# CURRENT POPULATION SURVEY, OCTOBER 1993: SCHOOL ENROLLMENT

## **TECHNICAL DOCUMENTATION**

This file documentation consists of the following materials:

Attachment 1	Abstract
Attachment 2	Overview Current Population Survey
Attachment 3	Overview October 1993 School Enrollment Survey
Attachment 4	Glossary
Attachment 5	How to Use the Data Dictionary
Attachment 6	Current Population Survey Adult's Interview Data Dictionary
Attachment 7	Current Population Survey Child's Interview Data Dictionary
Attachment 8	Current Population Survey Armed Forces' Interview Data Dictionary
Attachment 9	Current Population Survey October 1993 Adult Supplement Record Layout
Attachment 10	Current Population Survey October 1993 Children's Supplement Record Layout
Attachment 11	Selected Unweighted Tallies
Attachment 12	Questionnaire Facsimile
Attachment 13	Industry Classification Codes
Attachment 14	Occupation Classification Codes
Attachment 15	Specific Metropolitan Identifiers
Attachment 16	Topcoding of Usual Hourly Earnings
Attachment 17	Source and Accuracy Statement for the October 1993 School Enrollment Microdata File
Attachment 18	User Notes

#### NOTE

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

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

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

Additional questions about the school enrollment supplement should be directed to Robert Kominski, Population Division, Bureau of the Census, Washington, DC 20233. Phone: (301) 763-1154.

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#### **ABSTRACT**

Current Population Survey, October 1993: School Enrollment [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], 1994.

## Type Of File

Microdata; unit of observation is individuals within housing units.

## Universe Description

The universe consists of all persons in the civilian noninstitutional population of the United States living in households. The probability sample selected to represent the universe consists of approximately 57,000 households.

## **Subject-matter Description**

Data are provided on labor force activity for the week prior to the survey. Comprehensive data are available on the employment status, occupation, and industry of persons 15 years old and over. Also shown are personal characteristics such as age, sex, race, marital status, veteran status, household relationship, educational background, and Hispanic origin.

The file also contains information on school enrollment that includes the following items: current grade attending at a public or private school, whether attending college full or part-time at a 2 or 4-year institution, year last attended a regular school, and year graduated from high school.

## 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. 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: Rectangular.

File Size: 157,154 logical records; 508 character logical record length.

File Sort Sequence: State rank by CMSA/MSA rank by household identification number by line number.

<sup>1.</sup> MSA's = Metropolitan Statistical Areas; CMSA's = Consolidated Metropolitan Statistical Areas; PMSA's = Primary Metropolitan Statistical Areas.

#### **Reference Materials**

Current Population Survey, October 1993: School Enrollment Technical Documentation. Documentation contains this abstract, a questionnaire facsimile, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233.

Bureau of the Census. The Current Population Survey: Design and Methodology (Technical Paper 40) (out of print). Describes in detail the sample design and survey procedures used as well as accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries. It also is available on microfiche and microfiche paperprints from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

## **Related Printed Reports**

Bureau of the Census. Current Population Reports. Series P20, No. 443. School Enrollment Social and Economic Characteristics of Students: October 1991. Available from the U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402. S/N 803-005-00070-2. \$9.50

Bureau of the Census. Current Population Reports. Series P20, No. 452. School Enrollment-Social and Economic Characteristics of Students: October 1992. S/N 803-005-00075-3. \$10.00.

## File Availability

The file may be ordered from Data User Services Division using the Customer Services order form on the following page. The file is available on 9 track tape reel in ASCII or EBCDIC format with standard labeling, 6250 bpi or IBM 3480-compatible tape cartridge.

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#### **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 50 years. Currently, we interview about 57,000 households monthly, scientifically selected on the basis of area of residence to represent the Nation as a whole, individual States, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

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

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

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

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

#### **CPS Sample**

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

In all, some 71,000 housing units or other living quarters are assigned for interview each month; about 57,000 of them containing approximately 112,000 persons 15 years old and over are interviewed. Also included are demographic data for approximately 33,000 children 0-14 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 14,000 noninterview households

are present each month. The resulting file size is approximately 163,000 records. A more precise explanation regarding the CPS sample design is provided in Technical Paper 40, The Current Population Survey: Design and Methodology.

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

## Relationship of Current Population Survey Files to Publications

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

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

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

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the 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, \$101 per year (sold as a package only); Population Estimates and Projections, (P-25), \$27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the Census Catalog and Guide, the Monthly Product Announcement (MPA), and in Census and You.

## **Geographic Limitations**

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

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

## Weights

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

1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of

absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups--two race categories (White, and Black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, season, etc.

- 2. Ratio estimates. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:
  - a. First-stage ratio estimate. In the CPS, a portion of the 729 sample areas is chosen to represent both itself and other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, Midwest, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan/nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.
  - b. Second-stage ratio estimate. In this stage, the sample estimates of the U.S. population in the categories described below are adjusted to independently derived current estimates of the population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted for each State and the District of Columbia to an independent control for the civilian noninstitutional population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population, 15 years and over, within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of State population and of the National age-sex-race categories will be virtually equal to the independent population estimates. This second-stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the Current Population Survey beginning in January 1982," Employment and Earnings, February 1982.

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

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980 total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population

and Armed Forces. The April 1, 1980 total population was computed by adding together the resident population, consistent with that published in the 1980 census Advance Reports, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports. Data on births and deaths between April 1, 1980 and the estimate data are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total, including Armed Forces overseas. The institutional population, including Armed Forces overseas, for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 15 years old and older.

## Comparability of CPS From Microdata Files With Published Sources.

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

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

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force
		January 19	982 Data (000's)	•	
Final Weights	171,335	108,161	97,928	10,234	63,174
Composited (Not seasonally Adjusted)	171,335	108,014	97,831	10,183	63,321
Composited (Seasonally Adjusted)	171,335	108,879	99,581	9,298	62,456
		July 1982 I	<u> Data (000's)</u>		
Final Weights	172,364	112,850	101,904	10,946	59,513
Composited (Not seasonally Adjusted)	172,364	112,526	101,490	11,036	59.838
Composited (Seasonally Adjusted)	172,364	110,522	99,732	10,790	61,842

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#### **OVERVIEW**

## October 1993 School Enrollment Survey

#### I. General

Census Bureau staff conducted the October 1993 School Enrollment Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey conducted in approximately 57,000 interviewed households across the Nation. Attachment 12 contains a facsimile of the document used by the CPS with the school enrollment supplement questions for adults on pages 5, 7, 9, and 11 and children's questions on page 2.

Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey." A description of the October 1993 School Enrollment Survey follows.

#### II. Data Collection

Census staff conducted interviews during the period of October 17-23, 1993. We asked all persons 3 years or over the basic school enrollment questions as appropriate. Interviewers received a 1 1/2 hour home study that contained questions on the basic labor force questions, item-by-item instructions for the supplement, supplement exercises, and a practice interview. Regional office staff performed a supplement edit on a minimum of five CPS-1s for all field representatives to ensure the correct completion of the supplement items. Regional office staff notified the field representatives of inconsistencies or omissions detected during this editing process.

## III. Data Processing

The data processing involved editing and weighting the October supplement data. Below is a description of each process.

#### A. Edits and Allocations

1. Basic School Enrollment Items (Items 29-36, 38-41, 43, 59-62, and 70)

The data processing involved a consistency edit and allocation module for all school enrollment items.

The consistency edit mainly ensured that the entries within an individual record followed the correct skip pattern. Items with missing values were assigned values if appropriate. If not, missing values were allocated using either a "hot deck" or "cold deck" depending on the item.

2. Non-Basic Education and Computer Usage Items (Items 37, 42, 44-58, and 63-69)

The processing of these items involved a consistency edit to check for the correct skip pattern. Item 45 (computer ownership at home) was allocated using a "hot deck."

## B. Weighting

In various months, differences in the sample, questionnaire, and data uses result in the need for additional procedures to produce a "supplement weight." For the October School Enrollment supplement, the adult records are controlled to and agree with, in aggregate, published, composited (but not seasonally adjusted) October 1993 CPS labor force estimates (e.g., employed, unemployed, not in labor force, by age, race, and sex groups). Records for children

age 15 and under retain the "basic CPS weight" which reflects controlling to national age, race, sex, and Hispanic origin estimates. The supplement weight should be used in preparing all estimates using data from the supplement items.

The values and universes for each variable are defined in the supplement record layouts (Attachments 9 & 10).

## IV. October 1993 CPS/School Enrollment Computer File

## A. CPS Labor Force Data

The October 1993 CPS file contains 157,154 records. Each record contains 508 characters. Attachment 6 contains the variable name, character size, location on record, universe, and the values of the variables.

The variable H-RECTYP (located in position 0101 on the CPS Basic Items Record Layout) determines the type of record as follows:

## H-RECTYP = 1 = Interviewed adult 15+

- 2 = Type A Noninterview (These records represent households that were eligible for the October 1993 CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)
- 3 = Type B/C Noninterview (These records represent sample addresses determined to be ineligible for the CPS by virtue of being vacant, demolished, nonresidential, etc.)
- 4 = Armed Forces (For persons 15 years or over in the Armed Forces whose personal information was transcribed from the CPS control card. Note: By definition, Armed Forces members are not eligible for the labor force or supplement interviews.)
- 5 = Children 0-14 years of age.

## B. October 1993 School Enrollment Supplement Data

The October supplement data for adults are in locations 0361-0471 and for children in location 0472-0508. (See Attachments 9 & 10.)

## C. Tallying the October 1993 School Enrollment Supplement File

The October 1993 supplement universe was the full CPS sample comprised of all persons 3 years or over.

The supplement weight A-SUPWGT is in location 0463:0471. Use this weight when tallying all supplement variables of adults 16+. Use the basic weight (A-FNLWGT or C-FNLWGT in location 0248:0255) for tallying individuals age 15 or younger.

## D. Unweighted Counts

The following is a list of unweighted counts for H-RECTYP (Record Counts). Use these counts to ensure that the file is being accessed properly.

The values of H-RECTYP are:

1 =	(Interview Adults)	110,365
2 =	(Type A)	2,634
3 =	(Type B/C)	10,874
4 =	(Armed Forces)	517
5 =	(Children)	32,764

Attachment 11 is a tally listing of unweighted counts from each supplement item. Use these totals to ensure that the file is being properly accessed.

## E. Data Contacts

For questions regarding the October 1993 School Enrollment data, call Bob Kominski or Rosalind Bruno on (301) 763-1154.

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### **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 and over for CPS labor force data.

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.

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 Level of School Completed.)

Employed. (See Labor Force.)

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.

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

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 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 Level of School Completed.)

Hispanic Origin. Persons of Hispanic 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 Hispanic origin, in particular, are those who indicated that their origin was Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American, or other Hispanic.

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.

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 1990 Census of Population was used to code CPS data beginning with the January 1992 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.

		Character Pos	sition
Subject		Current or Most Recent Full-Time Job	Longest Job Last Year (Work Experience)
Industry	3 digit detailed	P 49-51	P 151-153
-	2-digit detailed (Recode)	P 52-53	P 322-323
•	Major Group Recode	N/A	P 316-317
Occupation	3-digit detailed	P 56-58	P 154-156
¥ <b>¥</b>	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.

LFSR (Labor Force Status Recode). This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items in March.

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 15 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 a Labor Force Status Recode (LFSR) of 1 or 2 respectively in character 198 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 LFSR code of 3 or 4 in character 198 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 15 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 LFSR code of 5-7 in character 198 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.

Level of School Completed/Degree Received. These data changed beginning with the January 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received?" replaced the old "Highest grade attended" and "Year completed" questions. The new question provides more accurate data on the degree status of college students. 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.

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

Marital Status. The marital status classification identifies 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."

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.

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.

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.

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.

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.

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.

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.

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

**Unemployed.** (See Labor Force.)

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

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 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.

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.

#### **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

## Middle Atlantic Division

Connecticut Maine Massachusetts New Hampshire Rhode Island New Jersey New York Pennsylvania

## MIDWEST REGION

## East North Central Division

Vermont

## West North Central Division

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

#### WEST REGION

## Mountain Division

## Pacific Division

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

<sup>1.</sup> The Midwest Region was designated as the North Central Region until June 1984.

## **SOUTH REGION**

## East South Central Division

## West South Central Division

Alabama Kentucky Mississippi Tennessee Arkansas Louisiana Oklahoma Texas

## South Atlantic Division

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

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## How to Use the Data Dictionary

The Data Dictionary describes the contents and record layout of the public-use computer tape file. The first line of each data item description gives the data name, size of the data field, and relative begin position of the field.

The next few lines contain descriptive text and any applicable notes. Categorical value codes and labels are given where needed. Comment notes marked by an (\*) are provided throughout.

Data. Alphabetic, numeric, and the special characters (- and %). No other special characters are used. It may be a mnemonic such as "H-DAYCMP" or "H-LIVQRT," or a sequential identifier such as

"H-INTRV1" or "A-WHYNL1". Data item names are unique throughout the entire file (all 3 record types).

Size. Numeric. The size of a data item is given in characters. Indication of implied decimal places is provided in notes.

Begin. Numeric. Contains the location in the data record of the first character position of the data item field.

Decimal. Numeric. Contains the number of decimal places, where applicable.

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size, and begin position of each data item. This information can be used to help access the data file. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the character "V". The special character (.) denotes the start of the value labels. Examples of data item descriptions follow:

```
D A-WANTJB
                                                                        171
D H-DAYCMP
                                                          Item 24C - Does ... want a regular
     Day interview complete
                                                          job now, either full or part-time
UALL
                                                     U NLFROT (1-24)=2
٧
          -1 .Blank
                                                       A-WANT JB (I-24C)=1 or 2
٧
           1 .Sunday
                                                               -1 .Not in universe
           2 .Monday
                                                                1 .Yes
۷
           3 .Tuesday
                                                                2 .Maybe-it depends
٧
           4 .Wednesday
                                                     ٧
                                                                3 .No
           5 . Thursday
                                                                4 .Don't know
           6 .Friday
7 .Saturday
                                                          Item 24D - What are the reasons
                                                           ... is not looking for work
           8 .After interview
                                                          (Multiple entries possible)
             . ⊌eek
                                                     D A-WHYNL1
                                                                  1
                                                                         172
                                                          Believes no work available
                                                               -1 .Not in universe
                                                     ٧
                                                                1 .Entry
```

## Machine-Readable Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

- 1. COMMENTS ( " \* " ) lines
- 2. DATA DICTIONARY ("D"); line and DATA DESCRIPTION
- 3. UNIVERSE ("U") lines
- 4. VALUE DESCRIPTION lines
- 5. One blank line at the end

#### **FORMAT**

## "\*" Line Comments

- a. "\*" in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.
- b. "\*\*" in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables.

## "D" Line Data Dictionary

This line contains the following information:

ID	"D"	COL.	1- 1
NAME	Variable name	COL.	3-10
SIZE	Size of data field	COL.	14-15
BEGIN	Begin position of data field	COL.	19-22
CATEGORY VALUE	Range of Values in parentheses	COL.	26-46

Text describing the variable will follow this "D" line. Use COL. 6-4 and repeat as many lines as necessary.

### "U" Line Universe Definition

This line contains the universe definition. Use COL. 3-46 and repeat as many lines as necessary.

ID	" U "	COL.	1- 1
DESCRIPTION	Universe description	COL.	3-46

(For continuation use COL. 3-46 and repeat as many lines as necessary.)

## "V" Line Value Definition

ID	" V "	COL.	1- 1
VALUE	Value code-right justified	COL.	3-12
•	4(2)	COL.	14
DESCRIPTION	Value description	COL.	15-46

Repeat COL. 14-46 format for continued value description.)

## Current Population Survey Adult's Interview Data Dictionary

```
DATA
              SIZE BEGIN
                                                                 DATA
                                                                             SIZE BEGIN
 D H$PAD1
                1
                       1
                                                                                1
                                                                                       11
 D H$PAD2
                1
                       2
                                                                       Farm def'n - edited using urban/rural
                                                                       code
 D H-MONTH
               2
                                                                  UALL
      Month of survey
                                                                       From MST and CPS-1 Items 5A and 5B
                                                                             1 .Nonfarm
        01-12 .Month
                                                                  ٧
                                                                             2 .Farm
 D H-YEAR
               1
                                                                  D H-TYPINT
                                                                                1 12
      Year of survey - last digit
                                                                       Item 13 - Type interview
          0-9 .Last digit of year
                                                                  ν
                                                                             -1 .Blank or impossible
                                                                  ٧
                                                                             1 Noninterview
 D H-HHNUM
              1
                                                                  ٧
                                                                             2 .Personal
      Household number
                                                                             3 .Tel. - regular
4 .Tel. - callback
           -1 .Blank
                                                                             5 .ICR filled
 ٧
          1-8 .Household number
                                                                  D H-RESPNM
 D H-CPSCHK
              1
                                                                       Item 12 - Line no. HHLD resp.
      Item 1 - Interviewer check item
                                                                  ٧
                                                                            -1 .Blank or impossible
 V
           -1 .Blank
                                                                  ٧
                                                                           1-6 .Line no.
 ٧
            1 .Only CPS-1 for household
                                                                             7 .Non HHLD resp.
            2 .First CPS-1 of continuation
              .household
                                                                  D H-AREASN
                                                                              1
                                                                                     14
            3 -Second CPS-1 of continuation
                                                                      Item 14 - Reason for type A
V
              .household
                                                                 U H-HHTYPE=2
            4 .Third, fourth, etc. CPS-1
                                                                 ٧
                                                                           -1 .Not in universe
                                                                 V
                                                                             1 .No one home
D H-DAYCHP
                                                                            2 .Temporarily absent
     Day interview complete
                                                                 ٧
                                                                             3 .Refused
BALL
                                                                 ٧
                                                                             4 .Other - occ.
٧
           -1 .Blank
           1 .Sunday
                                                                 D H-ARACE
                                                                               1
٧
           2 .Monday
                                                                      Item 14 - Race for type A
٧
           3 .Tuesday
                                                                   H-HHTYPE=2
٧
           4 . Wednesday
                                                                 ٧
                                                                           -1 .Not in universe
           5 .Thursday
                                                                 ٧
                                                                            1 .White
٧
           6 .Friday
                                                                 v
                                                                            2 .Black
٧
           7 .Saturday
                                                                            3 .Other
           8 .After interview week
                                                                 D H-TYPEBC
                                                                                     16
D H-LIVORT
             2
     LIVORT 2 y
Item 4 - Type of living quarters
                                                                      Item 15 - Type B/C
                                                                   H-HHTYPE=3
     (Recode)
                                                                           -1 .Not in universe
     Housing unit
                                                                 ٧
                                                                           01 .Vacant - regular
٧
          01 .House, apt., flat
                                                                           02 .Vacant - storage of HHLD
٧
          02 .HU in nontransient hotel, etc.
                                                                              . furni ture
٧
          03 .HU, perm., in trans. hotel
                                                                           03 .Temp occ. by persons with URE
٧
            .motel etc.
                                                                           04 .Unfit or to be demolished
٧
          04 .HU in rooming house
                                                                           05 .Under construction, not ready
٧
          05 .Mobile home or trailer with
                                                                           06 .Converted to temp. business
             .no permanent room added
                                                                           .or storage
07 .Occ. by AF members or persons
                                                                 ٧
٧
          06 . Mobile home or trailer with 1
٧
             .or more perm, rooms added
                                                                              .under 15
          07 .HU not specified above
٧
                                                                           08 .Unocc. tent or trailer site
     Other unit
                                                                           09 .Permit granted, construction not
٧
          08 .Qtrs not HU in rooming or
                                                                              .started
ν
             .boarding house
                                                                 ٧
                                                                           10 .Other
          09 .Unit not perm. in trans. hotel,
                                                                      Type C
            .motel, etc.
                                                                           11 _Demolished
          10 .Tent or trailer site
                                                                           12 . House or trailer moved
          11 .Student quarters in college
                                                                           13 .Outside segment
             .dormitory
                                                                           14 .Converted to perm. business or
          12 .Other not HU
                                                                              .storage
```

# CURRENT POPULATION SURVEY - ADULT'S INTERVIEW

DATA	SIZE BEGIN	DATA	SIZE BEGIN
	·· ·	D H-TENU	RE 1 25
٧	15 .Merged	Ten	ure
٧	16 .Condemned	' u all	
V	17 .Built after April 1, 1980	V	-1 .Not in universe
v	18 .Unused line of listing sheet	-	1 .Owned or being bought
v	19 _Other	V	2 .Rent
٧	1, 200,000	٧	
- "	snw 1 18	V	3 .No cash rent
D H-SEAS			
	em 16 - Seasonal status	D H-FAMI	NC 2 26
U H-TYPE	EBC=1-3	Fam	ily income
٧	-1 .Not in universe	Not	e. If a nonfamily household
٧	1 .Year round	/U-	FAMIND=0), income includes only
Ÿ	2 .By migratory workers	(II	t of householder.
v	3 .Sensonally		it at lingschotaer.
•	5 100-2011	U All	4 Not in the second
	INT 1 19	V	-1 .Not in universe
D H-OCC		V	0 .Less than \$5,000
It	em 17 - This unit is intended for	V	1 .\$5,000 to \$7,499
oc	cupancy	Ÿ	2 .\$7,500 to \$9,999
U H-SEA	SON=2 or 3 and H-LIVORT=1-7	v	3 .\$10,000 to \$12,499
٧	-1 .Not in universe		4 .\$12,500 to \$14,999
v	1 .Summers only	V	5 .\$15,000 to \$19,999
-	2 .Winters only	٧	2 .430 000 to #17,777
٧		V	6 .\$20,000 to \$24,999
٧	3 .Other	V	7 .\$25,000 to \$29,999
		٧	8 .\$30,000 to \$34,999
D H-INT	RV1 2 20	v	9 .\$35,000 to \$39,999
In	terviewer code	Ÿ	10 .\$40,000 to \$49,999
Bl	ank or impossible in any digit	v	11 .\$50,000 to \$59,000
in	nterviewer code A00-M99 excluding IXX		12 .\$60,000 to \$74,999
ν	-1 .Blank	V	12 .300,000 to 414,777
	00 .A	V	13 .\$75,000 and Over
V		٧	19 .Not answered
٧	01 .B		
V	02 .C	D H-TEL	нно 1 28
V	03 .0	7 ( Te	lephone in household
V	04 .E		March, July, Nov. only)
v	05 .F		-1 .Not in universe (noninterview)
v ·	06 -G	V	
		V	1 .Yes
- V	07 .H	V	2 .No
V	08 .J		
٧	09 .K	D H-TEL	AVL 1 29
٧	10 .L	Te	lephone available
٧	11 .M	11 U_TEI	HHD=2 (March, July, Nov. only)
V	12 .N		-1 .Not in universe
Ÿ	13 .P	V	
Ÿ	14 .Q	٧	1 .Yes
	15 .R	V	2 .No
V			
٧	1 <u>6</u> .\$	D H-TEI	_INT 1 30
Ų	17 .T	Te	elephone interview acceptable
Ý	18 .U	11 U <sub>n</sub> ter	LHHD=1 or H-TELAVL=1 (March, July,
٧	19 .V		only)
v	20 .W		-1 .Not in universe
v	21 .X	V	
v	22 .Y	V	1 .Yes
-		v	2 .No
٧	23 .7		
		D H-PR	SCNT 1 31
D H-IN	ITRV2 1 22	I	tem 30 - Number of contacts - actual
1	Interviewer Code - digit 2	- B	nd attempted personal
٧	-1 .Blank	II Mare	h, July, Nov. only
Ÿ	0-9 .Interviewer code digit 2		-1 .Blank
•		V	*   # of weepen   contacts
D U_14	NTRV3 1 23	V	1-6 .# of personal contacts
ח ש- זו	Interviewer Code - digit 3	٧	.(6 = 6+)
٧	-1 .Blank	D H-TE	LCNT 1 32
٧	0-9 .Interviewer code digit 3	1	tem 30 - Number of contacts - actual
			and attempted telephone
D H-S	TATUS 1 24		the fully Nov only
0	Item 278 - HHLD status change -		ch, July, Nov. only
	replacement household	V	-1 .Blank
		V	1-9 _# of telephone contacts
UALL		V	.(9 = 9+)
٧	-1 .Blank	-	
٧	1 .Yes		
	A		

DATA SIZE BEGIN	DATA \$1ZE BEGIN
D H-TIMINT 1 33	D H-HHDSEQ 2 42
Item 31 - Time of interview	Householder sequence number
U March, July, Nov. only	(reference person)
V -1_Blank	(Will be first adult record for
V 1 .Midnight to 6 A.M.	group quarters)
V 2.6 to 9 A.M.	U K-HHTYPE=1
V 3.9 A.m. to noon	V 00 .Not in universe
V 4 .Noon to 3 P.M.	V 01-39 .Sequence number
V 5.3 to 6 P.M.	
V 6.6 to 9 P.M.	D H-MSTIND 5 44
V 7.9 P.M. to midnight	Master segment tape index
**********	Unique segment identifer
* Household recodes *	D H-HHWGT 9 49 2
*********	Household weight (2 implied
	decimal places)
D H-HHTYPE 1 34	Final household weight equivalent to
Type of household	the weight of the wife in husband-wife
U ALL	households and the reference person
V 1 .Interview	in all other households
V 2 .Type A non-interview	**********************************
V 3 Type B/C non-interview	
n u.wre 9 7c	* Allocation flags *
D H-MIS 1 35 Month in sample	
V All	D HXTENURE 1 58
V 1-8 .Month in sample	V 0 No change
To more the desipte	V 1 .Value to blank
D H-NUMPER 2 36	V 4 .Allocated
Number of persons in household	
U ALL	D HXFAMINC 1 59
V 00 .Noninterview household	V 0 .No change
V 1-39 .Number of persons in HHLD	V 2 .Blank to value
B II TUBE 4 TO	V 6 .Refusal to value, allocated,
D H-TYPE 1 38	V .no error
. Household type U All	D HYARACE 1 60
V 0 .Non-interview household	D H%ARACE 1 60 V 0.No change
V 1 .Husband/wife primary family	V 1 .Value to blank
V _(neither husband or wife in	V 4 .Allocated
V .Armed Forces)	
V 2 .Husband/wife primary family	D H%CPSCHK 1 61
V(husband and/or wife in armed	V 0 .No change
Y .forces)	V 2 .Blank to value
V 3 .Unmarried civilian mate	B 118 11 11 11 11 11 11 11 11 11 11 11 11
V .primary family householder V 4 .Unmarried civilian female	D HXDAYCMP 1 62
	V 0.No change
V .primary family householder V 5 .Primary family household -	V 2 .Blank to value
V .reference person in	D HXHHNUM 1 63
V .Armed Forces and unmarried	V 0 .No change
V 6 .Civilian male primary	V 2 .Blank to value
V individual	V 8 .Blank to NA - error
V 7 -Civilian female primary	
V _individual	D HXINTRY 1 64
V 8 Primary individual household -	V 0.No change
V .reference person in Armed Forces V 9 .Group quarters	V 2 .Blank to value
V 9 - Group quarters	D'HXLIVORT 1 65
D H-TYPERP 1 39	V 0 No change
Type of reference person	V 4 .Allocated
U H-HHTYPE=1	V 7 .Blank to NA - no error
V 0 Not in universe	
V 1 .Civilian	D H%OCCINT 1 66
V 2 Armed Forces	V 0 .No change
V 3.Group quarters	V 1 .Value to blank
n ii Nemerake - 7 7.	V 4 .Allocated
D K-NUMFAM 2 40	D H%RESPNM 1 67
Number of femilies in HHLD U H-HHTYPE=1	V 0.No change
V 00 .Not in universe	V 2.Blank to value
V 00-39 Number of families	- अस्मार्थास्य स्थाप्तिस्य
- na the business has southfully and	

## **CURRENT POPULATION SURVEY - ADULT'S INTERVIEW**

DATA SIZE BEGIN	DATA SIZE BEGIN
D HXSEASON 1 68	Middle and control of the control of
V 0 .No change	Middle Atlantic Division (Div. 2) V 21 .New York
V 1 .Value to blank	V 22 New Jersey
V 4 .Allocated	V 23 .Pennsylvania
	Midwest Region (Region 2)
D HXSTATUS 1 69	East North Central Division (Div. 3)
V 0.No change V 1.Value to blank	V 31 .Ohio
V 1 .Value to blank V 2 .Blank to value	V 32 .Indiana
V 3. Value to value	V 33 .Illinois
V 8 .Blank to NA - error	V 34 Michigan
- CITO	V 35 .Wisconsin
D HXAREASH 1 70	West North Central Division (Div. 4) V 41 .Minnesota
V 0 .No change	V 42 lowa
V 1 .Value to blank	V 43 Missouri
B. Alfordaman	V 44 -North Dakota
D HXTYPEBC 1 71	V 45 .South Dakota
V 0 No change V 1 Value to black	V 46 .Nebraska
V 1 - Value to blank	V 47 .Kansas
D HXTELHHD 1 72	South Region (Region 3)
V 0.No change	South Atlantic Division (Div. 5)
V 1 .Value to blank	V 51 Delaware
V 4 Allocated	V 52 Maryland V 53 District of Columbia
, metabatea	
D HXTELAVL 1 73	V 54 .Virginia V 55 .West Virginia
V 0 .No change	V 56 North Carolina
V 1 .Value to blank	V 57 .South Carolina
V 4 Allocated	V 58 .Georgie
	V 59 .Florida
D HATELINT 1 74	East South Central Division (Div. 6)
V 0 No change	V 61 .Kentucky
V 1 .Value to blank	V 62 .Tennessee
V 4 .Allocated	V 63.Alabama
. D H%PRSCNT 1° 75	V 64 .Mississippi
.D H%PRSCNT 1' 75 V 0.No change	West South Central Division (Div. 7)
V 2 .Blank to value	V 71 Arkansas
L STORE TO VALUE	V 72 .Louisiana
D HATIMINT 1 76	V 73 Oktahoma V 74 Texas
V 0 .No change	V 74 .Texas West Region (Region 4)
V 2 .Blank to value	Mountain Division (Div. 8)
	V 81 .Nontana
D HXTELCHT ? 77	V 82 .Idaho
V 0 No change	V 83 .Wyoming
Y 7 -Blank to NA - no error	V 84 Colorado
****	V 85 -New Mexico
Mostor Compat Tops (M.C. 7. )	V 86 .Arizona
* Master Segment Tape (M.S.T.) items * for M.S.T. variables whose ranges are *	V 87 .Utah
* not defined here, see geographic *	V 88 .Nevada
* appendix to this DDL. *	Pacific Division (Div. 9)
<b>有我有我来看我看看我的我看看看我的我的我的我的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们</b>	V 91 Washington V 92 Oregon
	V 93 -California
D HG-REG 1 78	V 94 Alaska
Region	V 95 .Hawaii
V 1 .Northeast	
V 2 Midwest	D HG-STRN 2 81
V 3 South V 4 West	1980 State rank
V 4 .West	(See Geographic Appendix)
D HG-ST60 2 79	D HO CENA O
1960 Census state code (first	D HG-FIPS 2 83
digit = geog. division code)	FIPS State code
Northeast Region (Region 1)	(See Geographic Appendix)
New England Division (Div. 1)	D HG-MSAS 1 85
V 11 .Maine	MSA status
V 12 .New Hampshire	V 1 .In MSA, in CC
V 13 .Vermont	V 2 .In MSA, not in CC
V 14 Massachusetts	V 3 Not in MSA
V 15 .Rhode Island	V 4 .Not identified
V 16 -Connecticut	

DATA SIZE BEGIN	DATA SIZE BEGIN
D HG-MSAC 4 86	V 8 .Other Relative of Reference
NSA or PMSA FIPS code	V .person
V 0000 Not MSA/PMSA, not identified	V 9 .Non-relative of reference
V 0040-9340 .MST/PMSA code	V .person with own relatives in HHLD
(See Geographic Appendix)	V 10 .Non-relative of reference
	V .person-no own relatives in HHLD
D HG-PMSA 2 90	
PMSA rank	D A-PARENT 2 118
V 00 .Not a PMSA, not identified	item 18C - Parent's line number
V 01-12 Ranking of PMSA within its CMSA	U All
(See Geographic Appendix)	V 00 .None
• He had — — —	V 01-39 .Parent's line number
D HG-MSAR 3 92	
MSA or CMSA rank	D A-AGE 2 120
V 000 .Not an MSA, not identified V 001-252 .Ranking of MSAs or CMSAs by	Item 180 - Age
	UALL
V .population (See Geographic Appendix)	V 15-90 Adult age (Age topcoded
(see deographic Appendix)	V .at 90)
D HG-MSSZ 2 95	h A-MADITI 4 422
MSA size	D A-MARITL 1 122 Item 18E - Marital status
First character padding	U All
Second character pop. size MSA/CMSA	V 1 .Married - civilian spouse
V 1 .Not identified, not an MSA	
V 2 .100,000 - 249,999	V .present V 2 .Married - AF spouse present
V 3 .250,000 - 499,999	V 3 .Married - spouse absent
V 4 .500,000 - 999,999	V .(Exc. separated)
V 5 -1 million - 2,499,999	V 4 Widowed
♥ 6 .2.5 million - 4,999,999	V 5 .Divorced
V 7.5 million - 9,999,999	V 6 .Separated
V 8 _10 million or more	V 7 .Never merried
D HG-CMSA 2 97 .	D A-SPOUSE 2 123
V 00 .Not in CMSA, not identified	Item 18F - Spouse's line number
V 07-91 .CMSA code	U All
- (See Geographic Appendix)	V 00 None
D H METETA 4 00	V 01-39 .Spouse's line number
D H-METSTA 1 99 V 1.Metropolitan	5 · · · · · · · · · · · · · · · · · · ·
V 1 .Metropolitan V 2 .Normetropolitan	D A-SEX 1 125
V 3 .Not identified	Item 18G - Sex
y Since (del)cirred	U All V 1 .Male
D H-INDVCC 1 100	V 2.Female
Individual central city identifier	, E , i cluste
(See Geographic Appendix)	D A-VET 1 126
	Item 18G - Veteran status
D H-RECTYP 1 101	U ALL
V 1 .Interviewed adult	V 1 "Vietnam era
V 2 .Type A noninterview	V 2 .Korean War
V 3 .Type B/C noninterview	V 3 .World War II
V 4 .Armed Forces record	V 4 .World War I
¥ 5 .Childrens record	V 5 .Other service
D # 7D 42 400	V 6 .Nonveteran
D H-ID 12 102	B 4 1104
Unique household identifer	D A-HGA 2 127
D A-LINENO 2 114	Item 18H - Educational attainment U All
Item 18A - Line number	
U ALL	V 00 .Wone V 31 .Less than 1st grade
V 01-39 .Line number	<del></del>
P Of D7 SERVE (RENEZE)	V 32 .1st, 2nd, 3rd, or 4th grade - V 33 .5th or 6th grade
D A-RRP 2 116	V 34 .7th or 8th grade
Item 188 - Relationship to	V 35 .9th grade
reference person	V 36 .10th grade
U ALL	V 37 .11th grade
V 1 .Reference person with other	V 38 .12th grade-no diploma
V .relatives in HHLD	V 39 .High school graduate-diploma,
V 2 .Reference person with no other	V .GED, etc.
V .relatives in HHLD	V 40 .Some college but not degree
V 3 .Husband	V 41 .Associate's degree in college-
V 4 .Wife	V .occupational/vocational program
V 5.0wn child	V 42 .Associate's degree in college-
V 6 .Parent	V .academic program
V 7 .Brother/sister	V 43 .Bachelor's degree in college-BA,
· ·	V .BS, AB, etc.

## **CURRENT POPULATION SURVEY - ADULT'S INTERVIEW**

ODMINENT TO DESCRIPTION OF THE PROPERTY OF THE	
DATA SIZE BEGIN	DATA SIZE BEGIN
y 44 .Master's degree-MA, MS, MBA,	V 6 .Could find only part time work
v . etc.	v 7.Holiday
y 45 _Professional school degree-MD,	v 8.Labor dispute
v .DDS, DVM, etc.	V 9 .Bad weather
y 46 .Doctorate degree-PhD, EdD, etc.	V 10 .Own illness
	V 11 .On vacation
D PADDING 1 129	V 12 .Too busy with house, school,
	V .etc.
D A-RACE 1 130	y 13 .Did not want full time work
Item 18J - Race	v 14 .Full-time work weeks < 35 hrs
U All	v 15 .Other
V 1.White	
v 2 .Black	D A-LOSTIM 1 139
V 3 Amer Indian, Aleut Eskimo	Item 20D - Did lose any time or
v 4 Asian or Pacific Island	take any time off last week for any
V 5 Other	reason such as illness, holiday or
4 J.Other	slack work
D A-MAJACT 1 131	U A-HRSCHK (1-20B)=3
Item 19 - What was doing most	V -1 .Not in universe
	V 1 .Yes
of last week	V 2.No
U All	T E.NU
V 1 ,Working	D A-OVRTIM 1 140
y 2 .With job but not at work	
V 3 Looking for work	Item 20E - Did work any overtime
V 4 Keeping house	or at more than one job last week
V 5 .Going to school	U A-LOSTIM (I-20D)=2
V 6 .Unable to work	V -1 .Not in universe
V 7 .Retired	V 1 .Yes
V 8 Other	V 2.No
•	
D A-ANYWK 1 132	D A-JOBABS 1 141
Item 20 - Did do any work at	Item 21 - Did have a job or
all last week, not counting work	business from which he/she was
around the house	temporarily absent or on layoff
U A-MAJACT (1-19)=2,3,4,5,7 or 8 (NE 1,6)	last week
. V -1 .Not in universe	U A-ANYWK (I-20)=2
V 1 .Yes	V -1 .Not in universe
V 2.No	V 1 .Yes
	V 2.No
D A-HRS1 2 133	
Item 20a - How many hours did	D A-WHYABS 1 142
work last week at all jobs	Item 21A - Why was absent from
U A-MAJACT (I-19)=1 or A-ANYWK (I-20)=Yes	work last week
V -1 .Not in universe	U A-JOBABS (1-21)=1
V 00:99 Number of hours	V -1 .Not in universe
	V 1.0wn illness
D A-HRSCHK 1 135	V 2 .On vacation
Item 20B - Interviewer check of	V 3 .Bad weather
item 20A	V 4 .Labor dispute
U Same as A-HRS1 (1-20A)	V 5 .New job to begin within
V -1 .Not in universe	V _30 days
V 1.49+	V 6 .Temporary layoff (Under 30
v 2 .1-34	V days)
v 3 .35-48	V 7 .Indefinite layoff (30 days or
	V .more)
D A-USLFT 1 136	V 8.Other
U A-HRSCHK (1-20B)=2	
Item 20C - Does usually work	D A-PAYABS 1 143
35 hours or more a week at this	Item 21B - Is receiving wages
iob (Part 1)	or salary for any of the time off
V -1 Not in universe	last week
V 1 .Yes	U A-WHYABS (I-21A)=1-4.8
V 2 .No	V -1 .Not in universe
	V 1 .Yes
D A-FTREAS 2 137	V 2.No
Item 20C - Does usually work	V 3 .Self-employed
35 Hours or more a week at this	. Jivot. suprojed
job (Part 2)	D A-FTABS 1 144
	Item 21C - Does usually work 35
U A-HRSCHK (1-20B)=2	
V -1 Not in universe	hours or more a week at this job
V 1 .Siack work	U A-WHYABS (I-21A)=1-4,8
V 2 .Material shortage	V -1 :Not in universe
V 3 .Plant or machine repair	V 1 .Yes
	U 4 11-
V 4 New job started during week	V 2.No
V 4 .New job started during week V 5 .Job terminated during week	V 2.No

```
DATA
           SIZE BEGIN
                                                            DATA
                                                                       SIZE BEGIN
D A-LKWK
            1 145
                                                             D A-WKSLK
                                                                         2 154
                                                                 Item 22C - 1) How many weeks has ...
been looking for work 2) how many
     Item 22 - Has ... been looking for
     work during the past 4 weeks
U A-JOBABS (1-21)=2
                                                                  weeks ago did ... start looking
        -1 .Not in universe
                                                                  3) how many weeks ago was ...
          1 .Yes
                                                                 laid off
                                                             U A-WHYLK (1-22B)=ENTRY or A-WHYABS
٧
          2 .No
                                                              (I-21A)=6 or 7
-1 .Not in universe
***********
     Item 22A - What has ... been doing in *
                                                                   00-99 .Entry
    the last 4 weeks to find work
                                                            D A-LKFTPT
   Method use - Multiple entries possible*
************
                                                                 Item 220 - Has ... been looking for
                                                                 full-time or part-time work
D A-MTHD1 1 146
                                                             U Same as A-WKSLK (I-22C)
                                                                 -1 .Not in universe
1 .Full-time
     Checked with public employment agency
U A-LKWK (1-22)≃1
       -1 .Not in universe
                                                                      2 .Part-time
         1 .Entry
                                                             D A-AVAIL
                                                                         1
                                                                              157
                                                                Item 22E1 - Could ... have taken a
D A-MTHD2 1 147
    Checked with private employment agency
                                                                 job if one had been offered
U A-LKW ([-22)=1
                                                             U Same as A-WKSLK (1-22C)
                                                                     -1 .Not in universe
       -1 .Not in universe
                                                                      1.Yes
         1 .Entry
                                                                      2 .No
D A-MTHD3 1
                148
    Checked with employer directly
                                                            D A-WHYNA
U A-LKWK (1-22)=1
                                                                 Item 22E2 - Why not
     -1 .Not in universe
1 .Entry
                                                             U A-AVAIL (I-22E1)=2
                                                                    -1 .Not in universe
                                                                      1 .Already has a job
D A-MTHD4 1
                149
                                                                      2 .Temporary illness
  Checked with friends or relatives
                                                                      3 .Going to school
                                                            ٧
U A-LKWK (I-22)=1
                                                                      4 Other
    -1 .Not in universe
1 .Entry
                                                            D A-WHENLJ 1 159
                                                                 Item 22F - When did ... last work at a
D A-MTHD5
                                                                 full-time job or business lasting 2
           1 150
   Placed or answered ads
                                                                 consecutive weeks or more
U A-LKWK (I-22)=1
                                                            U Same as A-WKSLK (1-22C)
     -1 .Not in universe
1 .Entry
                                                                    -1 .Not in universe
                                                                      1 .In last 12 months
                                                                     2 .1-5 years ago
D A-MTHD6
                                                                      3 .More than 5 years ago
           1 151
   Nothing
                                                                     4 Never worked full time 2
U A-LKWK (1-22)=1
                                                                      .weeks or more
5 Never worked at all
     -1 .Not in universe
        1 .Entry
                                                            D A-IND
                                                                        3
                                                                             160
                                                                Item 238 - Industry
D A-MTHD7
                                                            U A-CLSWKR=1-7
    Other
U A-LKW (1-22)=1
                                                            ٧
                                                                     -1 .Not in universe
     -1 .Not in universe
                                                                     000 .Old not in universe
                                                                 002-992 .Legal code
        1 .Entry
                                                            **********
D A-WHYLK
            1 153
                                                            * See industry and occupation code * appendix for list of legal codes *
    Item 22B - Why did ... start looking
    for work was it because ...
U A-LKWK (1-22)=1 or A-WHYABS (1-21A)=5
        -1 .Not in universe
          1 .Lost job
                                                                            163
                                                                Item 23C - Occupation
٧
          2 .Quit job
          3 .Left school
                                                            U A-CLSWKR=1-7
                                                                 -1 .Not in universe
000 .Old not in universe
٧
          4 .Wanted temporary work
                                                            ٧
          5 .Change in home or family
           .responsibilities
                                                               003:993 .Legal code
          6 .Left military service
```

7 .Other

DATA	SIZE BEGIN	DATA SIZE BEGIN	
D A-CLSWKR	1 166	在有由我们的身份的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的	
	3E - Class of worker	* Item24D - What are the reasons	is *
U A-LFSR=1-4	4 or A-LFSR=5-7 and A-NLFROT=2	* not looking for work	*
and A-NLFL		* (Multiple entries possible)	
	1 .Not in universe		
-	1 -Private	- 4 INDOM 4 4 479	
	2 .Federal government	D A-WHYNL1 1 172	
V 3	3 .State government	Believes no work available	
V 4	Local government	U A-WANTJB (I-24C)=1 or 2 V -1 .Not in universe	
V- 5	Self-employed-incorporated	Y 1.Entry	
	S.Self-employed-not incorporated	Y 1 ZENCTY	
	. Without pay B .Never worked	D A-WHYNL2 1 173	
٧ ،	3 "WEAGL MOLKED	Couldn't find any work	
D A-CHKWJ	1 167	U A-WANTJB (I-24C)=1 or 2	
	SF - Interviewer check item	V -1 .Not in universe	
	(1-23E)=ENTRY	V 1 .Entry	
	1 .Not in universe		
	1 .Entry (or NA) in I20A and P.F.S	D A-WHYNL3 1 174	
V	or L in 123E	Lacks nec. schooling, etc.	
V Z	2 .Entry (or NA) in 123B and P,F,S	U A-WANTJB (1-24C)=1 or 2	
V	or L in I23E	V -1 .Not in universe	
V 3	3 .All other cases	V 1 .Entry	
	•		
D A-NLFROT	1 168	D A-WHYNL4 1 175	
	4 - Interviewer check item -	Employers think too young or too o	ild
first o	digit of segment #	U A-WANTJB (I-24C)=1 or 2	
U A-LKWK (I-		V -1 .Not in universe	
	Not in universe	V 1 .Entry	
	Continuing rotations	D 4 LHIVNI E 4 474	
v a	2 .Outgoing rotations	D A-WHYNL5 1 176	ich
D A-NLFLJ	1 169	Other personal handicap in finding U A-WANTJB (I-24C)=1 or 2	, ,00
	4A - When did last work	V -1 .Not in universe	
	y at a regular job or business,	V 1 Entry	
	full-time or part-time	1 activity	
U A-NLFROT		D A-WHYNL6 1 177	
	.Not in universe	Can't arrange child care	
	I .Within past 12 months	U A-WANTJB (I-24C)=1 or 2	
	2 .1 Up to 2 years ago	V -1 .Not in universe	
	3 .2 Up to 3 years ago	V 1 .Entry	
	4 .3 Up to 4 years ago	·	
	5 .4 Up to 5 years ago	D A-WHYNL7 1 178	
ν 6	6 .5 or more years ago	Family responsibilities	
V . 7	7 -Never worked	U A-WANTJB (I-24C)=1 or 2	
		V -1 .Not in universe	
D A-WHYLFT		V 1 Entry	
	48 - Why did leave that job	B 4 180411 0 4 470	
U A-NLFLJ (1		D A-WHYNL8 1 179	
	Not in universe	In school or other training U A-WANTJB (1-24C)=1 or 2	
	1 .Personal, family or school 2 .Health	V -1 .Not in universe	
_	3 .Retirement or old age	V 1 .Entry	
-	4 .Seasonal job completed	, , , ,	
	Slack work or business	D A-WHYNL9 1 180	
v -	conditions	Ill health	
•	6 .Temporary nonseasonal job	U A-WANTJB (1-24C)=1 or 2	
٧	.completed	V -1 .Not in universe	
V 7	7 Unsatisfactory work arrangements	V 1.Entry	
۷ 8	B _Other		
		D A-WHYNLA 1 181	
D A-WANTJB	1 171	Other	
	C - Does want a regular	U A-WANTJB (I-24C)=1 or 2	
	w, either full or part-time	V -1 .Not in universe	
U A-NLFROT (		V 1 .Entry	
	1 Not in Universe	D ALIMANI D 4 402	
	1 .Yes	D A-WHYNLB 1 182	
	2 .Maybe-it depends	Don't know U A-WANTJB (I-24C)=1 or 2	
_	3 No 4 Don't know	V -1 .Not in universe	
•	T JUCIT C RIVE	V 1.Entry	
		1 441117	

DATA SIZE BEGIN	DATA SIZE BEGIN
D A-ENTEND 1 183	D A-HSCOL 1 192
Item 24E - Does intend to look	Item 26A2
for work of any kind in the next	U A-ENRLW (1-26A1)=1
12 months	V -1 .Not in universe V 1 .High school
U A-NLFROT (I-24)=2	V 1 .High school
V -1 .Not in universe	V 2 .College or university
V 1 .Yes	A 400
V 2 .1t depends	D A-FTPT 1 193
V 3 .No	<pre>Item 26B - Is enrolled in school as a full-time or part-time student</pre>
V 4 "Don't know	U A-ENRLW (I-26A1)=1
<b>表有实验的表面企业表现实实实现实现实现实现的实现实现的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的</b>	V -1 .Not in universe
* Edited Earnings Items *	V 1 .Full time
*********	V 2 .Part time
D A-EARNRY 1 184	***
Item 25 - Interviewer check item	* Adult Recodes *
U A-CHKWJ (I-23F)=1 or 2	有由我的有效的有效的有效的有效的有效的有效的有效的有效的有效的有效的有效的有效的
V -1 ,Not in universe	
V 1 .HIS 1,2,3,5,6,7	D A-REORGN 2 194
V 2 .NIS 4, 8	Item 18K - Origin
0 1 MC1 MB0 2 40F	U All
D A-USLHRS 2 185	V 1 Mexican American
Item 25A - How many hours per week does usually work at this job	V 2 .Chicano V 3 .Mexican (Mexicano)
U EARNET (1-25)=2	V 4 .Puerto Rican
V -1 .Not in universe	V 5 Cuban
¥ 00-99 .Entry	V 6 .Central or South American
·	V 7 .Other Spanish
D A-HRLYWK 1 187	V 8 All other
Item 25B - Is paid by the hour	V 9 "Don't know
on this job	V 10 .NA
U A-EARNRT (I-25)=2 V -1 .Not in universe	D 4 EVENED 3 40/
V 1.Yes	D A-EXPRRP 2 196 Expanded relationship code
V 2.No	U All
	V 1 .Reference person with
D A-UNMEN 1 188	V .relatives
Item 25E - On this job, is a member	V 2 .Reference person without
of a labor union or of an employee	V _relatives
association similar to a union	V 3 .Husband
U A-EARNRT (I-25)=2	V 4 .Wife
V -1 .Not in universe V 1 .Yes	V 5 .Natural/adopted child V 6 .Step child
V 1. res V 2. No	V 6 .Step child V 7 .Grandchild
Y 2 .no	V 8 .Parent
D A-UNCOV 1 189	V 9 .Brother/sister
Item 25F - On this job, is covered	V 10 .Other relative
by a union or employee association	V 11 Foster child
contract	V 12 .Nonrelative with relatives
U A-UNMEN (1-25E)=2	V 13 .Partner/roommate
V -1 .Not in universe V 1 .Yes	V 14 .Nonrelative without relatives
V 1 .Yes V 2 .No	D A-LFSR 1 198
	Labor force status recode
D A-ENRCHK 1 190	U ALL
Item 26 - Interviewer check item	V 1 .Working
UALL	V 2 .With job, not at work
V 1 .This person is 16-24 years of	V 3 .Unemployed, looking for work
V .age	V 4 .Unemployed, on layoff V 5 .NILF - working w/o pay < 15 hrs
V 2 .All others	V 5.NILF - working w/o pay < 15 hrs V .Temp. absent from w/o pay job
D A-ENRLW 1 191	V 6.NILF - unavailable
Item 26A1 - Last week was , attending	V 7 .Other N1LF
or enrolled in a high school, college	· · · · · · · · · · · · · · · · · · ·
or university	D A-UNTYPE 1 199
U A-ENRCHK (I-26)=1	Reason for unemployment
V -1 .Not in universe	U A-LFSR=3 or 4
V 1 .Yes	V -1 .Not in universe
V 2.No	V 1 .Job loser - on layoff V 2 .Other job loser
	V 2.Other job toser V 3.Job leaver
·	V 4 .Re-entrant
	V 5 .New entrant
	••

DATA SIZE BEGIN	DATA SIZE BEGIN
D A-NLFREA 2 200	At work
Current activity/reason not looking	V 06 .1-4 hours
for NILF reason	V 07 _5-14 hours
U LFSR=5, 6 or 7 and MIS=4 or 8	V 08 .15-21 hours
V -1 .Not in universe V 1 .School	V 09 .22-29 hours
V 1 .School V 2 .Ill, disabled	V 10 .30-34 hours
V 3 .Keeping house	V 11 .35-39 hours
V. 4 Retired or old age	V 12 .40 hours V 13 .41-47 hours
V 5 .No desire	V 14 .48 hours
V 6 .Employers think too young or	V 15 .49-59 hours
V .old	V 16 .60 hours or more
V 7 .Lacks education or training	· ·· · · · · · · · · · · · · · · · · ·
V 8.Other personal reason V 9.Could not find work	D A-PTHRS 2 209
The state of the s	At work 1-34 hours by hours at work
V 10 .Thinks no job available V 11 .Other	U LFSR=1 and I20A<35
11 101/10	V -1 .Not in universe V 00 .Usually full-time, part-time
D A-WKSTAT 1 202	V 00 .Usually full-time, part-time V .for non-economic reasons
Full/part-time status	Usually work full-time, part-time
UALL	for economic reasons
V 1 .Not in labor force	V 01 .1-4 hours
V 2 .Full-time schedules	V 02 .5-14 hours
V 3 Part-time for economic	V 03 .15-29 hours
V .reasons, usually full-time	V 04 .30-34 hours
V 4 .Part-time for non-economic	Usually work part-time, economic reasons
V .reasons, usually part-time V 5 .Part-time for economic	V 05 .1-4 hours
V .reasons, usually part-time	V 06.5-14 hours V 07.15-29 hours
V 6 Unemployed full-time	V 07 .15-29 hours V 08 .30-34 hours
V 7 .Unemployed part-time	Usually work part-time, noneconomic reasons
, , ,	V 09 .1-4 hours
D A-EXPLF 1 203	V 10 .5-14 hours
Experienced labor force employment	V 11 .15-29 hours
status	V 12 .30-34 hours
. U LFSR=1-4 and A-COW NE 8  V -1 .Not in experienced labor force	
V 1 Employed	D A-PTREA 2 211
V 2 _Unemployed	Detailed reason for part-time U LFSR=1 and I2OA < 35
- 10/10/02	V -1 .Not in universe
D A-WKSCH 1 204	Usually work full-time
Labor force by time worked or lost	V 01 .Slack work
U LFSR=1-4	V 02 .Material shortages, plant
V -1 Not in universe	V .repair
V 1.At Work V 2.With job not at Work	V 03 .New job started
V 2 .With job, not at work V 3 .Unemployed, seeks full-time	V 04 .Job terminated
V 4 .Unemployed, seeks part-time	V 05 .Holiday V 06 .Labor dispute
terremptery and occine per citime	V 06 .Labor dispute V 07 .Bad weather
D A-CIVLF 1 205	V 08 .Own illness
Civilian labor force	V 09 On vacation
U LFSR=1-4	V 10 .All other
V -1 Not in universe	Usually work part-time
V 1 .In universe	V 11 .Stack work
D A-FTLF 1 206	V 12 .Could find only part-time
Full-time Labor force	V 13 .Own illness V 14 .Too busy or did not want
U LFSR=1-4 and Full-time	V .full-time
V -1 .Not in universe	V 15 .Full-time under 35 hours
V 1 .In universe	V 16 .Other
B. A. PMDNIDO	
D A-EMPHRS 2 207	D A-ABSREA 2 213
Reasons not at work or hours at work U LFSR=1 or 2	Reason not at work and pay status
V -1 .Not in universe	U LFSR=2 V -1 Not in universe
With a job, but not at work	
V 01 .Illness	Usually work full-time paid V 01 .Vacation
V 02 .Vacation	V 01 .Vacation V 02 .Illness
V 03 .Bad weather	V 03 .All other
V 04 .Labor dispute	Not paid
V 05 -All other	V 04 Vacation
	V 05 .Illness
	V 06 .All other

DATA	SIZE BEGIN	DATA SIZE BEGIN	
Usua	ally work part-time paid	V 08 .Other service	
٧	07 .Vacation	V 09 .Precision productio	n, craft and
٧	08 .1llness	V .repair	•
٧	09 .All other	Operators, fabricators and L	aborers
	paid 10 .Vacation	V 10 Machine operators,	assemblers
V	10 .Vacation 11 .Illness	V .and inspectors V 11 .Transportation and	
v	12 All other	V .moving	watel. Fat
•	TE TALL OTHER	V 12 .Handlers, equip. cl	eaners, etc.
D A-AG-NA	A 1 215	V 13 .Farming, forestry a	nd fishing
V	-1 .Not in universe	V 14 -Armed Forces	
UALL		V 15 .No previous experie	nce - never
¥	1 Agriculture industry	V .worked	
٧	2 -Nonagriculture industry	D A DT000 3 333	
D A-MJIND	2 216	D A-DTOCC 2 222 Detailed occupation code	
	or industry code	See industry and occupation o	code
U A-CLSUK		appendix for list of legal co	
٧	-1 .Not in universe	U A-CLSWKR=1-7	
٧	01 .Agriculture		
V	02 .Mining	D A-ERNEL 1 224	
٧	03 -Construction	Earnings eligibility flag	
	ufacturing	U ALL	
V V	04 .Nanufacturing-durable goods 05 .Nanufacturing-nondurable goods	V 0.Not earnings eligible V 1.Earnings eligible	re
	sportation, communications, and other	V 1 .Earnings eligible	
publ	ic utilities	D A-IOELIG 1 225	
v	06 .Transportation	U All	
V	07 .Communications	Industry and occupation eligi	ibility
V	08 .Utilities and sanitary services	flag	•
	esale and retail trade	V 0 .Not I and O eligible	9
V	09 .Wholesale trade	V 1.1 and O eligible	
V V	10 Retail trade	5 4 550W 4 334	
v	11 .Finance, insurance and real .estate	D A-DSCWK 1 226 Discouraged worker flag	
	rices (12-20)	U All	
v 50. 1	12 .Private household	V 0 .Non-discouraged work	cer
Misc	ellaneous services	V 1 .Discouraged worker	
V	13 .Business and repair		
٧	14 .Personal services, except	D A-DTCLWK 2 227	
٧	.private household	Detailed class of worker	
٧	15 Entertainment	U A-CLSWKR=1-7	
	essional and related services	V -1 Not in universe	
V V	16 .Hospital 17 .Medical, except hospital	V 00 .Old Not in universe Agriculture wage and salary	
Ÿ	18 .Educational	V 01 .Private	
Ÿ	19 .Social services	V 02 .Government	
Ÿ	20 .Other professional	V 03 Self-employed	
٧	21 .Forestry and fisheries	V 04 .Unpaid family	
٧	22 .Public administration	Non-agriculture wage and sala	ту
٧	23 .Armed Forces	Private industry	
D 4 B7140	2 249	V 05 Private household	
D A-DTIND	2 218 iled industry code	V 06 .Other private Government	
	industry bode	V 07 Federal	
	ndix for list of legal codes	V 08 State	
U A-CLSWKI		V 09 .Local	
		V 10 .Self-employed	
D A-MJOCC		V 11 Unpaid family	
	r occupation code		
U A-CLSWKI		D A-EMP 1 229	
V	-1 .Not in universe	Employed persons (excluding f workers and private household	
Manas V	gerial and professional	U All	i Workers)
V	01 .Executive, admin. and .managerial	V -1 .Not in universe	
Ÿ	02 .Professional specialty	V 1 .In Universe	
	nical, sales and admin. support	- + # ##11 0171 704 00	
V	03 .Technicians and related support	D A-NAGWS 1 230	
٧	04 .Sales	U ALL	
٧	05 .Administrative support,	Non agricultural wage and sal	агу
٧	.including clerical	workers	
Servi		V -1 .Not in universe	
٧ س	06 Private household	V 1.In Universe	
V	07 .Protective service		

CORRECT OF SECTION CONTENT ASSESSMENT	
DATA SIZE BEGIN	DATA SIZE BEGIN
D A-RCOW 1 231	D A-FAMNUM 2 272
U All	Family number
Class of worker recode	U All
V1 .Not in universe	y 00 Not a family member
v 1.Private	v 01 Primary family member only
V 2.Federal	v 02-19 .Subfamily member
V 3 .State	D A-FAMTYP 1 274
V 4 .Local	• • • • • • • • • • • • • • • • • • • •
V 5 .Se-uninc.	Family type
V 6.Without pay	U All V 1 .Primary family
V 7 .Never worked	
D A-NCAGPWS 1 232	
U ALL	
Nonagricultural private wage and	y 5 .Secondary Individual
salary workers (Except private	D A-FAMREL 1 275
household)	Family relationship
V -1 .Not in universe	U All
V 1 .In universe	
A B	
D A-HERNTP 4 233	•
Hourly earnings top code	V 2 Spouse
v -1 Not in universe	y 3 Child
V 0-9999 .Hourly earnings value	v 4.Other relative (primary family
V .(2 implied decimal places)	y ,and unrelated subfamily only)
	5 4 BEUGGD 4 57/
D A-WERNTP 4 237	D A-PFNOCD 1 276
Weekly earnings top code	Number of own children < 18 in primary
V -1 .Not in universe	family
V 0-1927 .Weekly earnings value	UALL
	V 0 .Not in primary family
D A-HERNTF 1 241	v 1.No children
Hourly earnings top code flag	v 2.1 child
V -1 .Not in universe	v 3.2 children
V 0 .Not top coded	v 4.3 children
. V 1 .Top coded	v 5.4 children
, , , , , , , , , , , , , , , , , , , ,	V 6.5 children
D A-WERNTF 1 242	y 7.6 children
Weekly earnings top code flag	y 8.7 children
V -1 .Not in universe	V 9.8+ children
V 0 .Not top coded	
V 1 .Top coded	D A-PFPRCD 2 277
	Presence of own children < 18 in
D A-FERNIP 4 243	primary family.
Family earnings top code	U ALL'
V -1 .Not in primary family or	v 0 .Not in primary family
Vnot in universe	y 1 ,No children < 18 years old
V 0000-9999 Family earnings value	v 2 .Atl children 0-2 years old
y 0000 yyyy liberity edititings value	y 3 .All children 3-5 years old
D A-FERNTF 1 247	v 4 .All children 6-13 years old
Family earnings top code flag	y 5 .All children 14-17 years old
V -1 .Not in universe	v 6 .Children 0-2 and 3-5
V 0 .Not in universe V 0 .Not top codes	v _(none 6-17)
V 1 .Top Coded	v 7 .Children 0-2 and 6-13
1 1 10h conen	y .(none 3-5 or 14-17)
<del>由企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业</del>	v 8 ,Children 0-2 and 14-17
* Adult Weights *	v .(none 3-13)
· AUULU 特定19015	v 9 ,Children 3-5 and 6-13
· · · · · · · · · · · · · · · · · · ·	v ,(none 0-2 or 14-17)
D 4 200 LIST 0 7/0 3	v 10 .Children 3-5 and 14-17
DA-FNLWGT 8 248 2 Adults final weight (2 implied	v _(none 0-2 or 6-13)
· · · · · · · · · · · · · · · · · · ·	v 11 Children 6-13 and 14-17
decimal places)	v .(none 0-5)
U ALL	v 12 .Children 0-2, 3-5 and 6-13
D A-ECRNLUT 8 256 2	V (none 14-17)
- · · · · · · · · · · · · · · · · ·	v 13 .Children 0-2, 3-5 and 14-17
Earnings/not in labor force weight	V (none 6-13)
(2 implied decimal places)	v 14 .Children 0-2, 6-13 and 14-17
U H-MIS=4 or 8	V (none 3-5)
n i UPPLIAR 6 977	v (none 3-5) V 15 Children 3-5, 6-13 and 14-17
D A-VETNGT 8 264 2	
Veteran's weight	
(2 implied decimal places)	V 16 .Children from all age groups
family recodes	
U All	
	•

DATA	SIZE BEGIN	DA	TA SIZ	E BEGIN
D A-PFREL	1 279	0		1 286
Primar	y family relationship			ll-time/part-time status of
	O .Not in primary family			family earners (16+)
U ALL		L	H-MIS=4 or 8	}
	1 .Husband	٧		Not in universe (MIS 1,2,3,5,6,7)
<b>V</b> :	2 .Wife	١	0.	Not in primary family
<b>V</b> :	3 .Own child	٧		No earners
V 4	4 .Other relative	٧	2.	All earners full-time
V :	Jummarried reference person	V	3.	Some full-time, some part-time
	•	٧		All earners part-time
D A-PFSIZE	2 280	V		Not in Universe
Size o	f primary family			
UALL	· • · · · · · · · · · · · · · · · · · ·	D	A-PFEARN	4 287
	O .Not in primary family	_		kly family earnings (for
-	9 .Number individuals		members 1	
v	-(A-FAMTYP = 1 or 3)	11	H-MIS=4 or 8	
•	-(x (Mill) - 1 of 3)	v		
D A-PFHHAG	1 282	v		Not in primary family or not
			-	in universe
	primary family householder	V	0000-3333	Usual weekly family earnings
UALL	Nak - Andle	_	4 DEUGER	4 204
	Not a family member	U		1 291
<b>V</b> 1	<pre>1 &lt; 25 years old</pre>			earners in primary family 16+
	2.25-44 years old	_	ALL	
	3 .45-54 years old	٧		Not in universe (not in
	i .55-64 years old	٧		primary family)
V 5	5 .65+ years old	٧		No earners
		٧	1-8 .	1-8 earners
D A-LFESM	1 283	٧	9 .	9+ earners
Labor 1	force and earner status (male) -			
of hust	pand of primary family or male	D	A-PFNOEM	1 292
househo			Number of	employed in primary
U ALL			family 16	
	.Not in primary family/no male	V	•	Not in universe
	Employed earner	v		No one employed
	.Self-employed	v		1-8 employed
	.Without pay	v		9+ employed
	- Unemployed	•	, .	y emptoyed
	.Not in labor force	n	A-PENOUN	1 293 ·
	Armed Forces			
•	Armed roices		family 16	unemployed in primary
D A-LFESF	1 284	- 11	All	•
	• • • • • • • • • • • • • • • • • • • •			Nat in imiliana fuat in
	force and earner status (female)	V		Not in Universe (not in
	of primary family or female			primary family)
househo	older	V		No unemployed
U ALL		V		1-8 unemployed
	.Mot in primary family/no female	V	У.,	9+ unemployed
	.Employed earner			
	! .Self-employed	D		8 294 2
	.Without pay			ight - two implied decimal
	- Unempt oyed		places	
V . 5	i .Not in labor force	ប	ALL .	
۷ 6	.Armed Forces			
		D	A-FMEWGT I	B 302 2
D A-PFWS	1 285		Family ea	rnings weight (2 implied
Primary	family earners wage and salary		decimal p	laces) allocation flags
status		U	H-MIS=4 or 8	
UALL				
V -1	.Not in primary family	Đ	AXLINENO	1 310
	.Not in primary family			er allocation flag
	.No one employed	٧		No change
	: Some employed - no wage and	v		Blank to value
v	.salary workers	v		Value to Value
-	.satary workers With wage and salary workers,	•	J .	TELES IN TRIBE
V 3 V			A%RRP	1 711
-	.husband/wife or reference v	ט		1 311
٧	-person self-employed			hip to reference person
	.With wage and salary workers,		allocation	
Y	husband/wife or reference person	V		No change
٧	_not self-employed other	V		Blank to value
	ld member self-employed	V		Value to value
	.With wage and salary workers	٧	5 .	Value to value - no error
٧	.only			

D/	ATA SIZE BEGIN	DATA	SIZE BEGIN
n	AXPARENT 1 312	D AXMAJACT	1 323
•	Parent's line number allocation flag	٧	O .No change
V		V	1 .Value to blank
٧	2 .Blank to value	٧	2 .Blank to value
٧	3 .Value to value	V	<ol><li>Value to value</li></ol>
٧	5 .Value to value - no error	V	4 .Allocated
D	A%AGE 1 313	D AZANYWK	
	Age allocation flag	٧	O .No change
٧		V	1 .Value to blank
٧		V	2 Blank to value. 3 Value to value
٧	4 .Ailocated	V V	4 ,Allocated
D	AXMARITL 1 314	D A%HRS	1 325
.,	Marital status allocation flag	V AMIKS	0 .No change
V		v	1 .Value to blank
v		v	2 .Blank to value
v		v	3 .Value to value
v	<u>.</u>	v	4 .Allocated
D	A%SPOUSE 1 315	D A%HRSCHI	( 1 326
_	Spouse's line number allocation flag	V	0 .No change
٧	· · · · · · · · · · · · · · · · · · ·	٧	1 .Value to blank
٧	2 .Blank to value	٧	2 .Blank to value
V		٧	3 .Value to value
٧	5 .Value to value - no error	V	4 .Allocated
D	A%SEX 1 316	D A%USLFT	
	Sex allocation flag	V	0 .No change
V		Ä	1 .Value to blank
V		V V	2 .Blank to value 3 .Value to value
V		v	4 .Allocated
٧	4 .Attocated	*	4 .Attocated
ם _	AXVET 1 317	D AXFTREAS	
	Veteran status allocation flag	V	0 .No change
٧		V	1 .Value to blank 2 .Blank to value
V		v	3 .Value to value
v		v	4 .Allocated
		•	
	AXHGA 1 318	D A%LOSTII	1 1 329 0 No change
U	AXHGA 1 318 Highest grade attended allocation flag	v	1 .Value to blank
٧		v	2 Blank to value
v		v	3 .Value to value
-		v	4 ,Allocated
D	PADDING 1 319	D A%OVRTI	1 1 330
D	AXRACE 1 320	٧	0 .No change
	Race allocation flag	٧	1 .Value to blank
٧		V	2 .Blank to value
٧	=	V	3 .Value to value
٧	4 .Allocated	٧	4 .Allocated
_	ANODICIU 1 704	D A%JOBABS	
D	AXORIGIN 1 321 Origin allocation flag	V V	0 .No change 1 .Value to blank
v		V	2 .Blank to value
v		v	3 .Value to value
v		v	4 .Allocated
V		-	
	A%LFSR 1 322	D AXMHYABS	
U	A%LFSR 1 322 Labor force status recode allocation	. V V	0 .No change 1 .Value to blank
	flag	V	2 .Blank to value
٧		v	3 .Value to value
v		v	4 .Allocated
-		-	

#### **DATA DICTIONARY**

DAT	١	SIZE	BEGIN		DAT	'A	SI	ZE BEGIN
D 45	ZPAYABS	1	333		D	AXIND		1 343
v		•	change	•	v		0	.No change
Ÿ			lue to blank		٧		1	.Value to blank
Ÿ			ank to value		V		2	.Blank to value
Ÿ			lue to value		V		3	.Value to value
٧	_		located		V		4	.Allocated
D A	KFTABS	1	334		-	A%OCC		1 344
٧	(	O.No	change		V			.No change
٧			lue to blank		V		•	.Value to blank
٧			ank to value		V		_	.Blank to value
V	-		lue to value located		V		_	.Value to value .Allocated
•					_	49/61 OLEVO		4 7/5
	KLKWK	_ 1	335		_	A%CLSWKR	^	1 345
٧			change		v			.No change .Value to blank
V			lue to blank		V			.Blank to value
V	_		ank to value		v			.Value to value
V			lue to value located		v			.Allocated
-						AWNU FL I		1 346
	EMTHD .	. 1	336		V	AXNLFLJ	^	.No change
V			change		v		-	.Value to blank
V			lue to blank		v			.Blank to value
V			ank to value		v			.Value to value
V V	_		iue to value located		V		_	.Allocated
•		•	rocared		_			
D A	<b>SWHYLK</b>	1	337	**	-	AXWHYLFT	_	1 347
V			change		V			.No change
V			lue to blank		V			.Value to blank
V			ank to value		V		_	.Blank to value
V			lue to value		V		-	.Value to value
٧	•	4 .AU	located		V		4	,Attocated
	KWKSLK	1	338			AXWANTJB	^	1 348
٧			change		V		-	.No change
٧			lue to blank	·	V.			.Value to blank .Blank to value
٧			ank to value		V		_	.Value to value
V			lue to value located		v		_	.Allocated
٧		4	tocated				•	
D A	KLKFTPT	1	339		_	AXWHYNL	_	1 349
٧	1	O .No	change		V			.No change
٧			lue to blank		V		-	.Value to blank
٧			ank to value		v.			.Blank to value .Value to value
V			lue to value		V		-	.Allocated
٧	•	4 .AU	located		V		•	.Attocated
	ZAVATL	1	340			AXINTEND		1 350
٧			change		V			.No change
V			lue to blank		V			.Value to blank .Blank to value
٧			ank to value	•	v			.Value to value
V			lue to value located		v		-	.Allocated
•						4 <b>9</b> /1/02 42 5		4 754
	AHYNA	1	. 341			AXUSLHRS		1 351
V			change		V			.No change .Value to blank
٧			lue to blank		v			.Value to blank .Blank to value
V			ank to value		v V		_	.Value to value
V			lue to value located		v		_	.Allocated
-					-	ANUM SA		4 750
	XWHENLJ	1	342		D V	A%HRLYWK		1 352 Not in universe
¥			change		v			.No change
V			lue to blank		v			.Value to blank
V			ank to value		v			.Blank to value
V			lue to value located		v			.Value to value
*		- ,Al	rocared		v			.Allocated

DATA	SIZE BEGIN	DATA	SIZE BEGIN
D AXHRSPAY	1 353	D AXENRCHK	1 357
V -1	.Not in universe	٧	0 .No change
V 0	.No change	٧	1 .Value to blank
V 1	.Value to blank	٧	2 .Blank to value
V 2	.Blank to value	٧	3 .Value to value
V 3	.Value to value	٧	4 .Allocated
v 4	.Allocated		
		D A%ENRLW	1 358
D AXGRSWK	1 354	٧	0 _No change
V -1	.Not in Universe	٧	1 .Value to blank
V 0	.No change	V	2 .Blank to value
V 1	.Value to blank	V	3 .Value to value
V 2	.Blank to value	V	4 .Allocated
V 3	.Value to value		
V . 4	.Allocated	D A%HSCOL	1 359
		V	0 .No change
D AZUNMEM	1 355	V	1 .Value to blank
V -1	.Not in universe	V	2 .Blank to value
v 0	.No change	V	3 .Value to value
v 1	.Value to blank	V	4. Allocated
ν 2	.Blank to value		
v 3	.Value to value	D AXFTPT	1 360
V 4	_Allocated	V	0 .No change
		V	<ol> <li>Value to blank</li> </ol>
D AMUNCOV	1 356	٧	2 .Blank to value
V -1	.Not in universe	V	3 .Value to value
V 0	.No change	V	4 .Allocated
v 1	.Value to blank		
V 2	.Blank to value		
v 3	.Value to value		
V 4	.Allocated		
	'		-

## **ATTACHMENT 7**

# Current Population Survey Child's Interview Data Dictionary

DATA SIZE BEGIN	DATA SIZE BEGIN
D H\$PAD1 1 1	V 12 .Other not HU
D H\$PAD2 1 2	D H-FARM 1 11
	Farm def'n - edited using urban/rural
D H-MONTH 2 3	code
Month of survey U All	U All From MST and CPS-1 Items 5A and 5B
V 01-12 -Month	V 1 .Nonfarm
	V 2.Farm
D H-YEAR 1 5	N U TYNTHY 4 45
Year of survey - last digit U All	D H-TYPINT 1 12 Item 13 - Type înterview
V 0-9 Last digit of year	U ALL
	V -1 .Blank or impossible
D H-HHNUM 1 6	V 1 Noninterview
Household number U All	V 2 .Personal V 3 .Tel regular
V -1 -Blank	V 4.Tel callback
V 1-8 -Household number	V 5 .ICR filled
D 4 COCCUY • 7	D II DECONIA 4 47
D N-CPSCHK 1 7  Item 1 - Interviewer check item	D H-RESPNM 1 13 Item 12 - Line no. HHLD resp.
U All	U All
V -1 .Blank	V -1 .Blank or impossible
V 1 .Only CPS-1 for household	V 1-6 .Line no.
V 2 .First CPS-1 of continuation V .household	V 7 ,Non HHLD resp.
Vhousehold V 3 .Second CPS-1 of continuation	D H-AREASN 1 14
V .household	Item 14 - Reason for type A
V 4 -Third, fourth, etc. CPS-1	U H-HHTYPE=2
	V -1 .Not in universe
D H-DAYCHP 1 8	V 1 .No one home
Day interview complete U All	V 2 .Temporarily absent V 3 .Refused
V -1.Blank	V 4 Other - occ.
V 1 .Sunday	
V 2 Monday	D H-ARACE 1 15
V 3.Tuesday V 4.Wednesday	Item 14 - Race for type A U H-HHTYPE=2
V 4 .Wednesday V 5 .Thursday	V -1 .Not in universe
V 6 Friday	V 1 .White
V 7 .Saturday	V 2 .Black
V 8 .After interview week	V 3.Other
D H-LIVORT 2 9	D H-TYPEBC 2 16
Item 4 - Type of Living quarters	Item 15 - Type B/C
(Recode)	U H-HHTYPE=3
U All	V -1 ,Not in universe
Housing unit V 01 .House, apt., flat	Type B V 01 .Vacant - regular
V 02 .HU in nontransient hotel, etc.	V 02 .Vacant - regular
V 03 .HU, perm., in trans. hotel,	V .furniture
V .motel etc.	V 03 .Temp occ. by persons with URE
V 04 .HU in rooming house V 05 .Hobile home or trailer with	V 04 .Unfit or to be demolished V 05 .Under construction, not ready
V .no permanent room added	V 06 .Converted to temp. business
V 06 .Mobile home or trailer with 1	V .or storage
V .or more perm. rooms added	V 07 ,Occ. by AF members or persons
V 07 .HU not specified above	V .under 15
Other unit V 08 .Qtrs not HU in rooming or	V 08 .Unocc. tent or trailer site V 09 .Permit granted, construction not
V 08 .qtrs not HU in rooming or V .boarding house	V UV .Permit granted, construction not V .started
V 09 .Unit not perm. in trans, hotel,	V 10 .Other
V .motel, etc.	Type C
V 10 .Tent or trailer site	V 11 .Demolished
V 11 .Student quarters in college	V 12 .House or trailer moved V 13 .Outside segment
V .dormitory	V 13 .Outside segment

DATA SIZE BEGIN	DATA SIZE BEGIN
V 14 .Converted to perm. business or	D H-TENURE 1 25
V storage	Tenure
V 15 .Merged	U ALL
V 16 Condemned	V -1 -Not in universe
V 17 .Built after April 1, 1980 V 18 .Unused line of listing sheet	V 1.Owned or being bought
The second state of the state o	V 2 .Rent
V 19.Other	V 3.No cash rent
D H-SEASON 1 18	D H-FAMING 2 26
Item 16 - Seasonal status	Family income
H-TYPEBC=1-3	Note: If a nonfamily household
V -1 .Not in universe	(H-FAMIND=0), income includes only
/ 1 .Year round / 2 .By migratory workers	that of householder.
V 2 .By migratory workers V .3 .Seasonally	U ALL
J .Seasonatty	V -1 .Not in universe
D H-OCCINT 1 19	V 0 .Less than \$5,000 V 1 .\$5.000 to \$7,499
Item 17 - This whit is intended for	V 1 .\$5,000 to \$7,499 V 2 .\$7,500 to \$9,999
occupancy	V 3 .\$10,000 to \$12,499
J H-SEASON=2 or 3 and H-LIVGRT=1-7	
V -1 .Not in universe	V 4 .\$12,500 to \$14,999 V 5 .\$15,000 to \$19,999
V 1 .Summers only	V 6 .\$20,000 to \$24,999
2 .Winters only	V 7 .\$25,000 to \$29,999
V 3 Other	V 8 .\$30,000 to \$34,999
	V 9 .\$35,000 to \$39,999
) H-INTRV1 2 20	V 10 .\$40,000 to \$49,999
Interviewer code	V 11 .\$50,000 to \$59,000
Blank or impossible in any digit	V 12 .\$60,000 to \$74,999
interviewer code A00-M99 excluding IXX	V 13 .\$75,000 and Over
/ -1 .Blank	V 19 .Not answered
/ 00 .A	
7 01 "B	D H-TELHHD 1 28
/ 02 .C	Telephone in household
/ 03 .D	U All (March, July, Nov. only)
7 04 .E	V -1 .Not in universe (noninterview
/ 05 .F	V 1 .Yes
/ 0 <u>6</u> .G	V 2.No
/ 07 .н	
L. 80	D H-TELAVL 1 29
/ 09 .K	Telephone available
10 .L	U H-TELHHD=2 (March, July, Nov. only)
/ <u>11 -M</u>	V -1 .Not in universe
V 12 .N	V 1.Yes
/ 13 .P	V 2.No
/ 14 .Q / 15 .R	
7 777	D H-TELINT 1 30
/ 16 .s / 17 .T	Telephone interview acceptable
	U H-TELHHD=1 or H-TELAVL=1 (March, July,
/ 18 _U / 19 _V	Nov. only)
20 -	V -1 .Not in universe
21 .X	V 1 .Yes V 2 .No
22 .Y	V 2.No
23 ,2	D H-PRSCNT 1 31
,	Item 30 - Number of contacts - actual
H-INTRV2 1 22	and attempted personal
Interviewer Code - digit 2	U March, July, Nov. only
-1 .Blank	V -1 .Blank
0-9 .Interviewer code digit 2	V 1-6.# of personal contacts
<b>4</b> · - <b>4</b>	V .(6 = 6+)
H-INTRV3 1 23	
Interviewer Code - digit 3	D H-TELCNT 1 32
-1 .Blank	Item 30 - Number of contacts - actual
0-9 .Interviewer code digit 3	and attempted telephone
	U March, July, Nov. only
H-STATUS 1 24	V -1 .Blank
Item 27B - HHLD status change -	V 1-9 # of telephone contacts
replacement household	V (9 = 9+)
All	• •
-1 .Blank	D H-TIMINT 1 33
1 .Yes	Item 31 - Time of interview
2 .No	U March, July, Nov. only
	V -1 .Blank
	V 1 .Midnight to 6 A.M.
	V 2.6 to 9 A.M.
	V 3.9 A.m. to noon

DATA SIZE BEGIN	DATA SIZE BEGIN
V 4 .Noon to 3 P.H.	D H-MSTIND 5 44
V 5 .3 to 6 P.M.	Master segment tape index
V 6 .6 to 9 P.H.	Unique segment identifer
V 7.9 P.M. to midnight	
	D H-HHWGT 9 49 2
***********	Household weight (2 implied
* Household recodes *	decimal places)
****************	Final household weight equivalent to
_ ,, ,,,,,,,,,	the weight of the wife in husband-wife
D H-HHTYPE 1 34	households and the reference person
Type of household	in all other households
U All V 1 .Interview	************
V 2.Type A non-interview	* Allocation flags *
V 3 Type B/C non-interview	ALLOCALION 11435
a liyed by a field titled treat	
D H-MIS 1 35	D HXTENURE 1 58
Month in sample	V 0 .No change
U ALL	V 1 .Value to blank
V 1-8 .Month in sample	V 4 .Allocated
D H-NUMPER 2 36	D HXFANINC 1 59
Number of persons in household	V O .No change
UALL	V 2.Blank to value
V 00 Noninterview household	V 6 .Refusal to value, allocated,
V 1-39 .Number of persons in HHLD	V .no error
D H-TYPE 1 38	D UYADACE 4 40
Household type	D H%ARACE 1 60 V 0 No change
U All	V 1.Value to blank
V 0 .Non-interview household	V 4 Allocated
V 1 .Husband/wife primary family	i introductu
Y .(neither husband or wife in	D H%CPSCHK 1 61
V .Armed Forces)	V 0 .No change
V 2 . Nusband/wife primary family	V 2 .Blank to value
. V .(husband and/or wife in armed	
V .forces)	D H%DAYCMP 1 62
V 3 .Unmarried civilian male	V 0 .No change
Vprimary family householder	V 2 .Blank to value
V 4 Unmorried civilian female	
Vprimary family householder	D H%HHNUM 1 63
V 5 Primary family household - V reference person in	V 0 ,No change
V .reference person in V .Armed Forces and unmarried	V 2.Blank to value V 8.Blank to NA - error
V 6 , Civilian male primary	O .Brank to MA ~ Ellol
V .individual	D HXINTRV 1 64
V 7 .Civilian female primary	V 0 .No change
V .individual	V 2 .Blank to value
V 8 .Primary individual household -	
V .reference person in Armed Forces	D HXLIVORT 1 65
V 9 .Group quarters	V 0 .No change
D. 11 Allacana	V 4 .Allocated
D H-TYPERP 1 39	V 7 .Blank to NA - no error
Type of reference person	a necessary 4 //
U H-HHTYPE=1	D H%OCCINT 1 66
V 0 .Not in universe V 1 .Civilian	V 0.No change V 1.Value to blank
V 1 .CIVICIAN V 2 .Armed Forces	V 1 .Value to Dlank V 4 .Allocated
V 3 .Group quarters	7 ANTIBORICA
- a raisap quarters	D HXRESPNM 1 67
D H-NUMFAM 2 40	V 0 .No change
Number of families in HHLD	V 2 .Blank to value
U H-HHTYPE=1	
V 00 ,Not in universe	D H%SEASON 1 68
V 00-39 .Number of families	V O No change
- 11 11 11 11 11 11 11 11 11 11 11 11 11	V 1 .Value to blank
D H-HHDSEQ 2 42	V 4 .Allocated
Householder sequence number	D BYCTATUS 4 /O
(reference person)	D HXSTATUS 1 69
(Will be first adult record for	V 0.No change V 1.Value to blank
group quarters) U H-HHTYPE=1	V 1 .Value to blank V 2 .Blank to value
V 00 ,Not in universe	V 2.Blank to value V 3.Value to value
V 01-39 ,Sequence number	V 8 .Blank to NA - error
V 01 07 100 question indianes	T SECURE OF THE

DATA SIZE BEGIN	DATA SIZE BEGIN
D HZAREASN 1 70	y 45 .South Dakota
V 0 .No change	v 46 .Nebraska
y 1 .Value to blank	V 47 Kansas
	South Region (Region 3) South Atlantic Division (Div. 5)
D HXTYPEBC 1 71	
V 0 No change	y 51 Delaware y 52 Maryland
y 1 .Value to blank	y 53 .District of Columbia
D HXTELHHD 1 72	v 54 Virginia
D HXTELHID 1 72 V 0 No change	v 55 West Virginia
V 1 .Value to blank	v 56 North Carolina
v 4 .Allocated	y 57 .South Carolina
7	γ 58 ∟Georgía
D HXTELAVL 1 73	y 59 Florida
V 0 .No change	East South Central Division (Div. 6)
V 1.Value to blank	V 61 .Kentucky
V 4 .Allocated	V 62 .Tennessee
	V 63 Alabama
D HXTELINT 1 74	V 64 Mississippi
V 0 .No change	West South Central Division (Div. 7)
V 1 .Value to blank	V 71 .Arkansas V 72 .Louisiana
V 4 .Allocated	<u> </u>
a utipagguy f. T	V 73.Oklahoma V 74.Texas
D HXPRSCNT 1 75	West Region (Region 4)
V 0.No change	Mountain Division (Div. 8)
V 2 .Blank to value	V 81 Montana
D HATIMINT 1 76	V 82 Idaho
V 0 .No change	y 83 .Wyoming
V 2 .Blank to value	v 84 Colorado
E INTUIN OF VENEZ	y 85 .New Mexico
D HXTELCHT 1 77	V 86 Arizona
V 0 .No change	V 87 .Utah
V 7 .Blank to NA - no error	V 88 .Nevada
•	Pacific Division (Div. 9)
<b>大大企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企</b>	V 91 .Washington
* Master Segment Tape (M.S.T.) items *	V 92 .Oregon
* for M.S.T. variables whose ranges are *	v 93 .California
<ul> <li>not defined here, see geographic</li> </ul>	V 94 Alaska
* appendix to this DDL.	V 95 "Hawaii
	D HG-STRN 2 81
D HG-REG 1 78	1980 State rank
	(See Geographic Appendix)
Region V 1 Northeast	(000 000)
V 2 .Midwest	D HG-FIPS 2 83
V 3 .South	FIPS State code
V 4 .West	(See Geographic Appendix)
D HG-ST60 2 79	D HG-MSAS 1 85
1960 Census state code (first	MSA status
digit = geog. division code)	y 1 .In MSA, in CC
Northeast Region (Region 1)	y 2 .in MSA, not in CC
New England Division (Div. 1)	V 3 .Not in MSA V 4 .Not identified
V 11 Maine	V 4 .Not identified
V 12 New Hampshire	D HG-MSAC 4 86
V 13 .Vermont V 14 .Massachusetts	MSA or PMSA FIPS code
V 14 .Massachusetts V 15 .Rhode Island	y 0000 .Not MSA/PMSA, not identified
V 16 .Connecticut	V 0040-9340 .MST/PMSA code
Middle Atlantic Division (Div. 2)	(See Geographic Appendix)
V 21 .New York	
V 22 .New Jersey	D HG-PMSA 2 90
V 23 .Pennsylvania	PMSA rank
Midwest Region (Region 2)	V 00 .Not a PMSA, not identified
East North Central Division (Div. 3)	V 01-12 Ranking of PMSA within its CMSA
V 31 -Ohio	(See Geographic Appendix)
V 32 Indiana	
V 33 Illinois	D HG-MSAR 3 92
V 34 Michigan	MSA or CMSA rank
V 35 .Wisconsin	V 000 .Not an MSA, not identified V 001-252 .Ranking of MSAs or CMSAs by
West North Central Division (Div. 4)	V 001-252 Ranking of MSAs or CMSAs by V .population
V. 41 Minnesota V 42 Jowa	(See Geographic Appendix)
V 42 .lowa V 43 .Missouri	foce acodiobilic ubbeinging
V 44 .North Dakota	
TT INVISIT PUNCTO	

```
SIZE BEGIN
DATA
                                                       DATA
                                                                 SIZE BEGIN
D HG-MSSZ 2
    MSA size
                                                        D PADDING 4 126
    First character -- padding
Second character -- pop. size MSA/CMSA
                                                        D C-RACE
                                                                   1
                                                                       130
         1 .Not identified, not an MSA
                                                           Item 18J - Race
         2 .100,000 - 249,999
3 .250,000 - 499,999
٧
                                                                 1 .White
         4 .500,000 - 999,999
٧
                                                                 2 .Black
         5 .1 million - 2,499,999
٧
                                                                 3 .Amer. Indian, Aleut Eskimo
                                                        V
         6 .2.5 million - 4,999,999
                                                                 4 .Asian or Pacific Islander
                                                        ٧
         7 .5 million - 9,999,999
                                                                 5 .Other
٧
         8 .10 million or more
                                                        D PADDING 63
D HG-CMSA 2 97
V 00 Not in CMSA, not identified
                                                        **********
                                                             Child recodes
                                                        ************
    (See Geographic Appendix)
       TA 1 99
1 Metropolitan
                                                        D C-REORGN 2 194
D H-METSTA
                                                           Item 18K - Origin
         2 .Wormetropolitan
         3 .Not identified
                                                        ٧
                                                             1 .Mexican American
                                                        ٧
                                                             2 .Chicano
D H-INDVCC
                                                        ٧
                                                             3 .Mexican (Mexicano)
    Individual central city identifier
                                                        ٧
                                                             4 .Puerto Rican
    (See Geographic Appendix)
                                                             5 .Cuban
                                                             6 .Central or South American
                                                        ٧
D H-RECTYP 1 101
V 1 .Interviewed adult
                                                             7 .Other Spanish
                                                             8 .All other
٧
         2 .Type A noninterview
                                                             9 .Don't know
                                                            10 .NA
         3 .Type B/C noninterview
         4 .Armed Forces record
                                                        D C-EXPRRP 2 196
         5 .Childrens record
                                                           Expanded relationship code
D H-ID
       12 102
    Unique household identifer
                                                        ٧
                                                                 5 .Natural/adopted child
                                                                 6 .Step child
乔木女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女
                                                                 7 .Grandchild
* Edited Children's Control Card Items *
                                                                9 .Brother/sister
***************
                                                                10 .Other relative
                                                                11 .Foster child
D C-LINENO 2 114
                                                                12 .Nonrelative with relatives
   Item 18A - Line number
                                                                14 .Nonrelative without relatives
V 01-39 Line number
                                                                 50
                                                       D PADDING
                                                                        198
                                                        ********
          2 116
   Item 188 - Relationship to
                                                            Child weights
                                                        ***********
   reference person
UALL
      5 .Own child
                                                       D C-FNLWGT 8 248
                                                            Childs final weight
      7 .Brother/sister
                                                            (2 implied decimal places)
      8 .Other relative of ref. person
      9 Non-rel. of reference person with
       .own relatives in HHLD
     10 .Non-rel. of reference person-no
                                                       D PADDING 16 256
       _own relatives in HHLD
                                                        **********
D C-PARENT 2 118
                                                           Family recodes
                                                        **********
   Item 18C - Parent's line number
        00 .None
                                                       D C-FAMNUM 2 272
     01-39 .Parent's line number
                                                           Family number
                                                       DALL
D C-AGE
                                                        v
                                                                00 .Not a family member
                                                              01 Primary family member only
   Item 18D - Age
UALL
                                                             02-19 .Subfamily member
    00-14 .Child age
                                                       D C-FAMTYP 1
                                                                        274
D PADDING 3 122
                                                            Family type
D C-SEX
          1
                                                             1 .Primary family
   Item 18G - Sex
                                                             2 .Primary individual
UALL
                                                             3 .Related subfamily
      1 .Male
                                                              4 .Unrelated subfamily
                                                             5 .Secondary individual
     2 .Female
```

	attr protu	DATA	SIZE BEGIN
DATA	SIZE BEGIN	AIN	SIZE DEGIN
		D C-	PFHHAG 1 282
D C-FAMREL	1 275		Age of primary family householder
•	relationship	U AL V	O .Not a family member
U ALL V	0 .Not a family member	v	1 .< 25 years old
=	1 .Reference person	v	2 .25-44 years old
	2 _Spouse	٧	3 .45-54 years old
٧	3 .child	٧	4 .55-64 years old
	4 .Other relative (primary	٧	5 .65+ years old
V V	.family and unrelated _subfamily only)	n c-	LFESM 1 283
*	ISOLDIBILITY ONLY)		Labor force and earner status (male)
D C-PFNOCD	1 276		of husband of primary family or
	of own children < 18 in		male householder
	y family	U AL V	0 .Not in primary family/no male
U ALL V	O .Not in primary family	v	1 .Employed earner
	1 .No children	v	2 .Self-employed
	2 .1 child	٧	3 .Without pay
-	3 .2 children	٧	4 .Unemployed
	4 .3 children	V	5 .Not in labor force 6 .Armed Forces
	5 .4 children 6 .5 children	٧	6 .Affied Forces
-	7.6 children	D C-	LFESF 1 284
	8 .7 children	- <b>-</b>	Labor force and earner status (female)
V	9 .8+ children		of wife of primary family or female
			householder
D C-PFPRCD	2 277	U Al V	
	ce of own children < 18 in . y family.	V	<pre>0 .Not in primary family/no     .female</pre>
U ALL	y rounty.	v	1 .Employed earner
٧	O .Not in primary family	٧	2 .Self-employed
٧	1 .No children < 18 years old	V	3 .Without pay
	2 .All children 0-2 years old	V	4 .Unemployed
	3 .All children 3-5 years old 4 .All children 6-13 years old	v	5 .Not in labor force 6 .Armed Forces
	5 .All children 14-17 years old	•	o tarina refees
	6 -Children 0-2 and 3-5	D C-	PFWS 1 285
٧	.(none 6-17)		Primary family earners wage and
	7 .Children 0-2 and 6-13		salary status (16+)
V	.(none 3-5 or 14-17) 8 .Children 0-2 and 14-17	U AL V	0 Not in primary family
v	.(none 3-13)	v	1 .No one employed
Ÿ	9 .Children 3-5 and 6-13	٧	2 .Some employed - no wage
V	.(none 0-2 or 14-17)	٧	and salary workers
	0 _Children 3-5 and 14-17	V	<ol> <li>With wage and salary workers, husband/wife or reference</li> </ol>
V V 1	.(none 0-2 or 6-13) 1 .Children 6-13 and 14-17	Ÿ	.person self-employed
v '	_(none 0-5)	v	<ol> <li>With wage and salary workers,</li> </ol>
V 1	2 .Children 0-2, 3-5 and 6-13	٧	.husband/wife or reference
V	.(none 14-17)	٧	person not self-employed other
V 1	3 .Children 0-2, 3-5 and 14-17 .(none 6-13)	V	.household member self-employed 5 .With wage and salary workers
-	4 .Children 0-2, 6-13 and 14-17	v	only
٧	(none 3-5)		· ··· •
	5 .Children 3-5, 6-13 and 14-17	D C-	PFFTPT 1 286
V	-(none 0-2)		Usual full-time/part-time status of
V 1	6 .Children from all age groups	(! W-	primary family earners (16+) MIS=4 or 8
D C-PFREL	1 279	v "	-1 .Not in universe
	y family relationship	٧	.(MIS 1,2,3,5,6,7)
U ALL		٧	<ol> <li>Not in primary family</li> </ol>
	0 Not in primary family	V	1 .No earners
	1 .Husband 2 .Wife	V V	<ol> <li>All earners full time</li> <li>Some full time, some part time</li> </ol>
•	3 .Own child	v	4 .All earners part time
	4 .Other relative	٧	5 .Not in universe
٧	5 .Unmarried reference person		
D C-DE0135	3 390	D C-	PFEARN 4 287
D C-PFSIZE	2 280 fprimary family		Total weekly family earnings (for members 16+)
U ALL	i primmir y country	U H-	MIS=4 or 8
	O .Not in primary family	v "	-1 .Not in primary family
v 02-3	9 Number individuals	٧	or not in universe
V	.(A-FANTYP = 1 or 3)	V 00	000-9999 .Usual weekly family earnings

DATA SIZE BEGIN	DATA SIZE BEGIN
n c-pewoer 1 291	D C%RRP 1 311
	Relationship to reference person
Number of earners in primary family 16+	allocation flag
UALL	V 0.No change
y -1 .Not in universe (not in	
V .primary family)	
y 0 .No earners	y 3 .Value to value
v 1-8 .1-8 Earners	y 5 .Value to value - no error
v 9 .9+ Earners	
• • • • • • • • • • • • • • • • • • • •	D CXPARENT 1 312
D C-PFNOEM 1 292	Parent's line number allocation flag
Number of employed in primary	y 0 _No change
	y 2 .Blank to value
family 16+	y 3 .Value to value
y -1 .Not in universe	y 5 Value to value - no error
V 0 ,No one employed	y J. value to value the circu
v 1-8.1-8 Employed	4 747
y 9,9+ Employed	D C%AGE 1 313
	Age allocation flag
D C-PFNOUN 1 293	y 0 .No change
Number of unemployed in primary	y 2 .Blank to value
	v 4 Allocated
family 164	•
U All	D PADDING 2 314
y -1 .Not in universe (not in	D PADDING E 314
γ .primary family)	D CXSEX 1 316
y 0 .No unemployed	
y 1-8 .1-8 Unemployed	Sex allocation flag
y 9.9+ Unemployed	V 0 No change
	y 2 .Blank to value
D C-FAMNGT 8 294 2	y 3 .Value to value
Family weight - two implied	y 4 .Allocated
decimal places	D PADDING 3 317
U All	g Indulate of the
<b>•</b>	D CXRACE 1 320
D C-FMEWGT 8 302 2	Race allocation flag
Family earnings weight	
(2 implied decimal places)	V 0 .No change
_ U H-MIS=4 or 8	y 2 .Blank to value
- • · · · · · · ·	y 4 .Allocated
有实实者也对当实实者自由实实的实现的实现,不是不完全的,不是不完全的,不是不完全的,不是不完全的。	
* Allocation flags *	D CXORIGIN 1 321
- 共ししたはしていましたり	Origin allocation flag
	V 0 .No change
	y 2 .Blank to value
D CXLINENO 1 310	y 5 .Value to value - no error
Line number allocation flag	· · · · · · · · · · · · · · · · · · ·
V 0 .No change	y 8 .Blank to n/a code
y 2 .Blank to value	70.
y 3 .Value to value	D PADDING 39 322

	•					
•						
	-					
					•	
			•			
				4		
•						
						-

#### **ATTACHMENT 8**

## Current Population Survey Armed Forces' Interview Data Dictionary

```
DATA
              SIZE BEGIN
                                                                DATA
                                                                             SIZE BEGIN
  D H$PAD1
               1
                       1
                                                                            12 .Other not HU
  D H$PAD2
                       2
                                                                                1
                                                                                      11
                                                                       Farm def'n - edited using urban/rural
 D H-MONTH
               2
                                                                       code
      Month of survey
                                                                  UALL
 JJA U
                                                                       From MST and CPS-1 Items 5A and 5B
        01-12 _Month
                                                                            1 .Nonfarm
                                                                             2 .Farm
 D H-YEAR
               7
      Year of survey - last digit
                                                                 D H-TYPINT
 UALL
                                                                      Item 13 - Type interview
          0-9 Last digit of year
                                                                 ٧
                                                                           -1 .Blank or impossible
 D H-RHMUM
             7
                                                                 ν
                                                                            1 Noninterview
     Household number
                                                                            2 .Personal
                                                                            3 .Tel. - regular
           -1 .Blank
                                                                            4 .Tel. - callback
          1-8 _Household number
                                                                            5 .ICR filled
 D H-CPSCHK
                                                                 D H-RESPNM
                                                                             1
     Item 1 - Interviewer check item
                                                                      Item 12 - Line no. HHLD resp.
           -1 .Blank
                                                                 ٧
                                                                           -1 .Blank or impossible
 ٧
           1 .Only CPS-1 for household
                                                                          1-6 Line no.
7 Non HHLD resp.
                                                                 ٧
           2 .First CPS-1 of continuation
 ٧
 ٧
              .household
           3 .Second CPS-1 of continuation
 ٧
                                                                     AREASN 1 14
Item 14 - Reason for type A
                                                                 D H-AREASN
 ٧
              household
           4 .Third, fourth, etc. CPS-1
                                                                U H-HHTYPE=2
                                                                           -1 .Not in universe
D H-DAYCHP
             7
                   8
                                                                ٧
                                                                           1 .No one home
     Day interview complete
                                                                ٧
                                                                            2 .Temporarily absent
                                                                           3 Refused
٧
          -1 _Blank
                                                                           4 .Other - occ.
٧
           1 .Sunday
           2 Monday
                                                                D H-ARACE
٧
           3 .Tuesday
                                                                     Item 14 - Race for type A
           4 . Wednesday
                                                                  H-HHTYPE=2
٧
           5 .Thursday
                                                                ٧
                                                                           -1 .Not in universe
           6 .Friday
                                                                ٧
                                                                           1.White
           7 .Saturday
                                                                ٧
                                                                           2 .Black
           8 .After interview week
                                                                           3 .Other
D H-LIVORT 2 9
Item 4 - Type of living quarters
                                                                D H-TYPEBC
                                                                     Item 15 - Type B/C
     (Recode)
                                                                U H-HHTYPE=3
UALL
                                                                         -1 .Not in universe
     Housing unit
          01 .House, apt., flat
                                                                          01 .Vacant - regular
          02 .MU in nontransient hotel, etc.
                                                                          02 .Vacant - storage of HHLD
۷
          03 .HU, perm., in trans. hotel,
                                                                             .furniture
٧
             .motel etc.
                                                                          03 .Temp occ. by persons with URE
          04 .HU in rooming house
                                                                          04 .Unfit or to be demolished
          05 .Mobile home or trailer with
                                                                          05 .Under construction, not ready
             .no permanent room added
                                                                          06 .Converted to temp. business
          06 .Mobile home or trailer with 1
                                                                             .or storage
٧
            .or more perm. rooms added
                                                                          07 .Occ. by AF members or persons
٧
         07 .HU not specified above
                                                                             .under 15
     Other unit
                                                                          08 .Unocc. tent or trailer site
٧
         08 .Qtrs not HU in rooming or
                                                                          09 .Permit granted, construction not
             .boarding house
                                                                             .started
         09 .Unit not perm. in trans. hotel,
                                                                          10 .Other
            .motel, etc.
                                                                     Type C
          10 .Tent or trailer site
                                                                          11 .Demolished
         11 .Student quarters in college
                                                                          12 .House or trailer moved
             .dormi tory
                                                                          13 .Outside segment
```

•••••			
DATA	SIZE BEGIN	DATA	SIZE BEGIN
		.,	d Nah i- emissana
V	14 .Converted to perm. business or	V	-1 .Not in universe
٧	.storage	V	1 .Owned or being bought
V	15 .Merged	V	2 Rent
V	16 .Condemned	٧	3 .No cash rent
٧	17 Built after April 1, 1980		
Ÿ	18 .Unused line of listing sheet	D H-FAMI	NC 2 26
v	19 .Other		nily income
•	17 LOCHE:		e: If a nonfamily household
D H-SE	ASON 1 18		FAMIND=0), income includes only
			t of householder.
	tem 16 - Seasonal status	U Ali	t of Househotoci.
	PEBC=1-3		-1 .Not in universe
V	-1 .Not in universe	V	
V	1 .Year round	V	0 .Less than \$5,000
٧	2 .By migratory workers	V	1 .\$5,000 to \$7,499
V	3 .Seasonally	V	2 .\$7,500 to \$9,999
		V	3 .\$10,000 to \$12,499
D H-00	CCINT 1 19	V	4 .\$12,500 to \$14,999
I	tem 17 - This unit is intended for	V	5 .\$15,000 to \$19,999
	occupancy	V	6 .\$20,000 to \$24,999
	ASON=2 or 3 and H-LIVQRT=1-7	V	7 .\$25,000 to \$29,999
V J.	-1 .Not in universe	Ÿ	8 .\$30,000 to \$34,999
v	1 .Summers only	v	9 .\$35,000 to \$39,999
v	2 .Winters only	Ÿ	10 .\$40,000 to \$49,999
		v	11 .\$50,000 to \$59,000
V	3 .Other	v	12 .\$60,000 to \$74,999
p. 10 ***	IZDU4 3 30	V	
	ITRV1 2 20	-	13 .\$75,000 and Over
	interviewer code	٧	19 .Not answered
	lank or impossible in any digit		
i	interviewer code A00-M99 excluding IXX	D H-TELH	
V	-1 .Blank		ephone in household
V	00 .A	U ALL (M	arch, July, Nov. only)
V	01 .B	V	<ul><li>-1 .Not in universe (noninterview)</li></ul>
٧	02 .C -	V	1 .Yes
V	03 .D	V	2 .No
V	04 .E		•
- V	05 .F	D H-TELA	.VL 1 29
٧	06 .G	Tel	ephone available
v	07 .H		IHD=2 (March, July, Nov. only)
v ·	08 .J	v	-1 .Not in universe
v	09 .K	V	1 .Yes
v	10 .L	v	2 .No
Ÿ	11 .M	•	F 1110
v	12 .N	D H-TELI	NT 1 30
v	13 .P		ephone interview acceptable
v	14 .0		HD=1 or H-TELAVL=1 (March, July,
v	15 .R	Nov. o	
v	16 .S	V	-1 .Not in universe
-			1 .Yes
V	17 .T	V.	
V	18 .U	٧	2 .No
V	19 .V	B # B	4 74
V	20 .W		NT 1 31
V	21 .X		m 30 - Number of contacts - actual
V	22 .Y		lattempted personal
٧	23 .Z		July, Nov. only
		V	-1 .Blank
D H-IN	ITRV2 1 22	· V	1-6 .# of personal contacts
I	Interviewer Code - digit 2	٧	.(6 = 6+)
٧	-1 .Blank		
V	0-9 .Interviewer code digit 2	D H-TELC	NT 1 32
	· · · · ·	Ite	m 30 - Number of contacts - actual
D H-IN	ITRV3 1 23	and	attempted telephone
	Interviewer Code - digit 3		July, Nov. only
v	-1 .Blank	v	-1 .Blank
v	0-9 .Interviewer code digit 3	v	1-9 .# of telephone contacts
-	week wigit d	v	.(9 = 9+)
D H-S1	ratus 1 24	•	***
	item 27B - HHLD status change -	D H-TIMI	NT 1 33
	replacement household		em 31 - Time of interview
U ALL	epressions nousenord		
V	-1 .Blank	V March,	July, Nov. only -1 .Blank
		•	
V	1 .Yes	V	1 .Hidnight to 6 A.M.
٧	2 .No	V	2 .6 to 9 A.M.
	where the Sc	V	3 .9 A.m. to noon
D H-TE	-	٧	4 Noon to 3 P.M.
	enure		
UALL			

DATA SIZE BEGIN	DATA SIZE BEGIN
V 5 .3 to 6 P.M.	D H-MSTIND 5 44
V 6 .6 to 9 P.M.	Master segment tape index
V 7,9 P.M. to midnight	Unique segment identifer
•	
*********	D H-HHWGT 9 49 2
* Household recodes *	Household weight (2 implied
音曲曲有实物曲的音音音曲曲曲音音音音音音音音音音音音音音音音音音音音音音音音音音音音音音	decimal places)
	Final household weight equivalent to
D H-HHTYPE 1 34	the weight of the wife in husband-wife
Type of household U All	households and the reference person in all other households
V 1 .Interview	III att other nousenotus
V 2 .Type A non-interview	*********
V 3 .Type B/C non-interview	* Allocation flags *
	****************
D H-MIS 1 35	
Month in sample	D HXTENURE 1 58
UALL	V 0 No change
V 1-8 .Month in sample	V 1 _Value to blank
D H-NUNPER 2 36	V 4 .Allocated
Number of persons in household	D HXFAMINC 1 59
U All	V 0 .No change
V 00 .Noninterview household	V 2 .Blank to value
V 1-39 .Number of persons in HHLD	V 6 .Refusal to value, allocated,
	V .no error
D H-TYPE 1 38	- 1184-1-49
Household type	D HXARACE 1 60
U All V 0 .Non-interview household	V 0.No change V 1.Value to blank
V 1 .Husband/wife primary family	V 4 .Allocated
V .(neither husband or wife in	* Thirty-dated
V .Armed Forces)	D H%CPSCHK 1 61
V 2 .Husband/wife primary family	V 0 .No change
V .(husband and/or wife in armed	V 2 .Blank to value
_Vforces)	
V 3 .Unmarried civilian male	D HXDAYCMP 1 62
V .primary family householder V 4 .Unmarried civilian female	V 0.No change V 2.Blank to value
V _primary family householder	* C.Didik to fatue
V 5 .Primary family household -	D HXHHNUM 1 63
V .reference person in	V 0 .No change
V .Armed Forces and unmarried	V 2 .Blank to value
V 6 .Civilian male primary	V 8 .Blank to NA - error
Vindividual	- INCOMPANY A AL
V 7 .Civilian female primary	D HXINTRY 1 64 V 0 No change
V _individual V 8 .Primary individual household -	V 0, No change V 2.Blank to value
V .reference person in Armed Forces	, atom to rated
V 9 .Group quarters	D H%LIVQRT 1 65
• 1	V 0 .No change
D H-TYPERP 1 39	V 4 Allocated
Type of reference person	V 7 .Blank to NA - no error
U H-HHTYPE=1	n HYDROTHY 1 44
V 0 .Not in universe V 1 .Civilian	D H%OCCINT 1 66 V O _No change
V 1 .Civilian V 2 .Armed Forces	V 1 .Value to blank
V 3 .Group quarters	V 4 Allocated
·	• •
D H-NUMFAM 2 40	D HXRESPNM 1 67
Number of families in HHLD	V 0 .No change
U H-HHTYPE=1	V 2.Blank to value
V 00 Not in universe	n uyceacon 1 40
V 00-39 .Number of families	D H%SEASON 1 68 V O No change
D H-HHDSEQ 2 42	V 1.Value to blank
Householder sequence number	V 4 Allocated
(reference person)	
(Will be first adult record for	D H%STATUS 1 69
group quarters)	V 0 .No change
U H-HHTYPE=1	V 1 .Value to blank
V 00 .Not in universe	V 2 Blank to value
V 01-39 _Sequence number	V 3.Value to value V 8.Blank to NA - error
	A C TREBITY TO MY - CELON

```
DATA
                                                                            SIZE BEGIN
            SIZE BEGIN
DATA
                                                                            45 _South Dakota
             1
                    70
D HXAREASN
                                                                           46 .Nebraska
47 .Kansas
           0 .No change
           1 .Value to blank
                                                                 ٧
                                                                      South Region (Region 3)
                                                                       South Atlantic Division (Div. 5)
D HXTYPEBC
           O .No change
                                                                           51 .Delaware
                                                                            52 .Maryland
           1 .Value to blank
                                                                            53 .District of Columbia
                                                                           54 .Virginia
55 .West Virginia
D HXTELHHD
             1
           0 .No change
                                                                            56 .North Carolina
           1 .Value to blank
                                                                            57 .South Carolina
           4 .Allocated
                                                                            58 .Georgia
                                                                 ٧
                                                                            59 .Florida
D HXTELAVL
                                                                      East South Central Division (Div. 6)
           0 .No change
           1 .Value to blank
                                                                            61 .Kentucky
                                                                            62 .Tennessee
           4 .Allocated
                                                                            63 .Alabama
                                                                            64 .Mississippi
D HXTELINT
                                                                      West South Central Division (Div. 7)
           0 .No change
           1 .Value to blank
                                                                            71 .Arkansas
                                                                            72 .Louisiana
           4 .Allocated
                                                                           73 .Oklahoma
                                                                           74 .Texas
D H%PRSCNT
                                                                      West Region (Region 4)
           0 .No change
           2 .Blank to value
                                                                      Mountain Division (Div. 8)
                                                                           81 .Montana
                                                                           82 .Idaho
83 .Wyoming
D HXTIMINT
           0 .No change
                                                                           84 ,Colorado
           2 .Blank to value
                                                                           85 , New Mexico
                                                                           86 _Arizona
87 _Utah
D HXTELCHT
           0 .No change
           7 .Blank to NA - no error
                                                                           88 .Nevada
                                                                      Pacific Division (Div. 9)
************
                                                                           91 .Washington
                                                                           92 .Oregon
     Master Segment Tape (M.S.T.) items
                                                                           93 .California
     for M.S.T. variables whose ranges are *
     not defined here, see geographic
                                                                           94 .Alaska
                                                                           95 .Hawaii
     appendix to this DDL.
*******
                                                                 D HG-STRN
                                                                              2
                                                                      1980 State rank
D HG-REG
              1
                    78
     Region
                                                                      (See Geographic Appendix)
           1 .Northeast
٧
                                                                              2
           2 Midwest
                                                                 D HG-FIPS
                                                                      FIPS State code
           3 .South
           4 .West
                                                                      (See Geographic Appendix)
D HG-ST60
              2
                    79
                                                                 D HG-MSAS
     1960 Census state code (first
                                                                      MSA status
                                                                            1 .In MSA, in CC
2 .In MSA, not in CC
     digit = geog. division code)
     Northeast Region (Region 1)
     New England Division (Div. 1)
                                                                            3 .Not in MSA
          11 .Maine
                                                                            4 .Not identified
          12 .New Hampshire
          13 .Vermont
          14 .Massachusetts
                                                                      MSA or PMSA FIPS code
                                                                         0000 _Not MSA/PMSA, not identified
          15 .Rhode Island
                                                                    0040-9340 .MST/PMSA code
          16 .Connecticut
     Middle Atlantic Division (Div. 2)
                                                                      (See Geographic Appendix)
          21 .New York
          22 .New Jersey
                                                                 D HG-PMSA
          23 .Pennsylvania
                                                                      PMSA rank
                                                                        00 Not a PMSA, not identified 01-12 Ranking of PMSA within its CMSA
     Midwest Region (Region 2)
     East North Central Division (Div. 3)
          31 .Ohio
                                                                      (See Geographic Appendix)
          32 . Indiana
          33 .Illinois
                                                                 D HG-MSAR
                                                                      MSA or CMSA rank
          34 .Michigan
                                                                      000 .Not an MSA, not identified 001-252 .Ranking of MSAs or CMSAs by
          35 .Wisconsin
     West North Central Division (Div. 4)
                                                                              .population
          41 .Minnesota
                                                                      (See Geographic Appendix)
          42 .Iowa
          43 .Missouri
```

44 .North Dakota

DATA	SIZE E	EGIN	DATA	A	51Z	E BEG	IN
D HG-MSSZ	2	95	D	M-AGE		_	20
MSA si				Item 1	180	- Age	
First	characte	r padding	<del>-</del>	All	~~		a days appended of DON
Second	charact	er pop. size MSA/CMSA	V	15-5	, U	AF AG	e (Age topcoded at 90)
		dentified, not an MSA		M MARITI		1 1	22
Y	2 .100,0	100 - 249,999	ע	M-MARITL			tal status
٧ :	3 .250,0	000 - 499,999	11	ALL	IOL	нагі	tat Statos
V	4 .500,0	00 - 999,999	v	ALL	1	Marrie	d – civilian spouse
		lion - 2,499,999	v			presen	
		nillion - 4,999,999 Lion - 9,999,999	v				d - Armed Forces spouse
•	-	llion or more	Ÿ			.presen	
•	O . 10 III	et for or act	٧		3.	Marrie	d - spouse absent
D HG-CHSA	2	97	٧			(exc.	separated)
		n CMSA, not identified	٧			.Widowe	
	1 .CMSA		V			Divorc	. •
(See G	eograph i	ic Appendix)	٧			Separa	
•	•		٧		•	Never	married
D H-METSTA	1	99					37
	i .Metro		D	M-SPOUSE			23 cola line pumber
		tropolitan			101	- apou	se's line number
<b>V</b>	3 .Not	identified:	V	ALL	nn	None	
	_	***	v				's line number
D H-INDVCC	. 1	100	Y	01.	•	. spouse	B title flame,
		ntral city identifier	n	M-SEX		1 1	25
(See G	eograpn	ic Appendix)	•		18G	- Sex	
D H-RECTYP	1	101	U	ALL			
	-	rviewed adult	V		1	.Male	
		A noninterview	Ţ		2	.Female	•
		B/C noninterview					
		Forces record	D	PADDING		1 1	26
٧	5 .Child	drens record					
			D	A-HGA			27
D H-ID	12	102			181	- Fanc	ational attainment
Unique	househo	old identifer	_	ALL	00	None	
			V			.None	han 1st grade
		************************************	V				nd, 3rd, or 4th grade
* Edited A	irmed to	rce's Control Card Items *	v				6th grade
******			v				8th grade
D M-LINENO	2	114	V	•	35	.9th gr	ade
		ne number	V		36	.10th g	ırade
U ALL			٧			.11th g	
	.Line n	umber	V		38	.12th g	rade-no diploma
			V				school graduate-diploma,
D M-RRP	2	116	V			.GED, €	etc.
Item 1	188 - Re	lationship to reference	y		40	.Some c	college but not degree
person	٦		v		41	.ASSOC1	iate's degree in college- ational/vocational program
U ALL	_	• • • • •	V		42	.occupa	iate's degree in college-
V	1 .Refe	remce person with other	v		42		nic program
V	.rela	tives in household	Ÿ		43		lor's degree in college-BA,
V		rence person with no other tives in household	v				3, etc.
V	reta. 3 .Husb		v		44	.Master	r's degree-MA, MS, MBA,
Ÿ	4 .Wife		V			. etc.	
v	5 .Own		٧		45		ssional school degree-MD,
Ÿ	6 .Pare		٧	l		.DDS, I	OVM, etc.
V		her/sister	٧		46	.Docto	rate degree PhD, EdD, etc.
Y	8 .Othe	r relative of reference	_	D4DD 1110			120
٧	.pers		D	PADDING		1 '	129
¥	9 .Nonr	elative of reference		M-RACE		1 '	130
V.		on with own relatives	υ	** ***	18	l   - Race	
Y		ousehold	11	ALL	100	, Kee	-
•		elative of reference	· V		1	.White	
V		on-no own relatives in	v			.Black	
٧	.nous	ehold	v		3	.Amer	Indian, Aleut Eskimo
D M.DAREHT	2	118	v		4	.Asian	or Pacific Islander
D M-PARENT		rent's line number	v			.Other	
U ALL	:UU - PE	Helif & Fille Helipe,					
V 00 None	e		D	PADDING		63	131
v 01-3	39 .Pare	ent's line number					

DATA SIZE BEGIN	DATA	SIZE BEGIN
<b>南南南南南南南南南南南南南南南南南南南南南</b> 南南南南南南南南南南南南南南南	v	3 .Child
* Armed Forces - Recodes *	V	4 .Other relative (primary family and
· 查查查查的自身的的的自身会会会会会会会会会会会会会会会会会会会会会会会会会会会会	V	.unrelated subfamily only)
D M-REORGN 2 194	D M-PFNOC	CD 1 276
Item 18K - Origin		per of own Children < 18 in primary
U All V 1 .Mexican American	, famî UALL	ily
V 1 .Mexican American V 2 .Chicano	U ALL V	O .Not in primary family
V 3 .Mexican (Mexicano)	v	1 .No children
V 4 .Puerto Rican	V	2 _1 child
V 5.Cuben V 6.Central or South American	V	3 ,2 children 4 ,3 children
V 7 .Other Spanish	v	5 .4 children
V 8 All other	Ÿ	6.5 children
V 9 .Don't know V 10 .NA	y.	7.6 children
V 10 .NA	V V	8 .7 children 9 .8+ children
D M-EXPRRP 2 196	•	, po. diffedicif
Expanded relationship code	D M-PFPRC	0 2 277
V 1 .Reference person with relatives	U ALL V	0 .Not in primary family
V 2 .Reference person without	v	1 No children < 18 years old
V .relatives	Ÿ	2 .All children 0-2 years old
V 3 . Husband	<b>V</b> .	3 .All children 3-5 years old
V 4 .Wife V 5 .Natural/adopted child	V	4 .All children 6-13 years old 5 .All children 14-17 years old
V 6.Step child	v	6 .Children 0-2 and 3-5
V 7 Grandchild	V	.(none 6-17)
V 8 .Parent V 9 .Brother/sister	V	7 .Children 0-2 and 6-13
V 9 .Brother/sister V 10 .Other relative	V V	.(none 3-5 or 14-17) 8 .Children 0-2 and 14-17
V 11 .Foster child	v	.(none 3-13)
V 12 .Nonrelative with relatives	V	9 .Children 3-5 and 6-13
V 13 .Partner/roommate  V 14 .Nonrelative without relatives	V	.(none 0-2 or 14-17) 10 .Children 3-5 and 14-17
2 4 14 'WORRESTIAC MICHOR LECETIACS	v	(none 0-2 or 6-13)
D PADDING 50 198	Ÿ	11 .Children 6-13 and 14-17
**********	V	(none 0-5)
* Armed Forces - Weights *	V V	12 .Children 0-2, 3-5 and 6-13 .(none 14-17)
<b>有有有有有有有有有的的,但是是是是是是是是是是是是是是是是是是是是是是是是是是是</b>	Ÿ	13 .Children 0-2, 3-5 and 14-17
2 4 FW 107 0 0/0 D	¥	(none 6-13)
D M-FNLWGT 8 248 2 Armed Forces - S Final Weight	V V	14 .Children 0-2, 6-13 and 14-17 .(none 3-5)
(2 Implied Decimal Places)	v	15 .Children 3-5, 6-13 and 14-17
UALL	V	(none 0-2)
D PADDING 16 256	٧	16 .Children from all age groups
D PADDING 16 256	D M-PFREL	1 279
**********		ary family relationship
* Family recodes *	UALL	
	V V	0 .Not in primary family 1 .Husband
D M-FAMNUM 2 272	v	2 .Wife
Family number	V	3 .Own child
U All V 00 .Not a family member	V V	4 .Other relative 5 .Unmarried reference person
V 01 Primary family member only	•	5 Johnson red reference person
V 02-19 Subfamily member	D M-PFSIZE	
D M-FAMTYP 1 274		of primary family
D M-FAMTYP 1 274 Family type	U ALL V	00 .Not in primary family
UALL		-39 Number individuals
V 1 Primary family	V	.(A-FAMTYP = 1 or 3)
V 2 .Primary individual V 3 .Related subfamily	D M-PFHHAC	G 1 282
V 4.Unrelated subfamily		of primary family householder
V 5 .Secondary individual	U All	
D. N. PANDEL . A. STE	V	0 Not a family member
D M-FAMREL 1 275 Family relationship	v v	1 .< 25 years old 2 .25-44 years old
U All	v	3 .45-54 years old
V 0 .Not a family member	v	4 .55-64 years old
V 1 .Reference person	V	5 .65+ years old
V 2 .Spouse		

DATA	SIZE BEGIN	DATA SIZE BEGIN
D M-LFESM	1 283	D M-PFNOEM 1 292
	r force and earner status	Mumber of employed in primary
(male	e) of husband of primary	femily 16+
famil	ly or male householder	V -1 .Not in universe
UALL		V 0.No one employed
V	O .Not in primary family/no male	V 1-8 .1-8 employed
V	1 .Employed earner	V 9.9+ employed
V	2 -Self-employed	•
٧	3 -Without pay	D M-PFNOUN 1 293
V	4 .Unemployed	Number of unemployed in primary
V	5 .Not in labor force	family 16+
V	6 -Armed Forces	U ALL
		V -1 _Not in universe (not in
D M-LFESF		V .primary family)
	r force and earner status (female)	V 0 No unemployed
	ife of primary family or female	V 1-8.1-8 unemployed
	eholder .	V 9 _9+ unemployed
UALL		
V	O .Not in primary family/no female	D H-FAMWGT 8 294 2
Y.	1 - Employed earner	Family weight - Two implied decimal
V	2 .Self-employed	places
Ä	3 . Without pay	U ALL
V	4 -Unemployed	N A PARTING A SAS A
V	5 .Not in labor force 6 .Armed Forces	D M-FMEWGT B 302 2
V	o .Armed Porces	family earnings weight
n Maner	1 795	(2 implied decimal places)
D M-PFWS	1 285	***********
	ary family earners wage and salary us (16+)	* Allocation Flags
UALL	15 (10+)	
	-1 .Not in primary family	
v	0 .Not in primary family	D M%LINENO 1 310
v	1 .No one employed	Line number allocation flag
v	2 .Some employed - no wage	V 0 .No change
Ÿ	and salary workers	V 2 .Blank to value
. Ÿ	3 .With wage and salary workers,	V 3 .Value to value
v	.husband/wife or reference person	3 170100 10 10100
Ÿ	.self-employed	D MXRRP 1 311
V	4 .With wage and salary workers,	Relationship to reference
Ÿ	.husband/wife or reference	person allocation flag
٧	.person not self-employed, other	V 0 .No change
٧	.household member self-employed	V 2 .Blank to value
٧	5 .With wage and salary workers	V 3 .Value to value
٧	.only	V 5 .Value to value - no error
D M-PFFTPT		D MXPARENT 1 312
Usual	full-time/part-time status of	Parent's line number allocation flag
	ary family earners (16+)	V 0 .No change
U H-MIS=4		V 2.Blank to value
	-1 _Not in universe (MIS 1,2,3,5,6,7)	V 3 Value to value
V	0 Not in primary family	V 5 .Value to value - no error
V	1 .No earners	n MWACE 4 747
V V	2 .All earners full time 3 .Some full time, some part time	D MZAGE 1 313 Age allocation flag
•		•
V V	4 .All earners part time 5 .Not in universe	V 0 .No change V 2 .Blank to value
٧	3 .Not in universe	V 4 Allocated
D M-PFEARN	1 4 287	4 4 "Withordien
	weekly family earnings	D MXMARITL 1 314
	members 16+)	Marital status allocation flag
U H-MIS=4		V 0 No change
	-1 .Not in primary family or	V 2 Blank to value
v	.not in universe	V 3 .Value to value
V 0000-99	799 Usual weekly family earnings	V 4 .Allocated
		V 5 .Value to value - no error
D M-PFNOER	t 1 291	
	er of earners in primary family 16+	D M%SPOUSE 1 315
UALL		Spouse's line number allocation flag
	-1 .Not in universe (not in	V 0 .No change
٧	.primary family)	V 2 .Blank to value
V	0 .No earners	V 3 .Value to value
V 1	1-8 .1-8 earners	V 5 .Value to value - no error
٧	9 .9+ earners	

DATA SIZE BEGIN	DATA SIZE BEGIN
D M%SEX 1 316 Sex allocation flag V 0 .No change V 2 .Blank to value V 3 .Value to value	D M%RACE 1 320 Race allocation flag V 0 .No change V 2 .Blank to value V 4 .Allocated
v 4 .Allocated	D MXORIGIN 1 321
D PADDING 1 317	Origin allocation flag V 0.No change
D MXHGA 1 318 Highest grade attended allocation flag	y 2 .Blank to value y 5 .Value to value - no error y 8 .Blank to N/A code
V 0.No change V 4.Allocated	D PADDING 39 322
D M%HGC 1 319 Highest grade completed allocation flag	. g PADDING 37 322
V 0.No change V 2.Blank to value	

#### **ATTACHMENT 9**

## Current Population Survey October 1993 Adult Supplement Record Layout

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S29	Character*001 Check item - School enrollment status (transcribe from 26A) -1 = Blank 1 = Yes 2 = No 3 = Blank	(0361:0361)	All persons age 15+
A-\$30	Character*001 Is attending or enrolled in regular school?  1 = Yes 2 = No	(0362:0362)	All persons age 15+
A-S31	Character*001 Is enrolled in public or private school? -1 = Out of universe 1 = Public 2 = Private	(0363:0363)	A-S30 = 1
A-S32	Character*002 What grade or year is attending? -1 = Out of universe 01-08 = Elementary 09-12 = High school 13-18 = College	(0364:0365)	A-S30 = 1
A-S33	Character*001 Is attending college full-time or part-time? -1 = Out of universe 1 = Full-time 2 = Part-time	(0366:0366)	A-S32 = 13-18
A-S34	Character*001 Is this a two-year college or a four-year college or university? -1 = Out of universe 1 = 2-year college 2 = 4- year college	(0367:0367)	A-S32 = 13-18

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S35	Character*001 Excluding (regular college courses and) on the job training is taking any business, vocational, technical, secretarial trade or correspondence course:  -1 = Out of universe  1 = Yes 2 = No	,	A-S30 = 2 or A-S32 = 13-18
A-S36	Character*001 Was attending or enrolled in a regular school or college in October 1992, that is, Octobe of last year?  1 = Yes 2 = No	(0369:0369)	All persons age 15+
A-S37	Character*002 What grade or year was atten last year? -1 = Out of universe 01-08 = Elementary 09-12 = High school 13-18 = College 99 = No Response	(0370:0371) ding	A-S36 = 1
A-S38	Character*001 Check item - Entry of 1-12 in ite 1 = Entry of 1-12 in Item 32 2 = All Others	(0372:0372) em 32	All persons age 15+
A-\$39	Character*001 Check Item - Age -1 = Out of universe 1 = Age 15-29 2 = Age 30+	(0373:0373)	A-S38 = 2
A-S40	Character*001 Check Item - Educational Attai -1 = Out of universe 1 = College Graduate 2 = High School Graduate 3 = Not a High School Graduate		A-S39 = 1
A-S41	Character*001 In what calendar year did las attend regular school? -1 = Out of universe 1 = 1993 2 = 1992 or before 3 = Never attended	(0375:0375) t	A-S40 = 3

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S42	Character*001 In what calendar year did rechis/her most recent degree? -1 = Out of universe 1 = 1993 2 = 1992 or before	(0376:0376) œive .	<b>A-S</b> 40 = 1
A-S43	Character*001 In what calendar year did corhigh school?  -1 = Out of universe 1 = 1993 2 = 1992 or before 9 = No response	(0377:0377) mplete	A-S40 = 1  or  2
A-S44	Character*001 Did complete high school by an equivalency test, such as the -1 = Out of universe 1 = Yes 2 = No 9 = No response		A-S40 = 1  or  2
A-S45	Character*001 Is there a computer in this hous $1 = Yes$ $2 = No$	(0379:0379) sehold?	All persons age 15+
A-\$46	Character*001 How many computers are there household? -1 = Out of universe 1 = 1 2 = 2 3 = 3 or more 9 = No response	(0380:0380) e in this	A-S45 = 1
A-S47	Character*001 In what year was the (newest) computer purchased?  -1 = Out of universe  1 = 1993  2 = 1992  3 = 1991  4 = 1990  5 = 1989  6 = 1988  7 = Before 1998  8 = Don't know  9 = No response	(0381:0381)	A-S45 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S48A	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Floppy disk drive 9 = No response	(0382:0382)	A-S45 = 1
A-S48B	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Hard disk drive 9 = No response	(0383:0383)	A-S45 = 1
A-S48C	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Optical disk drive 9 = No response	(0384:0384)	<b>A-S45</b> = 1
A-S48D	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Dot matrix printer 9 = No response	(0385:0385)	A-S45 = 1
A-S48E	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Laser printer 9 = No response	(0386:0386)	A-S45 = 1
A-S48F	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Plotter 9 = No response	(0387:0387)	A-S45 = 1
A-S48G	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Scanner 9 = No response	(0388:0388)	A-S45 = 1
A-S48H	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Color monitor 9 = No response	(0389:0389)	A-S45 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S48I	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Joystick control 9 = No response	(0390:0390)	A-S45 = 1
A-S48J	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Mouse control 9 = No response	(0391:0391)	A-S45 = 1
A-S48K	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Fax card 9 = No response	(0392:0392)	A-S45 = 1
A-S48L	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Telephone modem 9 = No response	(0393:0393)	A-S45 = 1
A-S48M	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Other 9 = No response	(0394:0394)	<b>A-S45</b> = 1
A-S48N	Character*001 Which of the following does the (newest) computer have? -1 = Out of universe 1 = Don't know 9 = No response	(0395:0395)	A-S45 = 1
A-S49	Character*001 Does directly use a computer a -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0396:0396) tt home?	A-S45 = 1
A-S50A	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Analysis 9 = No response	(0397:0397)	A-S49 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S50B	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Bookkeeping 9 = No response	(0398:0398)	A-S49 = 1
A-S50C	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Bulletin Boards 9 = No response	(0399:0399)	A-S49 = 1
A-S50D	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Calendar/scheduling 9 = No response	(0400:0400)	A-S49 = 1
A-S50E	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Communications 9 = No response	(0401:0401)	A-S49 = 1
A-S50F	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Connect to computer at 9 = No response	(0402:0402) t work	<b>A-S49</b> = 1
A-S50G	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Computer Assisted Des 9 = No response	(0403:0403) sign	A-S49 = 1
A-S50H	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Databases 9 = No response	(0404:0404)	A-S49 = 1
A-S50I	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Desktop publishing/ne 9 = No response		A-S49 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S50J	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Educational programs 9 = No response	(0406:0406)	A-S49 = 1
A-S50K	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Electronic mail 9 = No response	(0407:0407)	A-S49 = 1
A-S50L	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Games 9 = No response	(0408:0408)	A-S49 = 1
A-S50M	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Graphics 9 = No response	(0409:0409)	A-S49 = 1
A-S50N	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Home based business 9 = No response	(0410:0410)	A-S49 = 1
A-S50O	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Household records/final 9 = No response	(0411:0411) nce	A-S49 = 1
A-S50P	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Learning to use the com 9 = No response	(0412:0412) puter	A-S49 = 1
A-S50Q	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Programming 9 = No response	(0413:0413)	A-S49 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S50R	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Sales 9 = No response	(0414:0414)	A-S49 = 1
A-S50S	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = School assignments 9 = No response	(0415:0415)	A-S49 = 1
A-S50T	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Spread sheets 9 = No response	(0416:0416)	A-S49 = 1
A-S50U	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Telemarketing 9 = No response	(0417:0417)	A-S49 = 1
A-S50V	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Word processing 9 = No response	(0418:0418)	A-S49 = 1
A-S50W	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Work at home 9 = No response	(0419:0419)	<b>A-S49</b> = 1
A-S50X	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Other 9 = No response	(0420:0420)	A-S49 = 1
A-S50Y	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Don't know 9 = No response	(0421:0421)	A-S49 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S51	Character*002 During the last month, on avera how many days per week did use the computer at home? -1 = Out of universe 1 = 7 days 2 = 6 days 3 = 5 days 4 = 4 days 5 = 3 days 6 = 2 days 7 = 1 day 8 = Less than once a week 9 = Not used in last month 10 = Don't know 99 = No response		A-S49 = 1
A-S52	Character*001 Check item 1 = Entry or N/A in Item 20 2 = All others	(0424:0424) 0A or 21 B	All persons age 15+
A-S53	Character*001 Does directly use a computer -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0425:0425) r at work?	A-S52 = 1
A-S54A	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Analysis 9 = No response	(0426:0426)	A-S53 = 1
A-S54B	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Bookkeeping 9 = No response	(0427:0427)	A-S53 = 1
A-S54C	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Bulletin Boards 9 = No response	(0428:0428)	A-S53 = 1
A-S54D	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Calendar/scheduling 9 = No response	(0429:0429)	A-S53 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S54E	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Communications 9 = No response	(0430:0430)	A-S53 = 1
A-S54F	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Computer Assisted Des 9 = No response	(0431:0431) sign	A-S53 = 1
A-S54G	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Databases 9 = No response	(0432:0432)	A-S53 = 1
A-S54H	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Desktop publishing/new 9 = No response	(0433:0433) wsletters	A-S53 = 1
A-S54I	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Educational programs 9 = No response	(0434:0434)	A-S53 = 1
A-S54J	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Electronic mail 9 = No response	(0435:0435)	A-S53 = 1
A-S54K	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Games 9 = No response	(0436:0436)	A-S53 = 1
A-S54L	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Graphics 9 = No response	(0437:0437)	A-S53 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S54M	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Inventory control 9 = No response	(0438:0438)	A-S53 = 1
A-S54N	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Invoicing 9 = No response	(0439:0439)	A-S53 = 1
A-S54O	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Learning to use the com 9 = No response	(0440:0440) nputer	A-S53 = 1
A-S54P	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Programming 9 = No response	(0441:0441)	A-S53 = 1
A-S54Q	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Sales 9 = No response	(0442:0442)	A-S53 = 1
A-S54R	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Spread sheets 9 = No response	(0443:0443)	A-S53 = 1
A-S54S	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Telemarketing 9 = No response	(0444:0444)	A-S53 = 1
A-S54T	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Word processing 9 = No response	(0445:0445)	A-S53 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
A-S54U	Character*001 At work, what does use the computer for? -1 = Out of universe 1 = Other 9 = No response	(0446:0446)	A-S53 = 1
A-S54V	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Don't know 9 = No response	(0447:0447)	A-S53 = 1
A-S55	Character*001 Check item 1 = Entry of "Yes" in item 30 2 = All others	(0448:0448)	All persons age 15+
A-S56	Character*001 Does directly use a computer school? -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0449:0449) at	A-S55 = 1
^ A-S57	Character*001 How frequently does use the at school?  -1 = Out of universe 1 = Every day 2 = Several days a week 3 = Once a week 4 = Less than once a week 5 = Don't know 9 = No response	(0450:0450) computer	A-S56 = 1
A-S58	Character*001 Check Item - Who reported for 1 = Self 2 = Parent 3 = Spouse 4 = Other relative 5 = Non relative 9 = No response	(0451:0451) this person?	All persons age 15+

## ADULT'S SUPPLEMENT ALLOCATED ITEMS

DATA	DESCRIPTION	BEGIN:END
A%S30	Character*001 Is attending or enrolled in regular school? 0 = Not allocated 1 = Allocated	(0452:0452)
A%S31	Character*001 Is enrolled in public or private school? 0 = Not allocated 1 = Allocated	(0453:0453)
A%S32	Character*001 What grade or year is attending? 0 = Not allocated 1 = Allocated	(0454:0454)
. A%S33	Character*001 Is attending college full-time or part-time? 0 = Not allocated 1 = Allocated	(0455:0455)
A%S34	Character*001 Is this a two-year college or a four-year college or university? 0 = Not allocated 1 = Allocated	(0456:0456)
A%35	Character*001 Excluding (regular college courses and) on the job training, is taking any business, vocational, technical, secretarial, trade or correspondence courses?  0 = Not allocated 1 = Allocated	(0457:0457)
A%36	Character*001 Was attending or enrolled in a regular school or college in October 1990, that is, October of last year? 0 = Not allocated 1 = Allocated	(0458:0458)

		•	
DATA	DESCRIPTION	BEGIN:END	
A%41	Character*001 In what calendar year did last attend regular school? 0 = Not allocated 1 = Allocated	(0459:0459)	
A%42	Character*001 In what calendar year did receive his/her most recent degree? 0 = Not allocated 1 = Allocated	(0460:0460)	
A%43	Character*001 In what calendar year did complete high school? 0 = Not allocated 1 = Allocated	(0461:0461)	
A%45	Character*001 Is there a computer in this household? $0 = \text{Not allocated}$ $1 = \text{Allocated}$	(0462:0462)	
-	ADULT FINAL SU	JPPLEMENT WEIGHT	
A-SUPW	GT Character*009 Adult final supplement weight (2 implied decimal places)	(0463:0471)	** Age = 16+
Padding	Character*037	(0472:0508)	

<sup>\*\*</sup>NOTE: For producing weighted tallies of individuals less than 16 years old, use A-FNLWGT.

## Current Population Survey October 1993 Children's Supplement Record Layout

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
PADDING	Character*360	(0361:0471)	
C-S59	Character*001 Check Item-Age 1 = 0 to 2 2 = 3 to 14	(0472:0472)	All persons less than 15 years old
C-S60	Character*001 Is attending or enrolled in school? -1 = Out of universe 1 = Yes 2 = No	(0473:0473)	A-S59 = 2
C-S61	Character*001 Is enrolled in a public or private school? -1 = Out of universe 1 = Public 2 = Private	(0474:0474)	A-S60 = 1
C-S62	Character*002 What grade or year is attending? -1 = Out of universe 1 = Nursery - full-day 2 = Nursery - part-day 3 = Kindergarten - full-day 4 = Kindergarten - part-day 5-12 = Elementary - 1st to 8th 13-16 = High school - 9th to 1	(0475:0476) n grades 12th grades	A-S60 = 1
C-S63	Character*001 Check item: -1 = Out of universe 1 = Entry of "Yes" in Item 60 2 = All others	(0477:0477)	A-S59 = 2
C-S64	Character*001 Does directly use a computer at school?  -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0478:0478)	A-S6 3 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
C-S65	Character*001 How frequently does use the computer at school? -1 = Out of universe 1 = Every day 2 = Several days a week 3 = Once a week 4 = Less than once a week 5 = Don't know 9 = No response	(0479:0479)	A-S6 4 = 1
C-S66	Character*001 Check item - Entry in Adults Item 45 is: -1 = Out of universe 1 = Yes 2 = All others	(0480:0480)	A-S59 = 2
C-S67	Character*001 Does directly use a computer at home? -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0481:0481)	A-S66 = 1
C-S68A	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Bulletin boards 9 = No response	(0482:0482)	A-S67 = 1
C-S68B	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Educational programs 9 = No response	(0483:0483)	A-S671
C-\$68C	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Electronic mail 9 = No response	(0484:0484)	A-S67 = 1
C-S68D	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Games 9 = No response	(0485:0485)	A-S67 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
C-S68E	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Graphics 9 = No response	(0486:0486)	A-S67 = 1
C-S68F	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Learning to use the computer of the comput	(0487:0487) omputer	<b>A-S</b> 67 = 1
C-S68G	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Programming 9 = No response	(0488:0488)	A-S67 = 1
С-S68Н	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = School assignments 9 = No response	(0489:0489)	A-S67 = 1
C-S68I	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Spread sheets 9 = No response	(0490:0490)	A-S67 = 1
C-S68J	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Word processing 9 = No response	(0491:0491)	A-S67 = 1
C-S68K	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Other 9 = No response	(0492:0492)	A-S67 = 1
C-S68L	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Don't know 9 = No response	(0493:0493)	A-S67 = 1

DATA	DESCRIPTION	BEGIN:END	UNIVERSE
C-S69	Character*002 During the last month, on average, how many days per week did use the computer at home?  -1 = Out of universe  1 = 7 days 2 = 6 days 3 = 5 days 4 = 4 days 5 = 3 days 6 = 2 days 7 = 1 day 8 = Less than once a week 9 = Not used in last month 10 = Don't know 99 = No response	(0494:0495)	A-S67 = 1
C-\$70	Character*001 Was attending or enrolled in regular school in October 1992, that is, October of last year? -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0496:0496)	A-S59 = 2
	CHILDREN'S SUPPLE	MENT ALLOCATED ITEMS	S
C%\$60	Character*001 Is attending or enrolled in school? 0 = Not allocated 1 = Allocated	(0497:0497)	
C%S61	Character*001 Is enrolled in a public or private school? 0 = Not allocated 1 = Allocated	(0498:0498)	
C%S62	Character*001 What grade or year is attending? 0 = Not allocated 1 = Allocated	(0499:0499)	
PADDING	Character*009	(0500:0508)	

## Current Population Survey Selected Unweighted Tallies From the October 1993 Supplement

DATA	DESCRIPTION	TALLIES
A-S30	Is attending or enrolled in regular school?  1 = Yes 2 = No	13,960 96,405
A-S31	Is enrolled in public or private school?  -1 = Out of universe  1 = Public 2 = Private	96,405 11,822 2,138
A-S33	Is attending college full-time or part-time? -1 = Out of universe 1 = Full-time 2 = Part-time	102,696 5,028 2,641
A-S34	Is this a two-year college or a four-year college or university?  -1 = Out of universe  1 = 2-year college 2 = 4- year college	102,696 2,180 5,489
A-S42	In what calander year did receive his/her most recent degree?  -1 = Out of universe  1 = 1993  2 = 1992 or before	105,109 745 4,511
A-S44	Did complete high school by means of an equivalency test, such as the GED?  -1 = Out of universe  1 = Yes  2 = No  9 = No response	90,523 992 16,397 2,453
A-\$45	Is there a computer in this household?  1 = Yes 2 = No	28,758 81,607
A-S46	How many computers are there in this household?  -1 = Out of universe  1 = 1  2 = 2  3 = 3 or more  9 = No response	81,607 22,313 4,032 1,176 1,237

DATA	DESCRIPTION	TALLIES
A-S47	In what year was the (newest) computer purchased?  -1 = Out of universe  1 = 1993  2 = 1992  3 = 1991  4 = 1990  5 = 1989  6 = 1988  7 = Before 1998  8 = Don't know  9 = No response	81,607 5,322 5,645 4,281 3,150 2,273 1,789 3,942 1.263 1,093
A-S49	Does directly use a computer at home?  -1 = Out of universe  1 = Yes  2 = No  9 = No response	81,607 18,200 9,286 1,272
A-S53	Does directly use a computer at work?  -1 = Out of universe  1 = Yes  2 = No  9 = No response	43,292 28,373 34,822 3,878
A-S56	Does directly use a computer at school?  -1 = Out of universe  1 = Yes  2 = No  9 = No response	96,405 7,342 5,372 1,246
C-S60	Isattending or enrolled in school?  -1 = Out of universe  1 = Yes 2 = No	6,502 23,228 3,034
C-S61	Isenrolled in a public or private school?  -1 = Out of universe  1 = Public 2 = Private	9,536 20,030 3,198

### Current Population Survey Questionnaire Facsimile, October 1993

CHECK ITEM	FORM CPS-1 US DEPARTMENT OF COMMERCE	<del></del>		
- Check Hear	FORM CPS-1  U.S. DEPARTMENT OF COMMERC Bureau of the Censu	E CONTROL NUMBER		
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Survey

OCTOBER 1992

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Part 18A. LINE NO. 0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 2 9 9 59. CH	IBB. RELATIONSHIP TO REF. PERS.  Nat./Ad Child 05 □ Step Child 06 □ Grandchild 07 □ Other rel 10 □ Foster Child 11 □ Non-relWITH OWN RELS. 12 □ Non-relWITH OWN RELS. 14 □  ECK IYEM Age in 18J is: 0 to 2 □ (Go to next 3 to 14 □ (Ask 60)  attending or enrolled in Yes □ (Ask 61) No □ (Skip to 66) enrolled in a public or 1 reliable 0   (Include partar for ask part-day.)  The color of the color o	11 O 12 C 1 IBC. PAR'S ILINE NO. O C 2 3 3 4 5 5 6 C 1 I I I I I I I I I I I I I I I I I I	Less to Don't LEAD-IN: AGE S S S CHECK Enlipt in item Alt of the Computers personal computers are school as S S S S S S S S S S S S S S S S S S	SECOND CHILD  ISG1. SEX Male 1 Fernale 2  IBI. RACE White 1 Black 2 Amer Ind. Aleut, Eskimo 3 Asian or Pac Isl. C Other. 5  UTEM of Yes' net of que 's direct or hands is. These computers, to the computers, or mainframe con constions do not refer so or games, electror systems which dor-like teyboard. directly use a co Yes' (Ask C No ISkip) requently does	Lead-in, and in order	Yes   No   No   No   No   No   No   No   N	18A LINE NO. O I I I I I I I I I I I I I I I I I I	If more than 2 AF pa  18B. RELATIONS REFERENCE Ref. Person With ref in Hihld Ref Person with NO ref in Hihld Ref Person with No ref in Hihld Husband. Wife Natural/Adopted I Step Child Grandchild Parent Brother/Sister Other Ref af Ref P WiTH OWN ref Partner/Roomma Non-ref. of Ref P than partner/roo with NO OWN r  18G1. SEX  FS D.  Male 1 Fernate ?	### ATTAINMEN    1	IBC. PAR'S LINE NO.	18L R Vivite Black Amerindian Alevite	Married spous preser Married spous absent (Exclusive Separation Never married spous separation Never married separation s	ARITAL ATUS J - e e nt i - e e de e de e de caraced) ed d AU ORIG
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OCTOBER 1993 U.S. DEPARTI	MENT OF COMMERCE Bureau of the Census	1. CHECK ITEM  Only CPS-1 for household	2.	3. CONT	ROL NUMBER		
Current Populatio	n Survey		ribe Items			 	
FORM CPS-1		Third, lourth, etc. CPS-1	om first		i i	ì	1
YEAR	4. TYPE OF LIVING QUARTER			6. PSU N	O. 7. SEGMENT NO.	8. SERIAL 9.	HOUSE- HOLD
	HOUSING UN	IT OTHER UNIT	<del>-</del> -				NO.
10. FIELD REPRESENTATIVE CODE  A B C D E F G H J X L M	House, apartment, flat .	1 C Quarters not HU in					
000000000000	HU in nontransient hotel, n	notel, etc 2 C i rooming or boarding to	ouse 8 O		]		
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0123456755		in transieni noiei, mote	il. etc. 9 ()	555		2 2	S
11. DAY COMPLETED	HU in rooming house		. 10 0	3 3 3	1 1	3 3	3
S M T W TH F S After	Mobile home or trailer	1	. 10 0	4 4 4	4444	4 4	4
OOOOOOOOO		in college desmitory	11 0		1 1		
12. LINE NO. OF H'HOLD RESP.	Mobile home or trailer with	one 1	1	5 5 5	5555	5.5	5
123456 +	or more permanent roon	1	below) 12 O	666	6666	6.6	6
		escribe below) 7 🔘 🕆		777		77	7
Non-H'hid resp. (Specify) O (Send Inter Con Interviewed				888	· I	8 B 9 B	ē
Households On	<sup>147</sup>				""		Go 10 10)
13. TYPE INTERVIEW		No.		<u> </u>			
13. TYPE INTERVIEW	TYPE A	NONINTER TYPE B			00.000		
Noninterview O		·	TYPE C (Send Inter	Commi		NAL STATUS	
Personal O Tel. – regular O	14. (Mark reason and race)	15.	, , , , , , , , , , , , , , , , , , , ,	1	16. This unit is inte	anded for occup	pancy:
Tel. – regular O Tel. – celiback O	REASON I RACE	Vacant - regular	Demolished	'	Year round	O IFALH	rVS if
ICR filled O	No	Vacant – storage of hinkd furniture	l House or trailer moved C	.	<b>5</b>		
	No one home O	Temp acc by persons with URE C	I		By migratory work	) bek	litem 17 ow if HU
	Temporarily   White . 1	. ■	Cutside segment C	·   <b>-</b>	Seasonally	O ] m #	tern 4)
13A. CHECK ITEM	absent O [White ]	Unfit or to be demolished	Converted to permanent business or storage	.	17. This unit is inte		
Telephone Hold	Refused O Black 2	Under construction, not ready	Marged C	1 1	i). Ous plut is late	anded for occup	рвпсу:
(Fill circle for office	Therosed	Converted to temp, business or storage.	I Condemned	1 1	Summers only	11110	anscribe
- 'telephone hold' cases only)	Other - Occ. O All other 3	Occ. by Armed Force	1	l l	Winters only		instructed back of
0	(Describe	I "8-1"	<sup>l</sup> Built after April 1, 1980 — C I		Other (Describe be	I Cov	ntrol Card)
	1	Unoccupied tent site or trailer site	Unused line of listing	1 (	/	)	
<b>_</b>	! .	construction not started C	sheelC	'	/		
_	\ , -	Other (Specify below)	Other (Describe below). C	1	1		
	<del>-</del>	<del>-</del>	<u></u>		. <b></b>		,
			1	1			i
	<del></del>	<u> </u>	<del></del>		<del></del>		!
TRANSCRIPTION ITEMS  Fill for interviewed households only, (If continuation CPS)	Edia manual ask till as heet COS. La	NOTES:	-				
	-1 3 required, daily fill of first Cr 3-1 et						
27A. TENURE (Transcribe from C.C. Item 10)							
Owned or being bought 1							
Rented 2		-					
No cash rent	F					· <b>-</b>	
278. HOUSEHOLD STATUS CHANGE	1						ĺ
is this a replacement household this month?							
Yes O							
No O							
	_						
28. TOTAL FAMILY INCOME							
(Transcribe from C.C. Item 29)							
010 060 110	[						
02 0 07 0 12 0							
03 0 08 0 13 0 04 0 09 0 14 0							
05 0 10 0 29 0	L						
	·[		<b></b>		CODER NUMBER		
_	1						
			<b></b>		ABCDEF	GHJKL	М
REMINDER	1				00000	00000	С
Fill Items 18A-18J on pages 2, 5, 7, 9, and 11.					012345	6 = 5 3	i
	F			1			

					<del></del>
18. LINE NUMBER	20. Did do any work at all	21. (II J in 19. skip to 21A )	22. (II LK in 19, skip to 22A.)	24, CHECK ITEM:	
	LAST WEEK, not counting	Did have a job or	Has been looking for work 🦯	(Rotation number)	25. CHECK ITEM.
ļ	work around the house?	business from which he/she	during the past 4 weeks?	First digit of SEGMENT number is:	(Rotation number)
19, What was doing most	(Note If farm or business	was temporarily absent or	— Yes O No O (Go to 24)	O 1, 2, 3, 5, 6 or 7 (Skip to 26)	First digit of SEGMENT
of LAST WEEK -	operator in hh., ask about	on layoff LAST WEEK?	1 1es 0 140 0 1db 1b 2 11	O 4 or 8 (Go to 24A)	number is:
(Working	unpaid work.)		22A. What has , been doing in the las	1	
Keeping house	Yes O No O (Ga to 21)	Yes O No O (Go to 22)	4 weeks to find work? (Mark all	24A. When did last work for pay at a	1, 2, 3, 5, 6 or 7 (Skip to 26)
Going to school	res ⊕ No ⊕ 198 (0 21)	<i>Y</i> — — — —	methods used; do not read list.)	regular job or business, either full-or	O 4 or 8 (Go to 254)
or something else?	16	21A. Why was absent from	Checked pub employ, egency C	part-time?	<del>:</del>
100	1 61 11 7	work LAST WEEK?	with - pvt employ agency C	Maria	25A. How many hours
Working (Skip to 20A) WK O			employer directly O	Within past 12 months O	per week does , O O
With a job but not at work . J. O.		Own iliness O	friends or relatives O		USUALLY L 1 work at this job? 2
Loaking for work LK C	, ,		Placed or answered ads . O	- ap 100 post rgs	
Keeping house H O	208. CHECK ITEM 5 6	On vacation O	Nothing (Skip to 24) U	3 up to 4 years ago	3 3
Going to school S O	1 2 2		Other (Specify in notes, e.g.,	4 up to 5 years ago	4 4
Unable to work (Skip to 24)U O	6 6	Bad weather O	JTPA, union or prof.	5 or more years ago . O } (Skip to	5 5
Retired	49+ O (Skip to ? 7 Item 23) a a	ļ	register, etc.) O	Never worked O J 24C/	6 6
Other (Specify) OT O	1	Labor dispute O	GGD dash sing second backing	24B, Why did leave that job?	<b>■</b> 7 7
1	1-34 O (Go to 9 9 9 20C)		22B. At the time , started looking for work, was it because he/she	· ·	- : :
	l ' ———	New job to begin (Skip to	lost or quit a job or was there	Personal, family find, pregnancy) or school O	9 9
	35-48 O (Go to 200)	wrthin 30 days O 228 and	some other reason?		25B. Is paid by the hour
	and Did to the state of	22C2) Temporary layoff	Lost job	Health O	on this job?
	20D. Did lose any time or	(Under 30 days) O	• Quit job	Retirement or old age	i .
	take any time off LAST	l ' l	Left school		Yes () (Go to 25C)
j	WEEK for any reason	Indefinite layoff (Skip	Wanted temporary work O	Seasonal job completed O	No O (Skip to 25D)
	such as illness, holiday	GIU days or more 22C3)	l ' '	Slack work or business conditions O	and Harris Dallas Cont
20C. Does USUALLY work 35	or sleck work?	or no det. recall	<ul> <li>Change in home or family responsibilities</li> </ul>		25C. How much Dollars Cents
hours or more a week at this job?	Yes C How many hours	date)	l ' '	Temporary nonseasonal job completed O	does oo oo earn
	tes C How many nours did take off? 2	Other (Specify)	l '	Unsatisfactory work	per hour? 1 1 1 1
Yes O What is the reason	1	*	Other (Specify in notes)	prrangements (Hours,pay, etc.)	55 55
worked less than	j		22C. 1) How many weeks a A	Other	3 3 3 3 3
35 hours LAST WEEK?	(Correct 20A if lost time	21B. Is receiving wages	1	245 Burn was a sample left Book	4444
	not stready deducted,	or salary from his/her		24C. Does want a regular job now, either full-or part-time?	55 55
No O What is the reason	if 20A reduced below 35.	employer for any of the	_ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		*   `  66 66
USUALLY works	correct 20B and fill 20C)	time off LAST WEEK?	3 3 2) How many weeks ago 4 4	Yes O (Go to 240)	<del>                                    </del>
less than 35 hours	CO-001, 200 BAG 18, 200,	I THE OF CAST TYCER	l ea	Maybe – it depends Q   100 10 240/ (Specify in notes)	88 8 5
a week?		Yes O		I NA . O 1	9999
06-4-4	№ ° <del> /</del>		" "	Don't know O Skip to 24E)	
[Mark the appropriate reason]	30E Did work town supplies	No O	子子 3) How many weeks ago 真真		(Ask 250) REF O
Slack work	20E. Did work any overtime	[		24D, What are the reasons is not	25D. How much does
l •	or at more than one job	240.00	waslaideff? 99	looking for work?	1 DELLEVO
Material shortage O	LAST WEEK?	21C. Does usually work		(Mark <u>each</u> reason mentioned)	USUALLY O O O O
Material shortage O	LAST WEEK?	35 hours or more a week	22D, Has been looking for full-time	(Mark <u>each</u> reason mentioned)  • Believes no <u>work</u>	USUALLY 0000
l •		35 hours or more a week at this job?	22D. Has been looking for full-time or part-time work?	(Mark <u>each</u> reason mentioned)  Believes no work evailable in line of work or erea O	BORNETA 0000
Material shortage O	LAST WEEK? Yes C How many extra	35 hours or more a week at this job?	22D, Has been looking for full-time	(Mark gach reason mentioned)  Believes no work available in line of work or area  Couldn't find any work	USUALLY 0000 earn per week 1111 at this job 222 BEFORE 333
Meterial shortage	LAST WEEK? Yes C How many extra	35 hours or more a week at this job? Yes: O	22D. Has been looking for full-time or part-time work?	(Mark each reason mentioned)  Believes no work evaluable in line of work or area  Couldn't find any work  Backs nec, schooling.	USUALLY 0 0 0 0 0 0 earn per week 1 1 1 1 1 et this job 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4
Meterial shortage	LAST WEEK? Yes C How many extra	35 hours or more a week at this job?	220. Has been looking for full-time or part-time work?  Full O Part C	(Mark each reason mentioned)  Beleves no work evaluable in line of work or area  Couldn't find any work training, skills or experience  O	USUALLY 0 0 0 0 earn per week 1 1 1 1 st this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 Include any 5 5 5
Meterial shortage	LAST WEEK?  Yes C How many extra hours did work?	35 hours or more a week at this job? Yes: O	22D. Has been looking for full-time or part-time work?  Full O Part C  22E. Could have laken a job LAST WEEK if one had been offered?	(Mark each reason mentioned)  Believes no work evailable in line of work or erea O  Couldn't find any work O  Lacks nec. schooling, training, skills or experience O  Employers	USUALLY © © © © © earn per week
Meterial shortage	LAST WEEK?  Yes C How many extra hours did work!  (Correct 20A and 20B as	35 hours or more a week at this job? Yes O No O	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why not?	(Mark each reason mentioned)  Believes no work evisitoble in line of work or erea O  Couldn't find any work training, skills or experience O  Employers think too young or too old O	USUALLY 0 0 0 0 earn per week 1 1 1 1 1 at this job 2 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 Include any 5 5 5 overtime pay, commissions, 6 6 6 6 commissions, or tips squally
Meterial shortage	Yes C How many extra hours did work!  (Correct 20A and 20B as necessary if extra hours	35 hours or more a week at this job?  Yes: O  No: O  (Skip to 23 and enter job	220. Has been looking for full-time or part-time work? Full O Part C  22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not? Already has a job O	(Mark each reason mentioned)  Believes no work evailable in line of work or erea O  Couldn't find any work O  Lacks nec. schooling, training, skills or experience O  Employers	USUALLY 0 0 0 0 earn per week 1 1 1 1 1 at this job 2 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 Include any 5 5 5 5 commissions, or tips usually 7 7 7 7 or tips usually 7 8 8
Meterial shortage	Ves C How many extra hours did work for the hours did work for the hours and 208 as necessary if extra hours not already included and skip to 23.)	35 hours or more a week at this job? Yes O No O	22D. Has been looking for full-time or part-time work?  Full O Part C  22E. Could have taken a job LAST  WEEK if one had been offered?  Yes O No O Why net?  Already has a job O  Temporary illness O	(Mark each reason mentioned)  Beleves no work evaliable in line of work or erea O  Couldn't find any work training, skills or experience O  Employers think too young or too old O  Other pers, handicap in finding job	USUALLY © © © © © © © earn per week
Meterial shortage	LAST WEEK?  Yes C How many extra hours did work?  (Correct 20A and 20B as necessary if extra hours not already included and	35 hours or more a week at this job?  Yes: O  No: O  (Skip to 23 and enter job	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why net?  Already has a job O  Temporary illness O  Going to school O	Mark each reason mentioned	USUALLY 0 0 0 0 earn per week 1 1 1 1 1 at this job 2 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 Include any 5 5 5 5 commissions, or tips usually 7 7 7 7 or tips usually 7 8 8
Meterial shortage	Ves C How many extra hours did work for the hours did work for the hours and 208 as necessary if extra hours not already included and skip to 23.)	35 hours or more a week at this job?  Yes: O  No: O  (Skip to 23 and enter job	22D. Has been looking for full-time or part-time work?  Full O Part C  22E. Could have taken a job LAST  WEEK if one had been offered?  Yes O No O Why net?  Already has a job O  Temporary illness O	(Mark each reason mentioned)  Beleves no work evaliable in line of work or erea O  Couldn't find any work training, skills or experience O  Employers think too young or too old O  Other pers, handicap in finding job	USUALLY 0 0 0 0 0 earn per week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Meterial shortage	Yes C How many extra hours did work!  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23)  No C	35 hours or more a week at this job?  Yes: O  No: O  (Skip to 23 and enter job	22D. Has been looking for full-time or part-time work? Full O Part C  22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why net? Already has a job O Temporary illness O Going to school O Other (Specify in notes)	Mark each reason mentioned	USUALLY © © © © earn per week 1 1 1 1 1 2 1 and this job 2 2 2 2 2 2 and this job 2 3 3 3 deductions? 4 4 4 Include any 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Material shortage	LAST WEEK?  Yes C How many extra hours did work?  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)  No C (Skip to 23)  O INDUSTRY	35 hours or more a week at this job?  Yes: C  No: C  (Skip to 23 and enter job held last week)  OCCUPATION	22D. Has been looking for full-time or part-time work? Full O Part C  22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not? Already has a job O Temporary illness O Going to school O Other (Specify in notes) O  22F. When did last work at a full-time job or business lastling	(Mark each reason mentioned)  Beleves no work evaluable in line of work or erea  Couldn't find any work training, skills or experience  Employers think too young or too old  Other pers handicap in finding job  Can't arrange child care  Family responsibilities  In school or other training  O	USUALLY © © © © earn per week 1 1 1 1 1 at this job 2 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 finclude any overtime pay, commissions, or tips usually received. 9 9 9 E REF © 25E. On this job, is a member of a labor union or of an
Meterial shortage	LAST WEEK?  Yes C How many extra hours did work!  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F O O	35 hours or more a week at this job?  Yes O No O  (Skip to 23 and enter job held last week)  OCCUPATION  O O	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why not?  Already has a job O Going to school O Other (Specify in notes) O  22F. When did last work at a full-time job or business lastling 2 consecutive weeks or more?	Mark each reason mentioned	USUALLY 0 0 0 0 earn per week 1 1 1 1 at this job 2 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 5 Include any 5 5 5 commissions, 6 6 6 6 commissions, 7 7 7 7 received. 9 9 9  S  S  S  S  S  S  S  S  S  S  S  S  S
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Material shortage	LAST WEEK?  Yes C How many extra hours did work?  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F 0 0 0 1 1 1 1 C 2 2 E 3 3 3 3 U 4 4 S 5 5 E 6 0 7 7 7 N 8 8 L 9 9 9 Y Ref. O Unc. O ESS	35 hours or more a week at this job?  Yes: O  No: O  (Skip to 23 and enter job held last week)  OCCUPATION  OO  1 1 1 2 2 2 3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9  Ref. O  Unc: O	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why net?  Already has a job	(Mark each reason mentioned)  Beleves no work evaliable in line of work or erea  Couldn't find any work  Backs nec schooling, training, skills or experience  Employers think too young or too old  Other pers handicap in finding job  Can't arrange child care  Family responsibilities  In school or other training  Whealth, physical disability  Other (Specify in notes)  On't know  Other family responsibilities  It depends (Specify in notes)  No  Other (Specify in notes)  Off entry in 248, describe job in 22, otherwise, skip to 26)	USUALLY 0 0 0 0 earn per week 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 Include any 5 5 5 overtime pay, 6 6 6 commissions, 7 7 7 received. 9 8 8 8  SEE. On this job, is a membe of a labor union or of an emplayee association simila to a union? Yes 0   Skip to 26) No 0   Ast 25F)  25F. On this job, is covered by a union or employee essociation contract? Yes 0   (Go to 26)  23F. CHECK ITEM:
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Material shortage	Correct 20A and 20B as necessary if entir hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F 0 0 0 1 1 1 1 C 2 2 2 E 3 3 3 3 U 4 4 S 5 5 E 6 0 0 7 7 N 8 8 L 9 9 Y Ref. O Unc. O ESS	35 hours or more a week at this job?  Yes: O  No: O  ISkip to 23 and enter job held last week!  OCCUPATION  0: O  1: 1: 1  2: 2: 2  3: 3: 3: 3  4: 4: 4  5: 5: 5  6: 6: 6  7: 7: 7  8: 8: 9  9: 9  Ref.: O  Unc: O  or other employer.)	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why not?  Already has a job O Temporary illness O Going to school O Other (Specify in notes) O Other (Specify) O (Month) O Other (Specify) O (Month) O Other (Specify) O (Month) O Other (Specify)	Mark each reason mentioned	USUALLY 0 0 0 0 0 earn per week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Material shortage	Correct 20A and 20B as necessary if entir hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F 0 0 0 1 1 1 1 C 2 2 2 E 3 3 3 3 U 4 4 S 5 5 E 6 0 0 7 7 N 8 8 L 9 9 Y Ref. O Unc. O ESS	35 hours or more a week at this job?  Yes: O  No: O  ISkip to 23 and enter job held last week!  OCCUPATION  0: O  1: 1: 1  2: 2: 2  3: 3: 3: 3  4: 4: 4  5: 5: 5  6: 6: 6  7: 7: 7  8: 8: 9  9: 9  Ref.: O  Unc: O  or other employer.)	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why net?  Already has a job	Mark each reason mentioned	USUALLY O O O O earn per week 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 Include any 5 5 5 commissions, 6 6 6 6 commissions, 7 7 7 7 commissions, 9 9 9 Earn per week 9 9 9  S REF O  25E. On this job, is a member of a labor union or of an employee association similar to a union?  Yes O (Skip to 26) No O (Ast 25F)  25F. On this job, is covered by a union or employee association contract?  Yes O (Skip to 26) No O (Ast 25F)  25F. On this job, is covered by a union or employee association contract?  Yes O (Go to 26)  23F. CHECK ITEM:
Material shortage	LAST WEEK?  Yes C How many extra hours did work!  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F 0 0 0  I I I I C 2 2 2  E 3 3 3 3  U 4 4  S 5 5  E 6 0  7 7  N 8 8  L 9 9 9  Y Ref. 0  Unc. 0  ESS  of company, business, organization  ry is this? (For example: IV and radial and red)  (For example: electrical engineer, to this inch?) (For example: or during at this inch?) (For example: alloctrical engineer, to this inch?) (For example: electrical engineer, to this inch?) (For example: or during at this inch?) (For example: electrical engineer, to this inch.)	35 hours or more a week at this job?  Yes O  No O  ISkip to 23 and enter job held last week!  OCCUPATION  0 0  1 1 1 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 7 7 7 7 8 8 8 9 9 9  Ref. O  Unc O  or other employer.)  stock clerk, hypist, farmer.)	22D. Has been looking for full-time or part-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why not?  Already has a job O Temporary liness. O Going to school O Other (Specify in notes)  22F. When did last work at a full-time job or business lastling 2 consecutive weeks or more?  Within last 12 months (Specify) O (Month)  1 to 5 years ago O Never worked at all O Never worked trail-time 2 wks or more O Never worked at all O Never worked at all O Never worked at all O Never worked of the line pick either full-time price lasting 2 weeks or more, or never worked. Take the pick either full-time provided is all of the enter last full-time job lasting 2 weeks or more, or never worked. Take the pick either full-time provided at all O STATE government A STATE government A STATE government A COCAL government Sell-empl, in OWN but Is the business in	Mark each reason mentioned	USUALLY 0 0 0 0 earn per week 1 1 1 1 at this job 2 2 3 BEFORE 3 3 3 deductions? 4 4 4 Include any 5 5 5 commissions, 6 6 6 commissions, 7 7 7 received. 9 9 9  STEP 0  25E. On this job, is a member of a labor union or of an an employee association similar to a union?  Yes 0 (Skip to 26) No 0 (Ast 25F)  25F. On this job, is covered by a union or employee association contract?  Yes 0 (Go to 26)  23F. CHECK ITEM:  Entry (or NA) in item 20A 0 (Go to 25)  I Entry (or NA) is lem 21B 0 (Go to 26)
Material shortage	LAST WEEK?  Yes C How many extra hours did work!  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F 0 0 0  I I I I C 2 2 2  E 3 3 3 3  U 4 4  S 5 5  E 6 0  7 7  N 8 8  L 9 9 9  Y Ref. 0  Unc. 0  ESS  of company, business, organization  ry is this? (For example: IV and radial and red)  (For example: electrical engineer, to this inch?) (For example: or during at this inch?) (For example: alloctrical engineer, to this inch?) (For example: electrical engineer, to this inch?) (For example: or during at this inch?) (For example: electrical engineer, to this inch.)	35 hours or more a week at this job?  Yes O  No O  ISkip to 23 and enter job held last week!  OCCUPATION  0 0  1 1 1 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 7 7 7 7 8 8 8 9 9 9  Ref. O  Unc O  or other employer.)  stock clerk, hypist, farmer.)	22D. Has been looking for full-time or part-time work? Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not? Already has a job O Going to school O Other (Specify in notes)  22F. When did last work at a full-time job or business lastling 2 consecutive weeks or more? Within last 12 months (Specify) O (Month)  1 to 5 years ago O Never worked tail O Never worked 1 will-time 2 wks or more O Never worked at all O Never worked at all O Never worked to the first full-time first full-time job testing 2 weeks or more, or never worked.   23E. Was this person An employee of a PAI bus, or individual or Dept.)  A FEDERAL government A LOCAL government Sell-empl, in OWN business in own.	Mark each reason mentioned	USUALLY 0 0 0 0 0 earn per week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Material shortage	LAST WEEK?  Yes C How many extra hours did work!  (Correct 20A and 20B as necessary if extra hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F 0 0 0  I I I I C 2 2 2  E 3 3 3 3  U 4 4  S 5 5  E 6 0  7 7  N 8 8  L 9 9 9  Y Ref. 0  Unc. 0  ESS  of company, business, organization  ry is this? (For example: IV and radial and red)  (For example: electrical engineer, to this inch?) (For example: or during at this inch?) (For example: alloctrical engineer, to this inch?) (For example: electrical engineer, to this inch?) (For example: or during at this inch?) (For example: electrical engineer, to this inch.)	35 hours or more a week at this job?  Yes O  No O  ISkip to 23 and enter job held last week!  OCCUPATION  0 0  1 1 1 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 7 7 7 7 8 8 8 9 9 9  Ref. O  Unc O  or other employer.)  stock clerk, hypist, farmer.)	22D. Has been looking for full-time or part-time work? Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not? Already has a job O Going to school O Other (Specify in notes)  22F. When did last work at a full-time job or business lastling 2 consecutive weeks or more? Within last 12 months (Specify) O (Month)  1 to 5 years ago O Never worked tail O Never worked 1 will-time 2 wks or more O Never worked at all O Never worked at all O Never worked to the first full-time first full-time job testing 2 weeks or more, or never worked.   23E. Was this person An employee of a PAI bus, or individual or Dept.)  A FEDERAL government A LOCAL government Sell-empl, in OWN business in own.	Mark each reason mentioned	USUALLY 0 0 0 0 0 earn per week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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18A.	188. RELATIONSHIP TO REFERENCE PERSO!	ı	18C.	180.	18E. MARITAL STAT	US	18F.	18G1. SEX			T	<del>;                                    </del>
LINE	Ref Person WiTH ret in Hibld .	<b>01</b> 3	PAR'S	AGE			SPOUSE'S	Male	1 3		1	L-2
NO.	Ref Person with NO tel in Hitld	D2 C	LINE NO.	-	Marrieti –		LINE NUMBER	Female	· 2/7/	18H, EDUCATIONAL ATTAINMENT	18! RACE	18J. ORIGIN
	Husband.	. <b>0</b> 3 C	NO.	_	spouse present l	iFil.	NUMBER	<del></del>	—— <i>' "</i> — {		White I	0 0
00	Wile	D4 C	0.0	2	present t	18F)	€ -2	18G2. VETERA		Ō	Black 2	1 1
1 1	Natura/Adopted Child	05 🗆	1 1	1 ;	Marned -		1 1	Veteran	'フ [	1	Cidux 2	5 5
5.5	Step Child.	06 J	5.3	3 3	spause spause	1	2 L		•	8	Amer Indian,	3 3
3 3	Grandchild	07 0	3.3	1 1	(Exclude Secarated)		3.3		am Era 📜	3 3	Aleut, Eskirno 3	4
5	Parent	06 Z 09 Z	4		Secarated)	l	4		an War ⊇	4 4	Asian or	5
6	Other Rel. of Ref. person	10 0	5	5 t	Widewed 3	iS <sub>n</sub> : tc	1 -		d War If 3	5	Pacific Isl 4	6
] ~	Foster Child	11 0	7	3 3	Divorced 4	160	E '		d'Warl ∸	6	ł	7
ۋ				1 5	Separated 5			Nonvei	r Service E eran E	7 8	Other 5	8
9	Non-ret of Ref. Person WITH OWN ref in Hihkf	. 12	Š		Neve:		9	110.1721	ciali 5	9		9
1	Pariner/Roommate	_	None		married 6	ļ			1	-		
	Non-ret of Ref. Person tother than partner/ roommate) with NO OWN ref. in Hibid		0									1
	L TOO TEMBLE F WILLIAM OF OVER 181 HI 1919	14 0							i	_		
26. CHE	CK ITEM: scribe from Control Card Item 18)			ge or a 4-	year college or	LEAD	I-IN: This ne	xI set of question	ns has to do with .	's 51. During the last m		
1	s person is	universit	y? college (cor			direct	t or hands o	n use of comput	ers. These compute ters, mini compute	ers per week did	use the computer at ho	me?
16	S-24 years of age O /Ask 2640	or ju	nick college	Turnitarity	0	or ma	ainframe co	nouters. These o	vestions do not re	fer 7 days . , .	. O 1 day	0
A)	others O (Skip to 26C)		college or u		0	to ha	nd-held calc	ulators or game:	s, electronic video	6 days		
<del>ر</del>	Manager of the Edit Approprie	35. NOTE: F	or persons s	proffed to a	college 121-26 in	kevb		na which do not	use 6 typewriter-lik	e 5 days	. O once a we	ek O
20A.  //	"Schoof in 19, Verify) LAST WEEK is attending or enrolled in a high		read the par			ASK.	ITEMS 45, 4	5, 47, and 48 ONG	CE OF FIRST	4 days		ì
≉c	hool, college, or university? lark 'Yes' if currently on holiday or	Excludin	g (regular o	ollege co	urses and) on the job	RESP	CONDENT IN	HOUSEHOLD, TO	RANSCRIBE DIRECT AND BEGIN WITH			- 1
se.	asonal vecation. Mark 'No' for				iness, vocational,	ITEM	49.	I TIZO OF DEFITE	ACIO DEBRI VYITH	2 days ,	O Don't know	0
30	mmer vacation).			il, trade or	correspondence	45, Is	there a cor	nputer in this ho	usehold?	52. CHECK ITEM		
'	Yes O (Yenfy) No O (Single)	contaes;	Yes (	n No	0			Yes C (Ask	<b>16</b> 1	Entry or N/A in		
! .	High school O					ļ		No C (Skip		item 20A or iter	п 21В () (Ask 53)	
} ,	College or Univ. O				in a regular school	L				All others	O (Skip to 5	55)
268 -	enrolled in school as a full-time	Last year		er 1992, th	at is, October of		low many co ousehold?	imputers are the	re in this	53. Does directly	use a compuler at work	c?
	part-time student?	201 725	Yes (	) (Ask 3	7)	l "		=			•	
'	Full-time ()		No 6	S iSinp ti	o 38)	1		5			es O (Ask 54) No O (Skip to 55)	
	Part-time O (Fif 26C)	37. What pra	de or year	was A	ttending last year?	1		more C		<u> </u>		
1ec (1)	ECK ITEM: Who responded to the	1		mentary		<u> </u>					es use the compute	
	or force items for this person?	Ì	1 2 3				n what year urchased?	was the inewest	) computer	(SHUW FLASHCA	ARD B. MARK ALL THAT	APPLY
}	_		0000			۲	wichaseu:			Analysis	Q Games	0
	Self O		000		, ,		1993			Bookkeeping	O Graphics	C
-	0ther 0 } —		High	School		j	1992 (			Bulletin boards		ntroi O
	Self/Other O J y		9 10	11 12		ł		Before 19		Calendar/scheduli		0
6 F hallon	ACK TIS LIBOR FORCE OF COTOMS	1	0 0	C 0		i	1990	Don't kno	w C	Communications	Cearming to c	
	DER: ASK THE LABOR FORCE QUESTIONS  L HOUSEHOLD MEMBERS BEFORE ASKING		_			48, V	hich of the	fallowing items	does the (newest)	Computer-Assiste Design (CAD)		
	PPLEMENT QUESTIONS.		_	Nege			omputer ha		-	Databases		
	SUPPLEMENT QUESTIONS		22 23			f.i	READ LIST -	MARK ALL THAT	APPLY)	Desktop publishin		
Form Ap	proved O.M.B. No. 0607-0464; Expires 12-31-93	] '		္ ၁၁	· -	j 1	Fioppy disk o	irve C Cok	or monitor O	newsletters		
29. CHE	CKITEM	38. CHECK I				]	Hard disk dra	ve, C Joy	stick control O	Educational	Word proces	sing O
Scho	noi enrollment status (Transcribe from 26A)	l En	ny of "1-12" nitem 32	. C (5k	ip to 451		Optical disk o		use control O	programs		0
ł	Yes O ]		others				Dot matrix p		card 0	Electronic mail .	O Don't know	0
	No O (Venty 30)					4	Laser printer		ephone mocem 🔘	<u> </u>		
1	Blank O (Ask 30)	39. CHECK I	ĭEM7 e 15 - 29 .	~ (5)	( 40)	1			er O	55. CHECK ITEM		_
30 H	. attending or enrolled in regular school?		e 30+ , , ,		ıp ro 45)		Scanner .	C Dor	1't know O		tem 30 . (Ask 56)	_
						49. C	oes dire	ctly use a compi	uter at home?	All others	O (Skip to :	58/
1	Yes () (Ask 31) No () (Skip to 35)	40. CHECK I				1		Yes C Usk	50/	F. D		<u></u>
		Colleg	e Graduate in CC item :	lentry of	© (Skip to 42)			No C (Skip	10 52)		ruse a computer at scho	MUIT
31. ls	_enrolled in public or private school?	)	ichool Gradu		J 10-10 10 121	50. A	It home. wh	at does use 1	he computer for?	1	es O (Ask 57)	
	Public O		40 in CC ite		(Skip to 43)				ALL THAT APPLY)		No O (Skip to 58)	j
ŀ	Private O	Not H	gh School (	repuste ,	C (Ask 41)		vialysis .	- ,	Graphics (	ET How francisch	done we the	
32, Wh	R grade or year is attending?	41. In what	alendar ve	ar did	last attend	1.	viatysis Jookkeeping	-		57. How frequently i	does : use the compu	for ar
DE. 41/4		regular		D. UIU . , ,	,go, one.co		lulletin board		Home-based (		o	
1	Elementary 1 2 3 4 5 6 7 8 7		93	្ ា			alendar/		Household	Several days a w		
ŀ	00000000		92 or before		(Skip to 45)		scheduling	🗆	records/financei (	Once a week	0	
1		Ne	ver attende	d ⊊ ]		, c	ornmunica(«	ons 🖺 📋	Learning to use	Less than once a		
1	High School Skip to 36/	42. In what	calendar ve	er did	receive his/her	1 4	connect to		the computer (		o	
1	9 10 11 12		eni degree				computer a		Programming (		-35	
l	0000	19	93	. 5		۱ ۹	Omputer-As:		Sales . (	58. Who reported for	r this person?	
		19	92 or before			-	Design (CA) Latabases		School assignments , (	Self , , ,		
	College	43, in what	calendar ve	ar did	complete	1	esktop publi		assignments , C Spread sheets , C	Pareni		
	11 22 23 24 25 26	high sch				Ι'	newsletters		Telemarketing (	Spouse		
	0 0 0 0 0	19	93	c	_	E	ducational	1	Word processing (	Other relative .		
	ntry in 268, SIOP TO item 34, OTHERWISE, item 33l		92 or before	2		١ Ì			Work at home	- 1		
$\overline{}$	attending college full-time or part-time?	44, Did	omplete hi	igh school	by means of an		lectronic ma		Other . 3	. 1		
l			ncy test, so			1 0	ames	:	Don't knov. (		on 15+ years of age in th	
1	Full-time ○ Part-time ○		Yes		. 0					go to page 2 and cor any children 0-14 yea	nplete items 59-70 as app its old	incapie, for
L	rangine U		res	_ 100	· ~			_				

18. LINE NUMBER	20. Did do any work at all	21. (II J in 19, skip to 21A.)	22. (If the in 19, ship to 22A)	24. CHECK ITEM:	; 1
	LAST WEEK, not counting	Did have a job or	Has been looking for work	(Rotation number)	25. CHECK ITEM:
	work around the house?	business from which he/she	during the past 4 weeks?	First digit of SEGMENT number is:	
			,		(Rotalion number)
19. What was doing most	(Note: If farm or business	was lemporarily absent or	ies ⇒ No ⊜ (Go to 24)	⊕ 1, 2, 3, 5, 6 or 7 (Skip to 26)	First digit of SEGMENT
of LAST WEEK -	operator in hh., ask about	on layoff LAST WEEK?	<i>r</i>	○ 4 or 8 (Go to 24A)	number is:
(Warking	unpaid work )	<b>≠</b>	22A. What has been doing in the last		
Keeping house	V 0 N- 0 15- 16- 211	Yes C No C (Go to 22)	4 weeks to find work? (Mark all	24A. When did last work for pay at a	O 1, 2, 3, 5, 6 or 7 (5kip to 26)
Going to school	Yes O No O (Go to 21)	<b>/</b>	methods used, do not read list !	regular job or business, either full-or	○ 4 or 8 (Go to 25A)
or something else?		21A Why was absent from	Checked pub employ agency C	part-time?	<i>_</i>
	20A. How many hours 👵 💍	work LAST WEEK?	with - pvt. employ agency O		25A. How many hours
Working (Skip to 20A) . WK C	didwark 1 1		p	Within past 12 months 🕒 🕽 🔣	per week does 🤄 🛇
With a job but not at work . J =	LAST WEEK 22	Own liness	an project and a	tup to 2 years ago □	USUALLY I 1
	at all jobs? ვვ	· .	Inends or relatives O	2 up to 3 years ago C ∑(Go to 248)	work at this job? 2 3
		<b>.</b>	Placed or answered ads . O	3 up to 4 years ago . C	3 3
Keeping house H 🖺	20B. CHECK ITEM 5.5	On vacation .	Nothing (Skip to 24) O		
Going to school	" "		Other (Specify in nates, e.g.,		I I I
Unable to work /Skip to 24) , U C	66	Bad weather C	JTPA, union ar prot.	5 or more years ago . C \ (Skip to	5.5
Retired F C	49+ O (Skip to   7-7		register, etc.) O	Never worked O J 24C)	6 6
Other (Specify) OT C	Item 231   ⊖ ⊝	Labor dispute C			<b>■</b> 7 7
Omortopas, Ittilian	1-34 O (Go to 9 9		22B. At the time started looking	24B. Why did , leave that job?	<b>=</b> 9 9
`	20C)		for work, was it because he/she	Personal, family	99
		New job to begin (Skip to	lost or quit a job or was there	find, pregnancy) or school . O	1 1
1	35-48 O (Go to 20 <u>0</u> )	within 30 days 3 22B and	some other reason?		258, Is paid by the hour
<b>†</b>	<del></del>	ZZCZ)	• Lost job	Health O	on this job?
	20D. Did lose any time or	Temporary layoff		Retirement or old soe	011 011 0001
<b>.</b>	take any time off LAST	(Under 30 days) O		Retirement or old age	Yes O (Ga ta 25C)
ì	WEEK for any reason	Indefense Investig	Left school	Seasonal job completed O	No O (Skip to 250)
l	such as illness, holiday	(30 de layan	<ul> <li>Wanted temporary work,</li> </ul>		
	or slack work?	I30 days or more   22C3)   or no def. recall	<ul> <li>Change in home</li> </ul>	Stack work or business conditions O	25C. How much Dollars Cents
20C, Doss USUALLY work 35		date)	or lamily responsibilities ()	l	المداما
hours or more a week at this job?	You O Ma	1	Left military service O	Temporary nonseasonal job completed O	AATO O O O O
1	Yes _Q How many hours did , take off?	Other (Specify)	•	Unsatisfactory work	per hour?
Yes O What is the reason	Ga, take bill 3	X	Other (Specify in notes)  O	arrangements (Hours, pay, etc.)	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
worked less than	1		enc. dill.	Other	3 3 3 3 3
35 hours LAST WEEK?			22C. 1) How many weeks O G		4444
33 110913 12431 1722107	(Correct 20A if lost time	21B. Is receiving wages	hasbeen looking 1 1	24C. Does want a regular job now,	55 55
	not already deducted;	or salary from his/her	forwork? 2.2	l either full-or part-time?	
No O What is the reason	il 20A reduced below 35,	employer for any of the	3 3	Yes	1 1 1 1
U\$UALLY works	correct 20B and (iii 20C)	time off LAST WEEK?	2) How many weeks ago 🚊 4	Maybe – it depends O (Go to 240)	
less than 35 hours		· ·	didstant looking 5 5	(Specify in notes)	_ 88 88
a week?	1	Yes C	for work? 3.6	No O } (Skip to 24E)	9995
(Mark the appropriate reason)	No C -Z	1	7 7	Don't know O J ISKP to 2407	Mark 360) REF C
(mana are appropriate reason)	20E Did ward pay avertime	No 3		DATE Miller and the manage in soil	(Ask 25D) REF C
Slack work	20E. Did work any overtime	Į.	1	24D. What are the reasons is not looking for work?	250. How much does
) WINCE THURS,	or at more than one job		waslaidoff/ gg		
1 _			1		HSHALLY
Material shortage	LAST WEEK?	21C. Does usually work		(Mark <u>each</u> reason mentioned)	USUALLY 0000
1		35 hours or more a week	22D. Has been looking for full-time	(Mark each reason mentioned)  Believes no work	eam per week 1 1 1 1
Material shortage	Yes C How many extra	35 hours or more a week	22D. Has been looking for full-time or pan-time work?	(Mark each reason mentioned)  • Believes no work  available in line of work or area	eam per week 1 1 1 1 1 et this job
Plant or machine repair		35 hours or more a week at this job?	22D. Has been looking for full-time	(Mark each reason mentioned)  Behaves no work available in line of work or area  Couldn't find any work	eam per week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Plant or machine repair	Yes C How many extra	35 hours or more a week	22D. Has been looking for full-time or part-time work?  Full O Part O	(Mark each reason mentioned)  • Beleves to work available in line of work or area  • Couldn't find any work • Lacks neg, schooling,	eam per week 1 1 1 1 1 et this job 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 4
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Plant or machine repair C  New job started during week C  Job terminated during week C  Could find only part-time work C  Holiday (Legal or religious) C  Bad weather C  Own illness C  On vacation C  Too busy with housework, school, personal bus, etc C  Did not want full-time work C  Full-time work week	Yes C How many extra hours did work:  ICorrect 20A and 20B as necessary if extre hours not already included and skip to 23)  No C (Skip to 23)  O INDUSTRY  F	35 hours or more a week at this job?  Yes C No C  ISkip to 23 and enter job held last week!  CCCUPATION  CCCUPATIO	22D. Has been looking for full-time or pan-time work?  Full O Part O  22E. Could have taken a job LAST WEEK if one had been offered?  Yes O No O Why not?  Already has a job O Temporary liness O Going to school O Other (Specify in notes) C  22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more?  Within last 12 months (Specify) O More than 5 years ago O More than 5 years ago O Never worked tull-time 2 wks or more O Never worked at all O (SKIP to 23. If layoff entered in 21A, enter job, either full- or part-time, from which laid off. Esse ettire 1st full-time	(Mark each resson mentioned)  Beteves no work available in line of work or area Couldn't find any work Couldn't find find find find find Couldn't find find find find find Couldn't find find find find find Couldn't find find find find Couldn't find find find find find find find find	eam per week 1 1 1 1 1 et this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 4 local properties of a leader union or of an employee association similar to a union?  25E. On this job, is a member of a leader union or of an employee association similar to a union?  Yes 0 (Skip to 26) No 0 (Ask 25F)  25F. On this job, is covered by a union or employee association contract?
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5	Brother/Sister	09 🔘	5	5.5		(Skip	5	W	/orld War II 3	Į	5	Asian or	5
6	Other Rel of Ref person.	. 10 O	6	6 6	Widowed 3	\$ 10	6		Vorld Wai I 4	}	G	Pacific Isl	፡ ነ - ፤ ነ
7	Foster Child	11. 0	7	7.7	D.vorced 4	[18G1)			ther Service 5		7	Other	
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l	Partner/Roommale	13 O	None			,		_	_			,	
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1	loominate with 10 Control in A Inc., , ,		İ		_			_	_	-			
26. CHE	CK ITEM:	34. Is this n	2-year colle	GE OF A 4-	rear college or	LEAD	IN: This ne	d set of ques	tions has to do with .	's 51 Du	ting the last of	onth, on average, ho	-L
	scribe from Control Card Item 18)	universit		g	on contract of	direct	or hands or	n use of comi	pulers. These comput			use the computer at	
Ì πhi	s derson is		college (cor	mounity		may t	e personal	or home com	puters, mini comput	ent.	Week DIU	use the compater at	nomer
18	i-24 years of age () (Ask 26A)	or ju	mior college	1.,	0	or ma	inframe cor	nputers. Thes	se questions do not n	fer	7 days	O 1 day	. 0
AII.	others O ISkip to 25Q		college or u		0	to har	nd-held calc	ulators or gar	mes, alectronic video		6 days		•
ŧ								ıs which do n	ot use a typewriter-li	ie	5 days		week C
26A. (#	School in 19, Verity) LAST WEEK	35. NOTE: F	or persons e	nrolled in a	college (21-26 in	keybo							- 1
W	s attending or enrolled in a high	item 32)	read the par	enthetical	ohrase.	ASK I	TEMS 45, 46	47, and 48 C	DNCE OF FIRST	_	4 days	and the second second	
BC C	rool, college, or university?	Excludin	a fregular c	ollena cou	rses and) on the job	RESP	ONDENT IN	HOUSEHOLD	TRANSCRIEE DIREC	72. የ	3 days .	., C 1851 moi	nh.o
F07	ark "Yes" if currently on holiday or esonal vacation. Mark "No" for				ness, vocational,	ITEM	49	RESPUNDEN	ITS AND BEGIN WITH		2 days	O Don't kno	w,.O
	Timer vecation).				correspondence					<del></del>			
	•	courses		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		45. IS	there a corr	puter in this	household?	[ 52. CH	ECK ITEM		_ '
1 '	Yes O (Merity) No O (Status to 260)	1	Yes (	n No	0	1		Yes O A	sk 461	En	try or N/A in		<b>■</b>
Ι.,	figh school O		193		<u> </u>	_						n 218 . 🔘 🖊 Ask 5	3)
1	) Ast 268	36. Was	attending o	r anrolled	in a regular school	7		No O (S	CID 10 52)	Ail	others , ,	(5kip t	o 55/
'	Coffege or Univ. O J	or colleg	e in Octobe	r 1992, th	t is, October of	46. H	DW ITMEN CO	mputers are	lhere in this				
26B. is	enrolled in school as a full-time	last year	7		•		ousehold?			53. Da	es directiy	use a computer at w	ork?
	part-time student?		Yes (	) IAsk 3	"	1		0		- ! _		es (Ask 54)	
' '	Full-time O		No C	) (Skip to	38)	l							
Į.	> 0=# 29# 2					4		o		, –	. ,	Na 🔾 (Skip to 55)	1
!	Part-time O	37. What gre	ode or year	W89 #1	tending lest year?		3 or i	more O		54 At	work what do	es use the compu	enc for?
26C. CH	ECK ITEM: Who responded to the	ļ.	Eler	nentary		47 In	what water	was the (news	etti romouter			AD S MARK ALL THE	
	or force items for this person?	ľ	123		•		rchased?	Was the them	eart compoter	""	iott i ottine	THE D MANUE ALL THE	1 057-17
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30. ls	attending or enrolled in regular school?	Ao	e 30+	O (Ski	o ro 45j	<u> </u>				_		em 30 . O (Ask 5	
1						1 49. De	oesdire	ctily use a con	nputer at home?		uiners , .	(Skip t	0 58/
1	Yes () (Ask 31)	40. CHECK F	TEM			1		Yes O (4	sk 501	ı			
l	No () (Skip to 35)	Coilea	e Graduate (	entry of		1		No O (Si		56. Do	esdirectly	use a computer at so	hool <sup>7</sup>
73 1-	and the state of t		in CC item 2		O (Skip to 42)	L						ee O (4-1-52)	]
J1. 15	enrolled in public or private school?	High S	chool Gradu	uta (entre		50. At	home, who	t does us	a the computer for?	7		es O (Ask 57)	i
1	Public ()		10 in CC iten		○ (Skip to 43)				RK ALL THAT APPLY)			No C: (Skip to 58)	I
1	Private O				O (Ask 41)	Į.				. —			
<b>└</b> ─	·	L					alysis		Graphics			loes use the comp	outer at
32. Wha	t grade or year is , attending?	41. In what o	alendar ye.	erdid I	ast attend	B4	ookkeeping	, . •	Home-based	sci	hool?		1
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33. ls	. attending college full-time or part-time?	44. DIG C										- 45	
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33. ls	. attending college tull-time or part-time?  Full-time O  Part-time O				GED?	"	arries .,		DOTT KINDS	90 10 6		ipiete ilems 59-70 as a	

A STATE government employee		₩			i	<u> </u>
Description	18 LINE NUMBER	20 Did do any work at 68	21. (If J in 19 skin to 21A)	22. (If LK in 19, skip to 22A )	24, CHECK ITEM. I	
	AR FULL MOMBEN					25. CHECK ITEM:
29   Wear and			•		First digit of SEGMENT number is:	
March 1996   1.5	an littles was doing most				∩ 1.2.3.5.6 or 7 (Skip to 26)	
April   Control   Contro		· ·		F fes ∪ 140 € 166 (2.24)		
Value   Valu	1			22A. What has been doing in the last	<u> </u>	1
Control   Cont		· · · · · · · · · · · · · · · · · · ·	Yes J No O (Go ta 22)	4 weeks to find work? (Marx a."	24A. When did last work for pay at a	
Contractification   Contract		Yes O No 3 (Go to 21)	¥		regular job or business, either full-or	O 4 or 8 (Go to 25A)
Months   M		#	21A. Why was absent from	Checked pub employ agency C	pert-time?	
## Warrier (2004)   VIV.   100			work LAST WEEK?	with - pvt, employ agency - >	Market core 12 months O 3	
Month of the Prince   1	Working (Skip to 20A) WK O					per ereck does
Formation   Comparison   Comp	With a job but not at work J O		Own itness O	1 1 1		
March   1	Looking for wark LK C	ala∏jobs? ვვ			- ap 10 0 7	· ·
Concept   1.5	Keeping house		On vacation O		0 0p 10 1 /	· .
Section   Column		20B. CHECK ITEM   5 5		high mag territories		
Page 10		66	Bad weather O	JTPA, union or prof		
Description			l '	register, etc.) O	Never worked O J 24Cl	
1-34   O (2) pt   9   9   None pt 20   10   10   10   10   10   10   10		#em 23/   8 8	Labor dispute , , , O		a.E. M. E. C. Donnestadiah	
South Section   Continue   Cont	<b>A</b>	1-34 O (Go to 9 9		22B. At the time started looking		
35-48	,		New job to begin come		Personal, family	, 991
200 Det		35_48 O (Ga to 200)	- 10000 10		(inc.) pregnancy or solver	BCD. In secial burgher house
20. Did:		<del></del>	12C2)	_	Health O	
WEST Normal was allowed by the silvents. Advanced and a silvent source of most	l	20D. Did lose any time or				Off this pair
MERK for any research	[	take any time off LAST	fUnder 30 days) O		Matirement or own age	Yes () (Go to 25C)
Such as interes, holdery and address holdery a	}		(Skin		Seasonal job completed O	No O (Skip to 25D)
200   Does	i -	'	moerante ayon	■ Wanted temporary work	Į.	
266. Desc			or no det. recall		Stack work or business conditions O	
Let misser service.  Ves O What is the reason					Temporary	
What is the reason  No What is the reason  No What is the reason	hours or more a week at this job?	Yes O How many hours	1	■ Left military service □	nonseasonal job completed O	
Version Shaburs LAST WEERS are started words against the reason words against the reason words are shably described as a week?  No O What is the reason words are shably described as a week?  No O What is the reason words are shably described as a week?  No O What is the reason words are shably described as a week?  No O What is the reason words are shably described as a week?  No O What is the reason word word words are shably described as a week?  No O What is the reason word of the word words are shably described as a week?  No O What is the reason word of the word words are week as a week?  No O What is the reason word of the word words are week as a week	1	did take off? 2	Other (Specify) O	Other (Specify in notes)	Unsatisfactory work	
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15 hour LAST WEECH No O What is the research USUALATA morts USUALA				22C. 1) How many weeks 💢 🧔	Other	
not what is the remain  USUALLY worth  in the body worth  Abouth the approxime reason  Yes D How many waters ago  31 How many weeks ago  32 Commany waters ago  33 How many waters ago  34 Many many waters ago  35 How many waters ago  36 No D  37 How many waters ago  37 How many waters ago  38 No D  39 9 9 9  Abouth the approxime reason  About the strength of the strength	35 hours LAST WEEK?	(Correct 20A if lost time	218. ls receiving wages	hasbeen looking 1 1	24C. Does want a regular job now,	
members about a set means members and memb				for work?	either full-or part-time?	
East Mark as 5 hours   several 7   Adam the appropriate massive)   20   Mark and 200 as   10   Mark and 200 as	No O What is the reason				Yes O ]	
less than 35 hours   sewer?	USUALLY works		1 ' '		Maybe - it depends O	
See work   No   O   Dee   De	less than 35 hours	Later 200 Bird im 2007			(Specify in notes)	
After the appropriate massory Slade work.  O Description of the propriate during week.  Jobs terminated to too tell.  Jobs terminated took for work.  Jobs terminated to too tell.  Jobs ter	1		Yes O		No O } (Sirin to 24F)	9995
Seek very to started during week   O   LAST WEEK?   21C. Does   usually work   27C. Has   bid off?   5   5   5   5   5   5   5   5   5		No O —		- 0	Don't know O J (Skp to 212)	MALES OF REF O
Substitution of the mode of th	(Arteric the appropriate reason)	The state of the s			240 What are the energy is not	(ASK 25D)
Masterial shorage   Cast WEEK?   Coes   Justily work   Shown or more to week at this job?   Shown or more to week at thi	Stant work			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		25D. How much does
Age	SHECK WORK		510 D	1	(Mark each reason mentioned)	USUALLY agains
Petto or mechine repair — O New job standed duming week — O Modern for mechine repair — hours did work? Yes — O Modern for mechine repair — No — O Moder	Material shortage ,	LAST WEEK?		22D. Her ham looking for full-time	1	
New job started during week		No. O Hamman and a			available in line of work or area	The state of the s
No Destinated during week Destination of the processor of the proce	Plant or machine repair	hours did work	at this job?		Couldn't find any work	
Job terminated during week. O (Cornect 20A and 208 as necessary if extra noval necessary if extr	New job started thirms week O	¥		1011 0 1011 0	1	dodustions?
Sob infimitiated ording week Could find only part-time work.   Could find find only part-time work.   Could find find find only part-time work.   Could find find find only part-time work.   Could find find find find find find find fin	I	[	Tes U	22E. Could have taken a job LAST	Lacks nec. schogling,     Iraining skills or experience	Indude sev
Could find only partitime work. O precisions if exital hours and placed in the control of the co	Job terminated during week O	(Correct 204 and 208 as	No O	WEEK if one had been offered?	1	overtime nav
Holiciday & Regal or religiouss). O she'd sare week of skip to 23 and enter job held ast week)	Could find only part-time work	1 ' '			Employers     think too young or too ald	commissions 6 6 6
Aready has a gold. Under desir desiration for the received.    Skip to 23    held ast week    Temporary illess.   O   Can't arrange child cate   Can't arran	. , ,	· ·		185 0 100 11111 1011		
Labor dispute	Holiday (Legal or religious)		(5kp to 23 and enter job	Already has a job O	Other pers. handicap in finding job	received.
Soing to school.  Own thress.  O NOUSTRY OCCUPATION Or vacation.  On vacation.  O F C C C I I I I I I I I I I I I I I I I	Labor dispute	l	held ast week)	Temporary liness O	+ Cools woman shild save	9 9 9 9
Bad vesther	Lagor mapate, , , ,	No C	1	Going to school	Can Larrange gind care	HEE O
Own lithess O INDUSTRY OCCUPATION OF vacation of value in the vacation of value of value in the value in the value of value in the value of value in the value in the value of value in the value in the value of value in the	Bad weather , . ,	(Stop to 22)			Family responsibilities	
### CON vacation   ### CON vacat			000/1047/04/		4 <del></del>	25E. On this job, is a member
Consectivitive weeks or more?   Consectivitive weeks or more?   Within last 12 months (Specify)   Other Isspecify in notes)   Other Isspecif	Own mess , , ,	O INDUSTRY	OCCUPATION	22F. When did last work at a	in school or other training	
To a busy with housework, school, personal bus, etc. O School, personal bus, etc. O Dark or work of the first work. O Dark or work full-time work. O Dark or work week under 35 hours O School, personal bus, etc. O Dark now. O O Nover worked under 35 hours O School, personal bus, etc. O Dark now. O Nover worked under 35 hours. O School, personal bus, etc. O School, personal bus, etc. O Dark now. O Nover worked under 35 hours. O School, personal bus, etc. O School, personal enter bus full-bus personal enter bus, etc. O School, personal enter bus, etc. O School, personal enter bus, etc. O School, etc. O School, personal enter bus, etc. O School, etc. O	On vacation	} <u>-</u> 600	<u> </u>	2 consecutive weeks of more?	Ill health, physical disability O	employee association similar
school, personal bus, etc. O Dd not want full-time work. O Dd not want full-time work. O E 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	1					
Did not want full-time work. O E 3 2 3 2 2 2 3 3			2 2 2	1	Other (Specify in notes) O	
Full-time work week under 35 hours		E 333	3 3 3		Don't know	
Under 35 hours		4.4	÷ ÷ ÷	1 to 5 years ago		No O (Ask 25F)
Other reason (Specify)		10	<b>_</b> 555		24E. Does intend to look for work	art Aughtetak in payared
New Year Worked stall			9 8 8		1	
Skip to 23 and enter job worked   Unc.   O	X	2.3		1	Yes O	
Skip to 23 and enter job worked   Unc. O Unc. C U	1				II depends (Specify in notes) O	association contract:
Skip to 23 and enter job worked   Unc.   U				(SKIP to 23, If layoff entered in 21A,	No 0	V 0 1
Skip to 23 and enter job worked of the CO Unic. C job lasting 2 weeks or more, or at life entry in 246, describe job in 23, otherwise, skip to 26)  23. DESCRIPTION OF JOB OR BUSINESS  234. For whom did work? (Name of company, business, organization or other employer.)  235. Was this person An imployee of a PRIVATE Co., bus, or individual for wages, salary or comm. P. O. (Go to 25) A STATE government employee	1			which laid off, Else enter last full-time	Don't know	
23. DESCRIPTION OF JOB OR BUSINESS  23A. For whom did work? (Name of company, business, organization or other emoloyer.)  23B. What kind of business or industry is this? (For example: TV and radio mfg , retail shoe store, State Labor Dept.)  23B. What kind of business or industry is this? (For example: TV and radio mfg , retail shoe store, State Labor Dept.)  23C. What kind of work was doing? (For example: electrical engineer, stock cierk typist, farmer.)  23C. What kind of work was doing? (For example: electrical engineer, stock cierk typist, farmer.)  23D. What were 's most important activities or duries at this job? (For example: types, keeps account books, files, selfs cars, operates printing press, linishes concrete.)  23F. CHECK ITEM:	(Skin to 23 and enter inh worked	-		job lasting 2 weeks or more, or	(If entry in 24B, describe job in 23,	"" "
23E. Was this person  23F. CHECK ITEM:  23F. CHECK ITEM:  23F. CHECK ITEM:  23F. Was this person  An employee of a PRIVATE Co., bus, or individual for wages, salary or comm. P. O.  23F. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)  23F. Was this person  An employee of a PRIVATE Co., bus, or individual for wages, salary or comm. P. O.  A STATE government employee F. O.  A STATE government employee S. O.  23F. Has this person  A FEDERAL government employee F. O.  A STATE government employee S. O.  23F. Has this person  An employee of a PRIVATE Co., bus, or individual for wages, salary or comm. P. O.  A STATE government employee F. O.  A STATE government employee S. O.  23F. CHECK ITEM:		Unic. U	Orac. C.	'never worked.")	otherwise, skip to 26)	_ <del></del>
23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)  23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)  23C. What kind of work was doing? (For example: electrical engineer, stock ciers ripist, farmer.)  23C. What kind of work was doing? (For example: electrical engineer, stock ciers ripist, farmer.)  23D. What were 's most important activities or duties at this job? (For example: types, keeps account books, files, selfs cars, operates printing press, finishes concrete!)  23D. What were 's most important activities or duties at this job? (For example: types, keeps account books, files, selfs cars, operates printing press, finishes concrete!)  23D. What were 's most important activities or duties at this job? (For example: types, keeps account books, files, selfs cars, operates printing press, finishes concrete!)  23D. What were 's most important activities or duties at this job? (For example: types, keeps account books, files, selfs cars, operates printing press, finishes concrete!)  23D. What were 's most important activities or duties at this job? (For example: types, keeps account books, files, selfs cars, operates printing press, finishes concrete!)	23. DESCRIPTION OF JOB OR BUSH	NESS.				T
An employee of a PRINATE Co., bus, or individual for wages, salary or comm. P. O. (Go to 23B). What kind of business or industry is this? (For example: TV and radio mfg., resal shoe store, State Labor Dept.)  23B. What kind of business or industry is this? (For example: TV and radio mfg., resal shoe store, State Labor Dept.)  A FEDERAL, government employee F. O. (Go to 23B)  A STATE government employee L. O. Entry for NA in item 20A O. (Go to 23B)  A LOCAL government employee L. O. Entry for NA in item 20A O. (Go to 23B)  A STATE government employee L. O. Self-empl. in OVYN bus, prof practice, or farm It is the business incorporated?  Self-empl. in OVYN bus, prof practice, or farm It is the business incorporated?  Working WITHOUT PAY in ram bus or farm WP (Skip 10 26)	234 For whom did work? (Name	of company business promitation	or other employer.)	23E. Was this person		23F. CHECK ITEM:
23B. What kind of business or industry is this? (For example: TV and radio mfg., retail shoe store, State Labor Dept.)  A FEDERAL, government employee F O (Go to 25 of 23F)  A STATE government employee L O (Go to 25 of 23F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A State government employee L O (Go to 25 of 25F)  A STATE government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)  A STATE government employee L O (Go to 25 of 25F)  A LOCAL government employee L O (Go to 25 of 25F)	Eart 1,07 Whom and 1.1. Walking the sho	Co Coppeny, Oppings, C go neon-		An employee of a PR	IVATE Co.,	i .
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A STATE government employee S O A LOCAL government employee S O A LOCAL government employee L O Entry for NA) in item 218 O page)  23C. What kind of work was doing? If or example, electrical engineer, stock cierk hypist, farmer.)  23D. What were 's most important activities or duries at this job? If or example involves, keeps account books, files, sells cars, operates printing press, linishes concrete?  Working WITHOUT PAY in ram bus or farm WP O 10 261	239. What kind of husiness or indus	dry is this? /Fry promoto: TV and ri	idio mfo , retail shoe store. State La	bor Dept.)   a remenal novemen	ent employee F O	
23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What kind of work was doing? #For example. electrical engineer, stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most important activities or dunies at this job? #For example : your stock cierk hypist, farmer.)  23C. What were 's most i	Table as the same of Business of Midus	the second is an experience of a most to				(Go to 25
23C. What kind of work was doing? For example, electrical engineer, stock cier's rypist, farmer.)  Self-empl, in OVVN bus, prof practice, or farm  Is the business incorporated?  Yes	l			, ,	(employee	) a(top o/
Self-empl, in OVVN bus, prof. practice, or farm    Self-empl, in OVVN bus, prof. practice, or farm   Self-empl, in OVVN bus, practice, or farm   Self-empl, in OVVN bus, practice, or farm   Self-empl, in OVVN bus, practice, or farm   Self-empl, in	23C What hind of much man	and the example of the series	e stock c.e.s. purjet farmer)	, ,		
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sells cars, operates printing press, finishes concrete )  Working WITHOUT PAY in ram bus or farm . WP 0 to 26) 1						1
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NEVER WORKED NEV C. J	23D. What were 's most importa- sells cars, operates printing resi	ent activities or duties at this job?	(For example livoes, keeps account	books, files.	neorborated No SE C	
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18A,	18B. RELATIONSHIP TO REFERENCE F	PERSON		18C.	180.	18E, MARITAL STAT	US	18F	18G1, SEX		Γ.				<del></del>
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6	Other Ref of Ref person		10 O		3.5	Widowed 3	/Skip	:	l	Viend War I 4		6	Pacific Isi	÷	:
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	CK ITEM: Iscope from Control Card Item 18)	1			ge or a 4-	year college or	LEAU	I-IN: This ne	xiset of que	estions has to do with inputers. These compu					
	s person is	i	universit	yı col <b>leg</b> e (con	on mib		may	be personal	or home co	mputers, mini comput	PCE.	per week did	use the compu	er at non	ne!
16	i-24 years of age C (Ask 26A)	Ì		nior college:		0	or m	sinframe co	mputers. Th	ese questions do not r	efer	7 days	. O 1 da	ıγ	0
All	others O (Skip to 76C)			college or u		0				ames, electronic video		6 days	. O Les	s than	
_									ns which do	not use a typewriter-l	ke	5 days		ice a wee	k o
26A. ()/	School in 19, Verify) LAST WEEK		35. NOTE: Fi	or persons e read the par	rroiled in	college (21-25 m	keybo			LOUGE OF FIGURE		4 days	. C Not	used in	
w sc	s attending or enrolled in a high root, college, or university?					•	RESE	YONDENT IN	HOUSEHOL	I ONCE OF FIRST LD, TRANSCRIBE DIREC	TLY	3 days		st month	. 5
(84	ark "Yes" if currently on holiday or	ŀ				urses and) on the job	FOR.	FOLLOWING	RESPONDE	ENTS AND BEGIN WITH	7	2 days		l know .	Õ
36	asonal vacation, Mark "No" for mme: vacationi,	ľ				iness, vocational,	ITEM	49.							
			courses)		II, trage or	correspondence	45. is	there a cor	npuler in thi	is hausehold?	- 1	52. CHECK ITEM			_
l '	/es ⊃ (/en/y/ No O tSkip,no  -		Courses	Yes (	~ No	0			Yes O	(Asir JE)	1	Entry or N/A in			
1 .	figh school O ]	L		163 .	- 140		]			(Sk.c. ta 52)	- 1	item 20A or item	n 218 O	Ask 531	
	College or Univ. C	[	36. Was	ettending o	or enrolled	in a regular school			mo O I	Dvr (3 08)		All others	0	Skip to 5	5)
	- ,	L			er 1992, th	at is, October of	46. H	low many o	omputers an	e there in this	$\neg$	FO Date disease			
268. ls .	enrolled in school as a full-time	I	last year	? 	C (Ask 3	71	h	ausehold?			1	53. Does directly	use a compute	Tat Work	•
or	part-time student?	1						1.,	0		ŀ	Y	es 🔾 (Ask 54	IJ	
	Fulf-time C } /F# 28C	Į		NO .	C (Skip i	o 38) —		2.	. 0		- 1		No 🔾 (Skip to	557	
	Part-time O	ſ	37. What gri	ide or year	was a	ttending last year?	1	3 or	more O		_ <b>⊢</b>		<del></del>		<del></del>
260 00	ECK ITEM: Who responded to the			Fler	mentary		L		3			54. At work, what do			
	or force items for this person?	1							was ine ine	west) computer		ISHOW FLASHCA	HD B. MAHK A	LIHALA	(PPLY)
***	or force iterits for this person?	1		1 2 3			P	urchased?				Analysis	О Сал	es .	. О
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	L HOUSEHOLD MEMBERS BEFORE ASK			_						ems does the (newest)	1	Computer-Assiste Design (CAD)	•	ramming	
	PPLEMENT QUESTIONS.			<u>C0</u>	llege			omputer ha			-	Databasas		5	
	SUPPLEMENT QUESTIONS		2	1 22 23	24 25	26	(4	READ LIST -	MARK ALL	Th="APPLY)	į		_	ad sheets	
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	CK ITEM		38, CHECK I	TEM .			-	Hard disk dri		Joi stick control C	- 1			d process	
	ool enrollment status. (Transcribe from 26	- 41	En	ny of "1-72"				Optical disk		Mouse control C		Educational programs		!/ !/	
J 32.		,	11	n item 32	, O ISI	ip to 45)		Dot matrix p		Fax band C		Electronic mail			e
	Yes ○     (Verdy:30)		All	others	. O (F4	ł 39)	1	Laser printer		Telephone moderni C		Casta dine iian , ,	0 50		
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1	Blank () (Ask 30)	J	-	і⊱М е 15 - 29 .	0 16	7 An)		ricker Scanner		Don tiknow C					
30 14	attending or enrolled in regular school	12	-	e 30+				۱۱۹۰۱۱۰۰۰	0	DC . NOW		Entry of 'Yes' in it			_
	-				, , , ,	J 107	49. D	loes dire	ctly use a co	omputer at home?		All others	c	Skip to St	3)
I	Yes 🔾 (Ask 31)		40. CHECK I	TEM	_		1		Yes O	(4 s. 50)					
	No. ○ (S±ip to 35)	_	Collec	e Graduate I	lentry of		1			(Sk a to 52)	• [	56. Does directly	use a compute	r at school	517
31. 14	. enrolled in public or private school?		41-46	n CC itam 2	231	<ul> <li>(Skip to 42)</li> </ul>						v	es O (Ask 5	71	
	• •	Į.	High S	ichool Gradu	ate lentry					use the computer for?			Na O piskopia		
I	Public O		of 39-	10 in CC der	rt 23) .	○ 15kip to 43)	] /3	SHOW FLAS	HCARD A. N	MARK ALL THAT APPLY	,	•	10.10		
1	Private 🔾		Not H	gh School G	Graduate	O (Ask 41)		natysis .	. 0	Graphics	s H	57. How frequently (	does heath	rome	er at
32. W/5	It grade or year is attending?		A1 la whee	alender	er did	lest award	4 _		-		~	school?		. Jonipuli	
			41. In what o		e- uid			konkkeeping kulletin board		-ome besed ousiness	പ	Every day	~		
1	Elementary			93	5.3						-	Several days a we			
I	1 2 3 4 5 6 7 8 7			92 or before		(Skip to 45)		lalendar/ scheduling	_	dousehold records/finance	<u>_</u> {	Once a week			
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1	High School Ship to 3	361 L					i			Learning to use the computer	ь I	Don't know			
I						receive his/her	۱ '	Connect to computer #	t work O	= rogramming					
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1	- 1 0 0 0 J	_		93	Φ		Ι '	omputer-As Design (CA			-	•			
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I	College	ŀ	43. In what	alendar	ac did	complete	<b>-</b> 1	Sestion publ		Spread sheets		Parent			
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1 '		1	-	93	0	_	-	ducational	_	. Yord processing		Other relative			
at e	ntry - 268, SKIP TO Item 34, OTHERWIS	ε.		92 or before				programs .	0	Cork at home		Nonrelative			
$\overline{}$	der: 331							lectronic ma	_	Other .		<u> </u>			
33. ls	. attending college full-time or part-time	e?				by means of an	1	ames	_	Con't know		If this is the last pers-	on 164 years of	200 /0 -0 -	household
}	Full-time C		equivale	ncy test, su	ich es the	GEO?	1		_	_	_	go to page 2 and con			
	Part-time 3	1		Yes	- No	5 D	1					any children 0-14 yea			
L							1				- 1		_		

18, LINE NUMBER	20. Did do any work at all	21. (II J in 19, skip to 21A.)	22. (If LK in 19, skip to 22A )	24. CHECK ITEM:	!
	LAST WEEK, not counting	Did have a job or	Has , been looking for work	(Rotation number)	
	work around the house?	business from which he/she	during the past 4 weeks?	First digit of SEGMENT number is:	25. CHECK ITEM:
19. What was , doing most	(Note, if tarm or business	1		_	(Rotation number)
of LAST WEEK -		was temporarily absent or	√ Yes □ No □ (Ga to 24)	O 1, 2, 3, 5, 6 or 7 (Skip to 26)	First digit of SEGMENT
	operator in hh , ask about	on layoff LAST WEEK?	<i> </i>	O 4 or 8 /Go to 24/AV	number is.
Working	unpaid work.)	l	22A. What has been doing in the last	F	0 4 6 9 5 9 7
Keeping house	Yes O No 3 #Go to 217	Yes O No O (Go to 22)	4 weeks to find work? (Mark <u>all</u>	24A. When did last work for pay at a	C 1, 2, 3, 5, 6 or 7 (Skip to 26)
Going to school	× 5 10 100 100 100 100 100 100 100 100 10	[ <i>*</i>	methods used, do not read list l	regular job or business, either full-or	O 4 or 8 (Go to 25A)
or something else?	204 Have many hours	21A. Why was absent from	Checked pub. employ agency Ci	part-time?	×
·	20A. How many hours @ @	work LAST WEEK?	with - pvi. employ agency C		25A. How many hours
Warking (Skip to 20A) . WK O	didwork II	(		Within past 12 months O	per week does 👑 💆 🗧
With a poblibut not at work JO	LAST WEEK 22	Own illness O		1 up to 2 years ago O	USUALLY 1 1
Looking for work LK O	at all jobs? 3.3	1	Inends or relatives 🔘	2 up to 3 years ago C >(Go to 246);	work at this job? 2 2
1 7	4 4		Placed or answered ads C	3 up to 4 years ago	3 ?
		On vacation O	Nothing (Skip to 24) . C	, ,	,
Gering to school S. O.			Other (Specify in notes, e.g.,	4 up to 5 years ago ,. ○ J	
Unable to work (5kg: to 24 . U.O.	6.6	Bad weather, O	JTPA, union or prof.	5 or more years ago , . O	5 5
Retired	49+ O (Skp to 7-7		register, etc.)	Never worked O J 24C)	6.5
Other (Specify) OT O	Itam 23) 8 8	Labor dispute O			<b>—</b> 7 ÷
1 1	1-34 O (Go to 9 9		22B. At the time started looking	248. Why did leave that job?	8 6
,	200	I No company	for work, was it because he/she	Personal, family	9 9
ł		New job to begin (Skip to	lost or quit a job or was there	(Incl. pregnancy) or school , O	9 9
i	35-48 O (Go to 20D)	within 30 days. O 226 and	some other reason?		APP. In the second beauty
ŀ	<del></del>	Z2C2)		Health O	25B. Is paid by the hour
ł_	20D. Did lose any time or	Temporary layoff	■ Lost job	·	on this job?
	take any time off LAST	(Under 30 days) 🔿	Quit job	Retirement or old age	Yes (Go to 25C)
	WEEK for any reason	Indefinite Issett (Skip	■ Left school O	Seasonal job completed O	No C (Skip to 25D)
1	I such as illness, holiday	CO desc	<ul> <li>Wanted temporary work.</li> </ul>	Seasonal job completed'. O	140 C JORD ID 2007
<u> </u>	or slack work?	Or no def. recall	Change in home	Stack work or business conditions O	25C. How much Dollars Cents
20C. Does USUALLY work 35	S 2100 170 17	dete)	or family responsibilities O		
hours or more a week at this job?	Y 0 H	••••	· ' '	Temporary	
<b>!</b>	Yes O How many hours did take off?	Other (Specify), O		nonseasonal job completed O Unsatisfactory work	earn 1111
Yes O What is the reason			Other (Specify in notes)	errangements (Hours,pay, etc.)	ber your. 55 5 5
worked less than	1	l '		Other O	3 3 3 3
		<del></del>	22C. 1) How many weeks @ @	Other	
35 hours LAST WEEK?	(Correct 20A if lost time	21B. ls., receiving wages	hasbeen looking I	24C. Does want a regular job now,	,
	not aiready deducted;	or salary from his/her	for work? 2.2	either full-or part-time?	
No O What is the reason	il 29A reduced below 35,	employer for any of the	3 3	Yes 0 }	66 6 5
USUALLY works	correct 208 and fill 20C)	time off LAST WEEK?	2) How many weeks ago 💪 4	Maybe – it depends O (Go to 24D)	377
less than 35 hours			did . start looking 5 5	(Specify in notes)	5885
a week?		Yes O	for work? 6 6	No O }	9999
(Mark the appropriate reason)	No 0 —		0 0	Ne   (Skip to 24E)	
Involve two obbiotherie reasons	2005 Disk words now marries of	<b>↑ №</b> ○	구구 3) How many weeks ago 호호	l	(Ask 250) REF (3
Stack work	20E. Did work any overtime	1	1	24D. What ere the reasons is not	25D. How much does
l _	or at more than one job		was…laidiotf? gg	looking for work?	SON' HOM WHEN GOES '
Material shortage , O	LAST WEEK?	21C. Does usually work		(Mark each reason mentioned)	USUALLY 0000
1		35 hours or more a week	22D. Has been looking for full-time	(Mark each reason mentioned)  • Believes no work	earn per week 1 1 1 1
Material shortage O Plant or machine repair	Yes O How many axtra	35 hours or more a week	or part-time work?	Mark each reason mentioned	earn per week   1 1 1 1 at this job 2 2 2
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	CK ITEM:	34. Is this a	2-year colle	ge or a 4-	year college or			ext set of questions has to do with .		1. During the last m	nonth, on av-	erage, how r	nany days
§ (Tran	scribe from Control Card Item 18)	universit	lγ)					in use of computers. These comput	ers	per week did			
Thi	s person is		college (cor		_	may	be personal	or home computers, mini computer	ırs,				
	3-24 years of age O (Ask 264)		nior college:					mputers. These questions do not re		7 days .		1 day	0
AI	others O (Skip to 26C)	4-year	college or u	niversity	0			culators or games, electronic video ns which do not use a typewriter-lii		6 days	0 '	Less than	
		35 AMOTE: E	or careone a	arallad in	college (21-25 in	keybo		ins annual de not asc a type of the inter-		5 days	🔿	once a wee	ek O
20A. (II	"School" in 79, Venly) LAST WEEK III attending or enrolled in a high	ilem 32)	read the par	enthetical	phrase.			6 47 and 48 ONCE OF FIRST		4 days	• •	Not used in	
ec.	hool, college, or university?	Evaluation	o Iraniilaa a	ollaga sa	urses and) on the job	RESP	ONDENT IN	6, 47, and 48 ONCE OF FIRST I HOUSEHOLD, TRANSCRIBE DIREC	TLY	3 days	0	last month	Ċ
I (M	lark "Yes" if currently on holiday or				iness, vocational,	FOR	FOLLOWING	S RESPONDENTS AND BEGIN WITH		2 days	0	Don't know .	с
56	asonal vacation. Mark "No" for mmer vacation).				correspondence								
1	L.	courses?		, usus o	torrespondence	45. Is	there a cor	mputer in this household?	5	2. CHECK ITEM			_
1 '	Yes O (Nerity) No O (Ship to		Yes (	n No	0	1		Yes () (Ask 46)		Entry or N/A in			
1 .	High school O ]ass			,,,,		1		No O (Ske to 52)		item 20A or item	n 21B 👑 🖯	) (Ask 53)	
	College or Univ. O	36. Was	ettending o	r enrolled	in a regular school	i		140 (3 (5) (2 (5) 2)		All others		) (Skip to 5!	5)
l	· '	or colleg	e in Octobe	or 1992, th	at is, October of	46. H	ow many co	omputers are there in this	_				
268. 15 .	enrolled in school as a full-time	last year	?			h	ousehold?		4 ا	3. Does directly	nse e comb	uter at worki	?
or	part-time student?			O (Ask 3			1	0		Y	es () (Asi	k 54)	
1	Full-time O )		No (	O (Skipt	o 38)	1	2	0			No O (Ski		
	Part-time O (Fall 26C)	37 What or	neev to she	was a	ttending last year?	1		more O	⊢				
l		Unit 1711.00 giv.	•		the hand part your.				5	4. At work, what do	es use th	he computer	for?
	ECK ITEM: Who responded to the		Eler	mentary		47. In	what year	was the (newest) computer		(SHOW FLASHCA	ARD B. MARI	K ALL THAT A	APPLY)
lab.	or force items for this person?	1 2 3 4 5 6 7 8 purchased? Analysis						_	_				
ĺ	■ 5:4 O )		0000	000:	0.0	1	.nnt d	5				Games	<u>C</u>
1	Self O					1	1993 (			Bookkeeping		Graphics .	C
•	Other O > ——		High	School		1	1992 (			Bulletin boards	0 1	inventory con:	trol 🔾
	Self/Other □ J 💉		9 10	11 12		1	1991 (	C Before 988 O		Calendar/scheduli	ing O 1	Invoicing	0
						1	1990 (	C Don't know O		Communications	0 .	Learning to us	se
REMINE	ER: ASK THE LABOR FORCE QUESTIONS	1	2 0	0 0					_	Computer-Assiste		the comput	
	L HOUSEHOLD MEMBERS BEFORE ASKING		Co	llegę				following items does the (newest)	- }	Design (CAD)		Programming	
	PPLEMENT QUESTIONS.						omputer ha			Databases		Sales	
<del></del>		_		24 25	26	(F	READ LIST -	MARK ALL THAT APPLY)				Spread sheets	
Form An	SUPPLEMENT QUESTIONS proved D.M.B. No. 0607-0464: Expires 12-37-93	:		00	Q =		Floogy disk o	drive O Color monitor O	ì	Desktop publishin newsletters			
29. CHE		38. CHECK I	TCII			-			1			Telemarketing	
			try of "1-12"			1	Hard disk dri	•	1	Educational		Word process	
Scho	pol enrollment status (Transcribe from 26A)		п сет 32	. O (5%	op (a 45)	1	Optical disk o		1	programs		Other	
•	Yes O )		oiners .		1 39)	1	Det matrix p		- }	Electronic mail	0	Don't know ,	0
1	No O (Venty 30)					-	Laser printer		⊢				
i	Blank O (Ask 30)	39. CHECK I					Platter		5	5. CHECK ITEM			_
<b></b>	<del></del>		e 15 - 29 .				Scanner	O Dan't know O		Entry of "Yes" in it	tem 30 in	14st se	
30. fs	. attending or annolled in regular school?	Ag	e 30+	C) (Sk	rø (o 45)	40 0	nes dire	sethi uea a comoutar at homa?	$\dashv$	All others			A)
	Yes O (Ask 37)	49. CHECK I	TEM			1 73. 5	ocauire	ectly use a computer at home?	.			, junge 10 of	••
1	No O (Skip to 35)					1		Yes ○ ⊯ε< 501	<del> -</del>	E Done -		unione se anti-	-17
	<del></del>	Colleg	e Graquate I in CC item 2	ientry of	O (Skip to 42)	!		Na ⊜ :S∢ <i>p to 52</i> )	"	ib. Dues directly	ose a comp	ater of SCHOOL	<i>201</i>
31. h	enrolled in public or private school?	l			O IONIP IO 121	£7. 4	7 hom=1	ne dans	<b></b> -∤	Y	res O (Asi	k 57)	
1	Public O		ichoo! Gradu 40 in CC iter		C (Skip to 43)			at does use the computer for? HCARD A MERK ALL THAT APPLY)			No C (Ski	ip to 58)	
1	·	ı				"	FLH3	HOUSE N - 1 ALL IDAI AFFLI)					
	Private C	Not H	ign School G	raduate	○ (Ask 41)	Å	nalysis	C Graphics	0   5	7. How frequently o	does usa	the comput	ar at
32. Wha	t grade or year is attending?	41. In what o	alendar ve	ar did	last attend	٦ _	pokkeeping	. C Horne-based	-   *	school?		,	
	Elementary	regular s			_		ulletin board		o I	Every day	c	3	
1	· · · · · · · · · · · · · · · · · · ·	199		. 0 1		1	alendar/	Household		Several days a we			
1	12345676		92 or before		(Skip to 45)		scheduling		5 I	Once a week			
1	0000000	ľ	ver attended		•		ommunicate	_		Less than once a			
1	High School Skip to 361	<b></b> _				1		ons C Learning to use the computer !	, I	Don't know			
1	<del></del>				receive his/her		onnect to computer at			JUIT CEROW		,	
1	9 10 11 12	most rec	ent degree	?		1			_	70.140			
1	5000	199	93	C .			omputer-As:	Di C	- ∤S	ill. Who reported to	r this person	17	_
1	,	199	92 or pefore	0			Design (CAI		_ [	Self		o <b>I</b>	=
1	<u>College</u>				<del></del>	٦.	ulabases .	_ 1.		Parent			
2	1 22 23 24 25 26	43. In what o		ar did	complete		lesklop publi			Spouse			
1 6		high sch		_			newsietters			Other relative			
	ntry in 268, SKIP TO item 34, OTHERWISE		93 .	C			ducational	Word processing		Nonrelative			
ask i	ntry in 268, SKIP TO item 34, OTHERWISE, item 331	195	92 or before	0			programs	Work at home!	- 1				
$\overline{}$	attending college full-time or part-time?	44 054 -	omniete Ei	ah erha-'	by means of an	E	lectronic ma		⊃ <del> </del> -				
"". ''	· evenend counties inv-time at bay-lime.		rompiete nij nov test, su			G	ames	Don't know	2 6	f this is the last cers	on 15+ years	of age in the	household:
1	Full-time O	edniA9 6	, 1531, 30	-11 D3 141E	urs:			_	9	go to page 2 and con	nplete items :		
	Part-time		, a2	Dig	· 7.				ة	ny children 0-14 vea	rs old		

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#### **INDUSTRY CLASSIFICATIONS**

#### Industry Classification Codes for Detailed Industry (3-digit)

There are 236 categories for the employed, with 1 additional category for the experienced unemployed. These categories are aggregated into 51 detailed groups and 23 major groups (see pages A-9 through A-11). (Numbers in parentheses are the 1987 SIC code equivalent; see Executive Office of the President, Office

of Management and Budget, Standard Industrial Classification Manual, 1987. "Pt" means part, "n.e.c."

means not elsewhere classified.)

These codes correspond to Item A-IND located in the adults record layout. These codes are located in positions 0160-0162 in all months except March. In March, these codes are located in positions 0103-0105.

Code	Industry
000-009	not used
010-030	AGRICULTURE
010	Agricultural production, crops (01)
011	Agricultural production, livestock (02)
012	Veterinary services (074)
013-019	not used
020	Landscape and horticultural services (078)
021-029	not used
030	Agricultural services, n.e.c. (071, 072, 075, 076)
031-032	FORESTRY AND FISHERIES
031	Forestry (08)
032	Fishing, hunting, and trapping (09)
033-039	not used
040-050	MINING
.040	Metal mining (10)
041	Coal mining (12)
042	Oil and gas extraction (13)
043-049	not used
050	Nonmetallic mining and quarrying, except fuel (14)
051-059	not used
060	CONSTRUCTION (15, 16, 17)
061-099	not used
100-392	MANUFACTURING
100-222	NONDURABLE GOODS
100-122	Food and kindred products
100	Meat products (201)
101	Dairy products (202)
102	Canned, frozen and preserved fruits and vegetables (203)
103-109	not used
110	Grain mill products (204)
111 112	Bakery products (205) Sugar and confectionery products (206)
113-119	not used
120	Beverage industries (208)
120	Miscellaneous food preparations and kindred products (207, 209)
122	Not specified food industries
122	Tot phastian food mannings

Code	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)
141	Carpets and rugs (227)
142	Yarn, thread, and fabric mills (221-224, 228)
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)
161	Miscellaneous paper and pulp products (267)
162	Paperboard containers and boxes (265)
163-170	not used Printing, publishing, and allied industries
171-172	Newspaper publishing and printing (271)
171 172	Printing, publishing, and allied industries, except newspapers (272-279)
172 173-179	not used
180-192	Chemicals and allied products
180-192	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 (302-306)
212	Miscellaneous plastics products (308)
213-219	not used
220-222	Leather and leather products  Leather tanning and finishing (311)
220	Footwear, except rubber and plastic (313, 314)
221 222	Leather products, except footwear (315-317, 319)
223-229	not used
443-447	1106 4354
230-392	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

Code	Industries
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
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329)
263-269 270-301	not used Metal industries
270-301	Blast furnaces, steelworks, rolling and finishing mills (331)
271	From and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)
273-279	not used
280	Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
281	Cutlery, handtools, and general 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)
293-299 300	not used Missellaneous febricated metal products (241, 242, 247, 240)
301	Miscellaneous fabricated metal products (341, 343, 347, 349) Not specified metal industries
302-309	not used
310-332	Machinery and computing equipment
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 (3578, 3579)
322	Computers and related equipment (3571-3577)
323-330 331	not used 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, TV, 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)
352 253 250	Aircraft and parts (372)
353-359 360	not used 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)
371-381	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382 except 3827)
372	Medical, dental, and optical instruments and supplies (3827, 384, 385)
373-379	not used
380	Photographic equipment and supplies (386)

Code	Industries
381	Watches, clocks, and clockwork operated devices (387)
382-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries
393-399	not used
	THE STATE OF THE PROPERTY OF T
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) not used
403-409	·
410	Trucking service (421, 423) Warehousing and storage (422)
411 412	U.S. Postal Service (43)
412 413-419	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 and cable (483, 484)
441	Telephone communications (481) Telegraph and miscellaneous communications services (482, 489)
442	
443-449	not used
450-472	UTILITIES AND SANITARY SERVICES
450	Electric light and power (491)
451	Gas and steam supply systems (492, 496)
452	Electric and gas, and other combinations (493)
453-469	not used
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities
473-499	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	Professional and commercial equipment and supplies (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
513-520	not used
521	Hardware, plumbing and heating supplies (507)
522-529	not used
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (509 except 5093)
533-539	not used
540-571	Nondurable Goods

Code	Industries
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-product raw materials (515)
552	Petroleum products (517)
553-559	not used
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5192-5199)
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)
591 502	Department stores (531)
592 502 500	Variety stores (533) not used
593-599	Miscellaneous general merchandise stores (539)
600 601	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	Apparel and accessory stores, except shoe (56, except 566)
624-629	not used
630	Shoe stores (566)
631	Furniture and home furnishings stores (571)
632	Household appliance stores (572)
633	Radio, TV, and computer stores (5731, 5734)
634-639	not used
640	Music stores (5735, 5736)
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 Jewelry stores (5944)
660 661	Gift, novelty, and souvenir shops (5947)
661 662	Sewing, needlework and piece goods stores (5949)
66 <b>2</b> 663	Catalog and mail order houses (5961)
664-669	not used
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
OIL	

Code	Industries
672	Fuel dealers (598)
673-680	not used
681	Retail florists (5992)
682	
683-690	Miscellaneous retail stores (593, 5948, 5993-5995, 5999)
691	Not specified retail trade
692-699	not used
700-712	· - · · - · · - · · · · · · · · ·
700	Banking (60 except 603 and 606)
701	Savings institutions, including credit unions (603, 606)
702	Credit agencies, n.e.c. (61)
703-709	
<b>7</b> 10	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate, including real estate-insurance offices (65)
713-720	not used
721-760	BUSINESS AND REPAIR SERVICES
721	Advertising (731)
722	Services to dwellings and other buildings (734)
723-730	not used
731	Personnel supply services (736)
732	Computer and data processing services (737)
733-739	not used
740	Detective and protective services (7381, 7382)
741	Business services, n.e.c. (732, 733, 735, 7383-7389)
742	Automotive rental and leasing, without drivers (751)
743-749	not used
750	Automotive parking and carwashes (752, 7542)
751	Automotive repair and related services (753, 7549)
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)
762-791	PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD
762	Hotels and motels (701)
763-769	not used
770	Lodging places, except hotels and motels (702, 703, 704)
<b>7</b> 71	Laundry, cleaning, and garment services (721 except part 7219)
772	Beauty shops (723)
<b>77</b> 3-779	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 7219)
791	Miscellaneous personal services (722, 729)
792-799	not used
176-177	HOL RECH
800-810	ENTERTAINMENT AND RECREATION SERVICES
800	Theaters and motion pictures (781-783, 792)
801	Video tape rental (784)
	we (, o .)

Code	Industries
802	Bowling centers (793)
803-809	not used
810	Miscellaneous entertainment and recreation services (791, 794, 799)
811	not used
812-893	PROFESSIONAL AND RELATED SERVICES
812-830	MEDICAL SERVICES, EXCEPT HOSPITALS
812 813-819	Offices and clinics of physicians (801, 803) not used
820	Offices and clinics of dentists (802)
821	Offices and clinics of chiropractors (8041)
822	Offices and clinics of optometrists (8042)
823-829 830	not used Offices and clinics of health practitioners, n.e.c. (8043, 8049)
030	Offices and chines of health practitioners, fi.e.c. (8043, 8045)
831	HOSPITALS (806)
832-840	MEDICAL SERVICES, EXCEPT HOSPITALS (Continued)
832	Nursing and personal care facilities (805)
833-839 840	not used
040	Health services, n.e.c. (807, 808, 809)
841	OTHER PROFESSIONAL SERVICES (also includes codes 872-893)
841	Legal services (81)
842-860	EDUCATIONAL SERVICES
842	Elementary and secondary schools (821)
843-849 850	not used
851	Colleges and universities (822) Vocational schools (824)
852	Libraries (823)
853-859	not used
860	Educational services, n.e.c. (829)
861-871	SOCIAL SERVICES
861	Job training and vocational rehabilitation services (833)
862 863	Child day care services (part 835) Family child care homes (part 835)
864-869	not used
870	Residential care facilities, without nursing (836)
871	Social services, n.e.c. (832, 839)
872-893	OTHER PROFESSIONAL SERVICES (Also includes code 840)
872	Museums, art galleries, and zoos (84)
873	Labor unions (863)
874-879 880	not used Religious organizations (866)
881	Membership organizations, n.e.c. (861, 862, 864, 865, 869)
882	Engineering, architectural, and surveying services (871)
883-889	not used
890 891	Accounting, auditing, and bookkeeping services (872)
891 892	Research, development, and testing services (873)  Management and public relations services (874)
893	Miscellaneous professional and related services (899)
894-899	not used

Code	Industries
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 (05)
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)
932	National security and international affairs (97)
933-990	not used
991	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces

## Detailed Industry Recodes (01-51)

These codes correspond to Item A-DTIND located in positions 218-219 of the adult record layout in all months except March. In March, these codes are located in positions 0157-0158.

Detailed Industry	Recode	Industry Code
Agriculture Service	01	012-030
Other Agriculture	02	010-011
Mining	03	040-050
Construction	04	060
Manufacturing (Durable Goods)		
Lumber and wood products, except furniture	05	230-241
Furniture and fixtures	06	242
Stone clay, glass, and concrete product	07	250-262
Primary metals	08	270-280
Fabricated metal	09	281-300
Not specified metal industries	10	301
Machinery, except electrical	11	310-332
Electrical machinery, equipment, and supplies	12	340-350
Motor vehicles and equipment	13	351
Aircraft and parts	14	352
Other transportation equipment	15	360-370
Professional and photographic equipment,		
and watches	16	371-382
Toys, amusements, and sporting goods	17	390
Miscellaneous and not specified manufacturing	•	2,0
industries	18	391-392
		2.2.2.
Manufacturing (Nondurable Goods)		
Food and kindred products	19	100-122
Tobacco manufactures	20	130
Textile mill products	21	132-150
Apparel and other finished textile products	22	151-152
Paper and allied products	23	160-162
Printing, publishing and allied industries		171-172
	24 25	180-192
Chemicals and allied products	25	100-192
Patroleum and coal products	26	200-201
Petroleum and coal products		210-212
Rubber and miscellaneous plastics products	27 28	220-222
Leather and leather products	20	220-222
Transportation	29	400-432
Communications	30	440-442
Utilities and Sanitary Services	31	450-472
Wholesale Trade	32	500-571
Retail Trade	33	580 <b>-</b> 691
		700-710
Banking and Other Finance	34	
Insurance and Real Estate	35	711-712
Dahara Harrahald Cami'a	26	761
Private Household Services	36 27	761 731 750
Business Services	37	721-750

Detailed Industry	Recode	<b>Industry Code</b>
Repair Services	38	- 751-760
Personal Services, Except Private Household	39	762-791
Entertainment and Recreation Services	40	800-810
Hospitals	41	831
Health Services, Except Hospitals	42	812-830
• •		832-840
Educational Services	43	842-860
Social Services	44	861-871
Other Professional Services	45	841,872-893
Forestry and Fisheries	46	031,032
Justice, Public Order and Safety	47	910
Administration of Human Resource Programs	48	922
National Security and Internal Affairs	49	932
Other Public Administration	50	900,901,921,930,931
Armed Forces last job, currently employed	51	991

# Major Industry Recodes (01-23)

These codes correspond to Item A-MJIND located in positions 216-217 of the adults record layout in all months except March. In March, these codes are located in positions 0155-0156.

Major Industry	Recode	<b>Industry Code</b>
Agriculture	01	010-030
Mining	02	040-050
Construction	03	060
Manufacturing		
(Durable Goods)	04	230-392
Nondurable Goods	05	100-222
Transportation, communications	•	
and other public utilities		
Transportation	06	400-432
Communications and public utilities		
Communications	07	440-442
Utilities and sanitary service	08	450-472
Wholesale Trade		
Wholesale trade	09	500-571
Retail Trade	10	580-691
Finance, insurance, and real estate	11	700-712
Services		
Private households	12	761
Miscellaneous services		
Business and Repair Services	13	721-760
Personal services, except pri. hhlds.	14	762-791
Entertainment and recreation services	15	800-810
Professional and related Services		
Hospitals	16	831
Medical services, except hospitals	17	812-830, 832-840
Educational services	18	842-860
Social services	19	861-871
Other professional services	20	841, 872-893
Forestry and fisheries	21	031-032
Public administration	22	900-932
Armed forces	23	991

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#### OCCUPATION CLASSIFICATIONS

## Occupational Classification Codes for Detailed Occupational Categories (3-digit)

There are 500 categories for the employed with 1 additional category for the experienced unemployed. These categories are aggregated into 46 detailed groups and 14 major groups (see pages B-15 through B-17).

The classification is developed from the 1980 Standard Occupational Classification. "n.e.c." is the abbreviation for not elsewhere classified.

These codes correspond to Item A-OCC located in the adults record layout. These codes are located in positions 0163-0165 in all months except March. In March, these codes are located in positions 0106-0108.

Code	Occupation
000-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
000-037	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS
000-002	not used
003	Legislators (111)
004	Chief executives and general administrators, public administration (112)
005	Administrators and officials, public administration (1132-1139)
006	Administrators, protective services (1131)
007	Financial managers (122)
800	Personnel and labor relations managers (123)
009	Purchasing managers (124)
010-012	not used
<sup>^</sup> 013	Managers, marketing, advertising, and public relations (125)
014	Administrators, education and related fields (128)
015	Managers, medicine and health (131)
016	Postmasters and mail superintendents (1344)
017	Managers, food serving and lodging establishments (1351)
018	Managers, properties and real estate (1353)
019	Funeral directors (part 1359)
020	not used
021	Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)
022	Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)
023-037	Management Related Occupations
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
030-032	not used
033	Purchasing agents and buyers, n.e.c. (1449)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, except construction (1473)
037	Management related occupations, n.e.c. (149)
038-042	not used
043-199	PROFESSIONAL SPECIALTY OCCUPATIONS
043-063	Engineers, Architects, and Surveyors
043	Architects (161)

Code	Occupations
044-059	Engineers
044	Aerospace (1622)
045	Metallurgical and materials (1623)
046	Mining (1624)
047	Petroleum (1625)
048	Chemical (1626)
049	Nuclear (1627)
050-052	not used
053	Civil (1628)
054	Agricultural (1632)
055	Electrical and electronic (1633, 1636)
056	Industrial (1634)
057	Mechanical (1635)
058	Marine and naval architects (1637)
059	Engineers, n.e.c. (1639)
060-062	not used
063	Surveyors and mapping scientists (164)
064-068	Mathematical and Computer Scientists
064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)
069-083	Natural Scientists
069	Physicists and astronomers (1842, 1843)
070-072	not used
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodesists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079	Forestry and conservation scientists (1852)
080-082	not used
083	Medical scientists (1855)
084-089	Health Diagnosing Occupations
084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089	Health diagnosing practitioners, n.e.c. (289)
090-094	not used
095-106	Health Assessment and Treating Occupations
095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
098-105	Therapists Respiratory therapists (3031)
098	
099	Occupational therapists (3032)
100-102	not used  Physical therapists (2022)
103	Physical therapists (3033) Speech therapists (3034)
104	Speech therapists (3034) Therapists, n.e.c. (3039)
105 106	
106	Physicians' assistants (304)
107-112	not used

Code	Occupations
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)
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)
. 145 146	Law teachers (2243)
147	Social work teachers (2244)
148	Theology teachers (2245)
149	Trade and industrial teachers (2246)
150-152	Home economics teachers (2247)
153	not used
154	Teachers, postsecondary, n.e.c. (2249)
155-159	Postsecondary teachers, subject not specified
155	Teachers, Except Postsecondary Teachers, prekindergorton and kindersection (221)
156	Teachers, prekindergarten and kindergarten (231) Teachers, elementary school (232)
157	Teachers, secondary school (232)
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)
	- , , ,

Code	Occupations
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
183-199	Writers, Artists, Entertainers, and Athletes
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 artist printmakers (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
202 200	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-389	TECHNICAL, SALES, AND ADMINISTRATIVE SCUPATIONS  TECHNICIANS AND RELATED SUPPORT OCCUPATIONS
203-235	Health Technologists and Technicians
203-208	Clinical laboratory technologists and technicians (362)
203 204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)
209-212	not used
213-235	Technologists and Technicians, Except Health
213-233	Engineering and Related Technologists and Technicians
213 216	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	Science Technicians
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)
226-235	Technicians, Except Health, Engineering, and Science
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)
	14–4

Code	Occupations
234	Legal assistants (396)
235	Technicians, n.e.c. (399)
236-242	not used
243-285	SALES OCCUPATIONS
243	Supervisors and Proprietors, Sales Occupations (40)
244-252	not used
253-257	Sales Representatives, Finance and Business Services
253 254	Insurance sales occupations (4122)
254 255	Real estate sales occupations (4123)
255 256	Securities and financial services sales occupations (4124)
257	Advertising and related sales occupations (4153)
258-259	Sales occupations, other business services (4152) 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)
268 269	Sales workers, hardware and building supplies (4353)
270-273	Sales workers, parts (4367)
270-273	not used  Sales workers, other commodition (4345, 4347, 4354, 4356, 4350, 4360, 4360)
275	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369) 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, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306 307	Chief communications operators (4523)
308-309	Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)  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)

Code	Occupations
319	Receptionists (4645)
320-322	not used
323	Information clerks, n.e.c. (4649)
324	not used
325-336	Records Processing Occupations, Except Financial
325-330 325	Classified-ad clerks (4662)
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)
	Financial Records Processing Occupations
337-344 337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
	Billing clerks (4715)
339	not used
340-342	Cost and rate clerks (4716)
343	Billing, posting, and calculating machine operators (4718)
344	Duplicating, Mail and Other Office Machine Operators
345-347	Duplicating machine operators (4722)
345	Mail preparing and paper handling machine operators (4723)
346	Office machine appropriate and (4720)
347	Office machine operators, n.e.c. (4729)
348-353	Communications Equipment Operators
348	Telephone operators (4732)
350-352	not used Communications equipment operators, n.e.c. (4733, 4739)
353	Communications equipment operators, n.c.c. (4755, 4757)
354-357	Mail and Message Distributing Occupations
354	Postal clerks, except mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, except postal service (4744)
357	Messengers (4745)
358	not used
359-374	Material Recording, Scheduling, and Distributing Clerks
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 Weighers, measurers, checkers, and samplers (4756, 4757)
368	
369-372	not used
373	Expediters (4758)  Material recording, scheduling, and distributing clerks, n.e.c. (4759)
374	
375-378	Adjusters and Investigators Insurance adjusters, examiners, and investigators (4782)
375	Investigators and adjusters, except insurance (4783)
376	Eligibility clerks, social welfare (4784)
37 <b>7</b>	Dill and account collectors (4786)
378	Bill and account collectors (4786) Miscellaneous Administrative Support Occupations
379-389	Concrete office clerks (462)
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
	14–6

Code	Occupations
386	Statistical clerks (4794)
387	Teachers' aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
403-469	SERVICE OCCUPATIONS
403-407	PRIVATE HOUSEHOLD OCCUPATIONS
403 404	Launderers and ironers (503)
404 405	Cooks, private household (504) Housekeepers and hutlers (505)
406	Housekeepers and butlers (505) Child care workers, private household (506)
407	Private household cleaners and servants (502, 507, 509)
408-412	not used
413-427	PROTECTIVE SERVICE OCCUPATIONS
413-415	Supervisors, Protective Service Occupations
413	Supervisors, firefighting and fire prevention occupations (5111)
414	Supervisors, police and detectives (5112)
415	Supervisors, guards (5113)
416-417	Firefighting and Fire Prevention Occupations
416	Fire inspection and fire prevention occupations (5122)
417	Firefighting occupations (5123)
418-424 418	Police and Detectives
419-422	Police and detectives, public service (5132) not used
423	Sheriffs, bailiffs, and other law enforcement officers (5134)
424	Correctional institution officers (5133)
425-432	Guards
425	Crossing guards (5142)
426	Guards and police, except public service (5144)
427	Protective service occupations, n.e.c. (5149)
428-432	not used
433-469	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD
433-444	Food Preparation and Service Occupations
433	Supervisors, food preparation and service occupations (5211)
434 435	Bartenders (5212)
436	Waiters and waitresses (5213) Cooks (5214, 5215)
437	not used
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)
446 447	Health aides, except nursing (5233)  Nursing aides, orderlies, and attendants (5236)
44 7 448-455	Nursing aides, orderlies, and attendants (5236) 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)
	14-7

Code	Occupations
456-469	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	not used
461	Guides (5255)
462	Ushers (5256)
463	Public transportation attendants (5257)
464	Baggage porters and bellhops (5262)
465	Welfare service aides (5263)
466	Family child care providers (part 5264)
467	Early childhood teacher's assistants (part 5264)
468	Child care workers, n.e.c. (part 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 horticultural (5512-5514)
474	Horticultural specialty farmers (5515)
475	Managers, farms, except horticultural (5522-5524)
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) Related Agricultural Occupations
485-489	Supervisors, related agricultural occupations (5621)
485	Groundskeepers and gardeners, except farm (5622)
486	Animal caretakers, except farm (5624)
487	Graders and sorters, agricultural products (5625)
488	Inspectors, agricultural products (5627)
489 490-493	not used
490-493 494-496	Forestry and Logging Occupations
494-490	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 (part 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used
503-699	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-552	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 (part 6111)
506	Automobile mechanic apprentices (part 6111)
507	Bus, truck, and stationary engine mechanics (6112)
	14-R

14-8

Code	Occupations
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, except 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)
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 Supervisors, brickmasons, stonemasons, and tile setters (6312)
553 554	Supervisors, carpenters and related workers (6313)
554 555	Supervisors, carpenters and related workers (6313) Supervisors, electricians and power transmission installers (6314)
555 556	Supervisors, painters, paperhangers, and plasterers (6315)
557	Supervisors, plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, construction, n.e.c. (6311, 6318)
559-562	not used
563-599	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (part 6412, part 6413)
564	Brickmason and stonemason apprentices (part 6412, part 6413)
565	Tile setters, hard and soft (part 6414, part 6462)
566	Carpet installers (part 6462)
567	Carpenters (part 6422)
568	not used
569	Carpenter apprentices (part 6422)
570-572	not used
573	Drywall installers (6424)
574	not used
575	Electricians (part 6432)
576	Electrician apprentices (part 6432)
	14-9

Code	Occupations
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (part 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (part 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)
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)
618-627	not used
628-699	Precision Production Occupations
628 629-633	Supervisors, production occupations (67, 71)
634-655	not used Precision Metal Working Occupations
634	Precision Metal Working Occupations Tool and die makers (part 6811)
635	Tool and die maker apprentices (part 6811)
636	Precision assemblers, metal (6812)
637	Machinists (part 6813)
638	not used
639	Machinist apprentices (part 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 (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
648	not used
649	Engravers, metal (6823)
650-652	not used
653	Sheet metal workers (part 6824)
654	Sheet metal worker apprentices (part 6824)
655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used

Code	Occupations
666-674	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (part 6852, part 7752)
667	Tailors (part 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-673	not used
674	Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752)
675-684	Precision Workers, Assorted Materials
675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, part 7477, part 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
686-688 686	Precision Food Production Occupations
687	Butchers and meat cutters (6871) 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 (part 693)
696	Stationary engineers (part 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)
714 715	Numerical control machine operators (7326)  Miscellaneous metal, plastic, stone, and glass working machine
113	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
723 724	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
	14–11

Code	Occupations
<b>72</b> 5	Miscellaneous metal and plastic processing machine operators (7349, 7549)
726-733	Woodworking Machine Operators
726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
<b>727</b> .	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nailing 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 press 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)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657)
748 749	Laundering and dry cleaning machine operators (6855, 7658)
750-752	Miscellaneous textile machine operators (7459, 7659) not used
753-779	Machine Operators, Assorted Materials
753-77 <i>)</i>	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7462, 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 (7467, 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, except food (7675)
767 760	not used
768 769	Crushing and grinding machine operators (part 7477, part 7677)
770-772	Slicing and cutting machine operators (7478, 7678) not used
770-772	Motion picture projectionists (part 7479)
773 774	Photographic process machine operators (6863, 6868, 7671)
775-776	not used
777	Miscellaneous machine operators, n.e.c. (part 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)
<b>784</b>	Solderers and brazers (7333, 7533, 7717)
785	Assemblers (772, 774)
786 787	Hand cutting and trimming occupations (7753)
787 789	Hand molding, casting, and forming occupations (7754, 7755)
788	not used

Code	Occupations
789	Hand painting, coating, and decorating occupations (7756)
790-792	not used
793	Hand engraving and printing occupations (7757)
794	not used
795	Miscellaneous hand working occupations (7758, 7759)
796-799	Production Inspectors, Testers, Samplers, and Weighers
796	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783)
<b>7</b> 98	Production samplers and weighers (784)
<b>7</b> 99	Graders and sorters, except 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 (8212-8214)
805	not used
806	Driver-sales workers (8218)
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 (part 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  Italiat and winch operators (8314)
848	Hoist and winch operators (8314) Crane and tower operators (8315)
849	
850-852	not used Excavating and loading machine operators (8316)
853 854	not used
854 855	Grader, dozer, and scraper operators (8317)
855 856	Industrial truck and tractor equipment operators (8318)
856 857 858	not used
857-858 850	Miscellaneous material moving equipment operators (8319)
859 860 863	not used
860-863	Hot nood

Code	Occupations
864-889	HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS
864	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
865	Helpers, mechanics, and repairers (863)
866-868	Helpers, Construction, and Extractive Occupations
866	Helpers, construction trades (8641-8645, 8648)
867	Helpers, surveyor (8646)
868	Helpers, extractive occupations (865)
869	Construction laborers (871)
870-873	not used
874	Production helpers (861, 862)
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)
884	not used
885	Garage and service station related occupations (873)
886	not used
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 current labor force status is unemployed and whose last job was Armed Forces.

**V**.

# Detailed Occupation Recodes (01-46)

These codes correspond to the Item A-DTOCC located in positions 222-223 of the adults record layout in all months except March. In March, these codes are located in positions 0161-0162.

Detailed Occupation	Recode	Occupation Code
Administrators and Officials,		
Public Administration	01	003-006
Other Executive, Administrators, and Managers	02	007-022
Management Related Occupations	03	023-037
Engineers	04	044-059
Mathematical and Computer Scientists	05	064-068
Natural Scientists	06	069-083
Health Diagnosing Occupations	07	084-089
Health Assessment and Treating Occupations	08	095-106
Teachers, College and University	09	113-154
Teachers, Except College and University	10	155-159
Lawyers and Judges	11	178-179
Other Professional Specialty Occupations	12	043,063,
Onio: Troisessian specially observations		163-177,
		183-199
Health Technologists and Technicians	13	203-208
Engineering and Science Technicians	14	213-225
Technicians, Except Health	1.1	213 220
Engineering, and Science	15	226-235
Engineering, and belence	10	220 200
Supervisors and Proprietors,		
Sales Occupations	· 16	243
Sales Representatives, Finance,		
and Business Service	17	253-257
Sales Representatives, Commodities,		
Except Retail	18	258-259
Sales Workers, Retail and		
Personal Services	19	263-278
Sales Related Occupations	20	283-285
Supervisors - Administrative Support	21	303-307
Computer Equipment Operators	22	308-309
Secretaries, Stenographers, and Typists	23	313-315
Financial Records, Processing Occupations	24	337-344
Mail and Message Distributing	25	354-357
Other Administrative Support Occupations,		
Including Clerical	26	316-336,
Hickornia Cicrical		345-353,
		359-389
Private Household Service Occupations	27	403-407
Protective Service Occupations	28	413-427
	29	433-444
Food Service Occupations	30	445-447
Health Service Occupations	31	448-455
Cleaning and Building Service Occupations	32	456-469
Personal Service Occupations	32	150 107

Detailed Occupation	Recode	Occupation Code
Mechanics and Repairers	33	503-549
Construction Trades	34	553-599
Other Precision Production Occupations	35	613-699
Machine Operators and Tenders,		
Except Precision	36	703-779
Fabricators, Assemblers, Inspectors,		
and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations		
and Material Moving	39	823-859
Construction Laborer	40	869
Freight, Stock and Material Handlers	41	875-883
Other Handlers, Equipment Cleaners,		
and Laborers	42	864-868
		874, 885-889
Farm Operators and Managers	43	473-476
Farm Workers and Related Occupations	44	477-489
Forestry and Fishing Occupations	45	494-499
Armed Forces last job, currently unemployed	46	905

# Major Occupation Group Recodes (01-14)

These codes correspond to the Item A-MJOCC located in positions 220-221 of the adults record layout in all months except March. In March, these codes are located in positions 0159-0160.

Occupation Group	Recode	Occupation Code
Managerial and professional specialty occupations Executive, administrative, and managerial occupations Professional specialty occupations	01 02	003-037 043-199
Technical, sales, and administrative support occupations Technicians and related support occupations Sales occupations Administrative support occupations, including clerical	03 04 05	203-235 243-285 303-389
Service Occupations Private household occupations Protective service occupations Service occupations, except protective and household	06 07 08	403-407 413-427 433-469
Precision production, craft, and repair occupations	09	503-699
Opertiors, fabricators, and laborers Machine operators, assemblers, and inspectors Transportation and material moving equipment occupations Handlers, equipment cleaners, helpers, and laborers	10 11 12	703-799 803-859 864-889
Farming, forestry, and fishing occupations	13	473-499
Armed Forces last job, currently unemployed	· 14	905

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

CMSA/ MSA RANK	FIPS MSA/ PMSA	
<u>CODE</u>	CODE	CMSA/MSA TITLE
001		New York-New Jersey-Long Island, NY-NJ CMSA
002		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-Ŝan José, 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)
018		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	<b>6000</b>	Buffalo-Niagara Falls, NY CMSA
031	6920	Sacramento, CA MSA
032	3480	Indianapolis, IN MSA
033	7240	San Antonio, TX MSA
034	1500	Providence-Pawtucket-Fall River, RI-MA CMSA
035	1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
036	7160	Hartford-New Britian-Middletown, CT CMSA
037	7160	Salt Lake City-Ogden, UT MSA
030	6840	Rochester, NY MSA
039	5880 4520	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	<i>5</i> 360	Nashville, TN MSA

CODE   CODE   CMSA/MSA TITLE	CMSA/ MSA RANK	FIPS MSA/ PMSA	
Albany-Schenectady-Troy NY MSA		i de la companya de	CMSA/MSA TITLE
	045	3120	Greenboro-Winston Salem-High Point, NC MSA
Orlando, FL. MSA   Colombia   C	046	0160	Albany-Schenectady-Troy NY MSA
1949   6760	047	3320	
Counties and Colonial Heights, Hopewell, and Petersburg cities not in sample	048		Orlando, 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-Warten, OH MSA           068         4120         Las Vegas, NV MSA           069         8000         Springfield, MA MSA	049	6760	counties and Colonial Heights, Hopewell, and Petersburg cities not in
052         0560         Tulsa, OK MSA           053         8960         West Palm Beach-Boca Raton-Delray Beach, FL MSA           054         8160         Syracuse, NY MSA           055         0240         Allentown-Bethichem, 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 (Lowa 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           070         2320         El Paso, TX MSA           071         5480         New Haven-Meriden, CT MSA           0			Jacksonville, FL 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           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           071         5480         New Haven-Meriden, CT MSA           072         4400         Little Rock-North Little Rock, AR MSA           074         5160         Mobile, AL MSA (Baldwin			
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           071         5480         Knew Haven-Meriden, CT MSA           072         4400         Little Rock-North Little Rock, AR MSA           073         1440         Charleston, SC MSA           0			Tulsa, OK MSA
0555         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           071         2440         Little Rock-North Little Rock, AR MSA           072         4400         Little Rock-North Little Rock, AR MSA           073         1440         Mobile, AL MSA (Baldwin county not in sample)           075         0680         Bakersfield, CA			
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           066         0760         Baton Rouge, LA MSA           067         9320         Youngstown-Warren, OH MSA           068         4120         Las Vegas, NV MSA           069         8000         Springfield, MA MSA           071         5480         New Haven-Meriden, CT MSA           072         4400         Little Rock-North Little Rock, AR MSA           073         1440         Charleston, SC MSA           074         5160         Mobile, AL MSA (Baldwin county not in sample)           075 <td< td=""><td></td><td></td><td>Syracuse, NY MSA  PANIL MSA (New Jersey portion not identified)</td></td<>			Syracuse, NY MSA  PANIL MSA (New Jersey portion not identified)
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, AR MSA           073         1440         Charleston, SC MSA           074         5160         Mobile, AL MSA (Baldwin county not in sample)           075         0680         Bakersfield, CA MSA           076 <t< td=""><td></td><td></td><td></td></t<>			
658         8400         Toledo, ÔH 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           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, AR MSA           073         1440         Charleston, SC MSA           074         5160         Mobile, AL MSA (Baldwin county not in sample)           075         0680         Bakersfield, CA MSA           076 <td< td=""><td></td><td></td><td></td></td<>			
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, AR 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         Filin, MI MSA </td <td></td> <td></td> <td></td>			
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, AR 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			
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, AR 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           080         1760         Columbia, SC MSA           081         1560         Chattanooga, TN-GA MSA (Marion and Sequatchie counties			
062   3840			
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, AR 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           081         1560         Columbia, SC MSA           081         1560         Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee no			
Marrisonburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)   Comparison			
Sample   Sample   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, AR 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			sample)
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, AR 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 </td <td></td> <td></td> <td></td>			
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, AR 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			
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, AR 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 <td></td> <td></td> <td></td>			
070         2320         Él Paso, TX MSA           071         5480         New Haven-Meriden, CT MSA           072         4400         Little Rock-North Little Rock, AR 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-			
071         5480         New Haven-Meriden, CT MSA           072         4400         Little Rock-North Little Rock, AR 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           089         8120         Stockton, CA MSA           090         2120         Des Moines, IA MSA (Dailas count			
072         4400         Little Rock-North Little Rock, AR 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			
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         Lancast			
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,			
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			Mahila AT MSA (Raldwin county not in sample)
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			Polegrafield CA MSA
identified)  077			Inhagon City-Kingsport-Rejetal TN-VA MSA (Virginia partian not
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 (Dailas county not in sample)           091         4000         Lancaster, PA MSA           092         3560         Jackson, MS MSA           093         6120         Peoria, IL MSA			identified)
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 (Dailas county not in sample)           091         4000         Lancaster, PA MSA           092         3560         Jackson, MS MSA           093         6120         Peoria, IL 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			
Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee not in sample)  Saginaw-Bay City-Midland, MI MSA  Lansing-East Lansing, MI MSA  Worcester, MA MSA  Stockton, CA MSA  Stockton, CA MSA  Stockton, MSA  Stockson, MS MSA			
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 (Dailas county not in sample)         091       4000       Lancaster, PA MSA         092       3560       Jackson, MS MSA         093       6120       Peoria, IL MSA			Chattanooga, TN-GA MSA (Marion and Sequatchie counties
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 (Dailas county not in sample)         091       4000       Lancaster, PA MSA         092       3560       Jackson, MS MSA         093       6120       Peoria, IL MSA	082	6960	
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 (Dailas county not in sample)         091       4000       Lancaster, PA MSA         092       3560       Jackson, MS MSA         093       6120       Peoria, IL 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 (Dailas county not in sample)         091       4000       Lancaster, PA MSA         092       3560       Jackson, MS MSA         093       6120       Peoria, IL 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			
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 (Dailas county not in sample)         091       4000       Lancaster, PA MSA         092       3560       Jackson, MS MSA         093       6120       Peoria, IL MSA			
0881960Davenport-Rock Island-Moline, IA-IL MSA0898120Stockton, CA MSA0902120Des Moines, IA MSA (Dailas county not in sample)0914000Lancaster, PA MSA0923560Jackson, MS MSA0936120Peoria, 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			
090 2120 Des Moines, IA MSA (Dailas county not in sample) 091 4000 Lancaster, PA MSA 092 3560 Jackson, MS MSA 093 6120 Peoria, IL MSA			Stockton, CA MSA
091       4000       Lancaster, PA MSA         092       3560       Jackson, MS MSA         093       6120       Peoria, IL MSA			Des Moines, IA MSA (Dallas county not in sample)
092 3560 Jackson, MS MSA 093 6120 Peoria, IL MSA			
093 6120 Peoria, IL MSA			

CMSA/	FIPS	
MSA	MSA/	
RANK	PMSA	
<u>CODE</u>	<u>CODE</u>	CMSA/MSA TITLE
095	1880	Corpus Christi, TX MSA
096	<b>7</b> 680	Shreveport, LA MSA
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
102	4720	portions not identified)
102	4720 4880	Madison, WI MSA
103	4880 4200	McAllen-Edinburg-Mission, TX MSA
105	8680	Lexington-Fayette, KY MSA
106	<b>7480</b>	Utica-Rome, NY MSA
107	6680	Santa Barbara-Santa Maria-Lompoc, CA MSA
108	6080	Reading, PA MSA
109	7120	Pensacola, FL MBA
110	<b>49</b> 00	Salinas-Seaside-Monterey, CA MSA
111	0460	Melbourne-Titusville-Palm Bay, FL MSA
112	2020	Appleton-Oshkosh-Neenah, WI MSA
113	5170	Daytona Beach, FL MSA
115	5240	Modesto, CA MSA
116	2360	Montgomery, AL MSA Erie, PA MSA
117	6880	Rockford, IL MSA
118	<b>244</b> 0	
119	4600	Evansville, IN-KY MSA (Kentucky portion not identified) 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
148	8240	Tallahassee, FL MSA
149	6450	Portsmouth-Dover-Rochester, NH-ME MSA

CMSA/ MSA	FIPS MSA/	
RANK CODE	PMSA <u>CODE</u>	CMSA/MSA TITLE
CODE	CODE	•
150	6400	(Maine portion not entirely in sample and it is not identified) 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
158	9000	Wheeling, WV-OH MSA (Ohio portion not identified)
161	8000	Waco, TX MSA
163 164	3960 1360	Lake Charles, LA MSA 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, KS MSA (Central City portion only identified)
179 180	1620 5320	Chico, CA MSA
181	5320 4320	Muskegon, MI MSA 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
202 203	0400 4760	Anderson, IN MSA 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 7720	Williamsport, PA MSA Sioux City, IA-NE MSA (Nebraska portion not in sample)
226 231	7720 7760	Sioux Falls, SD MSA
233	2655	Florence, SC MSA
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, AR 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,

CMSA RANK CODE	PMSA RANK CODE	FIPS MSA PMSA CODE	PMSA TITLE
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
	08	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	11 <b>2</b> 0	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

CMSA RANK CODE	PMSA RANK <u>CODE</u>	FIPS MSA PMSA <u>CODE</u>	PMSA TITLE
010	01	1920	Dallas, TX
010	02	2800	Fort Worth-Arlington, TX
011	01	1680	Cleveland, OH
Ull	02	0080	Akron, OH
	03	4440	Lorain-Elyria, OH
012	01	5000	Miami-Hialeah, FL
012	02	2600	Fort Lauderdale-Hollywood-Pompano Beach, FL
013	01	6280	Pittsburgh, PA
013	02	0845	Reaver County, PA
014	01	7040	St, Louis, MO-IL (Illinois portion not identified)
018	01	7600	Seattle, WA
VIO	02	8200	Tacoma, WA
021	01	2080	Denver, CO
021	02	1125	Boulder-Longmont, CO
022	01	1640	Cincinnati, OH-KY-IN (Indiana portion not identified)
022	02	3200	Hamilton-Middletown, OH
024	01	5080	Milwaukee, WI
024	02	6600	Racine, WI
026	01	6440	Portland, OR
020	02	8725	Vancouver, WA
030	01	1200	Buffalo, NY
050	02	5700	Niagara Falls, NY
034	01	6400	Providence, RI
034	02	6060	Pawtuckett-Woonsocket-Attleboro, RI-MA (Rhode Island-Central City portion only identified)
036	01	3200	Hartford, CT
บอบ	02	5440	New Britain, CT
	02	•	•

LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)

CMSA/MSA RANK CODE (MSARANK)	PMSA RANK CODE	INDIVIDUAL CENTRAL CITY CITY CODE	
(MOXICAINE)	(PMSARANK	(CCCODE)	<u>CITY</u>
001	03	1	Newark, NJ
000		2	Elizabeth, NJ
002	01	1	Los Angeles, CA
		2 3	Long Beach, CA
		0	Pasadena, CA Others
	02	1	Anaheim, CA
	- <u>-</u>	$\overline{2}$	Santa Ana, CA
	03	1	Riverside, CA
0.00		0	Others
003	01	1	Chicago, IL
	00	0	Others
	02	1	Gary, IN
005	01	0 1	Others
000	VI	. 0	Oakland, CA Others
006	01	1	Detroit, MI
		ō	Others
007	01	1	Boston, MA
0.40		0	Others
010	01	1	Dallas, TX
	00	0	Others
	02	1	Fort Worth, TX
012	01	2 1	Arlington, TX
012	O1	0	Miami, FL Others
	02	1	Fort Lauderdale, FL
		Ô	Others
017	-	1	Minneapolis, MN
000		0	Others 1
020	-	1	Tampa, FL
023		0	Others
023	-	1 2	Phoenix, AZ
		0 .	Mesa, AZ Others
029	-	1	Norfolk, VA
			Virginia Beach, VA
		2 3	Newport News, VA
		4	Hampton, VA
045		0	Others
045	-	1	Greensboro, NC
046		0	Others
UTU	-	1 0	Albany, NY
060	-	1	Others Raleigh NC
		0	Raleigh, NC Others
069	-	1	Springfield, MA
		Ō	Others

LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK CODE	FIPS MSA/ PMSA CODE	MSA/PMSA TITLE
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-Neenaht, 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	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		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)
003	01	1600	Chicago, IL PMSA

CMSA/ MSA RANK	PMSA RANK	FIPS MSA/ PMSA	
CODE	CODE	CODE	MSA/PMSA TITLE
179 022	01	1620 1640	Chico, CA MSA 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	01	2020	Daytona Beach, FL MSA
021 090	01	2080	Denver, CO PMSA
006	01	2120	Des Moines, IA MSA (Dallas county not in sample)
125	01	2160	Detroit, MI PMSA
070		2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
116		2320 2360	El Paso, TX MSA
121		2400	Erie, PA MSA
118		2440	Eugene-Springfield, OR MSA 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
169 222		2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
097		2750 2760	Fort Walton Beach, FL MSA
010	02	2760	Fort Wayne, IN MSA
065	UZ.	2800	Fort Worth-Arlington, TX PMSA
247		2840 2880	Fresno, CA MSA
157		2900	Gadsden, AL MSA
008	02	2920	Galveston Toyon City TV DMCA
003	02	2960	Galveston-Texas City, TX PMSA 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

153   3350   Honolulu, HI MSA	CMSA/ MSA RANK CODE	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
101   3400				
101   3400				
(Kentucky and Ohio portions not identified)  3440 Huntsville, AL MSA  3520 3480 Indianapolis, IN MSA  3520 3560 Jackson, MS MSA  3600 3600 Jackson, MS MSA  3600 Johnstown, PA MSA		01		HOUSION, IA PMOA
3480	101			(Kentucky and Ohio portions not identified)
185	146			
				•
1				
101				
1076				Jacksonville, PL MSA
(Virginia portion not identified)  124		07		Jersey City, NJ FMSA
124	076		3660	(Vincinia partian not identified)
1003			<b>a</b> .coo	
207   3710				
142   3720		04		
3740				
140				
140				
1840   1840				
139   3880				
163   3960				
103   03   3965   Lake County, IL PMSA				
1999   3980		00		
191   4000   Lancaster, PA MSA   1400   Lansing-East Lansing, MI MSA   1400   Lansing-East Lansing, MI MSA   1400   Las Vegas, NV MSA   1400   Las Vegas, NV MSA   1400   Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)   Lawton, OK MSA   1500   Lawton, OK MSA   1510   Lawton, OK MSA   1511   Lawton, OK MSA   1511   Lawton, OK MSA   1511   Lawton, OK MSA   1511   Lawton, OK MSA   Lexington-Fayette, KY MSA   1511   Lawton, OK MSA   Lima, OH MSA   Lima, OH MSA   1511   Lawton, OK MSA   Lima, OH MSA   1511   Lawton, OK MSA   1512   Lawton, OK MSA   1513   Lawton, OK MSA   1514   Lawton, OK MSA   1515   Lawton, OK MSA   1516   Lawton, OK MSA   1516   Lawton, OK MSA   1516   Lawton, OK MSA   1516   Lawton, OK MSA   1517   Lawton, OK MSA   1518   Lawton, OK MSA   1519   Lawton, OK MSA   1510   La		03		
1083				
120				Lancing-Fast Lancing MI MSA
1007   02   4160   Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)				
Dortion not identified   Lawton, OK MSA   Lawton, OK MSA   Lawton, OK MSA   Lexington-Fayette, KY MSA   Lexington-Fayette, KY MSA   Lima, OH PMSA   Lima, OH MSA   Lima, OH		00		Lawrence Haverill MA-NH PMSA (New Hampshire
104	007	02		portion not identified)
181	219			
151	104			
1072	181			
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         Middlesses-WI BMSA	151			Lincoln, NE MSA
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	072			
138				Lorain-Elyria, OH PMSA
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         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		01		Los Angeles-Long Deach, CA FWISA
identified)  138				LOUISVIIIC, KI-IN MOA
119	007	04		identified)
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				Lubbock, TX 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 Mississispi portions not identified)         012       01       5000       Miami-Hialeah, FL PMSA         001       05       5015       Middlesex-Somerset-Hunterdon, NJ PMSA	119			
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	102			
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	203			
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	209			Mansileid, UH MSA
110 4900 Melbourne-Titusville-Palm Bay, FL MSA 042 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				
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				Melhourne Titurville Dalm Ray FI MSA
Mississippi portions not identified)  012 01 5000 Miami-Hialeah, FL PMSA  001 05 5015 Middlesex-Somerset-Hunterdon, NJ PMSA				Momphie TN-AD-MS MSA (Arkanese and
001 05 5015 Middlesex-Somerset-Hunterdon, NJ PMSA	042			Mississippi portions not identified)
TOO MILITARY WIT DINGA	012			Miami-Hialean, FL FMOA
024 01 5080 Milwaukee, WI PMSA	001			Middlesex-Somerset-Hunterdon, NJ Pivisa
	024	01	5080	Milwaukee, wi rivisa

CMSA/		FIPS	
MSA	PMSA	MSA/	
RANK	RANK	PMSA	
CODE	<u>CODE</u>	<u>CODE</u>	MSA/PMSA TITLE
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	00	5360	Nashville, TN MSA
001	02	5380	Nassau-Suffolk, NY PMSA
165	00	5400	New Bedford, MA MSA
036	02	5440	New Britain, CT PMSA
071 126		5480	New Haven-Meriden, CT MSA
126		5520	New London-Norwich, CT-RI MSA (Rhode Island
007		## co	portion suppressed)
027 001	0.1	5560	New Orleans, LA MSA
001	01	5600	New York, NY PMSA
030	03	5640 5700	Newark, NJ PMSA
029	02	5700	Niagara Falls, NY PMSA
029	10	5720 5760	Norfolk-Virginia Beach-Newport News, VA MSA
005	12	5760 5775	Norwalk, CT PMSA
184	01	5775 5700	Oakland, CA PMSA
039		5790	Ocala, FL MSA
197		5880 5010	Oklahoma City, OK MSA
059		5910 5020	Olympia, WA MSA
001	09	5920 5950	Omaha, NE-IA MSA (Iowa potion not identified)
048	09	5960	Orange County, NY PMSA
002	04	6000	Orlando, FL MSA
034	02	6060	Oxnard-Ventura, CA PMSA
	UL.		Pawtuckett-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	0.4	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
100			identified)
128 034	01	6460	Poughkeepsie, NY MSA
	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)

CMSA/		FIPS	
MSA	PMSA	MSA/	
RANK	RANK	PMSA	
<u>CODE</u>	<u>CODE</u>	CODE	MSA/PMSA TITLE
049		6760	Richmond-Petersburg, VA MSA
			(Dinwiddie and Prince George counties and
			Colonial Heights, Hopewell, and Petersburg
		r#00	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 Sacramento, CA MSA
031	٠	6920 6960	Saginaw-Bay City-Midland, MI MSA
082 014	01	7040	St, Louis, FL PMSA (Illinois portion not identified)
127	01	7080	Salem, OR MSA
007	03	7090 7090	Salem-Gloucester, MA PMSA
109	03	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
		= 4	in sample)
018	01	7600	Seattle, WA PMSA
211		7610	Sharon, PA MSA
096		7680	Shreveport, LA MSA (Nebraska portion not in
226		7720	Sioux Čity, IA-NE MSA (Nebraska portion not in
221		7760	sample) Sioux Falls, SD MSA
231		7760 7800	South Bend-Mishawaka, IN MSA
132 090		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
004 063	U.S	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
300	Ο,	0,20	4 t /

CMSA/		FIPS	
MSA	PMSA	MSA/	
RANK	RANK	<b>PMSA</b>	
<u>CODE</u>	CODE	CODE	MSA/PMSA TITLE
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, KŚ 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

# 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 (\$1,923.07 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	<b>\$</b> 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	<b>\$46</b> .90	74	\$25.98
9	None	42	\$45.78	75	\$25.64
10	None	43	\$44.72	76	\$25.30
11	None	44	<b>\$43.70</b>	77	\$24.97
12	None	45	\$42.73	78	\$24.65
13	None	46	<b>\$41.80</b>	79	\$24.34
14	None	47	<b>\$</b> 40.91	80	\$24.03
15	None	48	\$40.06	81	\$23.74
16	None	49	\$39.24	82	\$23.45
17	None	50	<b>\$</b> 38.46	83	<b>\$23.16</b>
18	None	51	<b>\$</b> 37.70	84	\$22.89
19	None	52	<b>\$</b> 36.98	85	\$22.62
20	\$96.15	53	\$36.28	86	\$22.36
21	\$91.57	54	<b>\$</b> 35.61	87	\$22.10
22	\$87.41	55	<b>\$</b> 34.96	88	<b>\$</b> 21.85
23	\$83.61	56	<b>\$</b> 34.34	89	<b>\$21.60</b>
24	\$80.12	57	\$33.73	90	\$21.36
25	\$76.92	58	\$33.15	91	\$21.13
26	\$73.96	59	<b>\$</b> 32.59	92	<b>\$</b> 20.90
27	\$71.22	60	<b>\$</b> 32.05	93	\$20.67
28	\$68.68	61	\$31.52	94	\$20.45
29	\$66.31	62	<b>\$</b> 31.01	95	\$20.24
30	\$64.10	63	\$30.52	96	\$20.03
31	\$62.03	64	<b>\$</b> 30.04	97	\$19.82
32	\$60.09	65	\$29.58	98	\$19.62
33	<b>\$</b> 58.27	66	<b>\$29.13</b>	99	\$19.42

# SOURCE AND ACCURACY STATEMENT FOR THE OCTOBER 1993 SCHOOL ENROLLMENT MICRODATA FILE

#### SOURCE OF DATA

The data in this microdata file come from the October 1993 Current Population Survey (CPS). The Bureau of the Census conducts the survey every month, although this file uses only October data for its estimates. The October survey uses two sets of questions, the basic CPS and the supplement.

<u>Basic CPS.</u> The basic CPS collects primarily labor force data about the civilian noninstitutional population. Interviewers ask questions concerning labor force participation about each member 15 years old and over in every sample household.

The present CPS sample was selected from the 1980 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. It is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions. About 60,000 occupied households are eligible for interview every month. Interviewers are unable to obtain interviews at about 2,600 of these units because the occupants are not home after repeated calls or are unavailable for some other reason.

Since the introduction of the CPS, the Bureau of the Census has redesigned the CPS sample several times to improve the quality and reliability of the data and to satisfy changing data needs. The most recent changes were completely implemented in July 1985.

October Supplement. In addition to the basic CPS questions, interviewers asked supplementary questions in October about school enrollment for all household members 3 years old and over.

Estimation Procedure. This survey's estimation procedure inflates weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, sex, race and Hispanic/non-Hispanic categories. These independent estimates are based on statistics from decennial censuses of population; statistics on births, deaths, immigration and emigration; and statistics on the size of the Armed Forces. The independent population estimates include some, but not all, undocumented immigrants. The independent population estimates used for this microdata file were based on updates to controls established by the 1980 Decennial Census. For more details on the change in independent estimates, see the section entitled "Introduction of 1980 Census Population Controls" in an earlier report (Series P-60, No.133).

#### **ACCURACY OF THE ESTIMATES**

Since the CPS estimates come from a sample, they may differ from figures from a complete census using the same questionnaires, instructions, and enumerators. A sample survey estimate has two possible types of errors: sampling and nonsampling. The accuracy of an estimate depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, one should be particularly careful when interpreting results based on a relatively small number of cases or on small differences between estimates. The standard errors for CPS estimates primarily indicate the magnitude of sampling error. They also partially measure the effect of some nonsampling errors in responses and enumeration, but do not measure systematic biases in the data. (Bias is the average over all possible samples of the differences between the sample estimates and the desired value.)

Nonsampling Variability. There are several sources of nonsampling errors including the following:

- Inability to obtain information about all cases in the sample.
- Definitional difficulties.
- Differences in the interpretation of questions.
- Respondents' inability or unwillingness to provide correct information.
- Respondents' inability to recall information.
- Errors made in data collection such as in recording or coding the data.
- Errors made in processing the data.
- Errors made in estimating values for missing data.
- Failure to represent all units with the sample (undercoverage).

CPS undercoverage results from missed housing units and missed persons within sample households. Compared to the level of the 1980 Decennial Census, overall CPS undercoverage is about 7 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races combined than for Whites. As described previously, ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to 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-sex-race-Hispanic group. Furthermore, the independent population controls have not been adjusted for undercoverage in the 1980 census.

A common measure of survey coverage is the coverage ratio, the estimated population before ratio adjustment divided by the independent population control. Table 1 shows CPS coverage ratios for age-sex-race groups for a recent month. The CPS coverage ratios can exhibit some variability from month to month, but these are a typical set of coverage ratios. Other Census Bureau household surveys experience similar coverage.

Table 1. CPS Coverage Ratios

	Non-Black		Bla	Black		All Persons		
Age	M	F	M	F	M	F	Total	
0-14	0.948	0.960	0.913	0.930	0.943	0.955	0.949	
15	0.953	0.986	0.975	1.025	0.956	0.993	0.974	
16	0.877	0.997	0.886	0.963	0.879	0.991	0.934	
17	0.958	0.956	0.860	0.932	0.942	0.952	0.947	
18	0.950	0.958	0.931	0.692	0.947	0.916	0.931	
19	0.882	0.953	0.773	0.740	0.866	0.920	0.893	
20-24	0.889	0.918	0.645	0.820	0.856	0.904	0.881	
25-26	0.867	0.964	0.687	0.820	0.844	0.943	0.894	
27-29	0.919	0.941	0.700	0.834	0.892	0.926	0.909	
30-34	0.884	0.947	0.667	0.865	0.859	0.936	0.898	
35-39	0.892	0.936	0.693	0.928	0.871	0.935	0.903	
40-44	0.895	0.933	0.781	0.889	0.884	0.928	0.906	
45-49	0.933	0.955	0.842	0.938	0.925	0.953	0.939	
50-54	0.953	0.958	0.845	0.869	0.942	0.948	0.945	
55-59	0.918	0.905	0.797	0.906	0.906	0.905	0.905	
60-62	0.926	0.874	0.702	0.779	0.904	0.864	0.883	
63-64	0.851	0.960	0.814	0.944	0.848	0.959	0.906	
65-67	0.891	0.945	0.785	0.991	0.881	0.950	0.918	
68-69	0.876	0.986	0.741	0.810	0.864	0.970	0.922	
70-74	0.955	1.020	0.866	0.949	0.948	1.014	0.985	
75-99	0.983	1.019	0.713	0.861	0.962	1.006	0.990	
15+	0.911	0.951	0.752	0.877	0.893	0.942	0.919	
0+	0.919	0.953	0.802	0.891	0.905	0.945	0.926	

These coverage ratios are for May 1993.

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.

Comparability of Data. Data obtained from the CPS and other sources are not entirely comparable. This results from differences in interviewer training and experience and in differing survey processes. This is an example of nonsampling variability not reflected in the standard errors. Use caution when comparing results from different sources.

Caution should also be used when comparing estimates in this microdata file, which reflect 1980 census-based population controls, with estimates for 1980 and earlier years, which reflect 1970 census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage 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 years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Since no independent population control totals for persons of Hispanic origin were used before 1985, compare Hispanic estimates over time cautiously.

Note When Using Small Estimates. Because of the large standard errors involved, summary measures (such as medians and percentage distributions) would probably not reveal useful information when computed on a smaller base than 75,000.

Take care 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.

<u>Sampling Variability.</u> Sampling variability is variation that occurred by chance because a sample was surveyed rather than the entire population. Standard errors, as calculated by methods described later in "<u>Standard Errors and Their Use</u>," are primarily measures of sampling variability, although they may include some nonsampling error.

Standard Errors and Their Use. A number of approximations are required to derive, at a moderate cost, standard errors applicable to all the estimates in this microdata file. Instead of providing an individual standard error for each estimate, parameters are provided to calculate standard errors for various types of characteristics. These parameters are listed in Table 2.

The sample estimate and its standard error enable one to construct a confidence interval, a range that would include the average result of all possible samples with a known probability. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645

standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples. However, one can say with specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. One common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of males 18 to 24 years old enrolled in college to the percentage of females in the same age group enrolled in college.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. To conclude that two parameters are different at the 0.10 level of significance the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical testbooks for alternative criteria.

<u>Standard Errors of Estimated Numbers</u>. The approximate standard error,  $s_x$ , of an estimated number from this microdata file can be obtained using the formula

$$s_{x} = \sqrt{-\left(\frac{b}{T}\right)x^{2} + bx} \tag{1}$$

Here x is the size of the estimate, T is the total number of persons in a specific age group and b is the parameter in Table 2 associated with the particular type of characteristic. If T is not known, for Total or White use 100,000,000; for Blacks and Hispanic use 10,000,000. When calculating standard errors for numbers from cross-tabulations involving different characteristics, use the set of parameters for the characteristic which will give the largest standard error.

#### <u>Illustration</u>

Suppose there were 3,292,000 3 and 4 year olds enrolled in school and 7,415,000 children in that age group in October 1993. Use the appropriate b parameter from Table 2 and formula (1) to get

Number, x	3,292,000
Total, T	7,415,000
b parameter	2,882
Standard error	73,000
90% conf. int.	3,172,000 to 3,412,000

The standard error is calculated as

$$s_x = \sqrt{-\frac{2,882}{7,415,000} \times 3,292,000^2 + 2,882 \times 3,292,000} = 73,000$$

The 90-percent confidence interval for this estimate is from 3,172,000 to 3,412,000, i.e.,  $3,292,000 \pm 1.645 \times 73,000$ . Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on the size of the percentage and its base. 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 parameter from Table 2 indicated by the numerator.

The approximate standard error,  $s_{x,p}$ , of an estimated percentage can be obtained by use of the formula

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

Here x is the total number of persons, families, households, or unrelated individuals in the base of the percentage, p is the percentage ( $0 \le p \le 100$ ), and b is the parameter in Table 2 associated with the characteristic in the numerator of the percentage.

#### Illustration

Suppose there were 14,247,000 persons aged 18 to 21, and that 40.6 percent were enrolled in college. Use the appropriate parameter from Table 2 and formula (2) to get

Percentage, p	40.6
Base, x	14,247,000
b parameter	2,532
Standard error	0.7
90% conf. int.	39.4 to 41.8

The standard error is calculated as

$$s_{x,p} = \sqrt{\frac{2,532}{14,247,000}} \times 40.6 \times (100.0 - 40.6) = 0.7$$

The 90-percent confidence interval for the estimated percentage of persons aged 18 to 21 in 1993 enrolled in college is from 39.4 to 41.8 percent, i.e.,  $40.6 \pm 1.645 \times 0.7$ .

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

$$S_{x-y} = \sqrt{S_x^2 + S_y^2}$$
 (3)

where  $s_x$  and  $s_y$  are the standard errors of the estimates, x and y. The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

### **Illustration**

Suppose 40.1 percent of 6,993,000 males 18 to 21 years old were enrolled in college in October 1993 and 41.1 percent of 7,254,000 females of the same age group, were enrolled in college. Use the appropriate parameters from Table 2 and formulas (2) and (3) to get

	x	у	difference
Percentage	40.1	41.1	1.0
Base	6,993,000	7,254,000	•
b parameter	2,532	2,532	
Standard error	0.9	0.9	1.3
90% conf. int.	38.6 to 41.6	39.6 to 42.6	- 1.1 to 3.1

The standard error of the estimated difference of 1.0 percent is about

$$s_{x-y} = \sqrt{0.9^2 + 0.9^2} = 1.3$$

The 90-percent confidence interval around the difference is from -1.1 to 3.1 percent, i.e.,  $1.0 \pm 1.645 \times 1.3$ . Since the interval does contain zero, we can not conclude with 90-percent confidence that the proportion of females aged 18 to 21 enrolled in college is greater than that for males.

Table 3. 1993 Standard Error Parameters for School Enrollment

Characteristics	Total or White b	Black b	Hispanic b
Persons Enrolled in School:			
Total	2,532	3,425	5,772
Children 13 and under	2,882	2,882	2,882
Marital Status	4,786	6,865	11,570
Household Characteristics: Head, Wife, or Primary Individual	1,899	1,716	2,892
Child or Other Relative in Primary Family, Secondary Family Member	4,786	6,865	11,570
Income, Earnings	2,485	2,485	2,234
Employment Status, Occupation:	4 405	0.405	2 224
Both Sexes	2,485	2,485	2,234
Male	2,150	2,150	2,150
Female	1,843	1,843	1,843

Notes: The b parameters should be multiplied by 1.5 for nonmetropolitan residence categories.

The b parameters should be multiplied by 1.91 for farm characteristics.

The b parameters should be multiplied by the factors in Table 3 for regional data.

Table 3. Regional Factors to Apply to 1993 b Parameters

Type of Characteristic	factor		
U. S. Totals:	1.00		
Regions:			
Northeast	0.74		
Midwest	0.98		
South	1.04		
West	1.06		

#### **User Notes**

This section will contain information relevant to the Current Population Survey, October 1993: School Enrollment 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 purchased their file (or technical documentation) from the Census Bureau.

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