL MSA
156	1000	Boise City, ID MSA
157	2900	Gainesville, FL MSA
150	9000	Wheeling, WV-OH MSA (Ohio portion not identified)
161	8000	Waco, TX MSA
163	3960	Lake Charles, LA MSA
164	1360	Cedar Rapids, IA MSA
165	5400	New Bedford, MA MSA
166	1400	Champaign-Urbana-Rantoul, IL MSA
169	2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
170	1140	Bradenton, FL MBA
171	0480	Asheville, NC MSA
172	0870	Benton Harbor, MI MSA
173	8920	Waterloo-Cedar Falls, IA MSA
174	2670	Fort Collins-Loveland, CO MBA
178	8440	Topeka, KA MSA (Central City portion only identified)
179	1620	Chico, CA MSA
180	5320	Muskegon, MI MSA
181	4320	Lima, OH MSA
184	5790	Ocala, FL MSA
185	3520	Jackson, MS MSA
186	5200	Monroe, LA MSA
192	8600	Tuscaloosa, AL MSA
193	0780	Battle Creek, MI MSA
194	0405	Anderson, SC MSA
197	5910	Olympia, WA MSA
198	8320	Terre Haute, IN MSA
199	2650	Florence, AL MSA
201	0280	Altoona, PA MSA
202	0400	Anderson, IN MSA
203	4760	Manchester, NH MSA
204	4890	Medford, OR MBA
207	3710	Joplin, MO MSA
209	4800	Mansfield, OH MSA
211	7610	Sharon, PA MSA
216	6560	Pueblo, CO MSA
219	4200	Lawton, OK MSA
221	1040	Bloomington-Normal, IL MSA
222	2750	Fort Walton Beach, FL MSA
224	1305	Burlington, VT MSA
225	9140	Williamsport, PA MSA
226	7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231	7760	Sioux Falls, SD MSA
233	2655	Florence, SC MSA



<u>CMSA/ MSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>CMSA/MSA TITLE</u>
240	0860	Bellingham, WA MSA
242	9340	Yuba City, CA MSA
246	1740	Colombia, MO MSA
247	2880	Gadsden, AL MSA
248	2580	Fayetteville-Springdale, AK MSA
252	3740	Kankakee, IL MSA

## LIST 2: PMSA 1983 RANK CODES (PMSARANK)

Note: The PMSA Rank is assigned based on a PMSA's population when compared to other PMSA's within the parent CMSA,

<u>CMSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA PMSA CODE</u>	<u>PMSA TITLE</u>
001	01	5600	New York, NY
	02	5380	Nassau-Suffolk, NY
	03	5640	Newark, NJ
	04	0875	Bergen-Passaic, NJ
	05	5015	Middlesex-Somerset-Hunterdon, NJ
	06	5190	Monmouth-Ocean, NJ
	07	3640	Jersey City, NJ
	00	1160	Bridgeport-Milford, CT
	09	5950	Orange County, NY
	10	8040	Stamford, CT
	11	1930	Danbury, CT
	12	5760	Norwalk, CT
002	01	4480	Los Angeles-Long Beach, CA
	02	0360	Anaheim-Santa Ana, CA
	03	6700	Riverside-San Bernardino, CA
	04	6000	Oxnard-Ventura, CA
003	01	1600	Chicago, IL
	02	2960	Gary-Hammond, IN
	03	3965	Lake County, IL
	04	3690	Joliet, IL
	05	0620	Aurora-Elgin, IL
004	01	6160	Philadelphia, PA-NJ
	02	9160	Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.)
	03	8400	Trenton, NJ
005	01	5775	Oakland, CA
	02	7360	San Francisco, CA
	03	7400	San Jose, CA
	04	8720	Vallejo-Fairfield-Napa, CA
	05	7500	Santa Rosa-Petaluma, CA
	06	7485	Santa Cruz, CA
006	01	2160	Detroit, MI
	02	0440	Ann Arbor, MS
007	01	1120	Boston, MA
	02	4160	Lawrence-Haverill, MA-NH (New Hampshire portion not identified)
	03	7090	Salem-Gloucester, MA
	04	4560	Lowell, MA-NH (New Hampshire portion not identified)
	05	1200	Brockton, MA
008	01	3360	Houston, TX
	02	2920	Galveston-Texas City, TX
	03	1145	Brazoria, TX

<u>CMSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA PMSA CODE</u>	<u>PMSA TITLE</u>
010	01	1920	Dallas, TX
	02	2800	Fort Worth-Arlington, TX
011	01	1680	Cleveland, OH
	02	0080	Akron, OH
	03	4440	Lorain-Elyria, OH
012	01	5000	Miami-Hialeah, FL
	02	2600	Fort Lauderdale-Hollywood-Pompano Beach, FL
013	01	6280	Pittsburgh, PA
	02	0845	Beaver County, PA
014	01	7040	St. Louis, MO-IL (Illinois portion not identified)
018	01	7600	Seattle, WA
	02	8200	Tacoma, WA
021	01	2080	Denver, CO
	02	1125	Boulder-Longmont, CO
022	01	1640	Cincinnati, OH-KY-IN (Indiana portion not identified)
	02	3200	Hamilton-Middletown, OH
024	01	5080	Milwaukee, WI
	02	6600	Racine, WI
026	01	6440	Portland, OR
	02	8725	Vancouver, WA
030	01	1200	Buffalo, NY
	02	5700	Niagara Falls, NY
034	01	6400	Providence, RI
	02	6060	Pawtucket-Woonsocket-Attleboro, RI-MA (Rhode Island-Central City portion only identified)
036	01	3200	Hartford, CT
	02	5440	New Britain, CT

**LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)**

<b>CMSA/MSA RANK CODE (MSARANK)</b>	<b>PMSA RANK CODE (PMSARANK)</b>	<b>INDIVIDUAL CENTRAL CITY CITY CODE (CCCODE)</b>	<b>CITY</b>
001	03	1	Newark, NJ
		2	Elizabeth, NJ
002	01	1	Los Angeles, CA
		2	Long Beach, CA
		3	Pasadena, CA
		0	Others
	02	1	Anaheim, CA
		2	Santa Ana, CA
	03	1	Riverside, CA
003	01	0	Others
		1	Chicago, IL
	02	0	Others
		1	Gary, IN
005	01	0	Others
		1	Oakland, CA
006	01	0	Others
		1	Detroit, MI
007	01	0	Others
		1	Boston, MA
010	01	0	Others
		1	Dallas, TX
	02	0	Others
		1	Fort Worth, TX
012	01	2	Arlington, TX
		1	Miami, FL
	02	0	Others
		1	Fort Lauderdale, FL
017	-	0	Others
		1	Minneapolis, MN
020	-	0	Others
		1	Tampa, FL
023	-	0	Others
		1	Phoenix, AZ
		2	Mesa, AZ
029	-	0	Others
		1	Norfolk, VA
		2	Virginia Beach, VA
		3	Newport News, VA
		4	Hampton, VA
045	-	0	Others
		1	Greensboro, NC
046	-	0	Others
		1	Albany, NY
060	-	0	Others
		1	Raleigh, NC
069	-	0	Others
		1	Springfield, MA
		0	Others



**LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)**

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
011	02	0080	Akron, OH, PMSA
046		0160	Albany-Schenectady-Troy, NY MSA
078		0200	Albuquerque, NM MSA
055		0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
201		0280	Altoona, PA MSA
002	02	0360	Anaheim-Santa Ana, CA PMSA
143		0380	Anchorage, AK MSA
202		0400	Anderson, IN MSA
194		0405	Anderson, SC MSA
006	02	0440	Ann Arbor, MI PMSA
111		0460	Appleton-Oshkosh-Neenah, WI MSA
171		0480	Asheville, NC MSA
015		0520	Atlanta, GA MSA
094		0600	Augusta, GA-SC MSA
003	05	0620	Aurora-Elgin, IL PMSA
056		0640	Austin, TX MSA
075		0680	Bakersfield, CA MSA
016		0720	Baltimore, MD MSA
066		0760	Baton Rouge, LA MSA
193		0780	Battle Creek, MI MSA
086		0840	Beaumont-Port Arthur, FL MSA
013	02	0845	Beaver County, PA PMSA
240		0860	Bellingham, WA MSA
172		0870	Denton Harbor, MI MSA
001	04	0875	Bergen-Passaic, NJ PMSA
152		0920	Biloxi-Gulfport, MS MSA
122		0960	Binghamton, NY MSA
043		1000	Birmingham, AL MSA
221		1040	Bloomington-Normal, IL MSA
156		1080	Boise City, ID MSA
007	01	1120	Boston, MA PMSR
021	02	1125	Boulder-Longmont, CO PMSA
170		1140	Bradenton, FL MSA
008	03	1145	Brazoria, TX PMSA
001	08	1160	Bridgeport-Milford, CT PMSA
007	05	1200	Brockton, MA PMSA
134		1240	Brownsville-Harlingen, TX MSA
030	01	1280	Buffalo, NY PMSA
224		1305	Burlington, VT MSA
085		1320	Canton, OH MSA
164		1360	Cedar Rapids, IA MSA
166		1400	Champaign-Urbana-Rantoul, IL MSA
073		1440	Charleston, SC MSA
120		1480	Charleston, WV MSA
035		1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
081		1560	Chattanooga, TN-A MSA (Marion and Sequatchie counties Tennessee not in sample)

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
003	01	1600	Chicago, IL PMSA
179		1620	Chico, CA MSA
022	01	1640	Cincinnati, OH-KY-IN PMSA (Indiana portion not identified)
011	01	1680	Cleveland, OH PMSA
100		1720	Colorado Springs, CO MSA
246		1740	Colombia, MO MSA
080		1760	Columbia, SC MSA
130		1800	Columbus, GA-AL MSA (Alabama portion not in sample)
020	-	1840	Columbus, OH MSA
095		1880	Corpus Christi, TX MSA
010	01	1920	Dallas, TX PMSA
001	11	1930	Danbury, CT PMSA
088		1960	Davenport-Rock Island-Moline, IA-IL MSA
041		2000	Dayton-Springfield, OH MSA
112		2020	Daytona Beach, FL MSA
021	01	2080	Denver, CO PMSA
090		2120	Des Moines, IA MSA (Dallas county not in sample)
006	01	2160	Detroit, MI PMSA
125		2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
070		2320	El Paso, TX MSA
116		2360	Erie, PA MSA
121		2400	Eugene-Springfield, OR MSA
118		2440	Evansville, IN-KY MSA (Kentucky portion not identified)
120		2560	Fayetteville, NC MSA
248		2580	Fayetteville-Springdale, AK MSA
077		2640	Flint, MI MSA
199		2650	Florence, AL MSA
233		2655	Florence, SC MSA
174		2670	Fort Collins-Loveland, CO MSA
012	02	2600	Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA
131		2700	Fort Myers, FL MSA
169		2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
222		2750	Fort Walton Beach, FL MSA
097		2760	Fort Wayne, IN MSA
010	02	2800	Fort Worth-Arlington, TX PMSA
065		2840	Fresno, CA MSA
247		2880	Gadsden, AL MSA
157		2900	Gainesville, FL MSA
008	02	2920	Galveston-Texas City, TX PMSA
003	02	2960	Gary-Hammond, IN PMSA
057		3000	Grand Rapids, MI MSA
045		3120	Greenboro-Winston Salem-High Point, NC MSA
061		3160	Greenville-Spartanburg, SC MSA
022	02	3200	Hamilton-Middletown, OH PMSA
064		3240	Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
036	01	3200	Hartford, CT PMSA
145		3290	Hickory, NC MSA
047		3320	Honolulu, HI MSA
153		3350	Houma-Thibodaux, LA MSA
008	01	3360	Houston, TX PMSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
101		3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
146		3440	Huntsville, AL MSA
032		3480	Indianapolis, IN MSA
185		3520	Jackson, MS MSA
092		3560	Jackson, MS MSA
050		3600	Jacksonville, FL MSA
001	07	3640	Jersey City, NJ PMSA
076		3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
124		3680	Johnstown, PA MSA
003	04	3690	Joliet, IL PMSA
207		3710	Joplin, MO MSA
142		3720	Kalamazoo, MI MSA
252		3740	Kankakee, IL MSA
025		3760	Kansas City, MO-KS MSA
140		3810	Killeen-Temple, TX MSA
062		3040	Knoxville, TN MSA
139		3880	Lafayette, LA MSA
163		3960	Lake Charles, LA MSA
003	03	3965	Lake County, IL PMSA
099		3980	Lakeland-Winter Haven, FL MSA
091		4000	Lancaster, PA MSA
083		4040	Lansing-East Lansing, MI MSA
060		4120	Las Vegas, NV MSA
007	02	4160	Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)
219		4200	Lawton, OK MSA
104		4280	Lexington-Fayette, KY MSA
181		4320	Lima, OH MSA
151		4360	Lincoln, NE MSA
072		4400	Little Rock-North Little Rock, AK MSA
011	03	4440	Lorain-Elyria, OH PMSA
002	01	4480	Los Angeles-Long Beach, CA PMSA
040		4520	Louisville, KY-IN MSA
007	04	4560	Lowell, MA-NH PMSA (New Hampshire portion not identified)
138		4600	Lubbock, TX MSA
119		4680	Macon-Warner Robins, GA MSA
102		4720	Madison, WI MSA
203		4760	Manchester, NH MSA
209		4800	Mansfield, OH MSA
103		4880	McAllen-Edinburg-Mission, TX MSA
204		4890	Medford, OR MSA
110		4900	Melbourne-Titusville-Palm Bay, FL MSA
042		4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
012	01	5000	Miami-Hialeah, FL PMSA
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA
024	01	5000	Milwaukee, WI PMSA
017		5120	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
074		5160	Mobile, AL MSA (Baldwin county not in sample)



<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
113		5170	Modesto, CA MSA
001	06	5190	Monmouth-Ocean, NJ PMSA
106		5200	Monroe, LA MSA
115		5240	Montgomery, AL MSA
100		5320	Muskegon, MI MSA
044		5360	Nashville, TN MSA
001	02	5380	Nassau-Suffolk, NY PMSA
165		5400	New Bedford, MA MSA
036	02	5440	New Britain, CT PMSA
071		5400	New Haven-Meriden, CT MSA
126		5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
027		5560	New Orleans, LA MSA
001	01	5600	New York, NY PMSA
001	03	5640	Newark, NJ PMSA
030	02	5700	Niagara Falls, NY PMSA
029		5720	Norfolk-Virginia Beach-Newport News, VA MSA
001	12	5760	Norwalk, CT PMSA
005	01	5775	Oakland, CA PMSA
184		5790	Ocala, FL MSA
039		5880	Oklahoma City, OK MSA
197		5910	Olympia, WA MSA
059		5920	Omaha, NE-IA MSA (Iowa portion not identified)
001	09	5950	Orange County, NY PMSA
048		5960	Orlando, FL MSA
002	04	6000	Oxnard-Ventura, CA PMSA
034	02	6060	Pawtucket-Woonsocket-Attleboro, RI-MA PMSA (Rhode Island Central City portion only identified)
100		6000	Pensacola, FL MSA
093		6120	Peoria, IL MSA
004	01	6160	Philadelphia, PA-NJ PMSA
023		6200	Phoenix, AZ MSA
013	01	6200	Pittsburgh, PA PMSA
150		6400	Portland, ME MSA
026	01	6440	Portland, OR PMSA
149		6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)
128		6460	Poughkeepsie, NY MSA
034	01	6480	Providence, RI PMSA
133		6520	Provo-Orem, UT MSA (Central City portion only identified)
216		6560	Pueblo, CO MSA
024	02	6600	Racine, WI PMSA
060		6640	Raleigh-Durham, NC MSA
107		6600	Reading, PA MSA
144		6720	Reno, NV MSA (Central City portion only identified)
049		6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
002	03	6700	Riverside-San Bernardino, CA PMSA
137		6800	Roanoke, VA MSA
038		6840	Rochester, NY MSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
079		9040	Wichita, KA MSA
225		9140	Williamsport, PA MSA
004	02	9160	Wilmington, DE-NJ-MD PMSA (New Jersey portion not identified, Maryland portion suppressed.)
004		9240	Worcester, MA MSA
087		9280	York, PA MSA
067		9320	Youngstown-Warren, OH MSA
242		9340	Yuba City, CA MSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
117		6880	Rockford, IL MSA
031		6920	Sacramento, CA MSA
082		6960	Saginaw-Bay City-Midland, MI MSA
014	01	7040	St, Louis, FL PMSA (Illinois portion not identified)
127		7080	Salem, OR MSA
007	03	7090	Salem-Gloucester, MA PMSA
109		7120	Salinas-Seaside-Monterey, CA MSA
037		7160	Salt Lake City-Ogden, UT MSA
033		7240	San Antonio, TX MSA
019		7320	San Diego, CA MSA
005	02	7360	San Francisco, CA PMSA
005	03	7400	San Jose, CA PMSA
106		7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
005	06	7485	Santa Cruz, CA PMSA
005	05	7500	Santa Rosa-Petaluma, CA PMSA
136		7510	Sarasota, FL MSA
135		7520	Savannah, GA MSA
051		7560	Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
018	01	7600	Seattle, WA PMSA
211		7610	Sharon, PA MSA
096		7680	Shreveport, LA MSA
226		7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231		7760	Sioux Falls, SD MSA
132		7800	South Bend-Mishawaka, IN MSA
090		7840	Spokane, WA MSA
154		7880	Springfield, IL MSA
141		7920	Springfield, MO MSA
069		8000	Springfield, MA MSA
001	10	8040	Stamford, CT PMSA
089		8120	Stockton, CA MSA
054		8160	Syracuse, NY MSA
018	02	8200	Tacoma, WA PMSA
148		8240	Tallahassee, FL MSA
020		8280	Tampa-St, Petersburg-Clearwater, FL MSA
198		8320	Terre Haute, IN MSA
058		8400	Toledo, OH MSA
170		8440	Topeka, KA MSA (Central City portion only identified)
004	03	8480	Trenton, NJ PMSA
063		8520	Tucson, AZ MSA
052		8560	Tulsa, OK MSA
192		8600	Tuscaloosa, AL MSA
105		0680	Utica-Rome, NY MSA
005	04	8720	Vallejo-Fairfield-Napa, CA PMSA
026	02	8725	Vancouver, WA PMSA
123		8780	Visalia-Tulare-Porterville, CA MSA
161		8800	Waco, TX MSA
009		8840	Washington, DC-MD-VA MSA
147		8880	Waterbury, CT MSA
173		8920	Waterloo-Cedar Falls, IA MSA
053		8960	West Palm Beach-Boca Raton-Delray Beach, FL MSA
158		9000	Wheeling, WV-OH MSA (Ohio portion not identified)

<u>CMSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA PMSA CODE</u>	<u>PMSA TITLE</u>
010	01	1920	Dallas, TX
	02	2800	Fort Worth-Arlington, TX
011	01	1680	Cleveland, OH
	02	0080	Akron, OH
	03	4440	Lorain-Elyria, OH
012	01	5000	Miami-Hialeah, FL
	02	2600	Fort Lauderdale-Hollywood-Pompano Beach, FL
013	01	6280	Pittsburgh, PA
	02	0845	Beaver County, PA
014	01	7040	St, Louis, MO-IL (Illinois portion not identified)
018	01	7600	Seattle, WA
	02	8200	Tacoma, WA
021	01	2080	Denver, CO
	02	1125	Boulder-Longmont, CO
022	01	1640	Cincinnati, OH-KY-IN (Indiana portion not identified)
	02	3200	Hamilton-Middletown, OH
024	01	5080	Milwaukee, WI
	02	6600	Racine, WI
026	01	6440	Portland, OR
	02	8725	Vancouver, WA
030	01	1200	Buffalo, NY
	02	5700	Niagara Falls, NY
034	01	6400	Providence, RI
	02	6060	Pawtucket-Woonsocket-Attleboro, RI-MA (Rhode Island-Central City portion only identified)
036	01	3200	Hartford, CT
	02	5440	New Britain, CT

**LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)**

<b>CMSA/MSA RANK CODE (MSARANK)</b>	<b>PMSA RANK CODE (PMSARANK)</b>	<b>INDIVIDUAL CENTRAL CITY CITY CODE (CCCODE)</b>	<b>CITY</b>
001	03	1	Newark, NJ
		2	Elizabeth, NJ
002	01	1	Los Angeles, CA
		2	Long Beach, CA
		3	Pasadena, CA
		0	Others
	02	1	Anaheim, CA
		2	Santa Ana, CA
	03	1	Riverside, CA
		0	Others
003	01	1	Chicago, IL
		0	Others
	02	1	Gary, IN
		0	Others
005	01	1	Oakland, CA
		0	Others
006	01	1	Detroit, MI
		0	Others
007	01	1	Boston, MA
		0	Others
010	01	1	Dallas, TX
		0	Others
	02	1	Fort Worth, TX
012		2	Arlington, TX
		1	Miami, FL
	02	0	Others
		1	Fort Lauderdale, FL
		0	Others
017	-	1	Minneapolis, MN
		0	Others
020	-	1	Tampa, FL
		0	Others
023	-	1	Phoenix, AZ
		2	Mesa, AZ
		0	Others
029	-	1	Norfolk, VA
		2	Virginia Beach, VA
		3	Newport News, VA
		4	Hampton, VA
		0	Others
045	-	1	Greensboro, NC
		0	Others
046	-	1	Albany, NY
		0	Others
060	-	1	Raleigh, NC
		0	Others
069	-	1	Springfield, MA
		0	Others

**LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)**

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
011	02	0080	Akron, OH, PMSA
046		0160	Albany-Schenectady-Troy, NY MSA
078		0200	Albuquerque, NM MSA
055		0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
201	02	0280	Altoona, PA MSA
002		0360	Anaheim-Santa Ana, CA PMSA
143		0380	Anchorage, AK MSA
202		0400	Anderson, IN MSA
194	02	0405	Anderson, SC MSA
006		0440	Ann Arbor, MI PMSA
111		0460	Appleton-Oshkosh-Neenah, WI MSA
171		0480	Asheville, NC MSA
015	05	0520	Atlanta, GA MSA
094		0600	Augusta, GA-SC MSA
003		0620	Aurora-Elgin, IL PMSA
056		0640	Austin, TX MSA
075	02	0680	Bakersfield, CA MSA
016		0720	Baltimore, MD MSA
066		0760	Baton Rouge, LA MSA
193		0780	Battle Creek, MI MSA
086	02	0840	Beaumont-Port Arthur, FL MSA
013		0845	Beaver County, PA PMSA
240		0860	Bellingham, WA MSA
172		0870	Benton Harbor, MI MSA
001	04	0875	Bergen-Passaic, NJ PMSA
152		0920	Biloxi-Gulfport, MS MSA
122		0960	Binghamton, NY MSA
043		1000	Birmingham, AL MSA
221	01	1040	Bloomington-Normal, IL MSA
156		1080	Boise City, ID MSA
007		1120	Boston, MA PMSA
021		1125	Boulder-Longmont, CO PMSA
170	03	1140	Bradenton, FL MSA
008		1145	Brazoria, TX PMSA
001		1160	Bridgeport-Milford, CT PMSA
007		1200	Brockton, MA PMSA
134	01	1240	Brownsville-Harlingen, TX MSA
030		1280	Buffalo, NY PMSA
224		1305	Burlington, VT MSA
085		1320	Canton, OH MSA
164	01	1360	Cedar Rapids, IA MSA
166		1400	Champaign-Urbana-Rantoul, IL MSA
073		1440	Charleston, SC MSA
120		1480	Charleston, WV MSA
035	01	1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
081		1560	Chattanooga, TN-A MSA (Marion and Sequatchie counties Tennessee not in sample)
003	01	1600	Chicago, IL PMSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
179		1620	Chico, CA MSA
022	01	1640	Cincinnati, OH-KY-IN PMSA (Indiana portion not identified)
011	01	1680	Cleveland, OH PMSA
100		1720	Colorado Springs, CO MSA
246		1740	Colombia, MO MSA
080		1760	Columbia, SC MSA
130		1800	Columbus, GA-AL MSA (Alabama portion not in sample)
020	-	1840	Columbus, OH MSA
095		1880	Corpus Christi, TX MSA
010	01	1920	Dallas, TX PMSA
001	11	1930	Danbury, CT PMSR
088		1960	Davenport-Rock Island-Moline, IA-IL MSA
041		2000	Dayton-Springfield, OH MSA
112		2020	Daytona Beach, FL MSA
021	01	2080	Denver, CO PMSA
090		2120	Des Moines, IA MSA (Dallas county not in sample)
006	01	2160	Detroit, MI PMSA
125		2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
070		2320	El Paso, TX MSA
116		2360	Erie, PA MSA
121		2400	Eugene-Springfield, OR MSA
118		2440	Evansville, IN-KY MSA (Kentucky portion not identified)
129		2560	Fayetteville, NC MSA
248		2580	Fayetteville-Springdale, AR MSA
077		2640	Flint, MI MSA
199		2650	Florence, AL MSA
233		2655	Florence, SC MSA
174		2670	Fort Collins-Loveland, CO MSA
012	02	2680	Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA
131		2700	Fort Myers, FL MSA
169		2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
222		2750	Fort Walton Beach, FL MSA
097		2760	Fort Wayne, IN MSA
010	02	2800	Fort Worth-Arlington, TX PMSA
065		2840	Fresno, CA MSA
247		2880	Gadsden, AL MSA
157		2900	Gainesville, FL MSA
008	02	2920	Galveston-Texas City, TX PMSA
003	02	2960	Gary-Hammond, IN PMSA
057		3000	Grand Rapids, MI MSA
045		3120	Greenboro-Winston Salem-High Point, NC MSA
061		3160	Greenville-Spartanburg, SC MSA
022	02	3200	Hamilton-Middletown, OH PMSA
064		3240	Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
036	01	3280	Hartford, CT PMSA
145		3290	Hickory, NC MSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
047		3320	Honolulu, HI MSA
153		3350	Houma-Thibodaux, LA MSA
008	01	3360	Houston, TX PMSA
101		3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
146		3440	Huntsville, AL MSA
032		3480	Indianapolis, IN MSA
185		3520	Jackson, MI MSA
092		3560	Jackson, MS MSA
050		3600	Jacksonville, FL MSA
001	07	3640	Jersey City, NJ PMSA
076		3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
124		3680	Johnstown, PA MSA
003	04	3690	Joliet, IL PMSA
207		3710	Joplin, MO MSA
142		3720	Kalamazoo, MI MSA
252		3740	Kankakee, IL MSA
025		3760	Kansas City, MO-KS MSA
140		3810	Killeen-Temple, TX MSA
062		3840	Knoxville, TN MSA
139		3880	Lafayette, LA MSA
163		3960	Lake Charles, LA MSA
003	03	3965	Lake County, IL PMSA
099		3980	Lakeland-Winter Haven, FL MSA
091		4000	Lancaster, PA MSA
083		4040	Lansing-East Lansing, MI MSA
060		4120	Las Vegas, NV MSA
007	02	4160	Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)
219		4200	Lawton, OK MSA
104		4280	Lexington-Fayette, KY MSA
181		4320	Lima, OH MSA
151		4360	Lincoln, NE MSA
072		4400	Little Rock-North Little Rock, AR MSA
011	03	4440	Lorain-Elyria, OH PMSA
002	01	4480	Los Angeles-Long Beach, CA PMSA
040		4520	Louisville, KY-IN MSA
007	04	4560	Lowell, MA-NH PMSA (New Hampshire portion not identified)
138		4600	Lubbock, TX MSA
119		4680	Macon-Warner Robins, GA MSA
102		4720	Madison, WI MSA
203		4760	Manchester, NH MSA
209		4800	Mansfield, OH MSA
103		4880	McAllen-Edinburg-Mission, TX MSA
204		4890	Medford, OR MSA
110		4900	Melbourne-Titusville-Palm Bay, FL MSA
042		4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
012	01	5000	Miami-Hialeah, FL PMSA
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA
024	01	5080	Milwaukee, WI PMSA



<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
017		5120	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
074		5160	Mobile, AL MSA (Baldwin county not in sample)
113		5170	Modesto, CA MSA
001	06	5190	Monmouth-Ocean, NJ PMSA
106		5200	Monroe, LA MSA
115		5240	Montgomery, AL MSA
100		5320	Muskegon, MI MSA
044		5360	Nashville, TN MSA
001	02	5380	Nassau-Suffolk, NY PMSA
165		5400	New Bedford, MA MSA
036	02	5440	New Britain, CT PMSA
071		5480	New Haven-Meriden, CT MSA
126		5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
027		5560	New Orleans, LA MSA
001	01	5600	New York, NY PMSA
001	03	5640	Newark, NJ PMSA
030	02	5700	Niagara Falls, NY PMSA
029		5720	Norfolk-Virginia Beach-Newport News, VA MSA
001	12	5760	Norwalk, CT PMSA
005	01	5775	Oakland, CA PMSA
184		5790	Ocala, FL MSA
039		5880	Oklahoma City, OK MSA
197		5910	Olympia, WA MSA
059		5920	Omaha, NE-IA MSA (Iowa portion not identified)
001	09	5950	Orange County, NY PMSA
048		5960	Orlando, FL MSA
002	04	6000	Oxnard-Ventura, CA PMSA
034	02	6060	Pawtucket-Woonsocket-Attleboro, RI-MA PMSA (Rhode Island Central City portion only identified)
100		6080	Pensacola, FL MSA
093		6120	Peoria, IL MSA
004	01	6160	Philadelphia, PA-NJ PMSA
023		6200	Phoenix, AZ MSA
013	01	6280	Pittsburgh, PA PMSA
150		6400	Portland, ME MSA
026	01	6440	Portland, OR PMSA
149		6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)
128		6460	Poughkeepsie, NY MSA
034	01	6480	Providence, RI PMSA
133		6520	Provo-Orem, UT MSA (Central City portion only identified)
216		6560	Pueblo, CO MSA
024	02	6600	Racine, WI PMSA
060		6640	Raleigh-Durham, NC MSA
107		6680	Reading, PA MSA
144		6720	Reno, NV MSA (Central City portion only identified)

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
049		6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
002	03	6780	Riverside-San Bernardino, CA PMSA
137		6800	Roanoke, VA MSA
038		6840	Rochester, NY MSA
117		6880	Rockford, IL MSA
031		6920	Sacramento, CA MSA
082		6960	Saginaw-Bay City-Midland, MI MSA
014	01	7040	St. Louis, FL PMSA (Illinois portion not identified)
127		7080	Salem, OR MSA
007	03	7090	Salem-Gloucester, MA PMSA
109		7120	Salinas-Seaside-Monterey, CA MSA
037		7160	Salt Lake City-Ogden, UT MSA
033		7240	San Antonio, TX MSA
019		7320	San Diego, CA MSA
005	02	7360	San Francisco, CA PMSA
005	03	7400	San Jose, CA PMSA
106		7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
005	06	7485	Santa Cruz, CA PMSA
005	05	7500	Santa Rosa-Petaluma, CA PMSA
136		7510	Sarasota, FL MSA
135		7520	Savannah, GA MSA
051		7560	Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
018	01	7600	Seattle, WA PMSA
211		7610	Sharon, PA MSA
096		7680	Shreveport, LA MSA
226		7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231		7760	Sioux Falls, SD MSA
132		7800	South Bend-Mishawaka, IN MSA
090		7840	Spokane, WA MSA
154		7880	Springfield, IL MSA
141		7920	Springfield, MO MSA
069		8000	Springfield, MA MSA
001	10	8040	Stamford, CT PMSA
089		8120	Stockton, CA MSA
054		8160	Syracuse, NY MSA
018	02	8200	Tacoma, WA PMSA
148		8240	Tallahassee, FL MSA
020		8280	Tampa-St. Petersburg-Clearwater, FL MSA
198		8320	Terre Haute, IN MSA
058		8400	Toledo, OH MSA
170		8440	Topeka, KS MSA (Central City portion only identified)
004	03	8480	Trenton, NJ PMSA
063		8520	Tucson, AZ MSA
052		8560	Tulsa, OK MSA
192		8600	Tuscaloosa, AL MSA
105		8680	Utica-Rome, NY MSA
005	04	8720	Vallejo-Fairfield-Napa, CA PMSA

<u>CMSA/ MSA RANK CODE</u>	<u>PMSA RANK CODE</u>	<u>FIPS MSA/ PMSA CODE</u>	<u>MSA/PMSA TITLE</u>
026	02	8725	Vancouver, WA PMSA
123		8780	Visalia-Tulare-Porterville, CA MSA
161		8800	Waco, TX MSA
009		8840	Washington, DC-MD-VA MSA
147		8880	Waterbury, CT MSA
173		8920	Waterloo-Cedar Falls, IA MSA
053		8960	West Palm Beach-Boca Raton-Delray Beach, FL MSA
158		9000	Wheeling, WV-OH MSA (Ohio portion not identified)
079		9040	Wichita, KS MSA
225		9140	Williamsport, PA MSA
004	02	9160	Wilmington, DE-NJ-MD PMSA (New Jersey portion not identified, Maryland portion suppressed.)
004		9240	Worcester, MA MSA
087		9280	York, PA MSA
067		9320	Youngstown-Warren, OH MSA
242		9340	Yuba City, CA MSA

## APPENDIX F

### Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly earnings does not exceed an annualized wage of \$100,000 (\$1923.07 per week). Below is a list of the appropriate topcodes,

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	\$56.56	67	\$28.70
2	None	35	\$54.94	68	\$28.28
3	None	36	\$53.41	69	\$27.87
4	None	37	\$51.97	70	\$27.47
5	None	38	\$50.60	71	\$27.08
6	None	39	\$49.30	72	\$26.70
7	None	40	\$48.07	73	\$26.34
8	None	41	\$46.90	74	\$25.98
9	None	42	\$45.78	75	\$25.64
10	None	43	\$44.72	76	\$25.30
11	None	44	\$43.70	77	\$24.97
12	None	45	\$42.73	78	\$24.65
13	None	46	\$41.80	79	\$24.34
14	None	47	\$40.91	80	\$24.03
15	None	48	\$40.06	81	\$23.74
16	None	49	\$39.24	82	\$23.45
17	None	50	\$38.46	83	\$23.16
18	None	51	\$37.70	84	\$22.89
19	None	52	\$36.98	85	\$22.62
20	\$96.15	53	\$36.28	86	\$22.36
21	\$91.57	54	\$35.61	87	\$22.10
22	\$87.41	55	\$34.96	88	\$21.85
23	\$83.61	56	\$34.34	89	\$21.60
24	\$80.12	57	\$33.73	90	\$21.36
25	\$76.92	58	\$33.15	91	\$21.13
26	\$73.96	59	\$32.59	92	\$20.90
27	\$71.22	60	\$32.05	93	\$20.67
28	\$68.68	61	\$31.52	94	\$20.45
29	\$66.31	62	\$31.01	95	\$20.24
30	\$64.10	63	\$30.52	96	\$20.03
31	\$62.03	64	\$30.04	97	\$19.82
32	\$60.09	65	\$29.58	98	\$19.62
33	\$58.27	66	\$29.13	99	\$19.42



## APPENDIX G

### SOURCE AND RELIABILITY OF THE DATA FOR THE MARCH 1988 CURRENT POPULATION SURVEY MICRODATA FILE

Table of Contents	Page
SOURCE OF DATA	1
Basic CPS	1
Supplement	1
Estimation	1
RELIABILITY OF ESTIMATES	2
Nonsampling Variability	2
Sampling Variability	3
Comparability of Data	4
Note When Using Small Estimates	4
Standard Error Tables and Their Use	4
Standard Errors of Estimated Numbers	5
Illustration of the Computation of the Standard Error of an Estimated Number	5
Standard Errors of Estimated Percentages	6
Illustration of the Computation of the Standard Error of an Estimated Percentage	6
Standard Error of a Difference	7
Illustration of the Computation of the Standard Error of a Difference Between Estimates	7
Standard Error of a Mean for Grouped Data	7
Standard Error of a Ratio	8
Standard Error of a Median	9
Illustration of the Computation the Standard Error of a Median	10
Reliability of State Estimates	11
Computation of Standard Errors for State Estimates	11
Computation of a Factor for Groups of States	12
STANDARD ERRORS, PARAMETERS AND FACTORS	
Index	
Tables	

**Source and Reliability of the Data for the March 1988  
Current Population Survey Microdata File**

**SOURCE OF DATA**

The data for this survey were obtained in March 1988 from the Current Population Survey (CPS) conducted by the Bureau of the Census and from supplementary questions to the CPS.

**Basic CPS.** The monthly CPS deals mainly with labor force data for the civilian noninstitutional population. Questions relating to labor force participation are asked about each member 15 years old or older in every sample household.

The present CPS sample was initially selected from the 1980 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to reflect new construction. Each month approximately 59,500 housing units are eligible for interview. Of this number, about 2,500 units are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for some other reason.

Since the inception of the CPS in 1948, the sample has been redesigned several times to upgrade the quality and reliability of the data and to meet changing data needs. The most recent changes were instituted beginning in April 1984 and completed in July 1985.

**Supplement.** In addition to the basic CPS questions, supplementary questions were asked in March 1988 about money income received from the previous calendar year, educational attainment, household and family characteristics, marital status and geographical mobility. In order to obtain more reliable data for the Hispanic-origin population, the March 1988 CPS sample was supplemented with approximately 2,500 eligible housing units that had contained at least one sample person of Hispanic-origin in the previous November sample. In addition, persons in the Armed Forces living off post or with their families on post were included, effectively adding a small number of housing units to the sample.

**Estimation.** The estimation procedure used in this survey involved the inflation of the weighted sample results to independent estimates of the total civilian noninstitutional population of the United States by age, race, sex and Hispanic/non-Hispanic categories. The independent estimates were based on statistics from decennial censuses of population; statistics on births, deaths, immigration and emigration; and statistics on the strength of the Armed Forces. An additional adjustment was made so that husband and wife in a household received the same weight. The independent estimates were based on statistics from decennial censuses of population and statistics on the strength of the Armed Forces.

## RELIABILITY OF THE ESTIMATES

Since estimates made from CPS data are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions and enumerators. There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. The accuracy of a survey result depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

**Nonsampling Variability.** Nonsampling errors can be attributed to many sources. Some of these are inability to obtain information about all cases in the sample, definitional difficulties, and differences in the interpretation of questions. Respondents may be unwilling or unable to provide or recall correct information. Errors made in data collection such as in recording or coding the data also contribute to nonsampling error. Then there are errors in processing data, errors in estimating values for missing data, and failure to represent all units with the sample (undercoverage).

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

For additional information on nonsampling error including the possible impact on CPS data when known, refer to Statistical Policy Working Paper 3, An Error Profile: Employment as Measured by the Current Population Survey, Office of Federal Statistical Policy and Standards, U.S. Department of Commerce, 1978 and Technical Paper 40, The Current Population Survey: Design and Methodology, Bureau of the Census, U.S. Department of Commerce.



**Sampling Variability.** Sampling variability is variation that occurred by chance because a sample rather than the entire population was surveyed. The standard errors provided in the following tables are estimates of the magnitude of sampling variability.

Although standard errors are the accepted measures of sampling variability, these standard errors also include the effect of some nonsampling errors in responses and enumeration but do not measure any systematic biases in the data. (Bias is the difference averaged over all possible samples, between the sample estimates and the desired value.)

Standard errors are essential in determining the reliability of specific estimates from the data and in deciding upon the statistical validity of conclusions made about the data. An example would be deciding whether the difference between two estimates is statistically significant.

Two procedures, confidence interval estimation and hypothesis testing, are commonly used to test for statistical validity. The confidence interval is a range about the sample estimate constructed so that, if the survey were to be repeated a large number of times under the same general conditions, the confidence intervals would include with a known probability the average result of all possible samples. For example, if one were to construct an interval from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate, approximately 90 percent of these intervals would include the average result of all possible samples. Although the average result may not be contained in the particular interval computed for an actual estimate, one can reason with 90 percent confidence that it is contained within the interval.

Hypothesis testing is a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the number of Whites with a college education to the number of Blacks with a college education.

Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical. For example, for a statement of difference to pass at the 0.10 level of significance, the absolute value of the estimated difference between the estimates for the characteristic must be greater than 1.6 times the standard error of the difference.

The Bureau of the Census uses as standard statistical testing criteria 90-percent confidence intervals and 0.10 significance level hypothesis tests. Consult standard textbooks on statistics for application of alternative criteria.

**Comparability of Data.** Data obtained from the CPS and other sources are not entirely comparable. This is due in large part to differences in interviewer training and experience and in differing survey processes. This is an additional component of error not reflected in the standard error tables. Therefore, caution should be used in comparing results between these different sources.

Caution should also be used when comparing estimates in this report, which reflect 1980 census-based population controls, with estimates for 1979 and earlier years. This change in population controls had relatively little impact on summary measures such as means, medians, and percent distributions, but did have a significant impact on levels. For example, use of 1980 based population controls results in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1981 and later will differ from those for earlier years by more than could be attributed to actual changes in the population. These differences could be disproportionately greater for certain sub-population groups than for the total population.

No independent population control totals for persons of Hispanic-origin were used prior to 1985. Therefore, care must also be taken when comparing Hispanic-origin estimates over time.

**Note When Using Small Estimates.** Because of the large standard errors involved, there is little chance that summary measures (such as medians and percent distributions) would reveal useful information when computed on a base smaller than 75,000. Also, care must be taken in the interpretation of small differences. For instance, even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test.

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

The figures presented in table I.A and tables I.B.1 through I.B.9 are approximations to the standard errors of various estimates for persons. To obtain the approximate standard error for a specific characteristic the appropriate standard error must be multiplied by the factor for that characteristic given in table III. These factors must be applied to the

generalized standard errors in order to adjust for the combined effect of the sample design and the estimating procedure on the value of the characteristic.

Standard errors for intermediate values not shown in the generalized tables of standard errors may be approximated by linear interpolation.

Two parameters,  $a$  and  $b$ , are used to calculate standard errors for each type of characteristic; they are presented in table IV. These parameters were used to calculate the standard errors in tables I.A, I.B.1 through I.B.9, II.A, and II.B.1 through II.B.5 and to calculate the factors in table IV. They also may be used directly to calculate the standard errors for estimated numbers and percentages. Methods for computation are given in the following sections.

**Standard Errors of Estimated Numbers.** The approximate standard error,  $s_x$ , of an estimated number can be obtained in two ways. It may be obtained by use of the formula

$$s_x = fs \quad (1)$$

where  $f$  is the appropriate factor from table III and  $s$  is the standard error on the estimate obtained by interpolation from table I.A. Alternatively, the standard error may be approximated by formula (2) from which the standard errors in table I.A were calculated. Use of this formula will provide more accurate results than use of formula (1).

$$s_x = \sqrt{ax^2 + bx}. \quad (2)$$

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in table IV associated with the particular characteristic.

**Illustration of the Computation of the Standard Error of an Estimated Number.** Suppose that there were 8,419,000 high school graduates aged 20 to 24 years old. Using formula (2) with  $a = -0.000010$  and  $b = 2,312$  from table IV, the approximate standard error is

$$\begin{aligned} s_x &\sim \sqrt{(-0.000010)(8,419,000)^2 + (2,312)(8,419,000)} \\ &= 137,000. \end{aligned}$$

Using the 137,000 estimate of standard error, the 90-percent confidence interval as shown by the data is from 8,199,800 to 8,638,200, i.e.,  $8,419,000 \pm (1.6)(137,000)$ . Therefore, a conclusion that the average estimate lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Alternatively, using formula (1) and values of  $f$  and  $s$  from tables III and I.A, respectively, the approximate standard error is  $1.00 \times 135,000 = 135,000$ .

**Standard Errors of Estimated Percentages.** The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which this percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameters or factors from tables IV and III indicated by the numerator. The approximate standard error,  $s_{x,p}$ , of an estimated percentage can be obtained by use of the formula:

$$s_{x,p} = fs. \quad (3)$$

In this formula,  $f$  is the appropriate factor from table III and  $s$  is the standard error on the estimate from tables I.B.1 through I.B.9. Alternatively, it may be approximated by the following formula from which the standard errors in tables I.B.1 through I.B.9 were calculated. Use of this formula will give more accurate results than use of formula (3) above.

$$s_{x,p} = \sqrt{\frac{b}{x} - p(100 - p)}. \quad (4)$$

Here  $x$  is the size of the subclass of persons or households which is the base of the percentage,  $p$  is the percentage ( $0 \leq p \leq 100$ ) and  $b$  is the parameter in table IV associated with the particular characteristic in the numerator of the percentage.

**Illustration of the Computation of the Standard Error of a Percentage.** Suppose that there were 8,419,000 high school graduates aged 20 to 24 of whom 12 percent were Black. Using formula (4), with  $b = 2,312$ , the approximate standard error of 12.0 percent is

$$s_{x,p} \sim \sqrt{\frac{2,312}{8,419,000} - (12.0)(88.0)} \sim 0.5.$$

Alternatively, using formula (3), the approximate standard error is  $1.00 \times 0.5 = 0.5$ .

Consequently, the 90-percent confidence interval for percentage of high school graduates aged 20 to 24 who were Black is 11.2 to 12.8 percent, i.e.,  $12.0 \pm (1.6)(0.5)$ .

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

$$s_{x-y} = \sqrt{s_x^2 + s_y^2} \quad (5)$$

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

**Illustration of the Computation of the Standard Error of a Difference Between Estimates.** Suppose that 8,419,000 persons 25 to 29 years old and 8,228,000 persons 20 to 24 years old had completed four years of high school and no more. The apparent difference is 191,000 persons. The standard error on 8,419,000 was previously shown to be approximately 137,000 persons. The standard error on 8,228,000, computed in the same way, is approximately 135,000 persons. Using formula (5), the standard error of the estimated difference of 191,000 persons is about

$$s_{x-y} \sim \sqrt{137,000^2 + 135,000^2} = 192,000.$$

This means that the 90-percent confidence interval around the difference is from -116,200 to 498,200. Since this interval contains zero, we cannot conclude that the number of persons who completed four years of high school and no more is different for 20 to 24 years olds and 25 to 29 year olds.

**Standard Error of a Mean for Grouped Data.** The formula used to estimate the standard error of a mean for grouped data is

$$s_x = \sqrt{(b/y)S^2} \quad (6)$$

In this formula,  $y$  is the size of the base of the distribution and  $b$  is a parameter from table IV. The variance,  $S^2$ , is given by the following formula:

$$S^2 = \sum_{i=1}^C p_i \bar{x}_i^2 - \bar{x}^2 \quad (7)$$

Here  $\bar{x}$  is the mean of the distribution and is estimated by

$$\bar{x} = \sum_{i=1}^C p_i \bar{x}_i \quad (8)$$

$c$  is the number of groups;  $i$  indicates a specific group, thus taking on values 1 through  $c$ .

$p_i$  is the estimated proportion of households, families or persons whose values, for the characteristic ( $x$ -values) being considered, fall in group  $i$ .

$\bar{x}_i = (Z_{i-1} + Z_i)/2$  where  $Z_{i-1}$  and  $Z_i$  are the lower and upper interval boundaries, respectively, for group  $i$ .  $\bar{x}_i$  is assumed to be the most representative value for the characteristic for households, families or persons in group  $i$ . Group  $c$  is open-ended, i.e., no upper interval boundary exists. For this group the approximate average value is

$$\bar{x}_c = \frac{3}{2} Z_{c-1}. \quad (9)$$

**Standard Error of a Ratio.** Certain values for persons in families or households may be calculated as the ratio of two numbers. For example, the mean number of persons per family or household is calculated as

$$\frac{x}{y} = \frac{\text{total number of persons in families}}{\text{total number of families}}.$$

Standard errors for these means may be approximated as shown below. There are two cases to consider. In either case, the denominator,  $y$ , represents a count of families or households of a certain class, and the numerator,  $x$ , represents a count of persons with the characteristic under consideration who are members of these families or households.

**Case 1:** There is at least one person having the characteristic in every family or household of the class, for example, the mean number of persons per family or the mean number of persons per family with a male house-holder. For ratios of this kind, the standard errors are approximated by the following formula:

$$s_{x/y} = \frac{x}{y} \sqrt{\left[\frac{s_x}{x}\right]^2 + \left[\frac{s_y}{y}\right]^2 - 2r \frac{s_x}{x} \frac{s_y}{y}} \quad (10)$$

The standard error of the estimated number of households,  $s_y$ , and the standard error of the estimated number of persons with the characteristic in those households,  $s_x$ , may be obtained from formula (2). Alternatively, formula (1) and tables I.A and II.A may be used. In formula (10),  $r$  represents the correlation coefficient between the numerator and the denominator of the estimate. In the above example, and for other ratios of this kind, use 0.7 as an estimate of  $r$ .

**Case 2:** The number of persons having the characteristic in a given household may be 0, 1, 2, 3, or more, for example, the mean number of persons under 18 years of age per family. For ratios of this kind the standard error is approximated by formula (10) but  $r$  is assumed to be zero. If  $r$  is actually positive (negative), then this procedure will provide an over-estimate (underestimate) of the standard error of the ratio.

**NOTE:** For estimates expressed as the ratio of  $x$  per 100 $y$  or  $x$  per 1,000 $y$ , formula (10) must be multiplied by 100 or 1,000, respectively, to obtain the standard error for Case 1 and Case 2.

**Standard Error of a Median.** The sampling variability of an estimated median depends upon the form of the distribution and the size of its base. An approximate method for measuring the reliability of an estimated median is to determine a confidence interval about it. (See the section on sampling variability for a general discussion of confidence intervals.) The following procedure may be used to estimate the 68-percent confidence limits of a median based on sample data.

- (1) Determine, using the standard error tables and factors or formula (4), the standard error of the estimate of 50 percent from the distribution.
- (2) Add to and subtract from 50 percent the standard error determined in step (1).
- (3) Using the distribution of the characteristic, calculate the 68-percent confidence interval by calculating the values corresponding to the two points established in step (2).

Use the formula for  $x_{pN}$  below and a tabulated cumulative relative distribution of the characteristic to interpolate between values.

$$x_{pN} = \frac{pN - N_1}{N_2 - N_1} (A_2 - A_1) + A_1 \quad (11)$$

where

$x_{pN}$  = estimated upper and lower bounds for the confidence interval ( $0 \leq p \leq 1$ ). For purposes of calculating the confidence interval,  $p$  takes on the values determined in step (2). Note that  $x_{pN}$  estimates the median when  $p = 0.50$  is used in the formula.

$N$  = for distribution of numbers: the total number of units (persons, households, etc.) for the characteristic in the distribution.

- for distribution of percents: the value 1.0.

p = the values obtained in step (2).

A<sub>1</sub>, A<sub>2</sub> = the lower and upper bounds, respectively, on the data interval in which the median falls.

N<sub>1</sub>, N<sub>2</sub> = for distribution of numbers: the estimated number of units (persons, households, etc.) with values of the characteristic greater than or equal to A<sub>1</sub> and A<sub>2</sub>, respectively.

- for distribution of percents: the estimated percent of units (persons, households, etc.) having values of the characteristic greater than or equal to A<sub>1</sub> and A<sub>2</sub>, respectively.

- (4) Divide the difference between the two points determined in step (3) by two to obtain the standard error of the median. step (3)

Illustration of the Computation of a Standard Error of a Median. In Table 5 the median income for families was \$30,853 in 1987. The size, or base, of the distribution from which this median was determined was 65,133,000 families.

- (1) Using formula (2) with b = 1,896, the standard error of 50 percent on a base of 65,133,000 is about 0.3 percent.
- (2) To obtain a 68-percent confidence interval on an estimated median, add to and subtract from 50 percent the standard error found in step (1). This yields percent limits of 49.7 and 50.3.
- (3) The lower and upper limits for the interval in which the median falls are \$30,000 and \$32,500, respectively (from Table 5). Then, by addition, the estimated numbers of families with an income greater than or equal to \$30,000 and \$32,500 are 33,633,000 and 30,508,000, respectively.

Using formula (5), the upper limit for the confidence interval of the median is found to be about

$$\frac{(0.497)(65,133,000) - 33,633,000}{30,508,000 - 33,633,000} (32,500 - 30,000) + 30,000$$

= \$31,010

Similarly, the lower limit is found to be about

$$\frac{(0.503)(65,133,000) - 33,633,000}{30,508,000 - 33,633,000} (32,500 - 30,000) + 30,000$$



= \$30,697

Thus, a 68-percent confidence interval for the median income for families is from \$30,697 to \$31,010.

(4) The standard error of the median is, therefore,

$$\frac{31,010 - 30,697}{2} = \$157.$$

**Reliability of State Estimates.** The 1980 redesign provided an opportunity to increase efficiency and reliability for state data. All strata are defined within state boundaries. 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 has been achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling ratios differ among the states. In general, the smaller the population of the state the larger the sampling proportion. For example, in Vermont approximately 1 in every 300 households was sampled each month. In New York the sample was about 1 in every 1,600 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger percentage of the national population.

**Computation of Standard Errors for State Estimates.** Standard errors for states and selected groups of states, may be obtained by adjusting national level generalized standard errors or a and b parameters in conjunction with the standard error equations described earlier. To use the generalized standard errors for estimates of levels, multiply the national level standard errors in tables I.A and II.A by the square root of the factor in table V for the state of interest. For estimates of percents, the square root of the state factor should be used in conjunction with the factors in table III and the standard errors in tables I.B.1 through I.B.9 or II.B.1 through II.B.5.

To use a and b parameters in calculating state-level standard errors for estimates of levels, multiply the national a and b parameters from table IV by the factor in table V for the state of interest. For estimates of percents the b parameter only, from table IV, is multiplied by the state factor from table V.

As an example, suppose the sample shows that there were 2,182,000 persons of Hispanic origin living in New York, 32.4 percent of whom had completed four years or more of high

school. Interpolation in generalized table I.B.1 shows the standard error on 32.4 percent to be approximately 1.69. Table III shows the factor for persons of Hispanic origin with educational attainment to be 0.74. The appropriate factor for New York from table V is 1.10. Thus, the standard error on the 32.4 percent of persons of Hispanic origin who completed four years of high school or more is approximately equal to  $1.3 = 1.69 \times 0.74 \times 1.10$ .

Computation of a Factor for Groups of States. The factor for a group of states may be obtained by computing a weighted sum of the factors for the individual states in the group, depending on the combination of states, the resulting figure can be an overestimate. The factor for a group of  $n$  states is given by

$$f = \frac{\sum_{i=1}^n \text{1980 census population of state } i \times f_i}{\sum_{i=1}^n \text{1980 census population of state } i}$$

where  $f_i$  is the factor for state  $i$  obtained from table V. The 1980 census population for each state is given in table V.

For example, suppose a factor for the state group Illinois-Wisconsin-Michigan was desired. The correct factor would be

$$\begin{aligned} f &= \frac{11,427,414 \times 1.21 + 4,705,642 \times 1.44 + 9,262,070 \times 1.14}{11,427,414 + 4,705,642 + 9,262,070} \\ &= 1.23 \end{aligned}$$

# STANDARD ERRORS, PARAMETERS AND FACTORS

## Index

### I. Standard Errors for Persons

#### A. Estimated Numbers

##### Table I.A. Standard Errors of Estimated Numbers of Persons for Selected Characteristics

For the following characteristics by Total or  
White, Black and other races and Hispanic Origin:

- Educational Attainment
- Employment
- Persons Tabulated by Family Income
- Income
- Marital Status, Household, and Family Characteristics
- Mobility
  - Demographic Characteristics
  - U.S., County, State, Regional, or MSA
- Poverty
- Unemployment

#### B. Estimated Percentages

Standard Errors of Estimated Percentages for Characteristics  
of Persons as follows:

- Table I.B.1. Educational Attainment: Total or White
- Table I.B.2. Employment: All
- Table I.B.3. Tabulated by Family Income: Total or  
White
- Table I.B.4. Income: Total or White
- Table I.B.5. Marital Status, Household and Family  
Characteristics: Total or White
- Table I.B.6. Mobility: Demographic Characteristics:  
All
- Table I.B.7. Mobility: U.S., County, State, Regional,  
or MSA: All
- Table I.B.8. Poverty: All
- Table I.B.9. Unemployment: Total or White

## **II. Standard Errors for Families, Households, or Unrelated Individuals**

### **A. Estimated Numbers**

#### **Table II.A. Standard Errors of Estimated Number of Families, Households, or Unrelated Individuals for Selected Characteristics**

For the following characteristics by Total or White, Black and other races, and Hispanic Origin:

- Employment
- Income
- Marital Status, Household and Family Characteristics
- Poverty
- Unemployment

### **B. Estimated Percentages**

Standard Errors of Estimated Percentages for Characteristics of Families, Households, or Unrelated Individuals as follows:

Table II.B.1. Employment: All

Table II.B.2. Income: Total or White

Table II.B.3. Marital Status, Household and Family Characteristics: Total or White

Table II.B.4. Poverty: All

Table II.B.5. Unemployment: Total or White

## **III. Factors and Parameters**

Table III. Factors to be Applied to Tables I.B.1 through I.B.9 and Tables II.B.1 through II.B.5.

Table IV. "a" and "b" Parameters for Standard Error Estimates for Persons and Families

Table V. Factors to be Applied to the Standard Error Parameters In Table IV to Obtain Parameters for State Standard Errors

Table 1.A. Standard Errors of Estimated Numbers of Persons for Selected Characteristics (in thousands)

Characteristic	Size of Estimates (in thousands)														
	25	50	100	250	500	1,000	2,500	5,000	10,000	15,000	25,000	30,000	50,000	100,000	150,000
<b>Educational Attainment</b>															
Total or White	8	11	15	24	34	48	76	106	149	180	227	246	301	362	349
Black and Other	8	11	16	25	36	50	78	106	138	152	146	122	(x)	(x)	(x)
Hispanic Origin	8	11	16	25	36	50	75	98	112	94	(x)	(x)	(x)	(x)	(x)
<b>Employment</b>															
Total or White	8	11	15	24	34	48	76	107	149	181	228	247	302	364	352
Black and Other	8	11	15	24	34	48	74	100	130	144	137	114	(x)	(x)	(x)
Hispanic Origin	8	11	15	24	34	47	71	93	106	89	(x)	(x)	(x)	(x)	(x)
<b>Persons Tabulated by</b>															
<b>Family Income</b>															
Total or White	14	19	27	43	61	87	137	192	269	326	411	445	547	666	658
Black and Other	15	21	29	46	65	92	142	193	251	278	266	223	(x)	(x)	(x)
Hispanic Origin	15	21	29	46	65	90	137	179	204	171	(x)	(x)	(x)	(x)	(x)
<b>Income</b>															
Total or White	7	10	14	23	32	45	72	101	141	171	215	233	285	343	330
Black and Other	8	11	15	24	34	48	74	101	132	146	139	117	(x)	(x)	(x)
Hispanic Origin	8	11	15	24	34	47	72	94	107	89	(x)	(x)	(x)	(x)	(x)
<b>Marital Status, Household and Family</b>															
Total or White	11	15	21	33	47	67	105	148	207	251	316	342	420	508	494
Black and Other	13	18	25	40	56	79	122	167	217	240	229	193	(x)	(x)	(x)
Hispanic Origin	13	18	25	40	56	78	118	154	176	147	(x)	(x)	(x)	(x)	(x)
<b>Mobility</b>															
<b>Demography</b>															
Total or White	8	11	16	25	35	50	78	110	154	186	235	255	313	382	380
Black and Other	8	11	16	25	35	49	76	103	134	149	142	120	(x)	(x)	(x)
Hispanic Origin	8	11	16	25	34	48	71	89	83	(x)	(x)	(x)	(x)	(x)	(x)
<b>U. S., County, State, Regional or MSA</b>															
Total or White	13	18	26	41	58	82	129	181	253	307	387	419	514	623	611
Black and Other	13	18	26	41	57	81	125	170	221	244	234	196	(x)	(x)	(x)
Hispanic Origin	13	18	26	41	59	85	140	213	339	457	685	797	1,242	2,345	3,445
<b>Poverty</b>															
Total or White	16	22	31	49	69	98	154	217	304	368	464	503	618	750	738
Black and Other	16	22	31	49	69	97	150	204	265	294	281	236	(x)	(x)	(x)
Hispanic Origin	16	22	31	49	68	96	145	189	216	181	(x)	(x)	(x)	(x)	(x)
<b>Unemployment</b>															
Total or White	7	11	15	23	33	47	74	104	145	176	223	241	296	361	358
Black and Other	8	11	16	25	35	50	77	105	136	151	145	122	(x)	(x)	(x)
Hispanic Origin	8	11	16	25	35	49	74	97	111	93	(x)	(x)	(x)	(x)	(x)

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

When the characteristic of interest is total state population, the standard error is 0.0.

(x) Not applicable.

**Table I.B.1. Standard Errors of Estimated Percentages for Persons  
Educational Attainment  
Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	3.0	4.3	6.6	9.1	13.2	15.0
50	2.1	3.0	4.7	6.5	9.3	10.8
100	1.5	2.1	3.3	4.6	6.6	7.6
250	1.0	1.3	2.1	2.9	4.2	4.8
500	0.7	1.0	1.5	2.0	2.9	3.4
1,000	0.5	0.7	1.0	1.4	2.1	2.4
2,500	0.3	0.4	0.7	0.9	1.3	1.5
5,000	0.2	0.3	0.5	0.6	0.9	1.1
10,000	0.2	0.2	0.3	0.5	0.7	0.8
25,000	0.10	0.13	0.2	0.3	0.4	0.5
50,000	0.07	0.10	0.15	0.2	0.3	0.3
100,000	0.05	0.07	0.10	0.14	0.2	0.2

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

**Table I.B.2. Standard Errors of Estimated Percentages for Persons  
Employment  
All**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	3.0	4.3	6.6	9.2	13.2	15.3
50	2.1	3.0	4.7	6.5	9.3	10.8
100	1.5	2.1	3.3	4.6	6.6	7.6
250	1.0	1.4	2.1	2.9	4.2	4.8
500	0.7	1.0	1.5	2.0	3.0	3.4
1,000	0.5	0.7	1.1	1.4	2.1	2.4
2,500	0.3	0.4	0.7	0.9	1.3	1.5
5,000	0.2	0.3	0.5	0.6	0.9	1.1
10,000	0.2	0.2	0.3	0.5	0.7	0.8
25,000	0.10	0.14	0.2	0.3	0.4	0.5
50,000	0.07	0.10	0.2	0.2	0.3	0.3
100,000	0.05	0.07	0.11	0.14	0.2	0.2

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

**Table I.B.3. Standard Errors of Estimated Percentages for Persons  
Tabulated by Family Income  
Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	5.5	7.7	12.0	16.5	23.8	27.5
50	3.9	5.4	8.5	11.6	16.8	19.4
100	2.7	3.8	6.0	8.2	11.9	13.7
250	1.7	2.4	3.8	5.2	7.5	8.7
500	1.2	1.7	2.7	3.7	5.3	6.1
1,000	0.9	1.2	1.9	2.6	3.8	4.3
2,500	0.5	0.8	1.2	1.6	2.4	2.7
5,000	0.4	0.5	0.8	1.2	1.7	1.9
10,000	0.3	0.4	0.6	0.8	1.2	1.4
25,000	0.2	0.2	0.4	0.5	0.8	0.9
50,000	0.12	0.2	0.3	0.4	0.5	0.6
100,000	0.09	0.12	0.2	0.3	0.4	0.4

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

**Table I.B.4. Standard Errors of Estimated Percentages for Persons  
Income  
Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	2.9	4.0	6.3	8.6	12.5	14.4
50	2.0	2.9	4.4	6.1	8.8	10.2
100	1.4	2.0	3.1	4.3	6.2	7.2
250	0.9	1.3	2.0	2.7	3.9	4.6
500	0.6	0.9	1.4	1.9	2.8	3.2
1,000	0.5	0.6	1.0	1.4	2.0	2.3
2,500	0.3	0.4	0.6	0.9	1.2	1.4
5,000	0.2	0.3	0.4	0.6	0.9	1.0
10,000	0.14	0.2	0.3	0.4	0.6	0.7
25,000	0.09	0.13	0.2	0.3	0.4	0.5
50,000	0.06	0.09	0.14	0.2	0.3	0.3
100,000	0.05	0.06	0.10	0.2	0.2	0.2

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

**Table I.B.5. Standard Errors of Estimated Percentages for Persons  
Marital Status, Household and Family Characteristics  
Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	4.2	5.9	9.2	12.7	18.3	21.2
50	3.0	4.2	6.5	9.0	13.0	15.0
100	2.1	3.0	4.6	6.3	9.2	10.6
250	1.3	1.9	2.9	4.0	5.8	6.7
500	0.9	1.3	2.1	2.8	4.1	4.7
1,000	0.7	0.9	1.5	2.0	2.9	3.3
2,500	0.4	0.6	0.9	1.3	1.8	2.1
5,000	0.3	0.4	0.7	0.9	1.3	1.5
10,000	0.2	0.3	0.5	0.6	0.9	1.1
25,000	0.13	0.2	0.3	0.4	0.6	0.7
50,000	0.09	0.13	0.2	0.3	0.4	0.5
100,000	0.07	0.09	0.2	0.2	0.3	0.3

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

**Table I.B.6. Standard Errors of Estimated Percentages for Persons  
Mobility: Demographic Characteristics  
All**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	3.1	4.4	6.8	9.4	13.6	15.7
50	2.2	3.1	4.8	6.7	9.6	11.1
100	1.6	2.2	3.4	4.7	6.8	7.8
250	1.0	1.4	2.2	3.0	4.3	5.0
500	0.7	1.0	1.5	2.1	3.0	3.5
1,000	0.5	0.7	1.1	1.5	2.1	2.5
2,500	0.3	0.4	0.7	0.9	1.4	1.6
5,000	0.2	0.3	0.5	0.7	1.0	1.1
10,000	0.2	0.2	0.3	0.5	0.7	0.8
25,000	0.10	0.14	0.2	0.3	0.4	0.5
50,000	0.07	0.10	0.2	0.2	0.3	0.4
100,000	0.05	0.07	0.11	0.2	0.2	0.2

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.



**Table I.B.7. Standard Errors of Estimated Percentages for Persons Mobility: U.S., County, State, Regional or MSA All**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	5.1	7.2	11.3	15.5	22.4	25.9
50	3.6	5.1	8.0	11.0	15.8	18.3
100	2.6	3.6	5.6	7.8	11.2	12.9
250	1.6	2.3	3.6	4.9	7.1	8.2
500	1.2	1.6	2.5	3.5	5.0	5.8
1,000	0.8	1.1	1.8	2.5	3.5	4.1
2,500	0.5	0.7	1.1	1.6	2.2	2.6
5,000	0.4	0.5	0.8	1.1	1.6	1.8
10,000	0.3	0.4	0.6	0.8	1.1	1.3
25,000	0.2	0.2	0.4	0.5	0.7	0.8
50,000	0.12	0.2	0.3	0.3	0.5	0.6
100,000	0.08	0.11	0.2	0.2	0.4	0.4

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

**Table I.B.8. Standard Errors of Estimated Percentages for Persons Poverty All**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	6.2	8.7	13.5	18.6	26.9	31.0
50	4.4	6.1	9.6	13.2	19.0	21.9
100	3.1	4.3	6.8	9.3	13.4	15.5
250	2.0	2.7	4.3	5.9	8.5	9.8
500	1.4	1.9	3.0	4.2	6.0	6.9
1,000	1.0	1.4	2.1	2.9	4.2	4.9
2,500	0.6	0.9	1.4	1.9	2.7	3.1
5,000	0.4	0.6	1.0	1.3	1.9	2.2
10,000	0.3	0.4	0.7	0.9	1.3	1.6
25,000	0.2	0.3	0.4	0.6	0.8	1.0
50,000	0.14	0.2	0.3	0.4	0.6	0.7

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

**Table I.B.9. Standard Errors of Estimated Percentages for Persons  
Unemployment  
Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	3.0	4.2	6.5	8.9	12.9	14.9
50	2.1	2.9	4.6	6.3	9.1	10.5
100	1.5	2.1	3.2	4.5	6.4	7.4
250	0.9	1.3	2.0	2.8	4.1	4.7
500	0.7	0.9	1.4	2.0	2.9	3.3
1,000	0.5	0.7	1.0	1.4	2.0	2.3
2,500	0.3	0.4	0.6	0.9	1.3	1.5
5,000	0.2	0.3	0.5	0.6	0.9	1.1
10,000	0.2	0.2	0.3	0.4	0.6	0.7
25,000	0.09	0.13	0.2	0.3	0.4	0.5
50,000	0.07	0.09	0.14	0.2	0.3	0.3
100,000	0.05	0.07	0.10	0.14	0.2	0.2

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

Table II.A. Standard Errors of Estimated Numbers of Families, Households, or Unrelated Individuals for Selected Characteristics (in thousands)

Characteristics	Size of Estimates (in thousands)														
	25	50	100	250	500	1,000	2,500	5,000	10,000	15,000	25,000	30,000	50,000	100,000	200,000
<b>Employment</b>															
Total or White	7	10	14	22	32	45	71	99	139	169	213	231	284	348	287
Black and Other Races	7	10	14	22	32	44	69	93	121	134	129	109	(x)	(x)	(x)
Hispanic Origin	7	10	14	22	31	44	66	86	99	82	(x)	(x)	(x)	(x)	(x)
<b>Income</b>															
Total or White	7	10	14	22	31	43	68	96	135	163	206	223	273	331	243
Black and Other races	7	10	14	23	32	44	68	90	108	105	(x)	(x)	(x)	(x)	(x)
Hispanic Origin	7	10	14	23	32	44	67	88	100	83	(x)	(x)	(x)	(x)	(x)
<b>Marital Status, Household and Family Characteristics</b>															
Total or White	7	9	13	21	30	42	66	93	131	158	200	217	267	328	275
Black and Other Races	6	9	13	20	28	40	61	83	108	120	115	97	(x)	(x)	(x)
Hispanic Origin	6	9	13	20	28	39	59	77	88	74	(x)	(x)	(x)	(x)	(x)
<b>Poverty</b>															
Total or White	7	10	14	23	32	46	75	112	170	223	323	371	560	1,023	1,943
Black and Other Races	7	10	14	23	32	46	75	112	170	223	323	371	560	1,023	1,943
Hispanic Origin	7	10	14	23	32	46	75	112	170	223	323	371	560	1,023	1,943
<b>Unemployment</b>															
Total or White	7	11	15	23	33	47	74	104	145	176	223	241	296	361	285
Black and Other Races	8	11	16	25	35	50	77	105	136	151	145	122	(x)	(x)	(x)
Hispanic Origin	8	11	16	25	35	49	74	97	111	93	(x)	(x)	(x)	(x)	(x)

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

(x) Not Applicable.

**Table II.B.1. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals**  
**Employment**  
**All**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	2.8	4.0	6.2	8.5	12.3	14.2
50	2.0	2.8	4.4	6.0	8.7	10.0
100	1.4	2.0	3.1	4.3	6.1	7.1
250	0.9	1.3	2.0	2.7	3.9	4.5
500	0.6	0.9	1.4	1.9	2.7	3.2
1,000	0.4	0.6	1.0	1.3	1.9	2.2
2,500	0.3	0.4	0.6	0.9	1.2	1.4
5,000	0.2	0.3	0.4	0.6	0.9	1.0
10,000	0.14	0.2	0.3	0.4	0.6	0.7
25,000	0.09	0.13	0.2	0.3	0.4	0.4
50,000	0.06	0.09	0.14	0.2	0.3	0.3

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

**Table II.B.2. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals**  
**Income**  
**Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	2.7	3.9	6.0	8.3	11.9	13.8
50	1.9	2.7	4.2	5.8	8.4	9.7
100	1.4	1.9	3.0	4.1	6.0	6.9
250	0.9	1.2	1.9	2.6	3.8	4.4
500	0.6	0.9	1.3	1.8	2.7	3.1
1,000	0.4	0.6	0.9	1.3	1.9	2.2
2,500	0.3	0.4	0.6	0.8	1.2	1.4
5,000	0.2	0.3	0.4	0.6	0.8	1.0
10,000	0.14	0.2	0.3	0.4	0.6	0.7
25,000	0.09	0.12	0.2	0.3	0.4	0.4
50,000	0.06	0.09	0.13	0.2	0.3	0.3

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

**Table II.B.3. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals by Marital Status, Household and Family Characteristics and Educational Attainment Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	2.7	3.7	5.8	8.0	11.5	13.3
50	1.9	2.6	4.1	5.7	8.2	9.4
100	1.3	1.9	2.9	4.0	5.8	6.7
250	0.8	1.2	1.8	2.5	3.7	4.2
500	0.6	0.8	1.3	1.8	2.6	3.0
1,000	0.4	0.6	0.9	1.3	1.8	2.1
2,500	0.3	0.4	0.6	0.8	1.2	1.3
5,000	0.2	0.3	0.4	0.6	0.8	0.9
10,000	0.13	0.2	0.3	0.4	0.6	0.7
25,000	0.08	0.12	0.2	0.3	0.4	0.4
50,000	0.06	0.08	0.13	0.2	0.3	0.3

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Other Races and Hispanic Origin.

**Table II.B.4. Standard Errors of Estimated Percentages for Families, Households, or Unrelated Individuals Poverty All**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	2.9	4.0	6.3	8.6	12.5	14.4
50	2.0	2.8	4.4	6.1	8.8	10.2
100	1.4	2.0	3.1	4.3	6.2	7.2
250	0.9	1.3	2.0	2.7	3.9	4.5
500	0.6	0.9	1.4	1.9	2.8	3.2
1,000	0.5	0.6	1.0	1.4	2.0	2.3
2,500	0.3	0.4	0.6	0.9	1.2	1.4
5,000	0.2	0.3	0.4	0.6	0.9	1.0
10,000	0.14	0.2	0.3	0.4	0.6	0.7
25,000	0.09	0.13	0.2	0.3	0.4	0.5
50,000	0.06	0.09	0.14	0.2	0.3	0.3
100,000	0.05	0.06	0.10	0.14	0.2	0.2

NOTE: Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

**Table II.B.5. Standard Errors of Estimated Percentages for Families,  
Households, or Unrelated Individuals  
Unemployment  
Total or White<sup>1</sup>**

Base of Percentage (thousands)	Estimated Percentage					
	1 or 99	2 or 98	5 or 95	10 or 90	25 or 75	50
25	3.0	4.2	6.5	8.9	12.9	14.9
50	2.1	2.9	4.6	6.3	9.1	10.5
100	1.5	2.1	3.2	4.5	6.4	7.4
250	0.9	1.3	2.0	2.8	4.1	4.7
500	0.7	0.9	1.4	2.0	2.9	3.3
1,000	0.5	0.7	1.0	1.4	2.0	2.3
2,500	0.3	0.4	0.6	0.9	1.3	1.5
5,000	0.2	0.3	0.5	0.6	0.9	1.1
10,000	0.15	0.2	0.3	0.4	0.6	0.7
25,000	0.09	0.13	0.2	0.3	0.4	0.5
50,000	0.07	0.09	0.14	0.2	0.3	0.3

**NOTE:** Multiply these standard errors by 1.5 when tabulating by nonmetropolitan.

<sup>1</sup>See Table III for factors to be applied to these standard errors for Black and Others Races and Hispanic Origin.

Table III. Factors to be Applied to Tables I.B.1 Through I.B.9  
and Tables II.B.1 Through II.B.5

Characteristic	Factor		
	Total or White	Black and Other Races	Hispanic Origin
<b>PERSONS</b>			
Educational Attainment	1.00	1.06	1.06
Employment	1.00	1.00	1.00
Persons Tabulated by Family Income	1.00	1.07	1.07
Income	1.00	1.07	1.07
Marital Status, Household and Family Characteristics	1.00	1.20	1.20
Mobility			
Demographic Characteristics	1.00	1.00	1.00
U.S., County, State, Regional or MSA	1.00	1.00	1.00
Poverty	1.00	1.00	1.00
Unemployment	1.00	1.07	1.07
<b>FAMILIES, HOUSEHOLDS OR UNRELATED INDIVIDUALS</b>			
Employment	1.00	1.00	1.00
Income	1.00	0.25	0.25
Marital Status, Household and Family Characteristics	1.00	0.95	0.95
Poverty	1.00	1.00	1.00
Unemployment	1.00	1.07	1.07

NOTE: When the characteristic of interest is the total state  
population, the factor is 0.00.

**Table IV. a and b Parameters for Standard Error Estimates for  
Persons and Families  
March 1968**

Characteristic	Total or White		Black		Hispanic Origin	
	a	b	a	b	a	b
<b>PERSONS</b>						
Educational Attainment	-0.000010	2,312	-0.000070	2,600	-0.000134	2,600
Employment Characteristics	-0.000010	2,327	-0.000063	2,327	-0.000120	2,327
Persons by Family Income	-0.000031	7,540	-0.000232	8,620	-0.000445	8,620
Income	-0.000009	2,077	-0.000064	2,374	-0.000123	2,374
Marital Status, Household and Family Characteristics	-0.000019	4,480	-0.000173	6,426	-0.000332	6,426
Mobility Characteristics						
Demographic Characteristics	-0.000010	2,462	-0.000066	2,462	-0.000178	2,462
U.S., County, State, Regional, or MSA	-0.000028	6,685	-0.000180	6,685	-0.000483	6,685
Poverty	-0.000040	9,628	-0.000259	9,628	-0.000497	9,628
Unemployment	-0.000009	2,206	-0.000068	2,536	-0.000131	2,536
<b>FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS</b>						
Employment Characteristics	-0.000008	2,013	-0.000054	2,013	-0.000104	2,013
Income	-0.000008	1,896	-0.000089	2,067	-0.000107	2,067
Marital Status, Household and Family Characteristics, Educational Attainment, Population by Age and/or Sex	-0.000007	1,778	-0.000043	1,606	-0.000083	1,606
Poverty	+0.000084	2,067	+0.000084	2,067	+0.000084	2,067
Unemployment	-0.000009	2,206	-0.000068	2,536	-0.000131	2,536

(x) Not applicable.

NOTE: Multiply a and b parameters by 1.5 when tabulating by nonmetropolitan.

If the characteristic of interest is total state population, not subtotaed by race or ethnic origin, the a and b parameters are 0.0.



**Table V. Factors to be Applied to the Standard  
Error Parameters in Table IV to Obtain  
Parameters for State Standard Errors<sup>1</sup>**

<u>State</u>	<u>Factor<sup>2</sup></u>	<u>1980 Census Population</u>
Alabama	0.98	3,893,978
Alaska	0.11	401,851
Arizona	0.90	2,718,425
Arkansas	0.71	2,286,419
California	1.14	23,667,826
Colorado	0.88	2,889,735
Connecticut	1.01	3,107,576
Delaware	0.22	594,338
Dist. of Col.	0.25	638,432
Florida	0.25	9,746,421
Georgia	1.23	5,463,087
Hawaii	0.32	964,691
Idaho	0.31	935,038
Illinois	1.21	11,427,414
Indiana	1.08	5,490,260
Iowa	0.88	2,913,808
Kansas	0.81	2,364,236
Kentucky	1.21	3,660,257
Louisiana	0.98	4,206,098
Maine	0.37	1,125,030
Maryland	1.07	4,216,941
Massachusetts	0.89	5,737,081
Michigan	1.14	9,262,070
Minnesota	1.16	4,075,970
Mississippi	0.69	2,520,631
Missouri	1.14	4,916,759
Montana	0.26	786,690
Nebraska	0.52	1,569,825
Nevada	0.34	800,493
New Hampshire	0.35	920,610
New Jersey	1.09	7,365,011
New Mexico	0.42	1,303,445
New York	1.10	17,558,072
North Carolina	1.26	5,881,813
North Dakota	0.22	652,717
Ohio	1.15	10,797,624
Oklahoma	0.87	3,025,495
Oregon	0.89	2,633,149
Pennsylvania	1.14	11,864,751
Rhode Island	0.36	947,154
South Carolina	0.93	3,122,814
South Dakota	0.21	690,768
Tennessee	1.23	4,591,120
Texas	1.34	14,227,574
Utah	0.45	1,461,037

**Table V. (cont.) Factors to be Applied to the Standard  
Error Parameters in Table IV to Obtain  
Parameters for State Standard Errors<sup>1</sup>**

<u>State</u>	<u>Factor<sup>2</sup></u>	<u>1980 Census Population</u>
Vermont	0.19	511,456
Virginia	1.60	5,346,797
Washington	1.29	4,132,204
West Virginia	0.55	1,950,258
Wisconsin	1.44	4,705,642
Wyoming	0.18	469,557

<sup>1</sup>For standard errors of estimated numbers apply the square root of the above factors to tables I.A and II.A; for percents apply the square root of the above factors to tables I.B.1 through I.B.9 and II.B.1 through II.B.5 in conjunction with table III.

<sup>2</sup>The a parameters for states are obtained by multiplying the above factors by the a parameter in table IV of the characteristic of interest fo

the total or white or all races category only. The above factors are applied to the b parameter for any race or Hispanic Origin.



## **APPENDIX H**

### **User Notes**

**This section will contain information relevant to the 1988 March Annual Demographic File that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.**

User Notes will be sent to all users who (1) purchased their file (or technical documentation) from the Census Bureau and (2) returned the coupon following the title page.





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

**Current Population Survey**  
**March 1988**

**User Note No. 1**

The attached Source and Reliability Statement should be added to your March 1988 CPS documentation as Appendix G. The revised Table of Contents page reflects this addition. All user notes will now be in Appendix H.

Pages have been inserted into documentation.

March 1989





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

**Current Population Survey**  
**March 1988**

**User Note No. 2**

Attached are instructions to correct recode field COVERGH in the March 1988 Current Population Survey.

March 1989







Current Population Survey (CPS)  
March 1988

User Note No. 2

An error has been discovered in the recode field COVERGH.

As a result of this error, the number of persons with a "Yes" in COVERGH is too high. The correct recode can be generated by using the algorithm shown below.

- A) For each family on the CPS file (including related subfamilies), store the following fields for each person in the family:

RELHEAD  
FAMREL  
INCLINGH  
WHOELSHI  
AGE  
MARSTAT

Do the following for every person in the family:

- 1) Set COVERGH = 2
- 2) If INCLINGH = 1, set COVERGH = 1 and go to next person
- 3) If RELHEAD = 1 or FAMREL = 1 and no spouse is present, go to next person
- 4) If RELHEAD = 1 or FAMREL = 1 and spouse has a value of 1 in INCLINGH and a value of 1 or 3 in WHOELSHI, set COVERGH = 1 and go to next person
- 5) If RELHEAD = 3 or FAMREL = 2 and householder or reference person has a value of 1 in INCLINGH and a value of 1 or 3 in WHOELSHI, set COVERGH = 1 and go to next person
- 6) If RELHEAD  $\neq$  4 and FAMREL  $\neq$  3, go to next person
- 7) If AGE is greater than 21 or MARSTAT  $\neq$  8, go to next person
- 8) If householder or reference person has a value of 1 in INCLINGH and a value of 2 or 3 in WHOELSHI, set COVERGH = 1 and go to next person
- 9) If no spouse present, go to next person

March 1989

10) If spouse has a value of 1 in INCLINGH and a value of 2 or 3 in WHOELSHI, set COVERGH = 1 and go to next person

11) Go to next person

B) For each unrelated individual on the file:

1) Set COVERGH = 2

2) If INCLINGH = 1, set COVERGH = 1

If COVERGH is computed as above, the weighted number of persons with a value of 1 in COVERGH will decline from the incorrect figure in the current file of 152.6 million persons to the correct figure of 146.0 million. If you have any questions, contact:

Mr. Charles Nelson  
Income Statistics Branch  
Housing & Household Economic Statistics Division  
Bureau of the Census  
Washington, D.C. 20233  
(301) 763-8576



Current Population Survey (CPS)  
March 1988

User Note No. 2-A

Changes in the Data Dictionary

Changes in the March 1988 CPS Data Dictionary are shown below. The number preceding the description (i.e. P227) indicates the character location of the data item. The next number shows the character size of the data item. The data name is followed by the definition of the data item. The definition has been changed in the 1988 dictionary to agree with the 1987 dictionary. The attached page 68 of the data dictionary indicates the changes and will replace page 68 in the technical documentation.

Person Record

<u>Location</u>	<u>Size</u>	<u>Data Name</u>	<u>Description</u>
P227	6	I53C	Dividends, rentals, trust income amount leading 1 indicates loss value ranges from -09999 to 099999
P233	5	I53D	Veterans, unemployment, workman's comp amount value ranges from 00000 to 99999



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

**Current Population Survey (CPS)**  
**March 1988**

**User Note No. 3**

Attached is Appendix B1, Occupational Classification Codes for Detailed Occupational Categories. This replaces Appendix B1 in the March 1988 Current Population Survey.

Please note the differences on page B-7. Occupation codes for Protective Service Occupations (413-427) through Service Occupations, except Protective and Household (433-469) have been added to the listing.

Corrected pages have been inserted into documentation.

June 1989



**Current Population Survey (CPS)  
March 1988**

**User Note No. 4**

Attached is replacement page 68 for the Current Population Survey March 1988 Data Dictionary.

In the person record portion of the dictionary, descriptions for two data names have changed as follows:

<u>Data Name</u>	<u>Begin</u>	<u>Old Description</u>	<u>New Description</u>
153C	227	Rentals amount	Dividends, rentals, trust income amount
153D	233	Dividend dollar amount	Veterans, unemployment, Workman's compensation Dollar amount

Pages have been inserted into documentation.

June 1989



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

**Current Population Survey (CPS)  
March 1988**

**User Note No. 5**

The attached page is part of the Source and Reliability Statement for the March 1988 Current Population Survey Microdata File. This page replaces page G-13.

Changes made are as follows:

In line 2; 1.69 to 1.54.

In line 4; 0.74; and "The appropriate factor" to "The square root of the appropriate factor."

In line 5; 1.10 to 1.05.

In line 8;  $1.3 = 1.69 \times 0.74 \times 1.10$  to  
 $1.7 = 1.54 \times 1.06 \times 1.05$ .

Corrected page G-13 has been inserted into documentation.

July 1989