CURRENT POPULATION SURVEY, OCTOBER 1993: SCHOOL ENROLLMENT

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

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Attachment 4	Glossary
Attachment 5	How to Use the Data Dictionary
Attachment 6	Current Population Survey Adult's Interview Data Dictionary
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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.

ATTACHMENT 1

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.

^{1.} 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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ATTACHMENT 2

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

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 198	82 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 E	Data (000's)		
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

ATTACHMENT 3

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.

ATTACHMENT 4

GLOSSARY

Subject Concepts

Age. Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 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, Mexicano, 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	
4 · ·	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 Burcau 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), ¹ 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

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

SOUTH REGION

East South Central Division

West South Central Division

Alabama Kentucky Mississippi Tennessee Arkansas Louisiana Oklahoma Texas

South Atlantic Division

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

ATTACHMENT 5

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
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
          -1 .Blank
                                                      A-WANT JB (I-24C)=1 or 2
          1 .Sunday
                                                              -1 .Not in universe
          2 . Monday
          3 .Tuesday
                                                               2 .Maybe-it depends
           4 .Wednesday
                                                               3 .No
           5 .Thursday
                                                               4 .Don't know
           6 .Friday
                                                         Item 24D - What are the reasons
             .Saturday
                                                          .. is not looking for work
             .After interview
                                                         (Multiple entries possible)
             .week
                                                    D A-WHYNL1
                                                         Believes no work available
                                                              -1 .Not in universe
                                                    ν
                                                               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
•	"	COL.	14
DESCRIPTION	Value description	COL.	15-46

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

ATTACHMENT 6

Current Population Survey Adult's Interview Data Dictionary

```
SIZE BEGIN
DATA
            SIZE BEGIN
                                                                 DATA
D H$PAD1
              1
                     1
                                                                  D H-FARM
                                                                               1
                                                                       Farm defin - edited using urban/rural
D H$PAD2
                                                                       code
                                                                  UALL
D H-MONTH
              2
                                                                       From MST and CPS-1 Items 5A and 58
    Month of survey
UALL
                                                                              1 .Nonfarm
       01-12 .Month
                                                                              Z .Farm
                                                                  D H-TYPINT 1 12
D H-YEAR
              1
                                                                       Item 13 - Type interview
    Year of survey - last digit
                                                                  UALL
U ALL
         0-9 .Last digit of year
                                                                             -1 .Blank or impossible
                                                                              1 .Noninterview
D H-HHNUM
                                                                              2 .Personal
                                                                             3 .Tel. - regular
4 .Tel. - callback
     Household number
UALL
                                                                              5 .ICR filled
          -1 .Blank
         1-8 . Household number
٧
                                                                       RESPNM 1 13
Item 12 - Line no. HHLD resp.
                                                                  D H-RESPNM
    CPSCHK 1 7
Item 1 - Interviewer check item
D H-CPSCHK
                                                                  UALL
UALL
                                                                             -1 .Blank or impossible
          -1 .Blank
                                                                            1-6 .Line no.
           1 .Only CPS-1 for household
                                                                              7 .Non HHLD resp.
٧
           2 .First CPS-1 of continuation
             .household
                                                                  D H-AREASN
                                                                       Item 14 - Reason for type A
           3 .Second CPS-1 of continuation
٧
             .household
                                                                    H-HHTYPE=2
                                                                             -1 .Not in universe
           4 .Third, fourth, etc. CPS-1
                                                                              1 .No one home
D H-DAYCMP
                                                                              2 .Temporarily absent
    Day interview complete
                                                                              3 .Refused
                                                                              4 .Other - occ.
          -1 .Blank
٧
٧
                                                                  D H-ARACE
           1 .Sunday
                                                                       Item 14 - Race for type A
           2 .Monday
                                                                  U H-HHTYPE=2
           3 .Tuesday
                                                                             -1 .Not in universe
           4 . Wednesday
                                                                              1 .White
           5 .Thursday
                                                                  ٧
۷
                                                                  v
           6 .Friday
                                                                              2 .Black
           7 .Saturday
                                                                              3 .Other
           8 .After interview week
                                                                       TYPEBC 2 16
Item 15 - Type B/C
                                                                  D H-TYPEBC
     .IVQRT 2 9
Item 4 - Type of living quarters
D H-LIVQRT
                                                                  U H-HHTYPE=3
                                                                            -1 .Not in universe
     (Recode)
U ALL
                                                                       Type B
                                                                             01 .Vacant - regular
     Housing unit
          01 .House, apt., flat
02 .HU in nontransient hotel, etc.
                                                                             02 .Vacant - storage of HHLD
                                                                                .furniture
                                                                             03 .Temp occ. by persons with URE
          03 .HU, perm., in trans. hotel,
                                                                             04 .Unfit or to be demolished
٧
             .motel etc.
          04 .HU in rooming house
                                                                             05 .Under construction, not ready
          05 .Mobile home or trailer with
                                                                             06 .Converted to temp. business
                                                                               .or storage
             .no permanent room added
                                                                             07 .Occ. by AF members or persons
          06 .Mobile home or trailer with 1
          .or more perm. rooms added 07 .HU not specified above
                                                                                .under 15
٧
                                                                             08 .Unocc. tent or trailer site
                                                                             09 .Permit granted, construction not
     Other unit
                                                                               .started
          08 .Qtrs not HU in rooming or
                                                                             10 .Other
             .boarding house
                                                                       Type C
          09 .Unit not perm. in trans. hotel,
                                                                             11 .Demolished
             .motel, etc.
          10 .Tent or trailer site
                                                                             12 .House or trailer moved
                                                                             13 .Outside segment
          11 .Student quarters in college
              .dormi tory
                                                                             14 .Converted to perm. business or
          12 .Other not HU
                                                                                .storage
```

DATA	SIZE BEGIN	DATA	SIZE BEGIN
٧	15 .Merged	D H-TEN	URE 1 25
Ÿ	16 .Condemned		nure
٧	17 .Built after April 1, 1980	U Ali	
٧	18 .Unused line of listing sheet	V	-1 .Not in universe
V	19 _Other	V	1 .Owned or being bought
	4 40	V ·	2 .Rent 3 .No cash rent
D H-SE		٧ .	3 .NO Cash Tent
_	tem 16 - Seasonal status PEBC=1-3	D H-FAM	IINC 2 26
V N-11	-1 .Not in universe		mily income
v	1 .Year round		te: If a nonfamily household
Ÿ	2 .By migratory workers	(H	-FAMIND=0), income includes only
٧	3 .Seasonally		at of householder.
		U All	4 Note to ominoppe
D H-OC		V	-1 .Not in universe
-	tem 17 - This unit is intended for	V V	0 .Less than \$5,000 1 .\$5,000 to \$7,499
	ccupancy	v	2 .\$7,500 to \$9,999
U H-SE	ASON=2 or 3 and H-L1V9RT=1-7 -1 .Not in universe	v	3 .\$10,000 to \$12,499
V	1 .Summers only	v	4 .\$12,500 to \$14,999
v	2 .Winters only	v	5 .\$15,000 to \$19,999
v	3 .Other	v	6 .\$20,000 to \$24,999
•	,	V	7 .\$25,000 to \$29,999
D H-IN		٧	8 .\$30,000 to \$34,999
	nterviewer code	V	9 .\$35,000 to \$39,999
	lank or impossible in any digit	V	10 .\$40,000 to \$49,999
	nterviewer code A00-M99 excluding IXX	V V	11 .\$50,000 to \$59,000 12 .\$60,000 to \$74,999
V V	-1 .Blank 00 .A -	v	13 .\$75,000 and Over
v	00 .A 01 .B	v	19 .Not answered
v	02 .C	•	
v	03 .D	D H-TEL	.HHD 1 28
v	04 .E	Te	elephone in household
V	05 .F	U All ((March, July, Nov. only)
٧	06 .G	V	-1 .Not in universe (noninterview)
. V	07 .H	v 	1 -Yes
V	08 .J	V	2 .No
V	09 .K	D H-TEI	LAVL 1 29
V	10 .L 11 .M		elephone available
v	12 .N	U H-TÉI	LHHD=2 (March, July, Nov. only)
v	13 .P	V	-1 .Not in universe
Ÿ	14 .Q	٧	1 .Yes
V	15 .R	V	2 .No
V	16 .S		
٧	17 .T		LINT 1 30
V	18 .U		elephone interview acceptable
V V	19 .V 20 .u		LHHD=1 or H-TELAVL=1 (March, July, only)
v	21 .X	٧	-1 .Not in universe
v	22 .Y	v ·	1 .Yes
v	23 .2	ν	2 .No
	ITRV2 1 22		SCHT 1 31
	Interviewer Code - digit 2		tem 30 - Number of contacts - actual nd attempted personal
V	-1 .Blank		nd attempted personat h, July, Nov. only
٧	0-9 .Intervi e wer code digit 2	V	-1 .Blank
D H-11	NTRV3 1 23	v	1-6 .# of personal contacts
	Interviewer Code - digit 3	v	.(6 = 6+)
v	-1 _Blank		•
v	0-9 .Interviewer code digit 3		LCNT_ 1 32
			tem 30 - Number of contacts - actual
	ratus 1 24		nd attempted telephone
	Item 27B - HHLD status change -		h, July, Nov. only -1 .Blank
	replacement household	v	1-9 .# of telephone contacts
U All V	-1 .Blank	V V	.(9 = 9+)
v	1 .Yes	•	• • • •
v	2 .No		
•	= 		

```
SIZE BEGIN
                                                           DATA
                                                                      SIZE BEGIN
DATA
                                                            озасин-и с
D H-TIMINT
    TIMINT 1 33
Item 31 - Time of interview
                                                                         2
                                                                              42
                                                                 Householder sequence number
U March, July, Nov. only
                                                                 (reference person)
         -1 .Blank
                                                                 (Will be first adult record for
          1 .Midnight to 6 A.M.
                                                                 group quarters)
                                                            U H-HHTYPE=1
          2 .6 to 9 A.M.
                                                                    00 .Not in universe
          3 .9 A.m. to noon
          4 .Noon to 3 P.M.
                                                            v
                                                                   01-39 .Sequence number
          5 .3 to 6 P.M.
          6 .6 to 9 P.M.
                                                            D H-MSTIND
                                                                       5
          7 .9 P.M. to midnight
                                                                 Master segment tape index
                                                                 Unique segment identifer
*********
* Household recodes *
                                                            D H-HHWGT
                                                                         9
                                                                              49
                                                                 Household weight (2 implied
                                                                 decimal places)
                                                                 Final household weight equivalent to
D H-HHTYPE
            1
Type of household
U All
                                                                 the weight of the wife in husband-wife
                                                                 households and the reference person
          1 .Interview
                                                                 in all other households
          2 .Type A non-interview
                                                            ************
          3 .Type B/C non-interview
                                                               Allocation flags
                                                            ***********
D H-MIS
    Month in sample
                                                            D H%TENURE
                                                                               58
UALL
                                                                      0 .No change
        1-8 .Month in sample
                                                                       1 .Value to blank
D H-NUMPER
           2
                                                                      4 .Allocated
                  36
    Number of persons in household
                                                            D H%FAMINC
                                                                               59
                                                                      0 .No change
         00 .Noninterview household
       1-39 .Number of persons in HHLD
                                                                      2 .Blank to value
                                                                       6 .Refusal to value, allocated,
D H-TYPE
                                                                         .no error
            1
    Household type
U ALL
                                                            D H%ARACE
                                                                      0 .No change
          0 .Non-interview household
          1 .Husband/wife primary family
                                                                       1 .Value to blank
                                                            ٧
            .(neither husband or wife in
                                                                       4 .Allocated
             .Armed Forces)
          2 .Husband/wife primary family
                                                            D H%CPSCHK
                                                                      0 .No change
            .(husband and/or wife in armed
                                                                       2 .Blank to value
            .forces)
          3 .Unmarried civilian male
            .primary family householder
                                                            D H%DAYCMP
                                                                      0 .No change
          4 .Unmarried civilian female
            .primary family householder
                                                                       2 .Blank to value
          5 Primary family household -
            .reference person in
                                                            D HXHHNUM
                                                                       0 .No change
             .Armed Forces and unmarried
          6 .Civilian male primary
                                                                       2 .Blank to value
                                                                       8 .Blank to NA - error
          .individual
7 .Civilian female primary
             .individual
                                                            D H%INTRV
          8 .Primary individual household -
                                                                       0 .No change
                                                                       2 .Blank to value
            .reference person in Armed Forces
          9 .Group quarters
                                                            D H%LIVORT
                                                                       0 No change
D H-TYPERP
                  39
    Type of reference person
                                                                       4 .Allocated
                                                                       7 .Blank to NA - no error
U H-HHTYPE=1
          0 .Not in universe
٧
          1 .Civilian
                                                            D H%OCCINT
v
                                                                      0 No change
          2 .Armed Forces
٧
          3 .Group quarters
                                                            ν
                                                                       1 .Value to blank
                                                                       4 .Allocated
D H-NUMFAM 2 40
    Number of families in HHLD
                                                            D H%RESPNM
                                                                      0 .No change
U H-HHTYPE=1
        00 .Not in universe
                                                                       2 .Blank to value
```

00-39 .Number of families

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

DATA SIZE BEGIN	DATA SIZE BEGIN
D HG-MSAC 4 86	V 8 .Other Relative of Reference
MSA or PMSA FIPS code	V .person
V 0000 .Not MSA/PMSA, not identified	y 9 .Non-relative of reference
V 0040-9340 .MST/PMSA code	v .person with own relatives in HHLD
(See Geographic Appendix)	y 10 .Non-relative of reference
(000 0002)	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
	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	Item 18D - Age
V 001-252 Ranking of MSAs or CMSAs by	U ALL
V .population	V 15-90 .Adult age (Age topcoded
(See Geographic Appendix)	V .at 90)
D HG-MSSZ 2 95	D A-MARITL 1 122
MSA size	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 present
v 2 .100,000 - 249,999	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
v 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 married
2 112 2112	D 4 CDC/ICC 2 127
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
5 11 11 TO 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V 01-39 .Spouse's line number
D H-METSTA 1 99	D A-SEX 1 125
V 1 .Metropolitan	- 11
V 2 Nonmetropolitan	Item 18G - Sex U All
V 3 Not identified	V 1.Male
D H-INDVCC 1 100	V 2.Female
— · · · · · · · · · · · · · · · · · · ·	Y E , remate
Individual central city identifier	D A-VET 1 126
(See Geographic Appendix)	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
V 5 .Childrens record	V 5 .Other service
	V 6 .Nonveteran
D H-ID 12 102	
Unique household identifer	D A-HGA 2 127
•	Item 18H - Educational attainment
D A-LINENO 2 114	U All
Item 18A - Line number	V 00 .None
U ALL	V 31 .Less than 1st grade
V 01-39 .Line number	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 18B - 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.
Vrelatives 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.

DATA SIZE BEGIN	DATA SIZE BEGIN
V 44 .Master's degree-MA, MS, MBA,	v 6 .Could find only part time work
V . etc.	V 7.Holiday
V 45 .Professional school degree-MD,	V 8 .Labor dispute
V .DDS, DVM, etc.	V 9 .Bad weather
V 46 .Doctorate degree-PhD, EdD, etc.	v 10 .0wn 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 y 14 .Full-time work weeks < 35 hrs
Item 18J - Race U All	V 15 .Other
V 1.White	t is totaler
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
	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 V 1 .Working	¥ 2 .no
V 1 Working V 2 With job but not at work	D A-OVRTIM 1 140
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 (1-200)=2
V 6 .Unable to work	V -1 .Not in universe
V 7 .Retired	V 1 .Yes
V 8 .Other	V 2.No
	D 4 100400 4 4/4
D A-ANYWK 1 132	D A-JOBABS 1 141 Item 21 - Did have a job or
Item 20 - Did do any work at	business from which he/she was
all last week, not counting work around the house	temporarily absent or on layoff
U A-MAJACT (I-19)=2,3,4,5,7 or 8 (NE 1,6)	last week
. V -1 .Not in universe	U A-ANYWK (1-20)=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 work last week
U A-MAJACT (I-19)=1 or A-ANYWK (I-20)=Yes V -1 .Not in universe	U A-JOBABS (I-21)=1
V 00:99 Number of hours	V -1 .Not in universe
TOURS OF HOURS	V 1 .Own 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 (I-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 3 .35-48	V 7 .Indefinite layoff (30 days or
▼ J.JJ*90	v .more)
D A-USLFT 1 136	V 8 .Other
U A-HRSCHK (I-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
job (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	
job (Part 2)	D A-FTABS 1 144
U A-HRSCHK (1-20B)=2	Item 21C - Does usually work 35
V -1 .Not in universe	hours or more a week at this job
V 1 .Slack 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
V 4 .New job started during week	V 2.No
V 5 .Job terminated during week	

```
SIZE BEGIN
          SIZE BEGIN
                                                               DATA
DATA
     KWK 1 145
Item 22 - Has ... been looking for
                                                                      JKSLK 2 154

Item 22C - 1) How many weeks has ...
been looking for work 2) how many
                                                                D A-WKSLK
D A-LKWK
     work during the past 4 weeks
                                                                      weeks ago did ... start looking
U A-JOBABS (I-21)=2
                                                                      3) how many weeks ago was ...
      -1 .Not in universe
                                                                      laid off
          1 .Yes
                                                                 U A-WHYLK (I-22B)=ENTRY or A-WHYABS
           2 .No
                                                                  (1-21A)=6 or 7
**********
                                                                          -1 .Not in universe
     Item 22A - What has ... been doing in * the last 4 weeks to find work *
                                                                        00-99 .Entry
                                                                      .KFTPT 1 156
Item 22D - Has ... been looking for
                                                                 D A-LKFTPT
     Method use - Multiple entries possible*
***********
                                                                full-time or part-time work
U Same as A-WKSLK (I-22C)
D A-MTHD1
             1 146
                                                                         -1 .Not in universe
     Checked with public employment agency
                                                                           1 .Full-time
U A-LKWK (1-22)=1
       -1 .Not in universe
                                                                 ٧
                                                                           2 .Part-time
          1 .Entry
                                                                      AVAIL 1 157
Item 22E1 - Could ... have taken a
                                                                 D A-AVAIL
                  147
    Checked with private employment agency
                                                                      job if one had been offered
                                                                 U Same as A-WKSLK (I-22C)
U A-LKWK (1-22)=1
     -1 .Not in universe
                                                                        -1 .Not in universe 1 .Yes
          1 .Entry
                                                                 ٧
                                                                           2 .No
D A-MTHD3
                   148
    Checked with employer directly
                                                                 D A-WHYNA
                                                                      Item 22E2 - Why not
U A-LKWK (1-22)=1
     -1 .Not in universe
1 .Entry
                                                                 U A-AVAIL (I-22E1)=2
                                                                          -1 .Not in universe
                                                                           1 .Already has a job
D A-MTHD4
                                                                            2 .Temporary illness
                                                                           3 .Going to school
4 .Other
    Checked with friends or relatives
U A-LKWK (1-22)=1
       -1 .Not in universe
           1 .Entry
                                                                 D A-WHENLJ
                                                                                   159
                                                                      Item 22F - When did ... last work at a
                                                                      full-time job or business lasting 2
D A-MTHD5
            1 150
                                                                 consecutive weeks or more U Same as A-WKSLK (1-22C)
    Placed or answered ads
U A-LKWK (1-22)=1
                                                                           -1 .Not in universe
       -1 .Not in universe
                                                                           1 .In last 12 months
          1 .Entry
                                                                           2 .1-5 years ago
                                                                           3 .More than 5 years ago
D A-MTHD6
                                                                           4 .Never worked full time 2
    Nothing
U A-LKWK (I-22)=1
                                                                              .weeks or more
     -1 .Not in universe
1 .Entry
                                                                           5 .Never worked at all
                                                                A-IND 3 160
Item 23B - Industry
U A-CLSWKR=1-7
V
D A-MTHD7
              1
                   152
    Other
                                                                          -1 .Not in universe
U A-LKWK (1-22)=1
         -1 .Not in universe
                                                                          000 .Old not in universe
                                                                      002-992 .Legal code
          1 .Entry
                                                                 ***********
D A-WHYLK
     Item 22B - Why did ... start looking
                                                                 * See industry and occupation code
* appendix for list of legal codes
     for work was it because ..
U A-LKWK (I-22)=1 or A-WHYABS (I-21A)=5
          -1 .Not in universe
          1 .Lost job
                                                                                   163
                                                                      Item 23C - Occupation
          2 .Quit job
                                                                 U A-CLSWKR=1-7
          3 .Left school
                                                                     -1 .Not in universe
           4 .Wanted temporary work
          5 .Change in home or family
                                                                          000 .Old not in universe
            .responsibilities
                                                                 V 003:993 .Legal code
           6 .Left military service 7 .Other
```

```
SIZE BEGIN
                                                               DATA
           SIZE BEGIN
                                                                              ------
    CLSWKR 1 166
Item 23E - Class of worker
D A-CLSWKR
                                                                * Item24D - What are the reasons ... is *
                                                                    not looking for work
U A-LFSR=1-4 or A-LFSR=5-7 and A-NLFROT=2
                                                                    (Multiple entries possible)
 and A-NLFLJ=1-5
        -1 .Not in universe
٧
          1 .Private
                                                                D A-WHYNL1
                                                                            1 172
          2 .Federal government
                                                                    Believes no work available
٧
          3 .State government
                                                                U A-WANTJB (1-24C)=1 or 2
           4 .Local government
٧
                                                                       -1 .Not in universe
1 .Entry
          5 .Self-employed-incorporated
          6 .Self-employed-not incorporated
          7 .Without pay
                                                                D A-WHYNL2 1
                                                                                   173
          8 .Never worked
                                                                     Couldn't find any work
    CHKWJ 1 167
Item 23F - Interviewer check item
                                                                U A-WANTJB (1-24C)=1 or 2
D A-CHKWJ
                                                                        -1 .Not in universe
U A-CLSWKR (I-23E)=ENTRY
                                                                           1 .Entry
         -1 .Not in universe
          1 .Entry (or NA) in I20A and P,F,S
                                                                D A-WHYNL3 1 174
            .or L in 123E
                                                                     Lacks nec. schooling, etc.
                                                                U A-WANTJB (1-24C)=1 or 2
           2 .Entry (or NA) in I23B and P,F,S
                                                                        -1 .Not in universe
            .or L in 123E
          3 .All other cases
                                                                          1 .Entry
     ILFROT 1 168
Item 24 - Interviewer check item -
D A-NLFROT
                                                                D A-WHYNL4 1 175
                                                                     Employers think too young or too old
                                                                U A-WANTJB (1-24C)=1 or 2
     first digit of segment #
                                                                        -1 .Not in universe
U A-LKWK (1-22)=2
       -1 .Not in universe
                                                                           1 .Entry
٧
          1 .Continuing rotations
                                                                 D A-WHYNL5 1 176
          2 .Outgoing rotations
                                                                     Other personal handicap in finding job
D A-NLFLJ
                  169
                                                                 U A-WANTJB (1-24C)=1 or 2
     Item 24A - When did ... last work
                                                                          -1 .Not in universe
                                                                           1 .Entry
     for pay at a regular job or business,
     either full-time or part-time
                                                                 D A-WHYNL6 1 177
U A-NLFROT (1-24)=2
                                                                      Can't arrange child care
        -1 .Not in universe
                                                                 U A-WANTJB (I-24C)=1 or 2
          1 .Within past 12 months
                                                                         -1 .Not in universe 1 .Entry
          2 .1 Up to 2 years ago
3 .2 Up to 3 years ago
4 .3 Up to 4 years ago
5 .4 Up to 5 years ago
                                                                 V
                                                                 D A-WHYNL7 1 178
                                                                      Family responsibilities
           6 .5 or more years ago
                                                                 U A-WANTJB (1-24C)=1 or 2
           7 .Never worked
                                                                        -1 .Not in universe
                                                                           1 .Entry
D A-WHYLFT
                  170
    Item 24B - Why did ... leave that job
                                                                 D A-WHYNL8 1 179
U A-NLFLJ (1-24A)=1-5
          -1 .Not in universe
                                                                     In school or other training
                                                                 U A-WANTJB (1-24C)=1 or 2
           1 .Personal, family or school
                                                                         -1 .Not in universe
           2 .Health
                                                                          1 .Entry
           3 .Retirement or old age
          4 .Seasonal job completed
5 .Slack work or business
                                                                 D A-WHYNL9
                                                                     Ill health
             .conditions
                                                                 U A-WANTJB (I-24C)=1 or 2
           6 .Temporary nonseasonal job
                                                                      -1 .Not in universe
1 .Entry
           .completed
7.Unsatisfactory work arrangements
           8 .Other
                                                                 D A-WHYNLA
                                                                              1
     MANTJB 1 171
Item 24C - Does ... want a regular
                                                                      Other
D A-WANTJR
                                                                 U A-WANTJB (I-24C)=1 or 2
                                                                          -1 .Not in universe
     job now, either full or part-time
U A-NLFROT (1-24)=2
                                                                            1 .Entry
          -1 .Not in universe
                                                                 D A-WHYNLB 1
          1 .Yes
                                                                      Don't know
           2 .Maybe-it depends
                                                                 U A-WANTJB (I-24C)=1 or 2
           3 .No
                                                                      -1 .Not in universe
1 .Entry
           4 .Don't know
```

DATA SIZE BEGIN	DATA	SIZE BEGIN
D A-INTEND 1 183	D A-HSCOL	
Item 24E - Does intend to look	Item	a 26A2
for work of any kind in the next	U A-ENRLW	/ (I-26A1)=1
12 months	V	-1 .Not in universe
U A-NLFROT (1-24)=2	V	1 .High school
V -1 .Not in universe	V .	2 .College or university
V 1 .Yes		
V 2 .1t depends	D A-FTPT	1 193
V 3 .No	Item	n 26B - Is enrolled in school
V 4 .Don*t know	03 6	full-time or part-time student
4 DOIL CHION		I (I-26A1)=1
********	v	-1 .Not in universe
t Edited Fermines Items #	v	1 .Full time
* Edited Earnings Items *	v	2 .Part time
***************************************	•	2 .Fait time
B 4 P40407 4 40/	****	******
D A-EARNRT 1 184	* 44	alt Recodes *
Item 25 - Interviewer check item		***********
U A-CHKWJ (1-23F)=1 or 2	***************************************	
V -1 .Not in universe	2 4 25020	w 2 40/
v 1 .MIS 1,2,3,5,6,7	D A-REORG	
v 2 .MIS 4, 8		n 18K - Origin
	U All	4 Maniaga American
D A-USLHRS 2 185	V 	1 .Mexican American
Item 25A - How many hours per week	V	2 .Chicano
does usually work at this job	V	3 .Mexican (Mexicano)
U EARNRT (1-25)=2	V	4 .Puerto Rican
V -1 .Not in universe	V	5 Cuban
V 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 (1-25)=2		
V -1 .Not in universe	D A-EXPR	RP 2 196
V 1 .Yes	Expa	anded relationship code
v 2 n-	U ALL '	•
. V 2 .ND	v	1 .Reference person with
D A-UNMEM 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 (1-25)=2	v	4 .Wife
V -1 .Not in universe	v	5 .Natural/adopted child
	v	6 .Step child
V 1 .Yes	v .	7 .Grandchild
V 2.No	v	8 .Parent
D 4 197001	· v	9 .Brother/sister
D A-UNCOV 1 189	v	10 .Other relative
Item 25F - On this job, is covered	v	11 .Foster child
by a union or employee association	v	12 Nonrelative with relatives
contract	v	
U A-UNMEM (I-25E)=2	•	13 .Partner/roommate
V -1 .Not in universe	V	14 .Nonrelative without relatives
V 1 .Yes	B 4 1 745	1 198
V 2 .No	D A-LFSR	, .
	-	or force status recode
D A-ENRCHK 1 190	U All	4 Haukina
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 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 NILF
or enrolled in a high school, college		
or university	D A-UNTY	PE 1 199
U A-ENRCHK (1-26)=1	Rea	son for unemployment
V -1 .Not in universe	U A-LFSR	
V 1 .Yes	v v	-1 .Not in universe
V 2 .No	· v	1 .Job loser - on layoff
t 6 400	v	2 .Other job loser
	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	y 09 .22-29 hours
v 1 .School	v 10 .30-34 hours
v 2 .Ill, disabled	v 11 .35-39 hours
V 3 .Keeping house	y 12 .40 hours
v 4 .Retired or old age	v 13 .41-47 hours
V 5 .No desire	v 14 .48 hours
V 6 .Employers think too young or	y 15 .49-59 hours
v .old	v 16 .60 hours or more
V 7 .Lacks education or training	2 200
V 8 .Other personal reason	D A-PTHRS 2 209 At work 1-34 hours by hours at work
y 9 .Could not find work	U LFSR=1 and I20A<35
y 10 .Thinks no job available	v -1 .Not in universe
v 11 .Other	y 00 .Usually full-time, part-time
D A-WKSTAT 1 202	y .for non-economic reasons
• · · · · · · · · · · · · · · · · · · ·	Usually work full-time, part-time
Full/part-time status	for economic reasons
U All V 1 .Not in labor force	y 01 .1-4 hours
y 1 .Not in labor force y 2 .Full-time schedules	v 02 .5-14 hours
y 3 .Part-time for economic	y 03 .15-29 hours
v .reasons, usually full-time	v 04 .30-34 hours
y 4 Part-time for non-economic	Usually work part-time, economic reasons
v .reasons, usually part-time	v 05 .1-4 hours
V 5 Part-time for economic	v 06 .5-14 hours
v .reasons, usually part-time	v 07 .15-29 hours
V 6 .Unemployed full-time	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	D A-PTREA 2 211
V -1 .Not in experienced labor force	D A-PTREA 2 211 Detailed reason for part-time
V 1 Employed	U LFSR=1 and I20A < 35
V 2 .Unemployed	V -1 .Not in universe
2.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	Usually work full-time
D A-WKSCH 1 204	V 01 Slack work
Labor force by time worked or lost	v 02 .Material shortages, plant
U LFSR=1-4 V -1 .Not in universe	V .repair
V -1 .Not in universe V 1 .At work	V 03 .New job started
V 2 .With job, not at work	y 04 .Job terminated
v 3 .Unemployed, seeks full-time	V 05 .Holiday
v 4 .Unemployed, seeks part-time	V 06 .Labor dispute
4 - Oriemptoyed, acces part time	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 .Slack work
	V 12 .Could find only part-time
D A-FTLF 1 206	v 13 .Own illness
Full-time labor force	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
D A-EMPHRS 2 207	D A-ABSREA 2 213
Reasons not at work or hours at work	D A-ABSREA 2 213 Reason not at work and pay status
Reasons not at work or hours at work U LFSR=1 or 2	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work V 01 .Illness	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid V 01 .Vacation
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work V 01 .Illness V 02 .Vacation	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid V 01 .Vacation V 02 .Illness
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work V 01 .Illness V 02 .Vacation V 03 .Bad weather	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid V 01 .Vacation V 02 .Illness V 03 .All other
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work V 01 .Illness V 02 .Vacation V 03 .Bad weather V 04 .Labor dispute	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid V 01 .Vacation V 02 .Illness
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work V 01 .Illness V 02 .Vacation V 03 .Bad weather	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid V 01 .Vacation V 02 .Illness V 03 .All other Not paid
Reasons not at work or hours at work U LFSR=1 or 2 V -1 .Not in universe With a job, but not at work V 01 .Illness V 02 .Vacation V 03 .Bad weather V 04 .Labor dispute	D A-ABSREA 2 213 Reason not at work and pay status U LFSR=2 V -1 .Not in universe Usually work full-time paid V 01 .Vacation V 02 .Illness V 03 .All other Not paid V 04 .Vacation

DATA SIZE BEGIN	DATA SIZE BEGIN
Usually work part-time paid	V 08 .Other service
V 07 .Vacation	v 09 Precision production, craft and
V 08 .Illness	V .repair
V 09 All other	Operators, fabricators and laborers
Not paid V 10 .Vacation	V 10 .Machine operators, assemblers V .and inspectors
* '- '- '- '- '- '- '- '- '- '- '- '- '-	v 11 .Transportation and material
V 11 .Illness V 12 .All other	V .moving
V 12 Att other	v 12 .Handlers, equip. cleaners, etc.
D A-AG-NA 1 215	V 13 .Farming, forestry and fishing
V -1 .Not in universe	V 14 .Armed Forces
U All	V 15 .No previous experience - never
V 1 .Agriculture industry	V ,worked
V 2 Nonagriculture industry	
	D A-DTOCC 2 222
D A-MJIND 2 216	Detailed occupation code
Major industry code	See industry and occupation code
U A-CLSWKR=1-7	appendix for list of legal codes
V -1 .Not in universe	U A-CLSWKR=1-7
V 01 Agriculture	
V 02 .Mining	D A-ERNEL 1 224
V 03 .Construction	Earnings eligibility flag
Manufacturing	U All
V 04 .Manufacturing-durable goods	V 0 .Not earnings eligible
V 05 .Manufacturing-nondurable goods	V 1 .Earnings eligible
Transportation, communications, and other	D A-IOELIG 1 225
public utilities	U All
V 06 .Transportation V 07 .Communications	Industry and occupation eligibility
	flag
V 08 .Utilities and sanitary services Wholesale and retail trade	V 0 .Not I and O eligible
V 09 .Wholesale trade	V 1 .I and 0 eligible
V 10 .Retail trade	, una o ottigiotta
V 11 .Finance, insurance and real	D A-DSCWK 1 226
V .estate	Discouraged worker flag
Services (12-20)	UALL
V 12 .Private household	V 0 .Non-discouraged worker
Miscellaneous services	V 1 .Discouraged worker
V 13 .Business and repair	
V 14 .Personal services, except	D A-DTCLWK 2 227
V .private household	Detailed class of worker
V 15 .Entertainment	U A-CLSWKR=1-7
Professional and related services	V -1 .Not in universe
V 16 .Hospital	V 00 .Old Not in universe
V 17 .Medical, except hospital	Agriculture wage and salary
V 18 .Educational	V 01 .Private
V 19 .Social services	V 02 .Government
V 20 .Other professional	V 03 .Self-employed
V 21 .Forestry and fisheries	V 04 Unpaid family
V 22 Public administration	Non-agriculture wage and salary Private industry
V 23 .Armed Forces	
D A-DTIND 2 218	V 05 .Private household V 06 .Other private
D A-DTIND 2 218 Detailed industry code	Government
See industry and occupation code	V 07 .Federal
appendix for list of legal codes	V 08 .State
U A-CLSWKR=1-7	V 09 .Local
O N GESWAN-! I	V 10 .Self-employed
D A-MJOCC 2 220	V 11 .Unpaid family
Major occupation code	,
U A-CLSWKR=1-7	D A-EMP 1 229
V -1 .Not in universe	Employed persons (excluding farm
Managerial and professional	workers and private household workers)
V 01 .Executive, admin. and	U All
V .managerial	V -1 .Not in universe
V 02 .Professional specialty	V 1 .In Universe
Technical, sales and admin. support	
V 03 .Technicians and related support	D A-NAGWS 1 230
V 04 .Sales	U All
V 05 .Administrative support,	Non agricultural wage and salary
V .including clerical	workers
Service	V -1 .Not in universe
V 06 .Private household	V 1 .In Universe
V 07 .Protective service	

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
V -1 .Not in universe	V 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 5.Se-uninc. V 6.Without pay	U All
V 7 .Never worked	V 1 .Primary family
T SHOTEL HOLKES	V 2 Primary individual
D A-NCAGPWS 1 232	V 3 .Related subfamily
U ALL	V 4 .Unrelated subfamily
Nonagricultural private wage and	V 5 .Secondary Individual
salary workers (Except private	
household)	D A-FAMREL 1 275
V -1 .Not in universe	Family relationship
V 1 .In universe	U ALL
	V 0 .Not a family member
D A-HERNTP 4 233	V 1 .Reference person
Hourly earnings top code	V 2 .Spouse
V -1 .Not in universe	V 3 .Child
V 0-9999 .Hourly earnings value	V 4 .Other relative (primary family
V .(2 implied decimal places)	V .and unrelated subfamily only)
	D A-PENOCD 1 276
D A-WERNTP 4 237	D A-PFNOCD 1 276 Number of own children < 18 in primary
Weekly earnings top code	family
V -1 .Not in universe	U All
V 0-1927 .Weekly earnings value	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	V 7.6 children
Weekly earnings top code flag	V 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-FERNTP 4 243	primary family.
Family earnings top code	U All
V -1 Not in primary family or	V 0 Not in primary family
V .not in universe	V 1 .No children < 18 years old V 2 .All children 0-2 years old
V 0000-9999 .Family earnings value	V 2 .All children 0-2 years old V 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	v 5 .All children 14-17 years old
V -1 .Not in universe	V 6 .Children 0-2 and 3-5
V 0 .Not top codes	V .(none 6-17)
V 1 .Top Coded	V 7 .Children 0-2 and 6-13
, , , , , , , , , , , , , , , , , , ,	V .(none 3-5 or 14-17)
**********	V 8 .Children 0-2 and 14-17
* Adult Weights *	V .(none 3-13)
********	V 9 .Children 3-5 and 6-13
	V .(none 0-2 or 14-17)
D A-FNLWGT 8 248 2	V 10 .Children 3-5 and 14-17
Adults final weight (2 implied	V .(none 0-2 or 6-13)
decimal places)	v 11 .Children 6-13 and 14-17
U All	V .(none 0-5)
A	V 12 .Children 0-2, 3-5 and 6-13
D A-ECRNLUT 8 256 2	V .(none 14-17)
Earnings/not in labor force weight	V 13 .Children 0-2, 3-5 and 14-17 V .(none 6-13)
(2 implied decimal places)	
U H-MIS=4 or 8	V 14 .Children 0-2, 6-13 and 14-17 V .(none 3-5)
D A-VETWGT 8 264 2	V 15 .Children 3-5, 6-13 and 14-17
Veteran's weight	V .(none 0-2)
(2 implied decimal places)	V 16 .Children from all age groups
family recodes	
U All	

```
DATA
                                                                           SIZE BEGIN
           SIZE BEGIN
DATA
                                                                D A-PFFTPT
                                                                                   286
D A-PFREL
                                                                     Usual full-time/part-time status of
    Primary family relationship
                                                                     primary family earners (16+)
           0 .Not in primary family
                                                                U H-MIS=4 or 8
U ALL
                                                                           -1 .Not in universe (MIS 1,2,3,5,6,7)
0 .Not in primary family
           1 .Husband
           2 .Wife
                                                                           1 .No earners
           3 .Own child
                                                                ٧
                                                                           2 .All earners full-time
           4 .Other relative
                                                                           3 .Some full-time, some part-time
           5 .Unmarried reference person
                                                                           4 .All earners part-time
                                                                           5 .Not in universe
D A-PFSIZE
            2 280
     Size of primary family
                                                                D A-PFEARN
                                                                                   287
                                                                     Total weekly family earnings (for
          00 .Not in primary family
٧
       02-39 .Number individuals
                                                                     members 16+)
             .(A-FAMTYP = 1 or 3)
                                                                U H-MIS=4 or 8
                                                                          -1 .Not in primary family or not
                                                                ٧
D A-PFHHAG
                                                                              in universe.
                                                                   0000-9999 .Usual weekly family earnings
     Age of primary family householder
                                                                D A-PFNOER 1
                                                                                  291
           O .Not a family member
          1 .< 25 years old
2 .25-44 years old
3 .45-54 years old
4 .55-64 years old
                                                                     Number of earners in primary family 16+
                                                                           -1 .Not in universe (not in
                                                                              .primary family)
                                                                ٧
                                                                           0 .No earners
           5 .65+ years old
                                                                          1-8 .1-8 earners
                                                                           9 .9+ earners
              1 283
D A-LFESM
     Labor force and earner status (male)
                                                                D A-PFNOEM
                                                                                   292
     of husband of primary family or male
                                                                      Number of employed in primary
     householder
U ALL
                                                                      family 16+
                                                                           -1 .Not in universe
           O .Not in primary family/no male
                                                                           0 .No one employed
                                                                 ٧
           1 .Employed earner
                                                                          1-8 .1-8 employed
٧
           2 .Self-employed
                                                                           9 .9+ employed
           3 .Without pay
           4 .Unemployed
                                                                D A-PFNOUN
           5 Not in labor force
٧
                                                                      Number of unemployed in primary
           6 .Armed Forces
                                                                      family 16+
                                                                UALL
             1 284
D A-LFESF
                                                                           -1 .Not in universe (not in
                                                                 ٧
     Labor force and earner status (female)
     of wife of primary family or female
                                                                             .primary family)
                                                                            0 .No unemployed
     householder
                                                                          1-8 .1-8 unemployed
U ALL
                                                                           9 .9+ unemployed
           O .Not in primary family/no female
٧
           1 .Employed earner
                                                                                   294
           2 Self-employed
                                                                 D A-FAMUGT
                                                                             8
                                                                      Family weight - two implied decimal
           3 .Without pay
           4 .Unemployed
                                                                      places
           5 .Not in labor force
           6 .Armed Forces
                                                                                  302
                                                                 D A-FMEWGT 8
                                                                      Family earnings weight (2 implied
D A-PFWS
             1
     Primary family earners wage and salary
                                                                      decimal places) allocation flags
                                                                 U H-MIS=4 or 8
     status (16+)
U ALL
                                                                              1 310
                                                                 D A%LINENO
          -1 .Not in primary family
                                                                      Line number allocation flag
           0 .Not in primary family
                                                                            0 .No change
           1 .No one employed
                                                                            2 .Blank to value
           2 . Some employed - no wage and
                                                                           3 . Value to value
              .salary workers
           3 .With wage and salary workers,
                                                                 D AXRRP
              .husband/wife or reference v
                                                                      Relationship to reference person
              .person self-employed
           4 .With wage and salary workers,
                                                                      allocation flag
             .husband/wife or reference person
                                                                          0 .No change
                                                                            2 .Blank to value
              .not self-employed other
                                                                            3 .Value to value
     Household member self-employed
                                                                            5 .Value to value - no error
           5 .With wage and salary workers
              .only
```

CURRENT POPULATION SURVEY - ADULT'S INTERVIEW

```
SIZE BEGIN
            SIZE BEGIN
                                                            DATA
 D AXPARENT 1 312
                                                              D AXMAJACT
                                                                        0 .No change
     Parent's line number allocation flag
                                                                        1 .Value to blank
          0 .No change
           2 .Blank to value
                                                                        2 .Blank to value
           3 .Value to value
                                                                        3 .Value to value
           5 .Value to value - no error
                                                                        4 .Allocated
                                                              D A%ANYWK
 D A%AGE
              1
                  313
                                                                        0 .No change
     Age allocation flag
                                                              v
         0 .No change
                                                                        1 .Value to blank
           2 .Blank to value
                                                                        2 .Blank to value
           4 .Allocated
                                                                        3 .Value to value
                                                                        4 .Allocated
 D AYMARITI
             1 314
      Marital status allocation flag
                                                              D A%HRS
                                                                        0 .No change
          0 .No change
           2 .Blank to value
                                                                        1 .Value to blank
           3 .Value to value
                                                                        2 .Blank to value
           4 .Allocated
                                                                        3 .Value to value
           5 .Value to value - no error
                                                                        4 .Allocated
 D A%SPOUSE
                                                              D A%HRSCHK
                                                                      0 .No change
     Spouse's line number allocation flag
                                                                        1 .Value to blank
            0 .No change
                                                                        2 .Blank to value
           2 .Blank to value
                                                                        3 .Value to value
           3 .Value to value
                                                                        4 .Allocated
           5 .Value to value - no error
 ٧
 D A%SEX
                                                              D A%USLFT
                                                                        0 .No change
      Sex allocation flag
                                                                        1 .Value to blank
           0 .No change
                                                                        2 .Blank to value
           2 .Blank to value
                                                                        3 .Value to value
           3 .Value to value
 ٧
           4 .Allocated
                                                              ٧
                                                                        4 .Allocated
. D AXVET
              1
                  317
                                                              D AXFTREAS
      Veteran status allocation flag
                                                                       0 .No change
                                                                        1 .Value to blank
           0 .No change
                                                                        2 .Blank to value
 V
           2 .Blank to value
                                                              v
                                                                        3 .Value to value
           3 .Value to value
           4 .Allocated
                                                                        4 .Allocated
                                                                        1 1 329
0 .No change
                                                              D A%LOSTIM
             1 318
 D A%HGA
      Highest grade attended allocation flag
                                                                        1 .Value to blank
          0 .No change
                                                              ٧
                                                                        2 .Blank to value
           4 .Allocated
                                                                        3 .Value to value
                                                                        4 .Allocated
                                                              ν
             1 319
 D PADDING
                                                              D A%OVRTIM
             1 320
                                                                        0 .No change
 D AXRACE
      Race allocation flag
                                                                        1 .Value to blank
                                                                         2 .Blank to value
         0 .No change
           2 .Blank to value
                                                                        3 .Value to value
                                                                        4 .Allocated
           4 .Allocated
                                                              D A%JOBABS 1 331
 D A%ORIGIN 1 321
                                                                        0 .No change
      Origin allocation flag
                                                                        1 .Value to blank
                                                                        2 .Blank to value
                                                              v
           0 .No change
                                                                        3 .Value to value
                                                              ν
            2 .Blank to value
           5 .Value to value - no error
                                                                        4 .Allocated
           8 .Blank to N/A code
                                                              D AXWHYABS
                                                                      0 .No change
 D A%LFSR
              1 322
                                                                        1 .Value to blank
      Labor force status recode allocation
      flag
                                                                        2 .Blank to value
                                                              ٧
            0 .No change
                                                              V
                                                                        3 .Value to value
            4 .Allocated
                                                                        4 .Allocated
```

DATA DICTIONARY

DATA	SIZE BEGIN	DATA	SIZE BEGIN
D AXPAYABS	1 333	D AXIND	1 343
٧	0 .No change	V	0 .No change
٧	1 .Value to blank	V	1 .Value to blank
V	2 .Blank to value	y	2 Blank to value
V	3 .Value to value	V	3 .Value to value
V	4 .Allocated	v ,	4 .Allocated
D AXFTABS	1 334	D A%OCC	1 344
V	0 .No change	V	0 .No change
v.	1 .Value to blank	V	1 .Value to blank 2 .Blank to value
V	2 .Blank to value 3 .Value to value	v	3 .Value to value
v	4 .Allocated	v	4 .Allocated
D AXLKWK	1 335	D A%CLSWKI	R 1 345
V	0 .No change	V	0 .No change
V	1 .Value to blank	V	1 .Value to blank
V	2 Blank to value	V	2 .Blank to value
V	3 .Value to value 4 .Allocated	V V	3 .Value to value 4 .Allocated
D AXMTHD	1 336	D AXNLFLJ	1 346
V	0 .No change	V	0 .No change
٧	1 .Value to blank	V	 Value to blank
V	2 .Blank to value	V	2 .Blank to value
V	3 .Value to value	y ·	3 .Value to value
V	4 .Allocated	V	4 .Allocated
D AXWHYLK	1 337	D AXWHYLF1	
V	0 .No change	V 	0 .No change
V	1 .Value to blank	V	1 .Value to blank
V V	2 .Blank to value 3 .Value to value	V V	2 .Blank to value 3 .Value to value
v	4 .Allocated	v ·	4 .Allocated
D AXWKSLK	1 338	D AXWANTJI	B 1 348
V	0 .No change	٧	0 .No change
V	1 .Value to blank	V	1 .Value to blank
V	2 .Blank to value	V	2 .Blank to value
V V	3 .Value to value 4 .Allocated	V V	3 .Value to value 4 .Allocated
D AXLKETPT	1 339	D A%WHYNL	1 349
V	0.No change	V	0 .No change
v	1 .Value to blank	v	1 .Value to blank
٧	2 .Blank to value	V	2 .Blank to value
٧	3 .Value to value	٧	3 .Value to value
٧	4 .Allocated	V	4 .Allocated
D AXAVAIL	1 340 0 .No change	D AXINTENI	0 1 350 0 No change
v	1 .Value to blank	v	1 .Value to blank
v	2 .Blank to value	Ÿ	2 .Blank to value
· V	3 .Value to value	٧	3 .Value to value
V	4 .Allocated	V	4 .Allocated
D AXWHYNA		D A%USLHR	S 1 351 0.No change
V V	0 .No change 1 .Value to blank	v	บ .พo change 1 .Value to blank
V	2 .Blank to value	v	2 .Blank to value
v	3 . Value to value	v	3 .Value to value
v	4 .Allocated	v.	4 .Allocated
D AXWHENL		D A%HRLYWI	
V	0 .No change	V	-1 .Not in universe
V	1 .Value to blank	V V	0 .No change 1 .Value to blank
V V	2 .Blank to value 3 .Value to value	v	2 .Blank to value
v	4 .Allocated	v	3 .Value to value
-		v	4 .Allocated

CURRENT POPULATION SURVEY - ADULT'S INTERVIEW

DATA SIZE BEGIN	DATA SIZE BEGIN	
D AXHRSPAY 1 353	D AXENRCHK 1 357	
V -1 .Not in universe	V 0 .No change	
V 0 .No change	V 1 .Value to bla	ink
V 1.Value to blank	V 2.Blank to val	ue
V 2 .Blank to value	V . 3 .Value to val	ue
V 3 .Value to value	V 4 .Allocated	
V 4 .Allocated		
	D AXENRLW 1 358	
D AXGRSWK 1 354	V 0 .No change	
V -1 .Not in Universe	V 1 .Value to bla	
V 0 .No change	V 2.Blank to val	ue
V 1 .Value to blank	V 3 .Value to val	ue
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 AXUNMEN 1 355	V 1 .Value to bla	
V -1 .Not in universe	V 2 .Blank to val	
Y 0 .No change	V 3.Value to val	lue
V 1 .Value to blank	V 4 .Allocated	
V 2 .Blank to value		
V 3 .Value to value	D A%FTPT 1 360	
V 4 .Allocated	V 0 No change	
	V 1 .Value to bla	
D AXUNCOV 1 356	V 2 .Blank to val	
V -1 .Not in universe	V 3 .Value to val	lue
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		

Current Population Survey Child's Interview Data Dictionary

```
SIZE BEGIN
                                                                DATA
DATA
            SIZE BEGIN
                                                                             12 .Other not HU
D HSPAD1
              1
                     1
                                                                  D H-FARM
                                                                                1
                                                                                       11
D H$PAD2
                     2
                                                                       Farm def'n - edited using urban/rural
D H-MONTH
              2
                                                                  UALL
    Month of survey
                                                                       From MST and CPS-1 Items 5A and 5B
UALL
                                                                             1 .Nonfarm
       01-12 .Month
                                                                              2 .Farm
D H-YEAR
     Year of survey - last digit
                                                                  D H-TYPINT
                                                                       TYPINT 1 12
Item 1<mark>3 - Type interview</mark>
         0-9 .Last digit of year
                                                                             -1 .Blank or impossible
                                                                             1 .Noninterview
2 .Personal
D H-HHNUM
                                                                  ٧
    Household number
                                                                             3 .Tel. - regular
4 .Tel. - callback
          -1 .Blank
                                                                              5 .ICR filled
         1-8 . Household number
                                                                  D H-RESPNM
D H-CPSCHK 1
                                                                       Item 12 - Line no. HHLD resp.
    Item 1 - Interviewer check item
                                                                             -1 .Blank or impossible
          -1 .Blank
           1 .Only CPS-1 for household
                                                                            1-6 .Line no.
           2 .First CPS-1 of continuation
                                                                             7 .Non HHLD resp.
            .household
                                                                  D H-AREASN
           3 .Second CPS-1 of continuation
                                                                       Item 14 - Reason for type A
             .household
                                                                  U H-HHTYPE=2
٧
           4 .Third, fourth, etc. CPS-1
                                                                             -1 .Not in universe
                                                                              1 .No one home
D H-DAYCMP
                                                                              2 .Temporarily absent
    Day interview complete
                                                                            3 .Refused
           -1 .Blank
                                                                              4 .Other - occ.
           1 .Sunday
           2 .Monday
                                                                       Item 14 - Race for type A
           3 .Tuesday
                                                                  U H-HHTYPE=2
           4 .Wednesday
                                                                  V
                                                                             -1 .Not in universe
           5 .Thursday
           6 .Friday
                                                                              1 .White
                                                                              2 .Black
           7 .Saturday
                                                                              3 .Other
           8 .After interview week
     LIVORT 2 9
Item 4 - Type of living quarters
                                                                  D H-TYPEBC
                                                                       TYPEBC 2 16
Item 15 - Type B/C
                                                                     H-HHTYPE=3
     (Recode)
                                                                             -1 .Not in universe
U ALL
     Housing unit
                                                                             01 .Vacant - regular
02 .Vacant - storage of HHLD
          01 .House, apt., flat
          02 .HU in nontransient hotel, etc.
                                                                                .furniture
          03 .HU, perm., in trans. hotel,
                                                                             03 .Temp occ. by persons with URE
             .motel etc.
                                                                             04 .Unfit or to be demolished
          04 .HU in rooming house
                                                                             05 .Under construction, not ready
          05 .Mobile home or trailer with
                                                                             06 .Converted to temp. business
             .no permanent room added
           06 .Mobile home or trailer with 1
                                                                                .or storage
             .or more perm. rooms added
                                                                             07 .Occ. by AF members or persons
          07 .HU not specified above
                                                                                .under 15
                                                                             08 .Unocc. tent or trailer site
     Other unit
                                                                             09 .Permit granted, construction not
          08 .Qtrs not HU in rooming or
                                                                                .started
             .boarding house
                                                                             10 .Other
           09 .Unit not perm. in trans. hotel,
           .motel, etc.
10 .Tent or trailer site
                                                                        Type C
                                                                             11 .Demolished
                                                                             12 .House or trailer moved
           11 .Student quarters in college
                                                                             13 .Outside segment
              .dormitory
```

CURRENT POPULATION SURVEY - CHILD'S INTERVIEW

DATA SIZE BEGIN	DATA SIZE BEGIN
y 44 formulated to norm business or	D H-TENURE 1 25
V 14 .Converted to perm. business or	Tenure
V 15 .Merged	U ALL
V 16 .Condemned	y -1 .Not in universe
V 17 Built after April 1, 1980	V 1.Owned or being bought
v 18 Unused line of listing sheet	V 2 .Rent
V 19 .Other	V 3 .No cash rent
	D U TAMENO 2 24
D H-SEASON 1 18	DH-FAMINC 2 26 Family income
Item 16 - Seasonal status U H-TYPEBC=1-3	Note: If a nonfamily household
V -1 .Not in universe	(H-FAMIND=0), income includes only
V 1 Year round	that of householder.
V 2 .By migratory workers	U All
V 3 .Seasonally	V -1 .Not in universe
	V 0 .Less than \$5,000
D H-OCCINT 1 19	y 1 .\$5,000 to \$7,499
Item 17 - This unit is intended for	V 2 .\$7,500 to \$9,999 V 3 .\$10,000 to \$12,499
occupancy	v 4 .\$12,500 to \$14,999
U H-SEASON=2 or 3 and H-LIVQRT=1-7 V -1 .Not in universe	v 5 .\$15,000 to \$19,999
V 1 .Summers only	v 6 .\$20,000 to \$24,999
V 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
D 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 V 13 .\$75,000 and Over
interviewer code A00-M99 excluding IXX	V 19 Not answered
V -1 .Blank V 00 .A	y in the diswered
V 01 .B	D H-TELHHD 1 28
v 02 .c	Telephone in household
V 03 .D	U All (March, July, Nov. only)
V 04 .E	V -1 .Not in universe (noninterview)
. V 05 .F	V 1 .Yes
V 06 .G	V 2 .No
V 07 .H	D H-TELAVL 1 29
v 08.J	Telephone available
V 09 .K V 10 .L	U H-TELHHD=2 (March, July, Nov. only)
v 11 .M	V -1 .Not in universe
V 12 .N	V 1 .Yes
V 13 .P	V 2.No
v 14 .Q	4 30
V 15 .R	D H-TELINT 1 30
v 16 .s	Telephone interview acceptable U H-TELHHD=1 or H-TELAVL=1 (March, July,
V 17.T V 18.U	Nov. only)
v 19 .V	V -1 .Not in universe
v 20 .W	V 1 .Yes
v 21 .X	V 2.No
V 22 .Y	
v 23 .Z	D H-PRSCNT 1 31
A 11 THERMS 4 33	Item 30 - Number of contacts - actual and attempted personal
D H-INTRV2 1 22 Interviewer Code - digit 2	U March, July, Nov. only
V -1 .Blank	V -1 .Blank
V 0-9 .Interviewer code digit 2	V 1-6 .# of personal contacts
	v .(6 = 6+)
D H-INTRV3 1 23	
Interviewer Code - digit 3	D H-TELCHT 1 32
V -1 .Blank	Item 30 - Number of contacts - actual
V 0-9 .Interviewer code digit 3	and attempted telephone U March, July, Nov. only
D H-STATUS 1 24	V -1 .Blank
Item 27B - HHLD status change -	V 1-9 .# of telephone contacts
replacement household	v .(9 = 9+)
U All	
V -1 .Blank	D H-TIMINT 1 33
V 1 .Yes	Item 31 - Time of interview
V 2.No	U March, July, Nov. only
	V -1 .Blank V 1 .Nidnight to 6 A.M.
	V 2.6 to 9 A.M.
	V 3.9 A.m. to noon

DA	TA SIZE BEGIN	DATA SIZE BEGIN
	/ N 4- 7 D M	D H-MSTIND 5 44
٧	4 .Noon to 3 P.H.	Master segment tape index
٧	5 .3 to 6 P.M.	Unique segment identifer
٧	6 .6 to 9 P.M.	Dilique acquetts ruetterro.
٧	7 .9 P.M. to midnight	р н-нишст 9 49 2
		D H-HHWGT 9 49 2 Household weight (2 implied
*1	***********	
*	Household recodes *	decimal places)
*1	****************************	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
IJ	All	
v	1 .Interview	********
v	2 .Type A non-interview	* Allocation flags *
v	3 .Type B/C non-interview	*********
•	5 trype by a flori filter tron	
	H-MIS 1 35	D HXTENURE 1 58
ע		V 0 .No change
	Month in sample	y 1 .Value to blank
	All	v 4 .Allocated
٧	1-8 .Month in sample	A Autonomean
		D HXFAMINC 1 59
D	H-NUMPER 2 36	V 0.No change
	Number of persons in household	
U	All	
٧	00 .Noninterview household	
٧	1-39 .Number of persons in HHLD	y .no error
	·	- uttore - 4 4A
D	H-TYPE 1 38	D H%ARACE 1 60
_	Household type	V 0 No change
11	ALL	y 1 .Value to blank
v	0 .Non-interview household	v 4 .Allocated
v		
v	.(neither husband or wife in	D HXCPSCHK 1 61
v		y 0 .No change
v	2 .Husband/wife primary family	y 2 .Blank to value
. V		
v		D H%DAYCMP 1 62
	· · · · · · · · · · · · · · · · · · ·	V 0 .No change
V		y 2 .Blank to value
٧		2 United in Contract of the Co
V		D H%HHNUM 1 63
٧		V 0 .No change
٧		v 2 .Blank to value
٧		y 8 .Blank to WA - error
٧		V O BLANK TO NA " ELLO
٧		D HEINTRY 1 64
٧		
٧	7 .Civilian female primary	V 0 .No change
٧		v 2 .Blank to value
٧		- 1141 ALIAN A 15
٧	.reference person in Armed Forces	D H%LIVORT 1 65
٧		V 0 No change
		v 4 .Allocated
0	H-TYPERP 1 39	y 7 .Blank to NA - no error
	Type of reference person	
1	H-HHTYPE=1	D HXOCCINT 1 66
Ĭ		V 0 .No change
•	1 .Civilian	v 1 .Value to blank
-		V 4 .Allocated
-		-
,	3 .Group quarters	D HXRESPNM 1 67
_	D H-NUMFAM 2 40	V 0 No change
E		y 2 Blank to value
	Number of families in HHLD	A Management of American
	J H-HHTYPE=1	D H%SEASON 1 68
	/ 00 .Not in universe	V 0 No change
,	00-39 .Number of families	• • • • • • • • • • • • • • • • • • • •
		* **==== == == == == == == == == == == =
1	H-HHDSEQ 2 42	V 4 Allocated
	Householder sequence number	- 1150-F4-F4-0 - 4 - 40
	(reference person)	D HXSTATUS 1 69
	(Will be first adult record for	V 0 .No change
	group quarters)	V 1 .Value to blank
	U H-HHTYPE=1	y 2 .Blank to value
	V 00 .Not in universe	y 3 .Value to value
	V 01-39 .Sequence number	V 8 .Blank to NA - error
	- or or readmented times.	

CURRENT POPULATION SURVEY - CHILD'S INTERVIEW

```
SIZE BEGIN
                                                               DATA
                                                                            SIZE BEGIN
DATA
D HXAREASN
              1
                                                                           45 .South Dakota
           0 .No change
                                                                           46 .Nebraska
                                                                           47 .Kansas
           1 .Value to blank
                                                                      South Region (Region 3)
                                                                      South Atlantic Division (Div. 5)
D HXTYPEBC
              1
           0 .No change
                                                                           51 Delaware
                                                                           52 .Maryland
           1 .Value to blank
                                                                           53 .District of Columbia
                                                                           54 .Virginia
D HXTELHHD
           0 .No change
                                                                           55 .West Virginia
                                                                           56 .North Carolina
           1 .Value to blank
                                                                           57 .South Carolina
           4 .Allocated
                                                                 ٧
                                                                           58 .Georgia
D HXTELAVL
                                                                 ٧
                                                                           59 .Florida
           0 .No change
                                                                      East South Central Division (Div. 6)
           1 .Value to blank
                                                                           61 .Kentucky
                                                                           62 .Tennessee
63 .Alabama
64 .Mississippi
           4 .Allocated
                                                                 ۷
۷
D HXTELINT
            1
           0 .No change
                                                                      West South Central Division (Div. 7)
           1 .Value to blank
                                                                           71 .Arkansas
                                                                           72 .Louisiana
73 .Oklahoma
           4 .Allocated
                                                                           74 .Texas
D HXPRSCNT
            1
           0 .No change
                                                                      West Region (Region 4)
           2 .Blank to value
                                                                      Mountain Division (Div. 8)
                                                                           81 .Montana
82 .Idaho
D HXTIMINT
                                                                           83 .Wyoming
84 .Colorado
           0 .No change
                                                                 ٧
           2 .Blank to value
                                                                           85 .New Mexico
D HXTELCHT
                                                                           86 .Arizona
           0 .No change
                                                                           87 .Utah
           7 .Blank to NA - no error
                                                                 ٧
                                                                           88 .Nevada
                                                                      Pacific Division (Div. 9)
************
                                                                           91 -Washington
     Master Segment Tape (M.S.T.) items *
                                                                           92 .Oregon
     for M.S.T. variables whose ranges are *
                                                                           93 .California
                                                                           94 .Alaska
     not defined here, see geographic
     appendix to this DDL.
                                                                           95 . Hawaii
                                                                 D HG-STRN
                                                                               2
D HG-REG
             1
                    78
                                                                      1980 State rank
                                                                      (See Geographic Appendix)
     Region
           1 .Northeast
           2 .Midwest
                                                                 D HG-FIPS
                                                                               2
                                                                      FIPS State code
v
           3 .South
٧
           4 .West
                                                                      (See Geographic Appendix)
D HG-ST60
            2
                   79
                                                                 D HG-MSAS
     1960 Census state code (first
                                                                      MSA status
     digit = geog. division code)
                                                                            1 .In MSA, in CC
                                                                             2 .In MSA, not in CC
     Northeast Region (Region 1)
     New England Division (Div. 1)
                                                                            3 .Not in MSA
          11 .Maine
                                                                            4 .Not identified
          12 .New Hampshire
          13 .Vermont
                                                                 D HG-MSAC
          14 .Massachusetts
                                                                      MSA or PMSA FIPS code
                                                                    0000 .Not MSA/PMSA, not identified 0040-9340 .MST/PMSA code
          15 .Rhode Island
          16 .Connecticut
     Middle Atlantic Division (Div. 2)
                                                                      (See Geographic Appendix)
          21 .New York
22 .New Jersey
                                                                 D HG-PMSA
                                                                               2
          23 .Pennsylvania
                                                                      PMSA rank
                                                                          00 .Not a PMSA, not identified
     Midwest Region (Region 2)
     East North Central Division (Div. 3)
                                                                        01-12 .Ranking of PMSA within its CMSA
          31 .Ohio
                                                                      (See Geographic Appendix)
          32 .Indiana
33 .Illinois
                                                                 D HG-MSAR
          34 .Michigan
35 .Wisconsin
                                                                      MSA or CMSA rank
                                                                         000 .Not an MSA, not identified
     West North Central Division (Div. 4)
                                                                      001-252 . Ranking of MSAs or CMSAs by
          41 .Minnesota
                                                                               .population
                                                                      (See Geographic Appendix)
          42 .Iowa
          43 .Missouri
          44 .North Dakota
```

```
SIZE BEGIN
                                                           DATA
                                                                      SIZE BEGIN
DATA
D HG-MSSZ
            2
                  95
                                                            D PADDING
    MSA size
    MSA Size

First character -- padding

Second character -- pop. size MSA/CMSA

1 .Not identified, not an MSA

2 .100,000 - 249,999

3 .250,000 - 499,999

4 .500,000 - 999,999

5 .500,000 - 999,999
                                                            D C-RACE
                                                                             130
                                                                 Item 18J - Race
                                                            UALL
                                                                       1 .White
                                                                       2 .Black
                                                            ٧
                                                                      3 .Amer. Indian, Aleut Eskimo
4 .Asian or Pacific Islander
          5 .1 million - 2,499,999
6 .2.5 million - 4,999,999
        7 .5 million - 9,999,999
                                                                       5 .Other
          8 .10 million or more
                                                            D PADDING 63
                                                               **********
        00 .Not in CMSA, not identified
      07-91 .CMSA code
                                                                Child recodes
                                                             **********
    (See Geographic Appendix)
D H-METSTA 1 99
V 1 .Metropolitan
                                                            D C-REORGN 2 194
                                                                 Item 18K - Origin
                                                             UALL
          2 .Nonmetropolitan
                                                                   1 .Mexican American
          3 .Not identified
                                                                   2 .Chicano
D H-INDVCC 1 100
                                                                   3 .Mexican (Mexicano)
                                                                   4 .Puerto Rican
     Individual central city identifier
                                                                   5 .Cuiban
     (See Geographic Appendix)
                                                                   6 .Central or South American
                                                                   7 .Other Spanish
D H-RECTYP
                 101
         1 .Interviewed adult
                                                                   8 .All other
                                                                   9 .Don't know
V
          2 .Type A noninterview
                                                                  10 .NA
          3 .Type B/C noninterview
          4 .Armed Forces record
                                                             D C-EXPRRP 2 196
          5 .Childrens record
                                                                 Expanded relationship code
          12 102
D H-ID
                                                                       5 .Natural/adopted child
    Unique household identifer
                                                                       6 .Step child
                                                                       7 .Grandchild
9 .Brother/sister
********
* Edited Children's Control Card Items
***********
                                                                      10 .Other relative
                                                                      11 .Foster child
                                                                      12 .Nonrelative with relatives
D C-LINENO 2
                114
                                                                      14 .Nonrelative without relatives
   Item 18A - Line number
U ALL
                                                                       50
                                                                             198
                                                             D PADDING
V 01-39 Line number
                                                             **********
            2
                 116
                                                                  Child weights
    Item 188 - Relationship to
                                                             ***********
    reference person
U ALL
                                                             D C-FNLWGT 8 248
       5 .Own child
                                                                  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
                                                             D PADDING 16 256
      10 .Non-rel. of reference person-no
        .own relatives in HHLD
                                                             *********
D C-PARENT 2 118
Item 18C - Parent's line number
                                                             * Family recodes
                                                             **********
UALL
                                                             D C-FAMNUM 2 272
        00 .None
      01-39 .Parent's line number
                                                                  Family number
                                                                       00 .Not a family member
D C-AGE
            2
                                                                      01 .Primary family member only
    Item 18D - Age
                                                                    02-19 .Subfamily member
     00-14 .Child age
                                                             D C-FAMTYP 1
                                                                  Family type
D PADDING
             3
                  122
                                                                   1 .Primary family
2 .Primary individual
           1
D C-SEX
                 125
     Item 18G - Sex
                                                                   3 .Related subfamily 4 .Unrelated subfamily
UALL
       1 .Male
                                                                    5 .Secondary individual
       2 .Female
```

CURRENT POPULATION SURVEY - CHILD'S INTERVIEW

DA	NTA S	IZE BEGIN	DATA	SIZE BEGIN
	C-FAMREL	1 275	D C	-PFHHAG 1 282 Age of primary family householder
U		relationship	U A	• • •
U	ALL	,	V	O .Not a family member
٧		.Not a family member	V	1 .< 25 years old
٧		.Reference person	V	2 .25-44 years old
٧		.Spouse	V	3 .45-54 years old
V		.Child	V V	4 .55-64 years old 5 .65+ years old
۷	4	.Other relative (primary .family and unrelated	V .	J .OJF years old
v		.subfamily only)	n c	-LFESM 1 283
•				Labor force and earner status (male)
Đ	C-PFNOCD	1 276		of husband of primary family or
	Number o	f own children < 18 in		male householder
	primary	family	U A	
_	ALL .		V	0 .Not in primary family/no male
٧		.Not in primary family	V	1 .Employed earner
V		.No children	V	2 .Self-employed 3 .Without pay
v		.1 child .2 children	v	4 .Unemployed
v		.3 children	Ÿ	5 .Not in labor force
v		.4 children	Ý	6 .Armed Forces
v	6	.5 children		
٧	7	.6 children	D C	-LFESF 1 284
٧		.7 children		Labor force and earner status (female)
٧	9	.8+ children		of wife of primary family or female
_				householder
D	C-PFPRCD	2 277	U A V	
		e of own children < 18 in	· v	<pre>0 .Not in primary family/no .female</pre>
	primary All	Tamily.	v	1 .Employed earner
٧		.Not in primary family	v	2 .Self-employed
v		.No children < 18 years old	Ÿ	3 .Without pay
V		.All children 0-2 years old	V	4 .Unemployed
٧	3	.All children 3-5 years old	٧	5 .Not in labor force
v		.All children 6-13 years old	V	6 .Armed Forces
٧		.All children 14-17 years old		A DELIG
V	6	.Children 0-2 and 3-5	D C	C-PFWS 1 285
V	7	.(none 6-17) .Children 0-2 and 6-13		Primary family earners wage and salary status (16+)
v	•	.(none 3-5 or 14-17)	U A	
v	8	.Children 0-2 and 14-17	v.	O .Not in primary family
v	_	.(none 3-13)	٧	1 .No one employed
٧	9	.Children 3-5 and 6-13	٧	2 .Some employed - no wage
V		.(none 0-2 or 14-17)	٧	and salary workers
٧	10	.Children 3-5 and 14-17	V	3 .With wage and salary workers,
٧	44	(none 0-2 or 6-13)	V	.husband/wife or reference
V	11	.Children 6-13 and 14-17 .(none 0-5)	v	<pre>.person self-employed 4 .With wage and salary workers,</pre>
V	12	.Children 0-2, 3-5 and 6-13	v	.husband/wife or reference
v		(none 14-17)	v	.person not self-employed other
v	13	.Children 0-2, 3-5 and 14-17	V	household member self-employed
٧		(none 6-13)	V	5 .With wage and salary workers
٧		.Children_0-2, 6-13 and 14-17	, V	_only
٧		(none 3-5)		DECTOR 4 20/
٧		.Children 3-5, 6-13 and 14-17	D C	C-PFFTPT 1 286
V		.(none 0-2) .Children from all age groups		Usual full-time/part-time status of primary family earners (16+)
٧	10	.unitaren from att age groups	11 4	I-MIS=4 or 8
D	C-PFREL	1 279	v .	-1 .Not in universe
_		family relationship	v	.(MIS 1,2,3,5,6,7)
U	All		· v	O .Not in primary family
٧	0	.Not in primary family	٧	1 .No earners
٧		. Husband	V	2 .All earners full time
٧		.Wife	v v	3 .Some full time, some part time
٧	_	.Oun child	V .	4 .All earners part time
٧		Other relative	V	5 .Not in universe
٧	>	.Unmarried reference person	n r	:-PFEARN 4 287
n	C-PFSIZE	2 280		Total weekly family earnings
J		primary family		(for members 16+)
U	Ali	the country of the country of	U I	I-MIS=4 or 8
V		.Not in primary family	V	-1 .Not in primary family
٧		.Number individuals	<u>v</u>	.or not in universe
٧		.(A-FAMTYP = 1 or 3)	V (0000-9999 .Usual weekly family earnings

DATA SIZE BEGIN	DATA SIZE BEGIN
D C-PFNOER 1 291	D CXRRP 1 311
Number of earners in primary family 16+	Relationship to reference person
U All	allocation flag
V -1 .Not in universe (not in	V 0.No change
V .primary family)	V 2.Blank to value
V 0 .No earners	V 3 .Value to value
V 1-8 .1-8 Earners	V 5 .Value to value - no error
V 9.9+ Earners	
V J.7. Laineis	D CXPARENT 1 312
D C-PFNOEM 1 292	Parent's line number allocation flag
Number of employed in primary	V 0 .No change
family 16+	V 2 Biank to value
V -1 .Not in universe	V 3 .Value to value
V 0 .No one employed	V 5 .Value to value - no error
V 1-8 .1-8 Employed	2 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
V 9 .9+ Employed	D CXAGE 1 313
y . y . cmptoyed	Age allocation flag
D C-PFNOUN 1 293	V 0 .No change
Number of unemployed in primary	V 2 .Blank to value
family 16+	V 4 .Allocated
U All	ynttocated
V -1 .Not in universe (not in	D PADDING 2 314
V - 1 .NOT IN Universe (not in V .primary family)	D PADDING 2 314
V 0.No unemployed	D CXSEX 1 316
V 1-8 .1-8 Unemployed	Sex allocation flag
V 9 .9+ Unemployed	V 0 .No change
Y 9.94 Uriemployed	V 2 Blank to value
D C-FAMNGT 8 294 2	V 3 .Value to value
Family weight - two implied	V 4 Allocated
	7 -Attocated
decimal places U All	D PADDING 3 317
UALL	U PAUULAG 3 311
D C-FMEWGT 8 302 2	D CXRACE 1 320
Family earnings weight	Race allocation flag
	V 0 .No change
(2 implied decimal places) .U H-MIS=4 or 8	V 2 Blank to value
. U R-MISE4 OF 8	V 4 Allocated
*******	4 Attocated
	D CXORIGIN 1 321
* Allocation flags *	Origin allocation flag
	V 0.No change
8 CYLINENO 1 710	V . Wo change V 2 .Blank to value
D CXLINENO 1 310	
Line number allocation flag	V 5 .Value to value - no error
V 0 No change	V 8 .Blank to n/a code
V 2 .Blank to value	D DARDANO 70 700
V 3 .Value to value	D PADDING 39 322

Current Population Survey Armed Forces' Interview Data Dictionary

```
DATA
                                                                              SIZE BEGIN
DATA
            SIZE BEGIN
                                                                             12 .Other not HU
D H$PAD1
                      1
                                                                   D H-FARM
D HSPAD2
                      2
                                                                                        11
                                                                        Farm def'n - edited using urban/rural
D H-MONTH
                                                                        code
              2
     Month of survey
                                                                   UALL
                                                                        From MST and CPS-1 Items 5A and 5B
UALL
       01-12 _Month
                                                                              1 .Nonfarm
                                                                              2 .Farm
D H-YEAR
             1
     Year of survey - last digit
                                                                   D H-TYPINT
                                                                                1
                                                                        Item 13 - Type interview
                                                                   UALL
         0-9 Last digit of year
                                                                              -1 .Blank or impossible
D H-HHNUM
                                                                              1 .Noninterview
     Household number
                                                                   ٧
                                                                              2 .Personal
                                                                              3 .Tel. - regular
U ALL
                                                                              4 .Tel. - callback
5 .ICR filled
          -1 .Blank
         1-8 .Household number
                                                                   D H-RESPNM
D H-CPSCHK
             1
                                                                        Item 12 - Line no. HHLD resp.
    Item 1 - Interviewer check item
HALL
                                                                              -1 .Blank or impossible
          -1 .Blank
           1 .Only CPS-1 for household
                                                                            1-6 .Line no.
           2 .First CPS-1 of continuation
                                                                              7 .Non HHLD resp.
              .household
                                                                        AREASN 1 14
Item 14 - Reason for type A
           3 .Second CPS-1 of continuation
                                                                   D H-AREASN
              .household
                                                                   U H-HHTYPE=2
           4 .Third, fourth, etc. CPS-1
٧
                                                                             -1 .Not in universe
D H-DAYCMP
                                                                              1 .No one home
                                                                              2 .Temporarily absent
    Day interview complete
                                                                              3 .Refused
ν
          -1 .Blank
                                                                               4 .Other - occ.
٧
           1 .Sunday
           2 .Monday
                                                                   D H-ARACE
                                                                                 1
                                                                        Item 14 - Race for type A
           3 .Tuesday
            4 .Wednesday
                                                                     H-HHTYPE=2
                                                                              -1 .Not in universe
           5 .Thursday
                                                                   ٧
                                                                               1 .White
            6 .Friday
                                                                              2 .Black
3 .Other
            7 .Saturday
            8 .After interview week
     LIVORT 2 9
Item 4 - Type of living quarters
                                                                        TYPEBC 2 16
Item 15 - Type B/C
                                                                   D H-TYPEBC
D H-LIVORT
                                                                     H-HHTYPE=3
     (Recode)
                                                                             -1 .Not in universe
U ALL
                                                                        Type B
      Housing unit
                                                                             01 .Vacant - regular
02 .Vacant - storage of HHLD
          01 .House, apt., flat
02 .HU in nontransient hotel, etc.
                                                                                 .furniture
          03 .HU, perm., in trans. hotel,
                                                                              03 .Temp occ. by persons with URE
              .motel etc.
                                                                             04 .Unfit or to be demolished
           04 .HU in rooming house
                                                                             05 .Under construction, not ready
           05 .Mobile home or trailer with
              .no permanent room added
                                                                              06 .Converted to temp. business
           06 .Mobile home or trailer with 1
                                                                                 .or storage
          .or more perm. rooms added 07 .HU not specified above
                                                                              07 .Occ. by AF members or persons
                                                                                 .under 15
                                                                              08 .Unocc. tent or trailer site
     Other unit
                                                                              09 .Permit granted, construction not
          08 .Qtrs not HU in rooming or
                                                                                 .started
              .boarding house
                                                                              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
              .dormi tory
```

DATA	SIZE BEGIN	DATA SIZE BEGIN
٧ .	14 .Converted to perm. business or	y -1 .Not in universe
v	.storage	V 1.0wned or being bought
v		V 2 .Rent
-	15 .Merged	V 3 .No cash rent
V	16 .Condemned	y 3 .No cash rent
V	17 .Built after April 1, 1980	D H-FAMINC 2 26
V	18 .Unused line of listing sheet	- 11 11 11 11 11 1
٧	19 .Other	Family income
		Note: If a nonfamily household
D H-9	SEASON 1 18	(H-FAMIND=0), income includes only
	Item 16 - Seasonal status	that of householder.
U H-1	TYPEBC=1-3	U All
٧	-1 .Not in universe	V -1 .Not in universe
٧	1 .Year round	V 0 .Less than \$5,000
٧	2 .By migratory workers	v 1 .\$5,000 to \$7,499
٧	3 .Seasonally	v 2 .\$7,500 to \$9,999
		v 3 .\$10,000 to \$12,499
D H-C	DECINT 1 19	v 4 .\$12,500 to \$14,999
	Item 17 - This unit is intended for	v 5 .\$15,000 to \$19,999
	occupancy	v 6 .\$20,000 to \$24,999
U H-9	SEASON=2 or 3 and H-LIVQRT=1-7	V 7 .\$25,000 to \$29,999
v	-1 .Not in universe	V 8 .\$30,000 to \$34,999
Ÿ	1 .Summers only	V 9 .\$35,000 to \$39,999
Ÿ	2 .Winters only	v 10 .\$40,000 to \$49,999
v	3 .Other	V 11 .\$50,000 to \$59,000
•	J .other	v 12 .\$60,000 to \$74,999
.	MTDV4 2 20	V 13 .\$75,000 and Over
ו־א ע	INTRV1 2 20	V 13 .3/5,000 and over
	Interviewer code	A IA "MOT SURSHELEO
	Blank or impossible in any digit	5 H TELHID 4 30
	interviewer code A00-M99 excluding IXX	D H-TELHHD 1 28
V	-1 .Blank	Telephone in household
٧	00 .A	U All (March, July, Nov. only)
٧	01 .B	V -1 .Not in universe (noninterview
٧	02 .C	V 1 .Yes
٧	03 .D	V 2.No
V.	04 .E	
- V	05 .F	D H-TELAVL 1 29
٧	06 .G	Telephone available
V	07 .H	U H-TELHHD=2 (March, July, Nov. only)
Ÿ	08 .J	V -1 .Not in universe
v	09 .K	V 1 .Yes
Ÿ	10 .L	V 2 .No
v	11 .M	
v	12 .N	D H-TELINT 1 30
v	13 .P	Telephone interview acceptable
v	14 .Q	U H-TELHHD=1 or H-TELAVL=1 (March, July,
v	15 .R	Nov. only)
v	16 .S	V -1 .Not in universe
-		•
V	17 .T 18 .u	V 1 .Yes V 2 .No
-		V 2 .NO
V	19 -V	D H-PRSCNT 1 31
•	20 .W	
V	21 .X	Item 30 - Number of contacts - actual
V	22 .Y	and attempted personal
٧	23 .2	U March, July, Nov. only
		V -1 .Blank
U H-1	INTRV2 1 22	V 1-6 .# of personal contacts
	Interviewer Code - digit 2	V .(6 = 6+)
V	-1 .Blank	B 11 TEL BUT 4 75
٧	0-9 .Interviewer code digit 2	D H-TELCHT 1 32
		Item 30 - Number of contacts - actual
D H-1	INTRV3 1 23	and attempted telephone
	Interviewer Code - digit 3	U March, July, Nov. only
٧	-1 .Blank	V -1 .Blank
٧	0-9 .Interviewer code digit 3	V 1-9 .# of telephone contacts
		$V \qquad .(9 = 9+)$
D H-9	STATUS 1 24	
	Item 27B - NHLD status change -	DH-TIMINT 1 33
	replacement household	Item 31 - Time of interview
UAL		U March, July, Nov. only
٧	-1 .Blank	V -1 Blank
Ÿ	1 .Yes	V 1 .Midnight to 6 A.M.
v	2 .No	V 2 .6 to 9 A.M.
		V 3 .9 A.m. to noon
D H-1	TENURE 1 25	V 4 .Noon to 3 P.M.
	Tenure	
UAL		
- 11	-	

DATA SIZE BEGIN	DATA SIZE BEGIN
y 5 .3 to 6 P.M.	D H-MSTIND 5 44
v 5.3 to 6 P.M. v 6.6 to 9 P.M.	Master segment tape index
7 .9 P.M. to midnight	Unique segment identifer
*************************************	D H-HHWGT 9 49 2
* Household recodes *	Household weight (2 implied
安全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会会会会会会会会会	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 U All	in all other households
V 1 .Interview	**********
V 2 Type A non-interview	* Allocation flags *
V 3 .Type B/C non-interview	*************************************
D H-MIS 1 35	
Month in sample	D HXTENURE 1 58
U All	V 0 .No change V 1 .Value to blank
V 1-8 .Month in sample	y 1 .Value to blank V 4 .Allocated
D H-NUMPER 2 36	
Number of persons in household	D HXFAMINC 1 59
UALL	V 0 No change
y 00 .Noninterview household	y 2 .Blank to value y 6 .Refusal to value, allocated,
V 1-39 .Number of persons in HHLD	v .no error
D H-TYPE 1 38	
Household type	D HXARACE 1 60
U All	y 0 .No change y 1 .Value to blank
y 0.Non-interview household	v 4 .Allocated
V 1 .Husband/wife primary family V .(neither husband or wife in	
v .Armed Forces)	D HXCPSCHK 1 61
v 2 .Husband/wife primary family	V 0.No change V 2.Blank to value
y .(husband and/or wife in armed	V 2 .Blank to value
V .forces) V 3 .Unmarried civilian male	D HXDAYCMP 1 62
vprimary family householder	V 0 .No change
v 4 .Unmarried civilian female	y 2 .Blank to value
y primary family householder	D H%HHNUM 1 63
<pre>V 5 .Primary family household - V .reference person in</pre>	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
y individual	D HXINTRY 1 64
v 7.Civilian female primary v .individual	V 0 .No change
v 8 .Primary individual household -	y 2 .Blank to value
vreference person in Armed Forces	D HXLIVORT 1 65
V 9 .Group quarters	V 0.No change
D H-TYPERP 1 39	v 4 .Allocated
Type of reference person	y 7 .Blank to NA - no error
U H-HHTYPE=1	D HXOCCINT 1 66
y 0 .Not in universe	V 0 .No change
V 1 .Civilian V 2 .Armed Forces	v 1 .Value to blank
y 3 .Group quarters	V 4 .Allocated
	D H%RESPNM 1 67
D H-NUMFAM 2 40	D H%RESPNM 1 67 V 0 No change
Number of families in HHLD U H-HHTYPE=1	y 2 .Blank to value
V 00 .Not in universe	
V 00-39 .Number of families	D HXSEASON 1 68 V 0 No change
n u_uunero 2 /2	V 0.No change V 1.Value to blank
D H-HHDSEQ 2 42 Householder sequence number	v 4 .Allocated
(reference person)	
(Will be first adult record for	D HXSTATUS 1 69
group quarters)	V 0 .No change V 1 .Value to blank
U H-HHTYPE=1 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

```
SIZE BEGIN
DATA
           SIZE BEGIN
                                                             DATA
D HXAREASN
             1
                                                                         45 .South Dakota
                                                                         46 .Nebraska
47 .Kansas
           0 .No change
           1 .Value to blank
                                                                    South Region (Region 3)
                                                                    South Atlantic Division (Div. 5)
D HXTYPEBC
            1
          0 .No change
                                                                         51 .Delaware
           1 .Value to blank
                                                                         52 .Maryland
                                                                         53 .District of Columbia
                                                                         54 .Virginia
D HXTELHHD
          0 .No change
                                                                         55 .West Virginia
                                                                         56 .North Carolina
           1 .Value to blank
           4 .Allocated
                                                                         57 .South Carolina
                                                                         58 .Georgia
D HXTELAVL
                                                                         59 .Florida
          0 .No change
                                                                    East South Central Division (Div. 6)
           1 .Value to blank
                                                                         61 .Kentucky
                                                                         62 .Tennessee
           4 .Allocated
                                                                         63 .Alabama
D HXTELINT
                                                                         64 .Mississippi
          0 .No change
                                                                    West South Central Division (Div. 7)
                                                                         71 .Arkansas
           1 .Value to blank
           4 .Allocated
                                                                         72 .Louisiana
                                                                         73 .Oklahoma
D H%PRSCNT
                                                                         74 .Texas
          0 .No change
                                                                    West Region (Region 4)
                                                                    Mountain Division (Div. 8)
          2 .Blank to value
                                                                        81 .Montana
82 .Idaho
                   76
D HXTIMINT
          0 .No change
                                                                         83 . Wyoming
                                                                         84 .Colorado
          2 .Blank to value
                                                                         85 .New Mexico
D H%TELCHT
                                                                         86 .Arizona
          0 .No change
                                                                         87 .Utah
           7 .Blank to NA - no error
                                                                         88 .Nevada
                                                               ٧
                                                                    Pacific Division (Div. 9)
*********
                                                                         91 .Washington
     Master Segment Tape (M.S.T.) items *
                                                                         92 .Oregon
     for M.S.T. variables whose ranges are *
                                                                         93 .California
     not defined here, see geographic
                                                                         94 .Alaska
* appendix to this DDL. *
                                                                         95 . Hawaii
                                                               D HG-STRN
                                                                            2
D HG-REG
                                                                    1980 State rank
     Region
                                                                    (See Geographic Appendix)
           1 .Northeast
                                                               D HG-FIPS
                                                                            2
           2 .Midwest
                                                                    FIPS State code
           3 .South
           4 .West
                                                                    (See Geographic Appendix)
                  79
                                                               D HG-MSAS
D HG-ST60
            2
     1960 Census state code (first
                                                                    MSA status
                                                                          1 .In MSA, in CC
     digit = geog. division code)
     Northeast Region (Region 1)
                                                                          2 .In MSA, not in CC
                                                                          3 .Not in MSA
     New England Division (Div. 1)
                                                                          4 .Not identified
          11 .Maine
          12 .New Hampshire
          13 .Vermont
                                                               D HG-MSAC
                                                                                  86
                                                                    MSA or PMSA FIPS code
          14 .Massachusetts
          15 .Rhode Island
                                                                      0000 .Not MSA/PMSA, not identified
          16 .Connecticut
                                                                  0040-9340 .MST/PMSA code
     Middle Atlantic Division (Div. 2)
                                                                    (See Geographic Appendix)
          21 .New York
                                                               D HG-PMSA
                                                                                   90
          22 .New Jersey
          23 .Pennsylvania
                                                                    PMSA rank
     Midwest Region (Region 2)
                                                                        00 .Not a PMSA, not identified
     East North Central Division (Div. 3)
                                                                      01-12 . Ranking of PMSA within its CMSA
          31 .Ohio
                                                                    (See Geographic Appendix)
          32 .Indiana
33 .Illinois
                                                               D HG-MSAR
                                                                    MSA or CMSA rank
          34 .Michigan
          35 .Wisconsin
                                                                       000 .Not an MSA, not identified
     West North Central Division (Div. 4)
                                                                    001-252 . Ranking of MSAs or CMSAs by
                                                                            .population
          41 .Minnesota
                                                                    (See Geographic Appendix)
          42 .lowa
          43 .Missouri
          44 .North Dakota
```

```
SIZE BEGIN
                                                               DATA
                                                                           SIZE BEGIN
DATA
                                                                D M-AGE
                                                                              2
D HG-MSSZ
                    95
                                                                      Item 18D - Age
    MSA size
    First character -- padding
Second character -- pop. size MSA/CMSA

1 .Not identified, not an MSA
2 .100,000 - 249,999
3 .250,000 - 499,999
4 .500,000 - 000,000
                                                                 U ALL
                                                                 ٧
                                                                        15-90 .AF Age (Age topcoded at 90)
                                                                             1 122
                                                                 D M-MARITL
                                                                     Item 18E - Marital status
           4 .500,000 - 999,999
٧
          5 .1 million - 2,499,999
6 .2.5 million - 4,999,999
                                                                 ٧
                                                                            1 .Married - civilian spouse
                                                                            2 .Married - Armed Forces spouse
           7 .5 million - 9,999,999
           8 .10 million or more
                                                                               .present
                                                                            3 .Married - spouse absent
                                                                            .(exc. separated)
4 .Widowed
D HG-CMSA
         00 .Not in CMSA, not identified
       07-91 .CMSA code
                                                                            5 .Divorced
     (See Geographic Appendix)
                                                                            6 .Separated
                                                                            7 .Never married
          7 99
1 .Metropolitan
D H-METSTA
                                                                     SPOUSE 2 123
Item 18F - Spouse's line number
                                                                 D M-SPOUSE
           2 .Nonmetropolitan
                                                                 UALL
           3 .Not identified
                                                                           00 .None
                                                                        01-39 .Spouse's line number
D H-INDVCC
            1 100
     Individual central city identifier
                                                                 D M-SEX
     (See Geographic Appendix)
                                                                 Item 18G - Sex
                                                                              1 125
          1 .Interviewed adult
                                                                            1 .Male
           2 .Type A noninterview
                                                                            2 .Female
٧
           3 .Type B/C noninterview
                                                                             1
                                                                 D PADDING
           4 .Armed Forces record
           5 .Childrens record
                                                                 D A-HGA
                                                                              2 127
                                                                      Item 18H - Educational attainment
D H-ID
            12
                  102
                                                                 UALL
    Unique household identifer
                                                                           00 .None
                                                                 v
***********
                                                                           31 .Less than 1st grade
* Edited Armed Force's Control Card Items *
                                                                           32 .1st, 2nd, 3rd, or 4th grade
***********
                                                                           33 .5th or 6th grade
                                                                            34 .7th or 8th grade
                                                                           35 .9th grade
D M-LINENO
              2
                   114
                                                                           36 .10th grade
37 .11th grade
     Item 18A - Line number
                                                                 v
UALL
                                                                 ٧
                                                                           38 .12th grade-no diploma
V 01-39 .Line number
                                                                 ٧
                                                                 ٧
                                                                           39 . High school graduate-diploma,
                                                                 ٧
                                                                              .GED, etc.
D M-RRP
             2 116
     Item 18B - Relationship to reference
                                                                           40 .Some college but not degree
                                                                 ٧
     person
                                                                 ٧
                                                                           41 .Associate's degree in college-
U ALL
                                                                 ٧
                                                                              .occupational/vocational program
                                                                           42 .Associate's degree in college-
           1 .Reference person with other
             .relatives in household
                                                                              .academic program
                                                                           43 .Bachelor's degree in college-BA,
                                                                 ٧
           2 .Reference person with no other
             .relatives in household
                                                                 ٧
                                                                              .BS, AB, etc.
                                                                           44 .Master's degree-MA, MS, MBA,
           3 . Husband
           4 .Wife
                                                                                etc.
                                                                           45 .Professional school degree-MD,
           5 .Own child
           6 .Parent
7 .Brother/sister
                                                                              .DDS, DVM, etc.
                                                                           46 .Doctorate degree-PhD, EdD, etc.
           8 .Other relative of reference
                                                                 D PADDING
             .person
           9 .Nonrelative of reference
             .person with own relatives
                                                                 D M-RACE
                                                                      Item 18J - Race
              .in household
                                                                 UALL
          10 .Nonrelative of reference
                                                                            1 .White
             .person-no own relatives in
             .household
                                                                            2 .Black
                                                                 v
                                                                            3 .Amer Indian, Aleut Eskimo
             2 118
                                                                            4 .Asian or Pacific Islander
D M-PARENT
     Item 18C - Parent's line number
                                                                            5 .Other
UALL
                                                                 D PADDING 63 131
V 00 .None
      01-39 .Parent's line number
```

DATA	SIZE BEGIN	DATA	SIZE BEGIN
****	********	v	3 _Child
* Armed	Forces - Recodes *	Ä .	4 .Other relative (primary family and
*****	******	V .	unrelated subfamily only)
D M-REORG	in 2 194	D M-PFNOC	
	18K - Origin		er of own Children < 18 in primary
U ALL	4 Mauisan American	fami V All	ıy
V V	1 .Mexican American 2 .Chicano	V V	O .Not in primary family
v .	3 .Mexican (Mexicano)	Ÿ	1 .No children
V	4 .Puerto Rican	y ,	2 .1 child
V	5 .Cuben	. V	3 .2 children 4 .3 children
V	6 .Central or South American 7 .Other Spanish	v	5 .4 children
v	8 .All other	v	6 .5 children
V	9 .Don't know	V	7 .6 children
V	10 .NA	V V	8 .7 children 9 .8+ children
D M-EXPRR	P 2 196	V	y .or chitalen
	inded relationship code	D M-PFPRO	D 2 277
UALL	•	UALL	6 m
V	1 .Reference person with relatives	V V	<pre>0 .Not in primary family 1 .No children < 18 years old</pre>
V V	2 .Reference person without .relatives	v	2 .All children 0-2 years old
v	3 .Husband	Ÿ	3 .All children 3-5 years old
v	4 .Wife	٧	4 .All children 6-13 years old
V	5 .Natural/adopted child	V.	5 .All children 14-17 years old
V	6 .Step child 7 .Grandchild	V V	6 .Children 0-2 and 3-5 .(none 6-17)
V V	8 .Parent	· v	7 .Children 0-2 and 6-13
Ÿ	9 .Brother/sister	v	.(none 3-5 or 14-17)
٧	10 .Other relative	y 	8 .Children 0-2 and 14-17
V	11 .Foster child	. V	.(none 3-13) 9 .Children 3-5 and 6-13
V	12 .Nonrelative with relatives 13 .Partner/roommate	v	(none 0-2 or 14-17)
, v	14 .Nonrelative without relatives	v	10 .Children 3-5 and 14-17
•		V	(none 0-2 or 6-13)
D PADDING	g 50 198	V V	11 .Children 6-13 and 14-17 .(none 0-5)
*****	********	v	12 .Children 0-2, 3-5 and 6-13
	d Forces - Weights *	v	(none 14-17)
	********	٧	13 .Children 0-2, 3-5 and 14-17
		v	.(none 6-13)
D M-FNLW	GT 8 248 2 ed Forces - S Final Weight	V	14 .Children 0-2, 6-13 and 14-17 .(none 3-5)
	Implied Decimal Places)	v .	15 .Children 3-5, 6-13 and 14-17
U ALL		V	(none 0-2)
		V	16 .Children from all age groups
D PADDING	G 16 256	D M-PFREI	. 1 279
****	********		mary family relationship
* Femi	ily recodes *	U ALL	
*****	自由自由自由自由自由自由自由自由自由自由自由自由自由自由自由自由自由自由自由	V V	0 .Not in primary family 1 .Husband
D M-FAMNU	UM 2 272	v	2 .Wife
	ily number	v v	3 .Own child
UALL		٧	4 .Other relative
V	00 .Not a family member	V.	5 .Unmarried reference person
V V 0	01 .Primary family member only 2-19 .Subfamily member	D M-PFSI	ZE 2 280
• 0	L-19 . Subtainity incline		e of primary family
D M-FAMT	YP 1 274	U All	
	ily type	V 0.	00 Not in primary family
U All V	1 .Primary family	V 02	Number individuals
V	2 .Primary ramity	•	
v	3 .Related subfamily	D M-PFHH	
٧	4 .Unrelated subfamily		of primary family householder
٧	5 .Secondary individual	U ALL V	O .Not a family member
D M-FAMR	EL 1 275	v	1 .< 25 years old
	ily relationship	V	2 .25-44 years old
U All	·····	V	3 .45-54 years old
V	O .Not a family member	v v	4 .55-64 years old
V V	1 .Reference person	٧	5 .65+ years old
•	2 .Spouse		

DATA	SIZE BEGIN	DATA SIZE BEGIN	
D M-LFESM	1 283	D M-PFNOEM 1 292	
Labo	or force and earner status	Number of employed in primary	
	e) of husband of primary	family 16+	
	ly or male householder	V -1 .Not in universe	
U ALL	ity of mate measuretus.	V 0 .No one employed	
v ^	O .Not in primary family/no male	v 1-8 .1-8 employed	
-		V 9 .9+ employed	
V.	1 .Employed earner	y 7.5+ employed	
V	2 -Self-employed	B 44 BENEVIN 4 207	
V	3 .Without pay	D M-PFNOUN 1 293	
V	4 .Unemployed	Number of unemployed in primary	
V	5 .Not in labor force	family 16+	
٧	6 .Armed Forces	UALL	
		V -1 .Not in universe (not in	
D M-LFESF	1 284	V _primary family)	
Labo	or force and earner status (female)	V 0.No unemployed	
of w	rife of primary family or female	V 1-8 .1-8 unemployed	
	seholder	V 9.9+ unemployed	
UALL	,	, , , , , , , , , , , , , , , , , , , ,	
ν	O .Not in primary family/no female	D M-FAMWGT 8 294 2	
v		Family weight - Two implied decin	l en
-	1 .Employed earner	places	~ `
V	2 Self-employed		
V	3 .Without pay	U ALL	
V	4 .Unemployed	- 4 PMF-10-	
V	5 Not in labor force	D M-FMEWGT 8 302 2	
V	6 .Armed Forces	Family earnings weight	
		(2 implied decimal places)	
D M-PFWS	1 285		
	mary family earners wage and salary	*********	*****
	tus (16+)	* Allocation Flags	*
UALL		**************	*****
V	-1 .Not in primary family		
v		D M%LINENO 1 310	
-	0 .Not in primary family	Line number allocation flag	
V	1 .No one employed		
٧	2 .Some employed - no wage	V 0 No change	
V	.and salary workers	V 2 Blank to value	
_ V	With wage and salary workers,	V 3.Value to value	
٧	.husband/wife or reference person		
٧	.self-employed	D M%RRP 1 311	
V	4 .With wage and salary workers,	Relationship to reference	
v	.husband/wife or reference	person allocation flag	
v	.person not self-employed, other	V 0 .No change	
v	.household member self-employed	V 2.Blank to value	
v	5 .With wage and salary workers	V 3 .Value to value	
v		V 5 .Value to value - no erro	or
٧	only.	y J. value to value - no circ	,,
	- 4 204	D MXPARENT 1 312	
D M-PFFTF			e1
	al full-time/part-time status of	Parent's line number allocation (rtag
	mary family earners (16+)	V 0 No change	
U H-MIS=4		V 2 Blank to value	
V	-1 .Not in universe (MIS 1,2,3,5,6,7)	V 3 .Value to value	
٧	O .Not in primary family	V 5 .Value to value - no erro	רכ
٧	1 .No earners		
٧	2 .All earners full time	D M%AGE 1 313	
V	3 .Some full time, some part time	Age allocation flag	
v	4 .All earners part time	V 0 .No change	
v	5 .Not in universe	V 2 Blank to value	
•	J INOC III WIII Verse	V 4 .Allocated	
D M-PFEAR	RN 4 287	4 Antiboated	
		D MXMARITL 1 314	
	al weekly family earnings		
	r members 16+)	Marital status allocation flag	
U H-MIS=4		V 0 .No change	
٧	-1 .Not in primary family or	V 2 .Blank to value	
V	.not in universe	V 3 .Value to value	
V 0000-9	9999 .Usual weekly family earnings	V 4 .Allocated	
		V 5 .Value to value - no erro	or
D M-PFNOE	ER 1 291		
	ber of earners in primary family 16+	D MXSPOUSE 1 315	
UALL	and a contract of the thinty country to	Spouse's line number allocation t	flag
v Att	-1 .Not in universe (not in	V 0 .No change	
		V 2.Blank to value	
V	.primary family)		
V	0 .No earners	V 3 .Value to value	
V	1-8 .1-8 earners	V 5 .Value to value - no erro)I.
V	9 .9+ earners		

DATA	SIZE BEGIN	DATA	SIZE BEGIN
D MXSEX	1 316	D MXRACE	1 320
Sex atto	ocation flag	Race	allocation flag
V 0	.No change	V .	0 .No change
V . 2	.Blank to value	٧	2 .Blank to value
v 3	.Value to value	V	4 .Allocated
V 4	.Allocated		
		D M%ORIGI	N 1 321
D PADDING	1 317	Orig	in allocation flag
•		V	0 .No change
D M%HGA	1 318	Ÿ	2 .Blank to value
Highest	grade attended allocation flag	V	5 .Value to value - no error
	.No change	V	8 .Blank to N/A code
	.Allocated		
	***************************************	D PADDING	39 322
D M%HGC	1 319		
Highest	grade completed allocation flag		
	.No change		
•	.Blank to value		

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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-S30	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 courses -1 = Out of universe 1 = Yes 2 = No	(0368:0368) , s?	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		All persons age 15+
A-S39	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 his/her most recent d -1 = Out of univer 1 = 1993 2 = 1992 or before	egree? se	A-S40 = 1
A-S43	Character*001 In what calendar year high school? -1 = Out of univer 1 = 1993 2 = 1992 or before 9 = No response	se	A-S40 = 1 or 2
A-S44	Character*001 Did complete high an equivalency test, so -1 = Out of univer 1 = Yes 2 = No 9 = No response	uch as the GED?	A-S40 = 1 or 2
A-\$45	Character*001 Is there a computer in $1 = Yes$ $2 = No$	(0379:0379) n this household?	All persons age 15+
A-\$46	Character*001 How many computers household? -1 = Out of univer 1 = 1 2 = 2 3 = 3 or more 9 = No response		A-S45 = 1
A-S47	Character*001 In what year was the computer purchased? -1 = Out of univer 1 = 1993 2 = 1992 3 = 1991 4 = 1990 5 = 1989 6 = 1988 7 = Before 1998 8 = Don't know 9 = No response		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)	A-S45 = 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)	A-S45 = 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 -1 = Out of universe 1 = Yes 2 = No 9 = No response	(0396:0396) at 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) work	A-S49 = 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/new 9 = No response	(0405:0405) wsletters	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/fina 9 = No response	(0411:0411)	A-S49 = 1
A-S50P	Character*001 At home, what does use the computer for? -1 = Out of universe 1 = Learning to use the computer of the comput	(0412:0412) nputer	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)	A-S49 = 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	(0422:0423) ge,	A-S49 = 1
A-S52	Character*001 Check item 1 = Entry or N/A in Item 20 2 = All others	(0424:0424) OA 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) 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) ign	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 = Not allocated 1 = Allocated	(0462:0462)	
•	ADULT FINAL S	UPPLEMENT WEIGHT	
A-SUPW	GT Character*009 Adult final supplement weight (2 implied decimal places)	(0463:0471)	** Age=16+

^{**}NOTE: For producing weighted tallies of individuals less than 16 years old, use A-FNLWGT.

(0472:0508)

Character*037

Padding

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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 8t 13-16 = High school - 9th to	(0475:0476) h 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-S68C	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 constant of the consta	(0487:0487) computer	A-S67 = 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
C-S68H	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-\$69	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	
C%S60	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-S45	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

CUTCY TITM	FORM CPS-1	Section or Co		CONTROL NUMBER		
CHECK ITEM		(Bureau of the Census	,	1	'
Only CPS-1 for household		A COLOR		1	1	
First CPS-1 of continuation h'hold	A ***		v enbans	1) t	ļ
Second CPS-1 of continuation h'hold	Current	Population	M DAMAEA	ļ l	[1
Third, fourth, and fifth CPS-1	Form Approved - O.M.B. No. 1220-0100 -	- Expires 12/31/93	FOSDIC 26.1:1	PSU	SEGMENT	SERIAL
LINE NO. OF H'HOLD RESP.						
NON H'HOLD RESPONDENT Specify and Send Inter comm for interviewed household						
INTERVIEW DO ITEMS 23A-E in this CPS-1 Contain ANY ENTRY OTHER THAN NEVER WORKED						•
NONINTERVIEW TYPE A						
TYPE B		•				
ISEND INTER COMM FOR TYPE A AND CI	$\mathbb{C}^{\mathfrak{g}}$	urren	T			
TELEPHONE HOLD (Merk this box for office 'telephone hold' cases only)						
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Survey

OCTOBER 1992

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3 3	Other rel 10 3	4	4	Black 2	4	No Skip to 70)	5		usband			11	i i	Married	
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60. is . 62. When the second s	188. RELATIONSHIP TO REF. PERS. Nat./Ad Child 05 □ Step Child 06 □ Grandchild 07 □ Brother/Sister 09 □ Other rel 10 □ Foster Child 11 □ Non-relWITH OWN RELS 12 □ Non-rel-NO OWN rels 14 □ ECK ITEM Age in 18d is: 0 to 2 □ (Go to nex 3 to 14 □ (Ask 60) attending or enrolled in Yes □ (Ask 61) No □ (Skip to 66 enrolled in a public or 1001? Public □ Private □ (Include public or 1001? Public □ (Include pu	18C. PAR'S LINE NO. □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	18D. AGE - 1 2 3 4 5 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	SECOND CHILD 18G1. SEX Male 1 Female 2 18I. RACE White 1 Black 2 Amer. Ind. Aleut. Eskimo 3 Asian or Pac. Isl. 4 Other 5 ITEM of Yes 0 If Read U ask 6al hers CSkip to Chis next set of quest 's direct or hands or In home computers, it, or mainframe computers, it, or mainframe computers, it, or mainframe computers, it or games, electronic stones do not cefur to or games, electronic systems which do n-like keyboard. Yes C / Ask 6t No CSkip to requently does utiler at school? day al days a week	18J. ORIGIN	66. CHECK ITEM Entry of Yes in :em 45	LINNO C 1 2 3	ALE IN RITH WINNESS OF PROPERTY OF THE PROPERT	see then 2 AF pe 88. RELATIONS REFERENCE lef. Person WITH rel. in H'hld. tel. Person with NO rel. in H'hld tusband. Wife. latural/Adopted Ci tiesp Child branchid. branchid. cramble. Cher Rel. of Ref. Pe WITH OWN ref. is arturel/Roommate. bornel of Ref. Pe than partner/koommate. 18G1. SEX. Male. 1		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Se continu 18C. PAR'S LINE NO. Ø Ø 1 1 1 2 3 3 3 4 5 6 7 8 9 9 None	IBU. R. White Black Americal Pacific Island	18E. MJ. ST. Married spouser present p	ARITAL ATUS To a state of the

OCTOBER 1993 U.S. DEPARTI	MENT OF COMMERCE	1. CHECK ITEM	2.	3. CON	TROL NUMBER	
	Bureau of the Census	Only CPS-1 for household (Fill all applied (items on this	able		1	!!!
Current Populatio	M CHBMEN	First CPS-1 of continuation thold O page)			i	;
Samusia Larasville	IN BOMUE!	Second CPS-1 of continuation h'hold O (Transcribe I	ems		!	
FORM CPS-1		Third, fourth, etc. CPS-1.	St		<u> </u>	i
MONTH YEAR	4. TYPE OF LIVING QUARTE	as ==		6. PSU N	O. 7. SEGMENT	8. SERIAL 9. HOUSE-
000000000000000000000000000000000000000	O HOUSING UI	OTHER UNIT	-		NO.	NO. HOLD NO.
10. FIELD REPRESENTATIVE CODE A B C D E F G H J K L M	House, apartment, flat					
00000000000	HU in nontransient hotel,	motel, etc 2 C rooming or boarding house	0 0	000	000	00
0123456789	HU, permanent, in transie	nt hotel, motel, etc. 3 C t Unit not permanent t in transient hotel, motel, etc.		111		11 1
0 1 2 3 4 5 6 7 8 S	HU in rooming house	in transient notel, motel, etc.	" 0	5 5 5		5 S S
C M T W TH E C	Mobile home or trailer	Tent site or trailer site	10 0	3 3 3		3 3 3 4 4
OOOOOOOOO	with no permanent room					
12. LINE NO. OF H'HOLD RESP.	Mobile home or trailer wit		1	5 5 5	5 5 5 5 5	55 5
123456 +	or more permanent roo	. 1	12 0	666		66 6
Non. H'hid rasp. (Specify) O (Send Inter Cor	HU not specified above (L	Pescribe below) 7 O		777		77 7
Interviewed Households Or)			999		9 9
				<u></u>		(Go to 10)
13. TYPE INTERVIEW		NONINTERVIEW				
Noninterview 0	TYPE A	TYPE B	TYPE C (Send Inter	Comm)		NAL STATUS
Personal O Tel. – reguter O	14. (Mark reason and race)	15. Vacant – regular	nolished	. 1	16. I his unit is int	ended for occupancy:
Tel. – caliback	REASON ! RACE	100	nonsried		Year round	O (Fill HVS if HU in Item 4)
ICR filled O	No one home O I	1 .	se or trailer moved O		By migratory worl	cers C) (Fill Item 17
	Temporarily	Temp. occ. by persons with URE, , , C	side segment O		Seasonally	below if HU
13A. CHECK ITEM	absent O White 1	Unfit or to be demolished O	verted to permanent			
Telephone Hold		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	usiness or storage O	(10mit	17. This unit is int	tended for occupancy:
(Fill circle for office	Refused O Black 2	Converted	demned O	110-111	Summers only	
~ "telephone hold" cases only)	Other - Occ. O All other 3	Occ. by Armed Force			Winters only	
0	(Describe below)	Unoccupied tent site or trailer site	t after April 1, 1980 O		Other (Describe to	nelow) 🔾 Control Cardi
_	\ ! _	Permit granted, Uni	sed line of listing	.	/	
	\		er (Describe below). O	1 1		
					<u> </u>	
		!				i
					<u> </u>	
TRANSCRIPTION ITEMS Fill for interviewed households only. (If continuation CP:	5-1's required, only fill on first CPS-1 e	NOTES:				
27A TENURE						
(Transcribe from C.C. Item 10)						
Owned or being bought	İ					
No cash rent						
278. HOUSEHOLD STATUS CHANGE	1					
is this a replacement household this month?						
Yes O						
No O						
28. TOTAL FAMILY INCOME	 					
(Transcribe from C.C. Item 29)						
01 0 06 0 11 0						
02 O 07 O 12 O 03 O 08 O 13 O	L		. 			
04 0 09 0 14 0						
05 0 10 0 29 0					CODER NUMBER	
	4					
					A B C D E F	GHJKLM
REMINDER				1	000000	
Fill Items 18A-18J on pages 2, 5, 7, 9, and 11.					012345	6 7 9 9

B. LINE NUMBER	20. Did do any work at all LAST WEEK, not counting	21. (II J in 19, skip to 21A.)	22. (If LK in 19, skip to 22A.)	24. CHECK ITEM:	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Has been looking for work	(Rotation number)	
1 14 h	work around the house?	Did have a job or business from which he/she	during the past 4 weeks?	First digit of SEGMENT number is:	25. CHECK ITEM:
	(Note: If farm or business	was temporarily absent or		l .	(Rotation number)
9. What was doing most of LAST WEEK -	operator in hh., ask about	on layoff LAST WEEK?	Yes O No O (Go to 24)	O 1, 2, 3, 5, 6 or 7 (Skip to 26)	First digit of SEGMENT
(Working		OH MANUT PAST MATERY	22A. What has been doing in the last	O 4 or 8 (Go to 24A)	number is:
Keeping house	unpaid work.)	Yes O No O (Go 10 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 (Skip to 26)
Going to school	Yes O No O (Go to 21)	×	methods used; do not read list.)	regular job or business, either full-or	O 4 or 8 (Go to 25A)
or something else?	<i>y</i>	21A. Why was absent from	Checked pub. employ, agency O	part-time?	//
	20A. How many hours O O	work LAST WEEK?	with - pvt. employ. agency O		25A. How many hours
Working (Skip to 20A) WK O	did work 11	TOTAL DIO, MELICI		Within past 12 months O	per week does
With a job but not at work J O	LAST WEEK 22	Own illness O	employer directly	1 up to 2 years ago O	USUALLY 1 1
Looking for work LK O	atalijobs? ვვ		menos or rolotivos	2 up to 3 years ago O >(Go to 24B)	work at this job? 2 2
Keeping house		On vacation O		3 up to 4 years ago O	3 3
Going to school	20B. CHECK ITEM 55		regulary to a to	4 up to 5 years ago O	4 4
Unable to work (Skip to 24) U O	66	Bad weather, O	Other (Specify in notes, e.g., JTPA, union or prof.	5 or more years ago O]	5 5
Retired R O	49+ O (Skip to 7 7		register, etc.) O	Never worked O 24C	6 6 1
Other (Specify)	hem 23) 8 8	Labor dispute O			- 77
Sum supplier,	1-34 O 1GO 10 9 9	Laura diappite O.	22B. At the time started looking	24B. Why did leave that joh?	■ 6 6
`	200	New job to begin /Skin to	for work, was it because he/she	Personal, family	9 9 1
	35-48 O (Go to 200)	within 30 days O 22B and	lost or quit a job or was there	(Incl. pregnancy) or school O	
	35-46 U 100 to 2001	within 30 days O 228 and 22C2)	some other reason?	Health	25B. Is paid by the hour
	20D. Did lose any time or	Temporary layoff	Lost job O	Health O	on this job?
	take any time off LAST	(Under 30 days) O	Quit job O	Retirement or old age O	Yes O (Go to 25C)
7	WEEK for any reason	/Chin	Left school		No Q (Skip to 25D)
-	such as illness, holiday	to	Wanted temporary work	Seasonal job completed O	NO O JORID TO ZOUT
	or stack work?	030 days or more 22C3)	Change in home	Stack work or business conditions O	25C. How much Dollars Cents
OC. Does USUALLY work 35	Or stack Works	date) O	or family responsibilities O	1	
hours or more a week at this job?	Yes O How many hours	(Left military service O	Temporary nonsessonal job completed O	
	-: did take off? 2	Other (Specify) O	Other (Specify in notes)	Unsatisfactory work	ner hour? 11 11
Yes O What is the reason		1	- Culti laboury in notes) U	arrangements (Hours,pay, etc.)	ssss
worked less than			22C. 1) How many weeks 🐰 🛇	Other	3 3 3 3
35 hours LAST WEEK?	(Correct 20A if lost time	21B. ts receiving wages	hasbeen looking 1 1	24C. Does want a regular job now,	4444
	not already deducted;	or salary from his/her	for work? 2.2	either full-or part-time?	55 55
No O What is the reason	if 20A reduced below 35.	employer for any of the		-	6666
USUALLY works	If ZUA reduced below 35, correct 208 and fill 200)	time off LAST WEEK?	3 3 2) How many weeks ago д д	Yes O Maybe - it depends (See to 240)	
less than 35 hours	CONTROL 200 BITO INI 200)	United DASI WEEK!		Maybe - it depends O J (Specify in notes)	8888
a week?	1	Yes O			9999
	No 0		, .	No O (Skip to 24E)	. -
(Mark the appropriate reason)	J F	No O	7.7		(Ask 25D) REF O
Stack work	20E. Did work any overtime	l	3) How many weeks ago g g	24D. What are the reasons is not	25D. How much does
•	or at more than one job	arc Barra and and and and and and and and and an	wastaid off? g.g.	looking for work? (Mark each reason mentioned)	HOUSELEN
Material shortage O	LAST WEEK?	21C. Does usually work	and the feed of the first	1	. 0000
Disease or managing or	Vac C Herrina	35 hours or more a week	22D. Has been looking for full-time	Betieves no work available in line of work or area	eam per week 1 1 1 1
Plant or machine repair O	Yes O How many extra hours didwork?	at this job?	or part-time work?	Couldn't find any work	at this job 222
New job started during week . O	1		FUIL O PART O		deductions?
· -		Yes O	22E. Could , have taken a job LAST	Lacks nec, schooling, training, skills or experience.	444
Job termineted during week , , O	(Correct 20A and 20B as	No O	WEEK if one had been offered?		5551
Could find only part-time work O				Employers	overtime pay, 666
	necessary if extra hours		Yes O No O Why not?	think too young or too old O	commissions, 777
Holiday (Legal or religious) O	not already included and	ISkip to 23 and enter job	Already has a job O	Other pers. handicap in finding job	or tips usually
Labor disputa	skip to 23.)	held last week)	Temporary illness O		received.
Labor dispute	No C		Going to school O	Can't arrange <u>child care</u> O	, 5 1
Bad weather O	_	1	Other (Specify in notes)	Family responsibilities O	REF O
	(Skip to 23)	L	Other (speany in notes)	Torring responsibilities	ner Outline
Own illness O	O INDUSTRY	OCCUPATION	22F. When did last work at a	In school or other training O	25E. On this job, is a member
On vacation	1. 000	00	full-time job or business lasting	·	of a labor union or of an
	15 111	111	2 consecutive weeks or more?	th health, physical disability O	employee association similar
Too busy with housework, school, personal bus., etc. O	C 222	888	Within last 12 months (Specify) O	Other (Specify in notes)	to a union?
Did not want full-time work	E 333	3 3 3	(Month)	1	Yes O (Skip to 26)
	4 4	4 4 4	1 to 5 years ago O	Don't know	No O (Ask 25F)
Full-time work week	,	+ + + + - - 5 5 5	More than 5 years ago	24E. Does intend to look for work	1
	7	1 666	Never worked	of any kind in the next 12 months?	25F. On this job, is covered
Other reason (Specify) O	E 66		full-time 2 wks. or more O	Yes	by a union or employee
`	0 77	777	Never worked at all	It depends (Specify in notes) O	association contract?
	N 88	888	(SKIP to 23. If layoff entered in 21A,		
	L 99	999	enter job, either full- or part-time, from	No	Yes O \ rcanage
	Y Ref. O	Ref. O	which leid off. Else enter lest full-time	Don't know	No O (Go to 26)

3		
23A. For whom did work? (Name of company, business, organization or other employer.)	23E. Was this person	23F. CHECK ITEM:
	An employee of a PRIVATE Co., bus., or individual for wages, salary or comm P O	4
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	Entry (or NA) T
	A STATE government employee	(Go to 25
	A LOCAL government employee L O	Entry (or NA) page)
23C. What kind of work was doing? (For example: electrical engineer, stock clark, typist, farmer.)	Self-empl. in OWN bus., prof. practice, or farm	in item 21B
	Is the business incorporated? { Yes	
23D. What were 's most important activities or duties at this job? (For example: types, keeps account books, files,	Is the business incorporated? { Yes	All other cases O (Skip to 26)
sells cars, operates printing press, finishes concrete.)	I Working WITHOUT PAY in fam. bus. or farm WP O 10 267 I	
	NEVER WORKED NEV O	

T-00	AND DELL'AND TO DESERVE PERCON		18C.	180.	18E. MARITAL STAT	iic.	18F.	18G1. SEX					~	-
18A.	18B. RELATIONSHIP TO REFERENCE PERSON		PAR'S	AGE	INE. MANITAL STAT	05	SPOUSE'S	l						ا نے
NO.	flet. Person VVITH rei. in Hinkl		LINE	AGE	ł		LINE	Me		18H. E	DUCATIONAL	18I. HACE	:	18J.
140.	Ref. Person with NO rel an H'hld		NO.		Married -		NUMBER	Fe	male 2 📝	A	TTAINMENT			ORIGIN
ł		03 C		-	spouse present 1	(Fill	İ	1000 155				White.	1	00
00	Wife	04 😂	0.0	0	present 1	18F)	0.0	l	ERAN STATUS		Ø.	Black .	г	1 1
111	Natural/Adopted Child	05 🔾	1.1	1 1	Married -		1.1) Ve	teran 7		1	0.00		S 5
2.2	Step Child		5.5	3 2	spouse 2		5.5	1	<i>•</i>		s	Amer. I		3 3
3 3	Grandchild	07 🙄	3 3	3 3	(Exclude	ì	3 3	i	Vietnam Era 🖫		3 3	Aleut, E	Eskimo 3	4
4	Parent	08 🗅	4	4 +	separated)		4	l	Korean War 2		4 4			5
5	Brother/Sister	0 9 C	5	ē €	Widowed 3	(Sk.c	5		World War II 3		5	Asian o		6
6	Other Rel. of Ref. person.	10 🔾	6	3.6	11.2000	> 10	€		World War 1 4		6	Pacific	151 . 4	7
7	Foster Child	11 0	7	9.9	Divorced 4	18G1	7	ŀ	Other Service 5		7	Other .	5	7
5	Non-rel. of Ref. Person		- 5	5.5	Separated 5	j		, NO	onveteran 6		8		_	0
9	WITH OWN rel. in H'hld	12	9	€ €	Never	l	9	ļ			9		_	9
1	Partner/Roommate	13 0	None		married 6	,	1	l				1		
	Non-rel. of Ref. Person tother than partner/		0									1		
-	roommate) with NO OWN rel, in H'hld., , .	J4 O	1	1	-		1		_		_			l
26 CHE	CK ITEM:	34. is this a	2-year colle	oe or a 4	year college or	LEAD	-IN: This no	xt set of que	stions has to do with	's 51	. During the last n	nonth, on av	erage, how r	many days
(Tre	nscribe from Control Card Item 18)	universi		•	,	direc	t or hands o	in use of cor	nputers. These comput	ers	per week did			
Th	s person is	2-year	college (co	mmunity		may	be persona	or home co	mputers, mini compute	rs,		_		
	5-24 years of age O (Ask 26A)		inior college						ese questions do not re ames, electronic video	rer	7 days		1 day	0
All	others O (Skip to 26C)	4-year	college or u	university	0				not use a typewriter-lif	.	6 days		Less than	n
1		35 NOTE: E	or persons a	enrolled in	college (21-26 in	keyb	oard.				5 days		once a wee	JK ()
26A. (//	"School" in 19, Verify) LAST WEEK as attending or enrolled in a high	item 32)	read the pe	renthetical	phrase.	ASK	ITEM3 45, 4	0, 47, and 48	ONCE OF FIRST D, TRANSCRIBE DIREC		4 davs		Not used in	_
80	hool, college, or university?	Excludir	g (regular e	college co	urses and) on the job	RESE	PONDENT IN	HOUSEHOL	.D, TRANSCRIBE DIREC ENTS AND BEGIN WITH	LY	3 days		last month	•
1 4	fark "Yes" if currently on holiday or asonal vacation. Mark "No" for				siness, vocational,	ITEM	49.	3 MEST ONDE	INTO AND BEGIN WITH		2 days	0	Don't know .	0
50	mmer vecation).				r correspondence			nouter in thi	is household?	5	2. CHECK ITEM			
1	Yes O Merify! No O Skip to	courses	7] "	, there e co			1 "				
1	785 U (1961)) NO U (380)	ŀ	Yes	C No	0	1		Yes C		- 1	Entry or N/A in item 20A or item	m 21R (∩ (Ask 53)	_
1	High school O (Ask 268)	36 W/se	ettending (or enrolle	in a regular school	1		No C	(Skip to 52)	ı	All others			i5)
1	College or Univ. O				nat is, October of	46 1	low many c	omouters as	e there in this					
268 la	enrolled in school as a full-time	last year			ia, ng Databar ar		ousehold?	omputers an	C tribite in trip	5	3. Does directly	/ use a comp	outer at work	.7
	part-time student?	,	Yes	C IAsk 3	37)	1		c		- 1	Y	res O (As	ck 541	
1 -	· , ,	[No	C (Skip	to 38)	1		5		- 1		No O ISk		
1	Full-time O Fall 26C)	27 What as	-do or		attending last year?	- 1		more C						
l _	rail-une O j	37. WHELE			arrenand sast Aces					5-	4. At work, what do			
	ECK ITEM: Who responded to the	} .	Ele	mentary		47. h	n what year	was the (ne	west) computer	- 1	ISHOW FLASHO	ARD B. MAR	K ALL THAT	APPLY)
lai	or force items for this person?		123	4 5 6	7 8		ourchased?			- 1	Analysis	0	Games	^
1	-	ł	000	000	0 0		1993	- •••••	0	- 1	Bookkeeping		Graphics	
1	Self O					1			· C	- 1.	Bulletin boards .		Inventory con	
-	Other O	ŀ	High	n School		1								
1	Self/Other O J y	l	9 10	11 12	?	İ			re 1988 O	- 1	Calendar/schedul	•	Invoicing	
		ļ	0 0	o di d	1	į.	1990	יחסע	t know C		Communications		Learning to u	
	DER: ASK THE LABOR FORCE QUESTIONS	ŧ				48. V	Vhich of the	following it	ems does the (newest)		Computer-Assiste		the comput	
	L HOUSEHOLD MEMBERS BEFORE ASKING	ļ	Ç	offege			omputer ha				Design (CAD)		Programming	
THE SI	PPLEMENT QUESTIONS.		21 22 23	3 24 25	3 26	1 4	READ LIST	MARK ALL	THAT APPLY)		Databases		Sales	
l	SUPPLEMENT QUESTIONS		0 0 0	0 0	· · o	1				- 1	Desktop publishir		Spread sheet	
	oproved O.M.B. No. 0607-0464: Expires 12-31-93					-	Floppy disk		Color monitor O	- 1	newsletters .		Telemarketing	
1	ECK ITEM	38. CHECK				1	Hard disk dr		Joystick control O	1	Educational		Word process	•
Scr	ool enrollment status (Transcribe from 26A)	Er	itry of *1-12* in item 32	C. (S	kip to 45)	1	Optical disk		Mouse control O		programs		Other	
1	Yes O]	Δ.	others				Dot matrix p		Fax card O		Electronic mail .	0	Don't know	0
	No O (Verify 30)					┥	Laser printe		Telephone modern O	-				
l l	Blank O (Ask 30)	39. CHECK					Plotter		Other 0	5	5. CHECK ITEM			_
			ye 15 - 29 .				Scanner	2	Don't know O	- 1	Entry of "Yes" in i	item 30 r	O (Ask 56)	
30. ls .	attending or enrolled in regular school?	A	ge 30+	. C 15	kip to 45)	49 1	Does dir	activ use a c	omputer at home?	\neg	All others			:8)
ĺ	Yes O (Ask 31)	40. CHECK	TEM			1 ~ `			_	,				
1	NO () (Skip to 35)	1		lamas cl		1			(Ask 50)	5	6. Dues directly	y use a com	puter at scho	rol?
-			ge Graduate in CC item		O (Skip to 42)			No C	(Skip to 52)	[
31. ls .	enrolled in public or private school?	5	School Grad			50.	At home, w	at does	use the computer for?	\neg		Yes O (A:		
1	Public O	of 39	40 in CC ite	m 23i	. (Skip to 43)				MARK ALL THAT APPLY)			No O (S)	KID (O 38)	
1	Private O				. O (Ask 41)	1		_	C-unbin-	、	7. 11			
1							Analysis .		Graphics	- ⁵	7. How frequently	0085 US6	e ine comput	75 1B.
32. Wi	at grade or year is attending?	41. In what		ear did	. last attend		Bookkeeping		Home-based	, I	school?		^	
1	Elementary		school?	_ ,		ł	Bulletin boar	٠ د	business	-	Every day			
1	123456787		93 103 ar bafar		(Skip to 45)) (Calendar/	~	Household records/finance	,	Once a week		0	
1	00000000		992 or beforever attende		י ושאוף וט אוויים ו	1.	scheduling Communicat			-	Less than once a		0	
1	L	N	- ve: e((en06			i			Learning to use the computer	٦ L	Don't know		-	
1	High School (Skip to 36)				. receive his/her	1 '	Connect to computer a	u work ^	Programming		SURLENIUW		-	
1	9 10 11 12	most re	cent degree	e?		1			Sales		8. Who reported fo	or this name	m?	
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111	entry in 26B, SKIP TO item 34, OTHERWISE,		993		. 5	1	Educational		Work at home		Nonrelative		0	
asi	item 33)	19	992 or befor	e C		<u> </u>	programs			,				
	attending college full-time or part-time?	44. Did	complete h	igh school	l by means of an		Electronic m		Other	_			, .	
1			ency test, s			1 '	Games		Don't know		f this is the last pers to to page 2 and cor			
1	Full-time O	1	U			1				ءِ ا	jo to page 2 and cor iny children 0-14 yea	nerns ars old.	or ru as app	illaure, ruf
1	Part-time O	l	Yes	_ N	• 0	1				J.	,			

	,				·
18. LINE NUMBER	20. Did do any work at all	21. Iff J in 19. skip to 21A.)	22. (If LK in 19, skip to 22A.)	24. CHECK ITEM:	: 1
i	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:	(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?	100 100 100 100 100 100 100 100 100 100	O 4 or 8 (Go to 24A)	number is:
(Working	unpaid work.)	1	22A. What has , been doing in the last	<u> </u>	Homber is.
Keeping house	Yes O No O (Go to 21)	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 (Skip to 26)
Going to school	Fes C No C 10010211	<i>y</i>	methods used; do not read list.)	regular job or business, either full-or	O 4 or 8 (Go to 25A)
or something else?	20A. How many hours a a	21A. Why was absent from	Cnecked pub. employ. agency O	part-time?	
197 3		work LAST WEEK?	with - pvt. employ, agency O	Within past 12 months O	25A. How many hours
Working (Skip to 20AL, WK C	1.000.0000		employer directly . O		Po
With a job but not at work J C		Own illness	friends or relatives	1 up to 2 years ago O	USUALLY 1 1
Looking for workLK		_	Placed or answered ads	2 up to 3 years ago	work at this job? 2 2 3 3
Keeping houseH C	20B. CHECK ITEM 5 5	On vacation 3	Nothing (Skip to 24) O		4 4
Going to school			Other (Specify in notes, e.g.,	4 up to 5 years ago O	l ' ' I
Unable to work (Skip to 24) U C	66	Bad weather	JTPA, union or prof.	5 or more years ago . O } (Skip to	5 5
Retired	49+ O (Skip to 7 7		register, etc.) O	Never worked O J 24C)	6 6
Other (Specify)OT C	Item 23) 8 8	Labor dispute O	22B. At the time started looking	24B. Why did leave that job?	7 7
1	1-34 C (Gu tu 9 9 9		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
ł	35-48 O (Go to 200)	within 30 days 228 and	some other reason?		25B. Is paid by the hour
1	mo_pid	22C2) Temporary layoff	• Lost job O	Health O	on this job?
1	20D. Did lose any time or	(Under 30 days)	• Quit job O	Retirement or old age O	1
	take any time off LAST	1	• Left school O	nementality do ago	Yes O (Go to 25C)
•	WEEK for any reason	Indefinite layoff (Skip	Wanted temporary work	Seasonal job completed	No O (Skip to 25D)
1	such as illness, holiday	(30 days or more 22C3)		Slack work or business conditions O	
20C. Does USUALLY work 35	or slack work?	or no det. recall	Change in home or family responsibilities		25C. How much Dollars Cents
hours or more a week at this job?	V- 0 II	date)		Temporary nonseasonal job completed O	does OOOO
1	Yes O How many hours did take off?	Other (Specify) O	•	Unsatisfactory work	per hour? 1 1 1 1
Yes O What is the reason	J	1	Other (Specify in notes) O	arrangements (Hours,pay, etc.)	ss ss ingilia
worked less than	ł		22C. 1) How many weeks O O	Other	3 3 3 3 3
35 hours LAST WEEK?	(Correct 20A if lost time	218. ls , receiving wages	hasbeen looking 1 1	24C. Does want a regular job now,	4 4 4 4 4
	not already deducted;	or salary from his/her	for work? 2 2	either full-or part-time?	55 55
No O What is the reason	if 20A reduced below 35.	employer for any of the		The second secon	
USUALLY works	correct 20B and fill 20C)	time off LAST WEEK?	2) How many weeks ago 4, 4	Yes O (Go to 24D)	
less than 35 hours				(Specify in notes)	88 88
a week?		Yes C	for work? 66	No O } (Skip to 24E)	9999
(Mark the appropriate reason)	No C — Z	1	,	Don't know O STAND TO 24E	MAL SEDI REF C
whark the appropriate reason)	20E. Did work any overtime	No C	7 7 3) How many weeks ago o g	0.00 115	(Ask 35D) HEF
Slack work	1	Ī.	3) How many weeks ago e.g. g waslaid off? o.g.	24D. What are the reasons is not looking for work?	25D. How much does
	or at more than one job				
! ~		21C Done would work	1	(Mark each reason mentioned)	USUALLY 2222
Material shortage	LAST WEEK?	21C. Does usually work		(Mark each reason mentioned)	USUALLY 0000
1	LAST WEEK?	35 hours or more a week	22D. Has been looking for full-time	(Mark each reason mentioned)	earn per week 1 1 1 1
Plant or machine repair		35 hours or more a week	22D. Has been looking for full-time or part-time work?	(Mark <u>each</u> reason mentioned) Believes no work available in line of work or area	earn per week 1 1 1 1
1	LAST WEEK? Yes C How many extra	35 hours or more a week at this job?	22D. Has been looking for full-time or part-time work? Full O Part O	Mark each reason mentioned) Believes no work available in line of work or area Couldn't find any work	eam per week 1 1 1 1 at this job 2 2 3 BEFORE 3 3 3 3
Plant or machine repair	LAST WEEK? Yes C How many extra	35 hours or more a week at this job?	22D. Has been looking for full-time or part-time work? Full O Part O 22E. Could have taken a job LAST	(Mark <u>each</u> reason mentioned) Believes no work available in line of work or area	eam per week 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 4
Plant or mechine repair	LAST WEEK? Yes C How many extra	35 hours or more a week at this job?	22D. Has been looking for full-time or part-time work? Full O Part O	Mark egch reason mentioned	aam per week 1 1 1 1 1 at this job 2 2 2 3 BEFORE 3 3 3 3 deductions? 4 4 4 4 lectude any 5 5 5 5
Plant or machine repair	Yes C How many extra hours did work	35 hours or more a week at this job?	22D. Has been looking for full-time or part-time work? Full O Part O 22E. Could have taken a job LAST	Mark gach reason mentioned	earn per week 1 1 1 1 1 at this job 2 2 3 BEFORE 3 3 3 3 deductions? 4 4 4 include any overtime pay, commissions 6 6 6
Plant or machine repair	Yes C How many extra hours did work	35 hours or more a week at this job? Yes C No C	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	sam 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 commissions, or tips usually 7 7 7
Plant or machine repair	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 C No C (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 not? Already has a job O	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job BEFORE 3 3 3 deductions? 4 4 4 fencude any overtime pay, 6 6 6 commissions, or tips usually 7 7 3 or tips usually 8 8 8
Plant or machine repair	LAST WEEK? Yes C How many extra hours did work? (Correct 20A and 208 as necessary if extra hours not already included and skip to 23.)	35 hours or more a week at this job? Yes C No C	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 iliness O	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job BEFORE 3 3 3 deductions? 4 4 4 include any overtime pay, commissions, 7 7 7 or tips usually
Plant or machine repair	LAST WEEK? Yes C How many extra hours did work? (Correct 20A and 208 as necessary if extra hours not already included and skip to 23.) No C	35 hours or more a week at this job? Yes C No C (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 not? Already has a job O Temporary illness. O Going to eshoot	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 finclude any 5 5 5 commissions, 6 6 6 commissions, or tips usually 8 8 8 received.
Plant or machine repair	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)	35 hours or more a week at this job? Yes No (Skip to 23 and enter job held last week)	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 iliness O	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? Include any overtime pay, commissions, 6 6 5 commissions, 7 7 7 7 received. 9 9 9 9 S
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Plant or machine repair	LAST WEEK? Yes C How many extra hours did work? i(Correct 20A and 208 as necessary if extra hours not already included and skip to 23 J No C	35 hours or more a week at this job? Yes No (Skip to 23 and enter job held last week)	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 iliness O Going to echool	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 3 deductions? 4 4 4 fenducts any overtime pay, commissions, 7 7 7 commissions, or tips usually received. 8 8 9 9 5 5 FREF C 25E. On this job, is a member of a labor union or of an
Plant or machine repair	LAST WEEK? Yes C How many extra hours did work! ICorrect 20A and 208 as necessary if extra hours not already included and skip to 23.) No C (Skip to 23) O (NDUSTRY) F © ② ②	35 hours or more a week at this job? Yes No ISkip to 23 and enter job held last week) OCCUPATION	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 echool O Other (Specify in notes) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more?	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 include any 5 5 5 5 commissions, 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Plant or machine repair	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 S Skip to 23) O INDUSTRY F © 0 0 I I 1 1 C = 2 2	35 hours or more a week at this job? Yes C No C (Skip to 23 and enter job helid last week) OCCUPATION © C	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 Genig to echool	Mark each reason mentioned	aam per week 1 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 include any 5 5 5 5 overtime pay, commissions, 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Plent or machine repair	LAST WEEK? Yes C How many extra hours did work? i(Correct 20A and 20B as necessary if extra hours not already included and skip to 23 J No C Skip to 23 J O INDUSTRY F © © © I I I I	35 hours or more a week at this job? Yes □ No □ (Skip to 23 and enter job held last week) OCCUPATION □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	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 iliness O Going to exhool O Other (Specify in notes) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) O (Month)	Mark each reason mentioned	sam per week 1 1 1 1 1 at this job 2 2 2 BEFORE 3 3 3 deductions? 4 4 4 include any 5 5 5 5 commissions, 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Plant or machine repair	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 Sign to 23 O INDUSTRY F © 0 0 I I I C = 2 0 0 E 3 3 3 3	35 hours or more a week at this job? Yes C No C ISkip to 23 and enter job held last week) OCCUPATION C C 1 C C D C C	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 echool O Other (Specify in notes) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) O (Month)	Mark each reason mentioned	sam per week 1 1 1 1 at this job BEFORE 3 3 3 deductions? Include any 5 5 5 overtime pay, commissions, or tips usually received. S 9 9 9 S REF C 25E. On this job, is a member of a lebor union or of an employee association similar to a union?
Plant or machine repair	LAST WEEK? Yes C How many extra hours did work! ICorrect 20A and 208 as necessary if extra hours not already included and skip to 23.) No C (Skip to 23) O INDUSTRY F © © Ø I I I I C © © © 3 3 3	35 hours or more a week at this job? Yes C No C (Skip to 23 and enter job helid last week) OCCUPATION C C C C C C C C C C C C C C C C C C C	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 echool	Mark each reason mentioned	asm per week 1 1 1 1 at this job 2 2 8 BEFORE 3 3 3 deductions? 4 4 4 Include any 5 5 5 commissions, 6 6 6 or tipe usually 8 8 9 received. 9 9 9 2 S REF C 25E. On this job, is a member of a lebor union or of an employee association similar to a union? Yes O (Skip to 26) No (Ask 25F)
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Plant or machine repair	LAST WEEK? Yes C How many extra hours did work! ICorrect 20A and 208 as necessary if extra hours not already included and skip to 23) No C (Skip to 23) O INDUSTRY F © © Ø I I I C © © © 3 3 3 U 4 4 S 5 5 E 5 6 O 7 7	35 hours or more a week at this job? Yes C No C (Skip to 23 and enter job helid last week) OCCUPATION C C C C C C C C C C C C C C C C C C C	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 Geing to school. O Other (Specify in notes) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) O (Month) 1 to 5 yeers ago O More than 5 years ago. O Never worked full-time 2 wks. or more O Never worked at all O	Mark each reason mentioned	asm 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 commissions, 7 7 7 received. 8 8 9 received. 9 9 9 5 S REF C 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 (Ask 25F)
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Plant or machine repair. New job started during week. Jeb terminated during week. Could find only part-time work. Holiday (Legal or religious). Labor dispute. Bad weether. Own illness. On vacation. Too busy with housework, school, personal bus, etc. Did not want full-time work. Full-time work week under 35 hours. Other reason (Specify).	LAST WEEK? Yes C How many extra hours did work? ICorrect 20A and 208 as necessary if extra hours not already included and skip to 231 No C Sickip to 231 O INDUSTRY F © © © I I I I C © © © I I I I C © © © I I I I	35 hours or more a week at this job? Yes C No C (Skip to 23 and enter job held last week) OCCUPATION C C 1	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 exhool. O Other (Specify in notes) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) O (Month) 1 to 5 years ago. O Never worked 1.0 I to 5 years ago. O Never worked 2.0 I to 5 years ago. O Never	Mark each reason mentioned	aam 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 5 commissions, 7 7 7 commissions, 7 7 7 sectived. 9 9 9 9 S REF C 25E. On this job, is a member of a labor 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
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26. CHE	CK ITEM:	34. is this a	2 year colle	age or a 4	year college or	LEAD	IN: This ne	et set of questi	ions has to do with .	's 61. During the las	t month, on average, how m	any days
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	6-24 years of age O (Ask 26A)	Or ju	mor college						e questions do not re	1	O 1 day	0
All	others O (Skip to 26C)	4-yea	college or u	university	0	Game	no-neto car es or sveter	ns which do no	nes, electronic video ot use a typewriter-lik		O Less than	
i		25 NOTE 6	nr nemone i	earolled in	college (21-26 in	keyb				b days .	O once a week	K ()
26A. (#	"School" in 19, Verify) LAST WEEK as attending or enrolled in a high	item 32)	read the pa	renthetica	phrasa.	ASK	TEMS 45, 4	6, 47, and 48 Of	NCE OF FIRST		O Not used in	
l sc	hool, college, or university?	Excludin	o (recular o	college co	urses and) on the job	RESP	ONDENT IN	HOUSEHOLD,	TRANSCRIBE DIRECT	ZY 3 days	O last month.	. 0
/A	fark 'Yes' if currently on holiday or				iness, vocational,	ITEM	FOLLOWING	HESPUNDEN	TS AND BEGIN WITH	2 days	O Don't know	0
50	nasonal vacation. Mark "No" for immer vacation).				correspondence					CA CUICOV CTTA		
1	L.	courses		,		45. ts	there a col	nputer in this h	nousenoia?	52. CHECK ITEM	•	-
1	Yes O (Verify) No O (Skip to 26C)		Yes	O No	0	ł		Yes O (Asi	ik 46)	Entry or N/A in		
1	High echani O			:		4		No O (Ski	ip to 52)		tem 21B O (Ask 53)	
1	College or Univ. O (Ask 26B)				in a regular school	<u> </u>				All Others	(Skip to 55)	N
1 _				er 1992, ti	at is October of			omputers are the	here in this	53. Does direc	tly use a computer at work?	,
	enrolled in school as a full-time	last yea	Yes	O (Ask 3	17)	l p	ousehold?					
or	part-time student?			O (Skip				O			Yes (Ask 54)	
1	Full-time O (Fill 20C)		110	O 10x1p		ļ		o		-	No O (Skip to 55)	
I	Pert-time O	37. What gr	ade or year	was	ttending last year?		3 or	more O		54 At work what	does use the computer f	for?
200 (1	ECK ITEM: Who responded to the	i	Ele	mentary		47 10	what was	was the (newe	et) computer		ICARD B. MARK ALL THAT A	
	or force items for this person?		1 2 3		7 0		urchased?	was are there	at/ computer	10.70.17.2	Sale D. Machine L. Communication	,
-	tores notice to the person.	1				"	0101100001			Analysis	O Games	С
	Self O	1	000	000	J 0	1	1993	D 1989	0	Bookkeeping .	O Graphics	Ç
	Ottes O 2-7	1	High	School		1	1992	D 1998	0	Bulletin boards	f O Inventory contr	rot C
	Self/Other O	1				1	1991	O Before 1	1988 O	Calendar/sched	fuling O Invoicing	C
		1) 11 12		1	1990	Don't kn	now O	Communication	ns O Learning to use	_
DEMIN	DER: ASK THE LABOR FORCE QUESTIONS	1	.0 0	0 0		└				Computer-Assi		
	L HOUSEHOLD MEMBERS BEFORE ASKING								ns does the (newest)	Design (CAD		
	PPLEMENT QUESTIONS.	1	_	ollege			omputer ha			Databases		
	SUPPLEMENT QUESTIONS		21 22 23				READ LIST -	MARK ALL TH	IAT APPLY)	Desktop publis		
Form A	oproved O.M.B. No. 0607-0464; Expires 12-31-93		000	0 0	o -	i i	Floppy disk (drive O C	Color monitor O	newsletters		
	CK ITEM	38. CHECK	TEM			-	Hard disk dri		oystick control O	Educational	Word processing	
ŧ		l e.	170	i		1	Optical disk		Aouse control O	programs		-
Sch	ool enrollment status (Transcribe from 26A)	1 7	nitem 32.	, O 15	kip to 45)		Dot matrix p		ax card O	Electronic mail		
ł	Yes O (Venty 30)	Al	others	. O IF	ii 39i		Laser printer		elephone modern O	LIOCUOINE ITALI	O Duit know	0
. [NO U J	39. CHECK	TEM			-	Plotter		Other O	55. CHECK ITEM		
1	Blank O (Ask 30)		ісм je 15 - 29 .	0 /5	H 401		Scanner		Don't know O			
20 1	amonding as another in seculos 5 19		ю 10 - 25°. ю 30+					U			n item 30 O (Ask 56)	_
30. IS .	attending or enrolled in regular school?					49. C	oes din	ectly use a com	puter at home?	All others	O (Skip to 58)	()
1	Yes O (Ask 31)	40. CHECK	TEM			1		Yes O (As	st 50i	· L		
1	No U (Skip to 35)	Collec	e Graduate	lentry of		1		No O (Sk		56. Does direc	tly use a computer at school)17
29 10	anolled in public or 17	41-46	in CC item	23)	O (Skip to 42)						Yes O (Ask 57)	
31.18.	enrolled in public or private school?		School Grad						e the computer for?	1	No O (Skip to 58)	
1	Public O	of 39-	40 in CC ite	m 23)	(Skip to 43)	1	SHOW FLAS	HCARD A. MAF	RK ALL THAT APPLY)		140 (2 104)	
1	Private O	Not F	igh School (Graduate	O (Ask 41)	١.	naheir	^	Graphics	57 Handers	ly does use the computer	r at
90 110		+			last award		vnalysis lookkeeping			school?	y woes use the computer	n et
32. Wh	at grade or year is attending?	41. In what		ar old	last attend				Home-based business (- 1	0	
1	Elementary	regular		~ ·			lulletin board				O	
1	12345678		93		/Skin en 451	1 9	alendar/	^	Household	Several days a		
1	00000000		92 or before		(Skip to 45)	1 .	scheduling		records/finance (
1		N	ver attende	a 0)		1	ommunicati	unis U	Learning to use	Less than once		
1	High School Skip to 36)	42. In what	calendar ve	er did	receive his/her	7 9	connect to		the computer (0	
1	9 10 11 12		cent degree			1	computer a		Programming (4	
1	0000	1 15	93	. 0		1 9	Computer-As		Sales	58. Who reported	ior inis person/	-
1	,		92 or before			1 -	Design (CA		School	Self	o	-
1	College	L				-1	etabases		assignments (Parent	., 0	
1 :	21 22 23 24 25 26	43. In what		ear did	complete	1 0	esktop publ		Spread sheets (, e		
	0 0 0 0 0	high sci		_		1	newsletters	O	Telemarketing (Other relative		
	entry in 268, SKIP TO item 34, OTHERWISE.		93			E	ducational		Word processing	Moorelative		
	item 33)	1 19	92 or before	• 0	_	1 .	programs		Work at home , (, I		
	attending college full-time or part-time?	44, Did .	complete h	igh schoo	by means of an		lectronic me		Other (_ 1		
1			ency test, si			1 6	iames	O	Don't know (יין זכטי טיוו כו פווון זיו	erson 15+ years of age in the i	
1	Full-time O		-			1			i e	go to page 2 and of any children 0-14	complete ilems 59-70 as applic	cable, for
	Part-time O	1	Yes	O N	. 0				-	any children 0-14)	ee-a uru	

18. LINE NUMBER	20. Did do any work at all	21. (If 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:
40 110		· ·	1 * '	1	(Rotation number)
19. What was doing most of LAST WEEK -	(Note: If farm or business	was temporarily absent or	Yes ○ No ○ (Go to 24)	O 1, 2, 3, 5, 6 or 7 (Skip to 26)	First digit of SEGMENT
ſ	operator in hh., ask about	on layoff LAST WEEK?	17	O 4 or 8 (Go to 24A)	number is:
(Working	unpaid work.)	1	22A. What has been doing in the last		0 4 0 0 5 0 - 3 (0)
Keeping house	Yes O No O (Go to 21)	Yes C No O (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 (Skip to 26)
Going to school	¥	<u></u>	methods used; do not read list i	regular job or business, either full-or	O 4 OF 8 (GU (U) 25A)
or something else?	20A. How many hours a a	21A. Why was absent from	Checked pub employ agency C	part-time?	//
		work LAST WEEK?	with - pvt. employ. agency O		25A. How many hours
Working (Skip to 20AL WK O	didwork 1 1		employer directly.	Within past 12 months O	per week does ଓ ଓ
With a job but not at work J O	LAST WEEK 22	Own diness O	friends or relatives	. 1 up to 2 years ago O	USUALLY 1 1
Looking for work LK O	atalijobs? ვვ			2 up to 3 years ago ○ >(Go to 248)	work at this job? 2 2
Keeping house		On vacation O		3 up to 4 years ago O	ર દ
Going to school	20B. CHECK ITEM 55		Nothing (Skip to 24)	4 up to 5 years ago O	4 4
Unable to work (Skip to 24) U O	6.6	Red	Other (Specify in notes, e.g.,	0.)	5.5
		Bad weather O	JTPA, union or prof. register, etc.)		6.6
RetiredR O	49+ O (Skip to 7 7 7		register, etc.) O	Never worked O J 24C)	9 9
Other (Specify) OT O	00	Labor dispute , O	and Australian annual leading	24D M/h., did Januar that inh?	
*	1-34 O /Go to 9 9		22B. At the time started looking for work, was it because he/she	24B. Why did leave that job?	– 88
	200/	New job to begin (Skip to	lost or quit a job or was there	Personal, family fincl. pregnancyl or school O	9 9
	35-48 O (Go to 20D)	within 30 days O 228 and		lines, pregnancy) or school	L .
!		22C2)	Some Other resson	Health O	25B. lspaid 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) O	Quit job	Retirement or old age O	Yes O (Go to 25C)
1	WEEK for any reason	0.00	● Left school		
	such as illness, holiday	I mosturite rakou	Wanted temporary work	Seasonal job completed	No O (Skip to 25D)
	1	130 days or more (22C3)	Change in home	Slack work or business conditions O	SEC Hausensh College College
20C. Does USUALLY work 35	or stack work?	or no def. recall			25C. How much Dollars Cents
hours or more a week at this job?		date) O	or family responsibilities	Temporary	does 00 00
	Yes_O How many hours	Other (Specify) O	Left military service	nonseasonal job completed O	earn 1 1 1 1
	did take off?	Other ispectry).	Other (Specify in notes)	Unsatisfactory work arrangements (Hours,pay, etc.)	ber pont, 55 55
Yes O What is the reason	1	`		-	
worked less than	<u></u>		22C. 1) How many weeks ල ල	Other	3 3 3 3
35 hours LAST WEEK?	(Correct 20A if lost time	218. is receiving wages	has been looking 1 1	24C. Does want a regular job now,	4444
	not already deducted;	or salary from his/her	for work? 3.2	either full-or part-time?	55 55
No O What is the reason	if 20A reduced below 35,	employer for any of the			1 6666
USUALLY works		time off LAST WEEK?	3 3	Yes	
less than 35 hours	correct 208 and fill 20C)	TIME OF LAST WEEK/	2) How many weeks ago : 4	Meybe it depends O 100 to 240/	8888
		V 0	did start looking 5 5		9999
a week?	No O	Yes O	for work? 5 6		
(Mark the appropriate reason)	<u> </u>	No O	F 7	Don't know O J (Skip to 242)	(Ask 25D) REF O
	20E. Did work any overtime	1 0	3) How many weeks ago a g	24D. What are the reasons is not	IASK 35U)
Stack work	or at more than one job	1		looking for work?	25D. How much does
	LAST WEEK?	Z1C. Does usually work	waslaid off? ≘ 9	(Merk <u>egch</u> reason mentioned)	
Material shortage	LAST WEEK!		22D. Has been looking for full-time	§	
	V 0 11	35 hours or more a week	or part-time work?	Believes no work available in line of work or area	and this lab
Plant or machine repair O	Yes O How many extra	at this job?	or part-time work?	SASSONE III MILE OI MOLY OI BLES	
	house did work				
New inh started riving week	hours did work	1	Full O Part O 💳	Couldn't find any work	BEFORE 333
New job started during week . O	hours did work	Yes O		Lacks nec. schooling.	BEFORE 3 3 3 3 deductions? 4 4 4
New job started during week	hours did work	Yes 🔾	22E. Could have taken a job LAST	Couldn't find any work Lacks nec. schooling, training, skills or experience	deductions? 4 4 4 4 Include any 5 5 5
Job terminated during week O	hours did worki	1		Lacks nec. schooling, training, skills or experience O	BEFORE 3 3 3 deductions? 4 4 4 Include any 5 5 5
1	hours did work	Yes 🔾	22E. Could have taken a job LAST	Lacks nec. schooling, training, skills or experience O Employers	deductions? 4 4 4 4 Include any 5 5 5 overtime pay, 6 6 6
Job terminated during week O Could find only pert-time work	hours did work	Yes O	22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not?	Lacks nec. schooling, training, skills or experience	deductions? 4 4 4 4 Include any overtime pay, commissions, or time usually 7 7 7
Job terminated during week O	(Correct 20A and 20B as necessary if extra hours not already included and	Yes O No O (Skip to 23 and enter job	22E. Could have taken a job LAST WEEK if one had been offered?	Lacks nec. schooling, training, skills or experience O Employers	deductions? 4 4 4 4 Include any 5 5 5 commissions, or tips usually 7 7 7 7 Testived.
Job terminated during week	(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)	Yes O	22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not?	Lacks nec. schooling, training, skills or experience	deductions? 4 4 4 4 Include any overtime pay, commissions, or time usually 7 7 7
Job terminated during week	(Correct 20A and 20B as necessary if extra hours not already included and	Yes O No O (Skip to 23 and enter job	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	Lacks nec. schooling, training, skills or experience	deductions? 4 4 4 4 Include any overtime pay, commissions, or tips usually received. 9 9 9
Job terminated during week	(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)	Yes O No O (Skip to 23 and enter job	22E. Could have taken a job LAST WEEK if one had been offered? Yes O No O Why not? Already has a job	Lacks nec. schooling. training, skills or experience	deductions? 4 4 4 4 Include any 5 5 5 commissions, or tips usually 7 7 7 7 Testived.
Job terminated during week . O Could find only pert-time work O Holidey (Legal or religious). O Labor dispute . O Bed weather O	incurs did work (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No O (Skip to 23)	Yes ○ No □ (Skip ::: 23 and enter job held ast week)	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	Lacks nec. schooling. training. skills or experience	deductions? 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Job terminated during week	hours did work: (Correct 20A and 208 as necessary if extra hours not already included and skip to 23) No O (Skip to 23) O INDUSTRY	Yes O No O (Skip to 23 and enter job	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) 22F. When did last work at a	Lacks nec. schooling. training, skills or experience	deductions? Include any overtime pay, commissions, or tips usually received. S ner C 25E. On this job, is a member
Job terminated during week . O Could find only part-time work . O Holiday (Legal or religious) O Labor dispute	(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No (Skip to 23) O INDUSTRY	Yes ○ No □ (Skip ::: 23 and enter job held ast week)	22E. Could have taken a job LAST WEEK it 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 lasting	Lacks nec. schooling. training, skills or experience O Employers think too young or too old O Other pers. handicap in finding job O Can't arrange child care O Family responsibilities O In school or other training O	deductions? 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Job terminated during week . O Could find only pert-time work . O Holidey (Legal or religious) O Labor dispute O Bad weather	iCorrect 20A and 20B as necessary if extre hours not already included and skip to 23.) No O (Skip to 23) O INDUSTRY F O © ©	Yes ○ No □ (Skip ::: 23 and enter job held ast week)	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) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more?	Lacks nec. schooling. training. skills or experience	BEFORE deductions? Include any overtime pay, commissions, or tips usually received. S DEF C 25E. On this job, is a member of a labor union or of an employee association similar
Job terminated during week O Could find only pert-time work O Holidey (Legel or religious)O Labor disputeO Bad weatherO Own itnessO Too busy with housework,	(Correct 20A and 20B as necessary if extra hours not already included and skip to 23.) No Support Skip to 23. O INDUSTRY F O C C I I I I	Yes O NO O (Skip to 23 and enter job held ast week) OCCUPATION C C C C C C C C C C C C C C C C C C C	22E. Could have taken a job LAST WEEK it 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 lasting	Lacks nec. schooling. training, skills or experience O Employers think too young or too old O Other pers. handicap in finding job. O Can't arrange child care O Family responsibilities O In school or other training O Ill health, physical disability O	deductions? 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Job terminated during week . O Could find only part-time work . O Holiday (Legal or religious) O Labor dispute	iCorrect 20A and 20B as necessary if extra hours not already included and skip to 23.) No O (Skip to 23) O INDUSTRY F O C C I I I I C 2 2 2 2	Yes ○ No □ (Skp::::::23 and enter job held ast week) OCCUPATION □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	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) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more?	Lacks nec. schooling. training, skills or experience O Employers think too young or too old O Other pers. handicap in finding job O Can't arrange child care O Family responsibilities O In school or other training O Ill health, physical disability O Other (Specify in notes) O	deductions? Include any 4 4 4 Include any 5 5 6 Overtime pay, 6 6 6 6 Overtime pay, 7 7 7 Overtime pay, 9 9 9 S
Job terminated during week. O Could find only pert-time work. O Holidey (Legel or religious). O Labor dispute. O Bed weather O Own ifiness. O Too busy with housework, school personal bus. etc. O Did not went full-time work.	ICOrrect ZOA and ZOB as necessary if extra hours not already included and skip to 23) No O (Skip to 23) O INDUSTRY F O C C I I I I C 2 2 2 E 3 3 3 3	Yes O NO O (Skip to 23 and enter job held ast week) OCCUPATION C : 1	22E. Could have taken a job LAST WEEK it 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) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) O (Month)	Lacks nec. schooling. training, skills or experience O Employers think too young or too old O Other pers. handicap in finding job. O Can't arrange child care O Family responsibilities O In school or other training O Ill health, physical disability O	deductions? 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
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Job terminated during week O Could find only part-time work O Holiday (Legal or religious). O Labor dispute O Bed weather O Own illness O Too busy with housework, school personal bus. etc. O Did not went full-time work O Full-time work week under 35 hours O	iCorrect 20A and 20B as necessary if extra hours not already included and skip to 23.) No O (Skip to 23) O (INDUSTRY F O C I I I I C 2 2 2 2 3 3 3 3 U 4 4 4 U 5 5 5	Yes O NO O (Skip to 23 and enter job held ast week) OCCUPATION C : 1	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) 22F. When did last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) (Month) 1 to 5 years ago O More than 5 years ago	Lacks 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. Ill health, physical disability. Other (Specify in notes). Don't know. 24E. Does intend to look for work	deductions? Include any overtime pay, 6 6 6 6 commissions, or tips usually received. S ner C 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 (Ask 25F)
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Job terminated during week O Could find only pert-time work O Holiday (Legel or religious). O Labor dispute. O Bad weather O Own itness O Too busy with housework, school personal bus, etc. O Did not went full-time work. O Full-time work week under 35 hours O Other reason (Specify). O (Skip to 23 and enter job worked at less week) 23. DESCRIFTION OF JOB OR BUSIN 23A. For whom did work? (Name 23B. What kind of business or indust 23C. What kind of work was doin 23D. What were 's most importa-	hours did work: (Correct 20A and 20B as necessary if extra hours not already included and skip to 23) No O STATE OF THE STATE OF	Yes ○ No □ (Skp:::::23 and enter job held ast week) OCCUPATION □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	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) 22F. When did Last work at a full-time job or business lasting 2 consecutive weeks or more? Within last 12 months (Specify) (Month) 1 to 5 years ago. O More then 5 years ago. O More then 5 years ago. O More worked at all O (SKIP to 23 if layoff entered in 21A, enter job, letting of the fiber of the or per time, from which laid off. Else enter last full-time job lasting 2 weeks or more. O' never worked.? 23E. Was this person A enter job. either fulls or per time, from which laid off. Else enter last full-time job lasting 2 weeks or more. O' never worked.? 23E. Was this person A STATE government A STATE government A STATE government Self-empl. in OWN bu	Lacks nec. schooling. training, skills or experience O	BEFORE deductions? Include any overtime pay, commissions, or tips usually seceived. S 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) 25F. On this job, is covered by a union or employee association contract? Yes O (Skip to 26) 23F. CHECK ITEM: Entry (or NA)

18A.	18B. RELATIONSHIP TO REFERENCE PE	RSON	18C.	18D.	18E. MARITAL STA	TUS	18F. SPOUSE'S	18G1. SEX	(i		
NO.		01 0	PAR'S LINE	AGE			LINE	1	ale I			UCATIONAL	18I. RACE	18J.
	Ref. Person with NO ref. in H'hld		NO.		Marries - spouse) (Fill	NUMBER	1-6	swee S	/	AT	TAINMENT	White	ORIGIN
00	Wife		00	0	prese : 1	18F)	1 : :	18G2. VET	ERAN STATUS	5		ø		. 0 0
11	Natural/Adopted Child		11	1 1	Marriec -		1 1	} ∨∈	etera- 7	- 1		1	Black	5 5 1 1
2 2	Step Child.		3 3	3 3	absen: 3	1	2.3	ŀ	<i>)</i> Vanana 5	.		3 3	Amer, Indian,	3 3
3 3	Parent		3 2	3 3	(Exclude separates	1	4		Vietnam Era Korean War	i e		4 4	Aleut, Eskimo	4
5	Brother/Sister		5	5.5	Widowes 3	(Skip	5		Word War II	3		5	Asian or	÷ 6
6	Other Rel. of Ref. person.		6	3.6	Divorces 4	18G1)	3		Wer a War I	4		6	Pacific Isl	
9	1	11 0	7	9 7 8 8	Separetes 5	1,00,1	7 9		Other Service onveteran	5		7 8	Other	5 0
g	Non-rel of Ref. Person WITH OWN rel in H'hld	12 O		9 9	. Never		3	l N	onve:eran	6		9		ş
	Partner/Roommate	13 O	None		, marries 6)	1 -			ŀ				
	Non-rel. of Ref. Person (other than puronmete) with NO OWN rel. in H ^o	rtner/ nld14 O	0							ŀ				
26. CHE	CK ITEM: nscribe from Control Card Item 18)	34. Is this e universi		ge or a 4-	year college or	LEAD	HN: This ne	xt set of que	estions has to o mputers. These	lo with			nonth, on everage, h use the computer a	
Thi	is person is	2-vea	college (cor	mmunity		may	be personal	or home co	mputers, mini	computer	S,			
,	8-24 years of age O (Ask 26A)		unior college			to ha	aintrame co nd-heid cak	mputers. I h	ese questions james, electron	do not ref ic video	er	7 days 6 days		0
	others O (Skip to 26C)		college or u		0	game	es, or syster		not use a type		.	5 days		ın Iweek ⊖
26A. III	"School" in 19, Verity) LAST WEEK as attending or enrolled in a high	35. NOTE: I	or persons e read the par	enrolled in renthetical	college (21-26 in phrase.	ASK		5. 47. and 48	ONCE OF FIRE	ST		4 days	O Not use	
SC.	hool, college, or university?				urses and) on the job	I RESP	ONDENT IN	HOUSEHOL	D. TRANSCRIB ENTS AND BEG	E DIRECT	LY	3 days		onth O
56	flark "Yes" if currently on holiday or assonal vacation. Mark "No" for	training	is takin	g any bus	iness, vocational,	ITEM	49.	i nesronoi	ENTS AND BEG	NA AALILI	-	2 days	O Don't kr	юw О
1	immer vacation).	technica		il, trade o	correspondence	45. ls	there a cor	nputer in th	is household?		52.	CHECK ITEM		_
	Yes O (Verify) No O (Skip to -		Yes (C No	0			Yes O	(Ask 46)			Entry or N/A in	n 210 Ó Mak	
	High school O	36 Was	attending o	or enroller	I in a regular school	┪		No O	(Skic to 52)				O (Skip	
۱ '	College or Univ. O				at is, October of	46. H	low many c	omputers ar	e there in this					
	enrolled in school as a full-time	last yea	r? Yes '	C (Ask 3	n _		ousehold?				53.	-	use a computer at v	work?
or	part-time student?			C (Skip t									es 🔾 (Ask 54)	
İ	Full-time C (Fix 20C)	37 What or	ade or year	was	ttending last year?	4		O			<u> </u>		No O (Skip to 55)	
200 (1)	IECK ITEM: Who responded to the			mentary	and the fact of	47.5		·					es use the comp	
	or force items for this person?		1 2 3		7 A		n what year urchased?	was the the	west) compute	r	j			
		1	000			'						Analysis		0
١.	Self O						1993 (· 0			Bookkeeping Bulletin boards		control ©
_	Self/Other O			School		1	1991		re 1988 O			Calendar/scheduli		0
			9 10 O G	11 12			1990	Don'	t know O		1	Communications	O Learning	to use
	DER: ASK THE LABOR FORCE QUESTION		•	5 0		48. V	hich of the	following it	ems does the (newest)	-	Computer-Assiste		nputer . O
	IL HOUSEHOLD MEMBERS BEFORE ASKI IPPLEMENT QUESTIONS.	NG	Co	lege		c	omputer ha	ve?		=		Design (CAD) . Datebases	O Programi	ming O
7712 00	SUPPLEMENT QUESTIONS		21 22 23				READ LIST -	MARK ALL	THAT APPLY)	_	- 1	Desktop publishin		heets O
Form Ap	oproved O.M.B. No. 0607-0464: Expires 12-	1-93	0 0 0	0 0	0 -		Floppy disk o	frive O	Ce or monitor	0		newsletters	· ·	ceting O
29. CHE	CK ITEM	38. CHECK				1	Hard disk dri		Jovstick contr			Educational		ocessing O
Sch	ool enrollment status (Transcribe from 26A		try of "1-12" in item 32	. 0 (5)	ip to 45)	4	Optical disk Dot matrix p		Mc_se contro			programs Electronic mail		C
	Yes. () No. () (Verify 30)	AI	others	O (Fil	1.39)		Laser printer		Te ephone mo			Electronic mail	O DOITE	C
	Blank O (Ask 30)	39. CHECK				7	Plotter	0	O:-er	С	55.	CHECK ITEM		
<u> </u>			e 15 - 29 .				Scenner	0	Don't know .	0		Entry of "Yes" in it	em 30 (Ask	56)
30. IS	attending or enrolled in regular school	A4	je 30+	. 🔾 154	up to 45)	49. C	oes dire	ctly use a c	omputer at hor	ne?		All others	🖰 (Skip	to 58)
1	Yes (Ask 31) No (Skip to 35)	40. CHECK				1		Yes 🔘	(As- =0)		-	Done disert		rehool?
<u> </u>		College 41-46	e Graduate in CC item 2	tentry of	O (Skip to 42)	1		No O	(Sk = 10 52)	_	56 .	•	use a computer at	citooit
31. ls	enrolled in public or private school?	High	School Gradu	vate (entry					use the compu		7		ies O (Ask 57) No O (Skip to 58)	
	Public O	1	40 in CC iter		-	6	SHOW FLAS	HCARD A. N	MASK ALL THA	APPLY)	1		() () () () ()	
	Private O		ligh School G				nalysis		Graphics .				does use the con	nputer at
32. Wh	at grade or year is attending?	41. In what		ar did	last attend		lookkeeping		∺ome-base			school?		
l	Elementary	regular	93	. 5 1			kulletin board	s O		C		Every day Several days a we		
	1 2 3 4 5 6 7 8		92 or before		(Skip to 45)	1 6	alendar/ scheduling	0	dousehold records/f	nance C		Once a week		
	0000000		ever attended		•	0	ommunicati		Learning to	use		Less than once a	week O	
	High School Skip to 36	42. In what	calendar ve	ar did	receive his/her	7 9	connect to		the comp	outerC		Don't know		
l	9 10 11 12	most re	cent degree	7		1.	computer a		⊃rogrammi Sales		<u> </u>	Who reported fo		
1	:000		93			'	omputer-As: Design (CA		School				•	
	College		92 or before			_ 0	atabases		assignme	nts C	•	Self		_
:	21 22 23 24 25 26	43. In what		ar did	complete	0	esktop publ		Spread she			Spouse		
	0 1 0 0 0 0	high sci	100!? 193	0		١.	newsletters	O	"elemarket		Other relative			
at e	intry in 268, SKIP TO item 34, OTHERWISE, item 33)		92 or before			"	ducational programs .	0	∴ork at ho			Nonrelative	c	
	attending college full-time or part-time				by means of an		lectronic ma	ii O	Other	c	-			
			ency test, su			1	ames	0	Don't know	, c		is is the last perso	on 15+ years of age i	n :re household.
1	Full-time C Part-time C		Yes	- Ma								o page 2 and com children 0-14 year	nplete items 59-70 as rs old.	acclicable, for
L	· · · · · ·	1	169	. 140								, , , ,		

18. LINE NUMBER	20. Did do any work at all	21. (If J in 19, skip to 21A.)	22. (If LK in 19, skip to 22A.)	24. CHECK ITEM:	
ł	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	,	First digit of SEGMENT number is:	(Rotation number)
19. What was doing most of LAST WEEK -	(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
(Working	operator in hh., ask about	on layoff LAST WEEK?	204 July - have delege in the last	O 4 or 8 (Go to 24A)	number is:
Keeping house	unpaid work.)	Yes O No O (Go to 22)	22A. What has been doing in the las 4 weeks to find work? (Mark all	24A. When did last work for pay at a	O 1, 2, 3, 5, 6 or 7 (Skip to 26)
Going to school	Yes O No O (30 (0 21)	<i>y</i> ————	methods used; do not read list.)	regular job or business, either full-or	O 4 or 8 (Go to 25A)
(or something else?	20A. How many hours 💍 💍	21A. Why was absent from	Checked pub employ agency O	part-time?	
Working (Skip to 20A) WK O	didwork 1 1	work LAST WEEK?	with - pvt. employ: agency O	Within past 12 months O)	25A. How many hours per week does
With a job but not at work J O	LAST WEEK 22	Own illness O	employer directly	1 up to 2 years ago O	USUALLY 1 1
Looking for work LK O	at all jobs? 3 3		friends or relatives O	2 up to 3 years ago O (Go to 248)	work at this job? 2 2
Keeping house H O		On vacation O	Placed or answered ads O	3 up to 4 years ago O	3 2
Going to school	20B. CHECK ITEM 55		Nothing (Skip to 24)	4 up to 5 years ago O	4 ÷
Unable to work (Skip to 24) U	66	Bad weather	Other (Specify in notes, e.g., JTPA, union or prof.	5 or more years ago O } (Skip to	5 5
Retired P. O	49+ O (Skip to 7 7		register, etc.) O	Never worked O 24C	6 6
Other (Specify): OT O	Item 23) 8 8	Labor dispute O			■ 7 ? ?
1	1-34 C 160 to 9 9		22B. At the time eterted looking for work, was it because he/she	248. Why did leave that job?	- 8 8
	20C)	New job to begin (Skip to	lost or quit a job or was there	Personal, family (Incl. pregnancy) or school O	9 9
[35-48 O (Go to 20 <i>D</i>)	within 30 days O 22B and 22C2	some other reason?		25B. is paid by the hour
1	200. Did lose any time or	Temporary layoff	• Lost job O	Health O	on this job?
	take any time off LAST	(Under 30 days) O	Ouit job	Retirement or old age O	· · · · · · · · · · · · · · · · · · ·
1	WEEK for any reason	l	Left school	Seasonal job completed O	Yes O (Go to 25C) No O (Skip to 25D)
	such as illness, holiday	to	Wanted temporary work, O	Seasonal job completed O	140 C 13kp 10 25C)
	ar slack work?	or no def. recall	Change in home	Slack work or business conditions O	25C. How much Dollars Cents
20C. Does USUALLY work 35 hours or more a week at this job?		dete) O	or family responsibilities O	Temporary	does 0000
HOURS OF THORE & WOCK &CUITS JOD!	Yes O How many hours	Other (Specify) O	Left military service O	nonseasonal job completed O	earn 1111
Yes O What is the reason	did take off?	Other (Specify)	■ Other/Specify in notes) O	Unsatisfactory work arrangements (Hours,pay, etc.)	per hour?
worked less than	,		22C. 1) How many weeks	Other	3 3 3 3
35 hours LAST WEEK?	(Correct 20A if lost time	21B. is receiving wages		The second secon	4444
1	not already deducted;	or salary from his/her	1	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			6666
USUALLY works	correct 208 and fill 20C)	time off LAST WEEK?	2) How many weeks ago 4 4	Yes O Maybe – it depends O (Go to 24(1))	
less than 35 hours			did start looking 5 5	(Specify in notes)	8885
a week?	No O	Yes O	for work? 6 6	No	9999
(Mark the appropriate reason)	1.000	No O	7.7	Don't know O J Skip to 2427	(Ask 250) REF O
	20E. Did work any overtime	"" "	3) How many weeks ago 8 8	24D. What are the reasons is not	PSK 250/
Stack work	or at more than one job		waslaid off?	looking for work?	25D. How much does
Material shortage O	LAST WEEK?	21C. Does usually work		(Mark <u>each</u> reason mentioned)	USUALLY 0000
	M	35 hours or more a week	22D. Has been looking for full-time	Believes no work available in line of work or area	earn per week 1 1 1 1
Plant or machine repair O	Yes O How many extra hours did work?	at this job?	or part-time work? Full O Part O	Couldn't find any work	at this job 222 BEFORE 222
New job started during week . O	*	Yes O	Full O Part O —		deductions?
Job terminated during week O	i i	1	22E. Could have taken a job LAST	Lacks nec. schooling, training, skills or experience	I Industrate A 4 4 4
TOO TOTAL CO. CO. M. C. C.			WEEK if one had been offered?	1	
l .	(Correct 20A and 20B as	No O		A Employees	overtime pay, 5 5 5
Could find only part-time work O	(Correct 20A and 20B as necessary if extra hours	No O	Yes O No O Why not?	Employers think too young or too old O	overtime pay, 666
1			i	think too young or too old O	overtime pay,
Holiday (Legal or religious) O	necessary if extra hours	(Skip to 23 and enter job	Already has a job O		overtime pay, 6 6 6 commissions, 7 7 7 7 or tips usually 8 8 5
1	necessary if extra hours not already included and		Already has a job O Temporary illness O	think too young or too old O	overtime pay, 666 commissions, 7777 received. 885
Holiday (Legal or religious) O	necessary if extra hours not already included and skip to 23.) No O	(Skip to 23 and enter job	Already has a job O Temporary illness O Going to school O	think too young or too old O Other pers. handicap in finding job O Can't arrange child care O	overtime pay, 6 6 6 commissions, 7 7 7 7 or tips usually 8 8 5
Holiday (Legal or religious)	necessary if extra hours not already included and skip to 23.) No O (Skip to 23)	(Skip to 23 and enter job held last week)	Already has a job O Temporary illness O Coing to school O Other (Specify in notes)	think too young or too old	commissions, or tips usually received. 8 8 5 9 9 .5
Holiday (Legal or religious). O Labor dispute. O Bad weather O Own illness O	necessary if extra hours not already included and skip to 23.) No O (Skip to 23) O INDUSTRY	(Skip to 23 and enter job held lest week) OCCUPATION	Already has a job O Temporary illness O Geing to school O Other (Specify in notes) O 22F. When did last work at a	think too young or too old O Other pers. handicap in finding job O Can't arrange child care O	owertime pay, 6 6 6 commissions, 7 7 received. 8 8 8 received. 9 9 .5 REF C
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18A.	18B. RELATIONSHIP TO REFERENCE PERSON		18C.	18D.	18E. MARITAL STAT	U\$	18F.	18G1. SEX				
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1		02 O	NO.		Married -	,	NUMBER	Female	s l 💃	ATTAINMENT		ORIGIN
00		03 O	2.0	-0	spouse present I	(Fili 18F)	00	18G2. VETERAN ST	ATUS	1 .	White 1	0 0
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5 5	Step Child	06 0	2.2	5.5	spouse .		2 2	≠		2	Amer, Indian,	S 5
3 3	Grandchild	07 O	3 3	3 3	absent 2 (Exclude		3 3	Vietnam	ra 1	3 3	Aleut, Eskimo 3	1 6 3
4	Parent		4	4 4	separated)		4	Korean V		4 4		-
5	Brother/Sister		5	5.5	Widowed 3	(Skip	5	World W		5	Asian or Pacific IsI 4	1 3
6	Other Rel. of Ref. person		6	66	Divorced 4	18G1)	6 7	Werld W		6 3	Other 5	7
8	Foster Child		8	88	Separated 5		ě	Other Se Nonveteran	vice 5		Other 5	-
9	Non-rel. of Ref. Person WITH OWN rel. in H'hld.	12 0	9	9 9	Never	1	9			9		S S
l _	Partner/Roommate		None		married 6	•	1	_				
	Non-rel, of Ref. Person (other than partner/ roommate) with NO OWN rel. in H'hld	14 O	2									
	CK ITEM: nscribe from Control Card Item 18)	34. le thie a		ge or a 4	year sollege or	LEAD	IN: This no	ext set of questions h	s to do with		month, on average, how use the computer at ho	
Th	is person is		college (cor	nmunity		may	be personal	or home computers,	mini comput	ers,	•	nile:
	6-24 years of age O (Ask 26A)	orju	nior college)				mputers. These ques culators or games, el-				0
	others O (Skip to 26C)	4-year	college or u	iniversity	0	game	s, or syster	ns which do not use		ta Uusys .		eek 🔿
26A. (#	"School" in 19, Verify) LAST WEEK	35. NOTE: F	or persons e	nrolled in	college (21-26 in	keybo				5 days .		0
9.0	as attending or enrolled in a high hool, college, or university?	1	read the par			RESP	PONDENT IN	b, 47, and 48 ONCE O HOUSEHOLD, TRAN	F FIRS I SCRIBE DIREC	TLY 3 days		10
/ A	fark "Yes" if currently on holiday or				urses and) on the job iness, vocational,	FOR	FOLLOWING	G RESPONDENTS AND	BEGIN WITH	2 days .	O Don't know	0
84	nasonal vacation. Mark "No" for immer vacation).				correspondence			nputer in this housel	old?	52. CHECK ITEM		
1	Yes O (Verify) No O (Skip to	courses		_	_	45. 14	1 (11010 0 00)	•	VIUI	Entry or N/A in		
i	High school 26C)		Yes (O No	0			Yes O (Ask 46) No O (Skip to 5)	item 20A or it	em 21B . O (Ask 53)	_
	College or Univ. O (Ask 268)	36. Was	attending o	r enrolled	in a regular school					All others	O (Skip to :	55)
l _	enrolled in school as a full-time	or coileg		er 1992, th	at is, October of		low many c ousehold?	omputers are there in	this	53. Does direct	ly use a computer at wor	k?
	part-time student?	mot year	Yes (O IAsk 3		"		0		l <u> </u>	Yes O (Ask 54)	
"	Full-time ()		No (O (Skip t	o 38)			0			No O (\$kip to 55)	
1	Part-time O	37. What gr	ade or year	was a	ttending last year?	1		more O		54 41 wards when		- 47
26C. Ci	ECK ITEM: Who responded to the		Ele	mentary		47 Ir	what year	was the (newest) cor	nuter		does use the compute CARD B. MARK ALL THAT	
	oor force items for this person?		1 2 3	4 5 6	7 8		urchased?	mus trio (memost) co	·potor			
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-	Other O		11:44	Cabaat			1993			Bulletin boards		
1	Self/Other O			School			1991		ō	Calendar/sched		
<u></u>			9 10 0 0				1990	Don't know	0	Communication		
	DER: ASK THE LABOR FORCE QUESTIONS]	2 0	0 0		48 W	/hich of the	following items does	the (newest)	Computer-Assis	ited the compu	iter . O
	L HOUSEHOLD MEMBERS BEFORE ASKING		<u>Cc</u>	llege			omputer ha			Design (CAD)		
THE SC	IPPLEMENT QUESTIONS.		21 22 23	24 25	26	a	TEAD LIST -	MARK ALL THAT AR	ינון	Databases		
Form A	SUPPLEMENT QUESTIONS oproved O.M.B. No. 0607-0464: Expires 12-31-93	· '	000	0 0	o –	١,	Floppy disk i	trive O Color m	onitor C	Desktop publisl newsletters		
	CK ITEM	38. CHECK I				4	Hard disk dri		control C		Word proces	-
Sch	ool enrollment status (Transcribe from 26A)	En	try of "1-12" n item 32	O (Si	ip to 45)	1	Optical disk		control C	1		
1	Yes O }	All	others	. O (Fi	39)		Dot matrix p		C		O Don't know	o
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1	Blank O (Ask 30)		i∈w. je 15 - 29 .	. O (Fi	1 40)	1	Scanner		ow C	、 1		
30. is .	attending or enrolled in regular school?		e 30+			<u> </u>				Entry of Tes if	nitem 30 (Ask 56) (Skip to !	58)
	Yes ((Ask 31)	40. CHECK I				49. D	roes dire	ectly use a computer	nome?		() токир то :	~/
1	NO ((Skip to 35)	1	je Graduate	lentry of				Yes O Ask 500	2)	55. Does direc	tly use a computer at scho	001?
31 h	enrolled in public or private school?	41-46	in CC item :	23)	O (Skip to 42)			No ○ iS <p 5<="" td="" to=""><td><i>u</i></td><td></td><td>Yes O (Ask 57)</td><td></td></p>	<i>u</i>		Yes O (Ask 57)	
1			School Grade					at does use the c		.	No C (Skip to 58)	
	Public O Private O		40 in CC iter ion School (O (Skip to 43)	l		HCARD A. MARK ALL	INAI APPLY	′ L		
L						-	nalysis		nics		y does use the compu	ter at
32. Wh	at grade or year is attending?	41. In what		ar did	last attend		ookkeeping		-based	school?	^	
	Elementary	regular s	93	0 1		1	lulletin board		iness	O Every day Several days a		
1	1 2 3 4 5 6 7 8		92 or before		(Skip to 45)	1	alendar/ scheduling		ehold ords/finance		O	
1	0000000	Ne	ever attende	do J		c	communicati		ing to use		a week O	
	High School Skip to 36)	42. in what	calendar ve	er did .	receive his/her	1 0	onnect to	the	computer			
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ui e	entry in 268, SKIP TO item 34, OTHERWISE		93 92 or before				ducational programs		processing at home	U		
ask	item 33)	1			-		programs lectronic ma		at nome			
33. is .	attending college full-time or part-time?				by means of an		iames		know	- 1	rson 15+ years of age in th	e household
1	Full-time ()	equivale	ency test, su			1		=		go to page 2 and c	omplete items 59-70 as app	
L_	Part-time (1)		`es	in No		1				any children 0-1= v	ears old	
												

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.

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
010 Agricultural production, crops (01) 011 Agricultural production, livestock (02) 012 Veterinary services (074) 013-019 not used 020 Landscape and horticultural services (078)
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013-019 not used 020 Landscape and horticultural services (078)
020 Landscape and horticultural services (078)
1/2.1=1/2.9
030 Agricultural services, n.e.c. (071, 072, 075, 076)
931-032 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
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)
Dairy products (202)
102 Canned, frozen and preserved fruits and vegetables (203) 103-109 not used
110 Grain mill products (204)
111 Bakery products (205)
112 Sugar and confectionery products (206)
113-119 not used
120 Beverage industries (208)
121 Miscellaneous food preparations and kindred products (207, 209)
Not specified food industries

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
171-172	Printing, publishing, and allied industries
171	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
173-179	not used
180-192	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
183-189	not used
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
193-199	not used
200-201	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
202-209	not used
210-212	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301) Other rubber products, and plastics footwear and belting (302-306)
211 212	
212 213-219	Miscellaneous plastics products (308) not used
220-222	Leather and leather products
220-222	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)
223-229	not used
230-392	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

Stone, clay, glass, and concrete products Glass and glass products (321-3733) Cement, concrete, gypsum, and plaster products (324, 327) Structural clay products (325) not used Pottery and related products (326) Miscellaneous nonmetallic mineral and stone products (328, 329) not used Metal industries Blast furnaces, steelworks, rolling and finishing mills (331) Iron and steel foundries (332) Primary aluminum industries (3334, part 334, 335-335-3363, 3365) not used Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339) 281 Cutlery, handtools, and general hardware (342) Fabricated structural metal products (344) not used Ordnance (348) not used Miscellaneous fabricated metal products (341, 343, 347, 349) Not specified metal industries Machinery and computing equipment Engines and turbines (351) Farm machinery and equipment (352) Construction and material handling machines (353) not used Metal working machinery (354) Metal ordinary metal industries (3578, 3579) Computers and related equipment (3571-3577) not used Metalworking machinery (354) Machinery, except electrical, n.e.c. (355, 356, 358, 359) Not specified machinery, equipment, and supplies Machinery, except electrical, n.e.c. (355, 356, 358, 359) Not specified machinery, equipment, and supplies Machinery, except electrical, n.e.c. (355, 356, 358, 359) Not specified machinery, equipment, and supplies Machinery, except electrical machinery, equipment, and supplies Machinery, except electrical machinery, equipment (371, 366, 366) Electrical machinery, equipment, and supplies Transportation equipment Motor vehicles and motor vehicle equipment (371) Aircraft and parts (372) not used Not specified electrical machinery, equipment, and supplies Transportation equipment Motor vehicles and motor vehicle equipment (376, 379) Transportation equipment Motor vehicles and motor vehicle equipment (375, 379) Transportation equipment (374) George delectrical machinery, equipment, and wa	Code	Industries
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Photographic equipment and supplies (386)		
	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
400-472	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	TRANSPORTATION
400	Railroads (40)
401	Bus service and urban transit (41, except 412)
402	Taxicab service (412)
403-409	not used
410	Trucking service (421, 423) Warehousing and storage (422)
411 412	U.S. Postal Service (43)
413-419	not used
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
423-431	not used
432	Services incidental to transportation (47)
433-439	not used
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440-442	COMMUNICATIONS
440	Radio and television broadcasting and cable (483, 484)
441	Telephone communications (481)
442	Telegraph and miscellaneous communications services (482, 489)
² 443-449	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)
532 533 530	Miscellaneous wholesale, durable goods (509 except 5093)
533-539 540-571	not used Nondurable Goods
540-571	Manight and Anna

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	Department stores (531)
592	Variety stores (533)
593-599	not used
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)
602	Dairy products stores (545)
603-609	not used
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
613-619	not used Auto and home supply stores (553)
620	Gasoline service stations (554)
621	Miscellaneous vehicle dealers (555, 556, 557, 559)
622	Apparel and accessory stores, except shoe (56, except 566)
623	
624-629	not used
630	Shoe stores (566) Furniture and home furnishings stores (571)
631	Household appliance stores (572)
632 633	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
660	Jewelry stores (5944)
661	Gift, novelty, and souvenir shops (5947)
662	Sewing, needlework and piece goods stores (5949)
663	Catalog and mail order houses (5961)
664-669	not used
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
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Code	Industries
672	Fuel dealers (598)
673-680	not used
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5948, 5993-5995, 5999)
683-690	not used
691	Not specified retail trade
692-699	not used
700-712	FINANCE, INSURANCE, AND REAL ESTATE
700-712	Banking (60 except 603 and 606)
700 701	Savings institutions, including credit unions (603, 606)
701	Credit agencies, n.e.c. (61)
703-709	not used
710	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
701 760	BUSINESS AND REPAIR SERVICES
721-760	
721	Advertising (731)
722 723 730	Services to dwellings and other buildings (734)
723-730 731	not used Personnel supply services (736)
	Computer and data processing services (737)
732 733-739	not used
733-739 740	Detective and protective services (7381, 7382)
740 741	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)
750 751	Automotive repair and related services (753, 7549)
751 752	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)
<i>7</i> 71	Laundry, cleaning, and garment services (721 except part 7219)
772	Beauty shops (723)
773-779	not used
780	Barber shops (724)
781	Funeral service and crematories (726)
782	Shoe repair shops (725)
783-789	not used
79 0	Dressmaking shops (part 7219)
791	Miscellaneous personal services (722, 729)
792-799	not used
800-810	ENTERTAINMENT AND RECREATION SERVICES
800	Theaters and motion pictures (781-783, 792)
801	Video tape rental (784)

Code	Industries
802	Bowling centers (793)
803-809 810	not used Miscellaneous entertainment and recreation services (791, 794, 799)
811	not used
812-893	PROFESSIONAL AND RELATED SERVICES
812-830 812	MEDICAL SERVICES, EXCEPT HOSPITALS Offices and clinics of physicians (801, 803)
813-819	not used
820	Offices and clinics of dentists (802)
821 822	Offices and clinics of chiropractors (8041) Offices and clinics of optometrists (8042)
823-829	not used
830	Offices and clinics of health practitioners, n.e.c. (8043, 8049)
831	HOSPITALS (806)
832-840	MEDICAL SERVICES, EXCEPT HOSPITALS (Continued)
832 833-839	Nursing and personal care facilities (805) not used
840	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
842 843-849	Elementary and secondary schools (821) not used
850	Colleges and universities (822)
851	Vocational schools (824)
852 853-859	Libraries (823) 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)
872 873	Museums, art galleries, and zoos (84) Labor unions (863)
874-879	not used
880	Religious organizations (866)
881 882	Membership organizations, n.e.c. (861, 862, 864, 865, 869) Engineering, architectural, and surveying services (871)
883-889	not used
890	Accounting, auditing, and bookkeeping services (872)
891	Research, development, and testing services (873)
892 893	Management and public relations services (874) 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
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)		020 041
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		
industries	18	391-392
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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
	23	160-162
Paper and allied products	23 24	171-172
Printing, publishing and allied industries	- -	180-192
Chemicals and allied products	25	100-192
Petroleum and coal products	26	200-201
Rubber and miscellaneous plastics products	27	210-212
Leather and leather products	28	220-222
Leather and leather products	20	
Transportation	29	400-432
Communications	30	440-442
Utilities and Sanitary Services	31	450-472
Wholesale Trade	32	500-571
Retail Trade	33	580-691
Banking and Other Finance	34	700-710
Insurance and Real Estate	35	711-712
HISHIANCE AND REAL ESTATE	<i>33</i>	/11 /12
Private Household Services	36	761
Business Services	37	721-750
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Detailed Industry	Recode	Industry Code
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	Industry Code
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

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)
008	Personnel and labor relations managers (123)
009	Purchasing managers (124)
010-012	not used
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 (427, 4272, 4274, 4272)
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)
024 025	Underwriters (1414)
	Other financial officers (1415, 1419)
026 027	Management analysts (142) Personnel, training, and labor relations specialists (143)
027	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
030-032	not used
030-032	Purchasing agents and buyers, n.e.c. (1449)
033	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
030°072	not wood
043-199	PROFESSIONAL SPECIALTY OCCUPATIONS
043-063	Engineers, Architects, and Surveyors
043 003	Architects (161)
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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
098	Respiratory therapists (3031)
099	Occupational therapists (3032)
100-102	not used
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
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	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
150-152	not used
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-159	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
160-162	not used
163	Counselors, Educational and Vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)
	aromi braniero (1,2)

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
_ 203-389	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-235	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS
203-208	Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)
209-212	not used
213-235	Technologists and Technicians, Except Health
213-218	Engineering and Related Technologists and Technicians
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)
219-222	not used
223-225	Science Technicians Richarical Academicians (282)
223	Biological technicians (382)
224 225	Chemical technicians (3831)
	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 Tool programmers, numerical control (2074)
233	Tool programmers, numerical control (3974)
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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	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)
258-259 258	Sales Representatives, Commodities, Except Retail
259	Sales engineers (421) Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	not used
263-278	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
270-273	not used
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275 276	Sales counter clerks (4363)
270 277	Cashiers (4364) 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	Chief communications operators (4523)
307	Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)
308-309	Computer Equipment Operators
308	Computer operators (4612)
309 310-312	Peripheral equipment operators (4613) 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)
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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	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)
337-344	Financial Records Processing Occupations
337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
340-342	not used
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
345-347	Duplicating, Mail and Other Office Machine Operators
345	Duplicating machine operators (4722)
346	Mail preparing and paper handling machine operators (4723)
347	Office machine operators, n.e.c. (4729)
348-353	Communications Equipment Operators
348	Telephone operators (4732)
350-352	not used
353 354-357	Communications equipment operators, n.e.c. (4733, 4739) Mail and Message Distributing Occupations
354-35 <i>1</i> 354	Postal clerks, except mail carriers (4742)
355	Mail carriers, postal service (4742)
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
368	Weighers, measurers, checkers, and samplers (4756, 4757)
369-372	not used
373	Expediters (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)

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
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403-469	SERVICE OCCUPATIONS
403-407	PRIVATE HOUSEHOLD OCCUPATIONS
403	Launderers and ironers (503)
404	Cooks, private household (504)
405	Housekeepers and butlers (505)
406	Child care workers, private household (506)
407	Private household cleaners and servants (502, 507, 509)
408-412	not used
413-427	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	Police and Detectives
418	Police and detectives, public service (5132)
419-422	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)
433 434	Bartenders (5212)
435	Waiters and waitresses (5213)
436	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	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
448-455	Cleaning and Building Service Occupations, Except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
450-452	not used
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)
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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)
465 466	Welfare service aides (5263)
467	Family child care providers (part 5264) 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)
474 475	Horticultural specialty farmers (5515) Managers, farms, except horticultural (5522-5524)
475 476	Managers, horticultural specialty farms (5525)
477-489	Other Agricultural and Related Occupations
477-484	Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
478	not used
479	Farm workers (5612-5617)
480-482	not used
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
485-489	Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)
490-493	not used
494-496	Forestry and Logging Occupations
494 495	Supervisors, forestry and logging workers (571) Forestry workers, except logging (572)
495 496	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)
504 505 540	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505 506	Automobile mechanics (part 6111) Automobile mechanic apprentices (part 6111)
500 507	Bus, truck, and stationary engine mechanics (6112)
JU /	Dus, truck, and stationary engine mechanics (0112)

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)
526 507	Household appliance and power tool repairers (6156)
527 522	Telephone line installers and repairers (6157)
528 528	not used
529 530 533	Telephone installers and repairers (6158)
530-532	not used Missellaneous electrical and electronic agricument reneigers (6152, 6150)
533 534	Miscellaneous electrical and electronic equipment repairers (6152, 6159) Heating, air conditioning, and refrigeration mechanics (616)
534 535-549	Miscellaneous Mechanics and Repairers
535-549	Camera, watch, and musical instrument repairers (6171, 6172)
536	Locksmiths and safe repairers (6173)
537	not used
538	Office machine repairers (6174)
539	Mechanical controls and valve repairers (6175)
540-542	not used
543	Elevator installers and repairers (6176)
544	Millwrights (6178)
545-546	not used
547	Specified mechanics and repairers, n.e.c. (6177, 6179)
548	not used
549	Not specified mechanics and repairers
550-552	not used
553-599	Construction Trades
553-558	Supervisors, Construction Occupations
553	Supervisors, brickmasons, stonemasons, and tile setters (6312)
554	Supervisors, carpenters and related workers (6313)
555	Supervisors, electricians and power transmission installers (6314)
556	Supervisors, painters, paperhangers, and plasterers (6315)
557	Supervisors, plumbers, pipefitters, and steamfitters (6316)
558 550 562	Supervisors, construction, n.e.c. (6311, 6318)
559-562 563-500	not used
563-599 563	Construction Trades, Except Supervisors
564	Brickmasons and stonemasons (part 6412, part 6413) Brickmason and stonemason apprentices (part 6412, part 6413)
565	Tile setters, hard and soft (part 6414, part 6462)
5 66	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)
<i>5</i> 78	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
613 614	Supervisors, extractive occupations (632)
	Drillers, oil well (652)
615 616	Explosives workers (653)
617	Mining machine operators (654)
618-627	Mining occupations, n.e.c. (656) not used
628-699	Precision Production Occupations
628	Supervisors, production occupations (67, 71)
629-633	not used
634-655	Precision Metal Working Occupations
634	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 Niceally appropriate appears and foliation programs (6956, 6950, part 7752)
674 675-684	Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752) 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	Precision Food Production Occupations
686	Butchers and meat cutters (6871)
687 688	Bakers (6872) Food batchmolern (6872, 6870)
689-693	Food batchmakers (6873, 6879) 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)
705 706	Milling and planing machine operators (7313, 7513)
706 707	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707 708	Rolling machine operators (7316, 7516) Drilling and boring machine operators (7318, 7518)
709 709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
710-712	not used
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
716	not used
717	Fabricating machine operators, n.e.c. (7339, 7539)
718	not used
719-725	Metal and Plastic Processing Machine Operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
720-722	not used Motel plating machine engrators (7343, 7543)
723 724	Metal plating machine operators (7343, 7543) Heat treating equipment operators (7344, 7544)
167	Heat treating equipment operators (7344, 7344)

Code	Occupations
725	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)
727 .	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)
73 6	Typesetters and compositors (6841, 7642)
737	Miscellaneous printing machine operators (6849, 7449, 7649)
738-749	Textile, Apparel, and Furnishings Machine Operators
7 38	Winding and twisting machine operators (7451, 7651)
7 39	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	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)
750-752	not used
753-779	Machine Operators, Assorted Materials
753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (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
768 768	Crushing and grinding machine operators (part 7477, part 7677)
769	Slicing and cutting machine operators (7478, 7678)
770-772	not used
773	Motion picture projectionists (part 7479)
774	Photographic process machine operators (6863, 6868, 7671)
775-776	not used
777 778	Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)
	not used
779 780 782	Machine operators, not specified
780-782 783-705	not used February Assemblers and Hand Working Occupations
783-795	Fabricators, Assemblers, and Hand Working Occupations Welders and outters (7332, 7532, 7714)
783 784	Welders and cutters (7332, 7532, 7714) Solderers and brozers (7333, 7533, 7717)
	Solderers and brazers (7333, 7533, 7717)
785 786	Assemblers (772, 774) Hand outting and trimming accupations (7753)
786 787	Hand cutting and trimming occupations (7753) 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)
7 97	Production testers (783)
798	Production samplers and weighers (784)
799	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 Transportation Occupations, Except Motor Vehicles
823-834 823-826	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
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
850-852	not used
853	Excavating and loading machine operators (8316)
854	not used
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
857-858	not used
859	Miscellaneous material moving equipment operators (8319)
860-863	not used

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.

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, 163-177,
		183-177, 183-199
Health Technologists and Technicians	13	203-208
Engineering and Science Technicians Technicians, Except Health	14	213-225
Engineering, and Science	15	226-235
Supervisors and Proprietors,	ř	
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,	26	216 226
Including Clerical	26	316-336, 345-353,
		359-389
Paires Harris and Camiles Convertible	07	402 407
Private Household Service Occupations	27 28	403-407 413-427
Protective Service Occupations	28 29	413-427 433-444
Food Service Occupations Health Service Occupations	30	433-444 445-447
Health Service Occupations Cleaning and Building Service Occupations	31	448-455
Personal Service Occupations	32	456-469
14_15		.50 .05

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

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.

AREA	CMSA/ MSA RANK (MSARANK) List 1	PMSA RANK CODE (PMSARANK) List 2	INDIVIDUAL CENTRAL CITY CODE (CCCODE) List 3	FIPS MSA/PMSA CODE (SMSAFIPS) 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 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	
CODE	<u>CODE</u>	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-San 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	5 560	New Orleans, LA MSA
020	1040	Columbus, OH MSA
029	5720	Norfolk-Virginia Beach-Newport News, VA MSA
030		Buffalo-Niagara Falls, NY CMSA
031	6920	Sacramento, CA MSA
032	3480	Indianapolis, IN MSA
033	7240	San Antonio, TX MSA
034		Providence-Pawtucket-Fall River, RI-MA CMSA
035	1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
036		Hartford-New Britian-Middletown, CT CMSA
037	7160	Salt Lake City-Ogden, UT MSA
030	6840	Rochester, NY MSA
039	5880	Oklahoma City, OK MSA
040	4520	Louisville, KY-IN MSA
041	2000	Dayton-Springfield, OH MSA
042	4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
043	1000	Birmingham, AL MSA
044	5360	Nashville, TN MSA

CMSA/	FIPS MSA/	
MSA RANK	PMSA	
CODE	CODE	CMSA/MSA TITLE
045	3120	Greenboro-Winston Salem-High Point, NC MSA
046	0160	Albany-Schenectady-Troy NY MSA
047	3320	Honolulu, HI MSA
048	5960	Orlando, FL MSA
049	6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
050	3600	Jacksonville, FL MSA
051	7 560	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	Knoxyille, TN MSA
063	8520	Tucson, AZ MSA
064	3240	Harrisonburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
065	2840	Fresno, ĆA 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
085	1320	Canton, OH MSA
086	0840	Beaumont-Port Arthur, TX MSA
087	9280	York, PA MSA
088	1960	Davenport-Rock Island-Moline, IA-IL MSA
089	8120	Stockton, CA MSA
090	2120	Des Moines, IA MSA (Dallas county not in sample)
091	4000	Lancaster, PA MSA
092	3560	Jackson, MS MSA
093	6120	Peoria, IL MSA
094	0600	Augusta, GA-SC, MSA

CMSA/ MSA RANK	FIPS MSA/ PMSA	
CODE	CODE	CMSA/MSA TITLE
095	1880	Corpus Christi, TX MSA
096	7680	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 portions not identified)
102	4720	Madison, WI MSA
103	4880	McAllen-Edinburg-Mission, TX MSA
104	4200	Lexington-Fayette, KY MSA
105	8680	Utica-Rome, NY MSA
106	7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
107	6680	Reading, PA MSA
108	6080	Pensacola, FL MBA
109	7120	Salinas-Seaside-Monterey, CA MSA
110	4900	Melbourne-Titusville-Palm Bay, FL MSA
111	0460	Appleton-Oshkosh-Neenah, WI MSA
112	2020	Daytona Beach, FL MSA
113	5170 5240	Modesto, CA MSA
115	5240	Montgomery, AL MSA
116 117	2360 6880	Erie, PA MSA Rockford, IL MSA
117	2440	Evansville, IN-KY MSA (Kentucky portion not identified)
119	4600	Macon-Warner Robins, GA MSA
120	1400	Charleston, WV MSA
121	2400	Eugene-Springfield, OR MSA
122	0960	Binghamton, NY MSA
123	8700	Visalia-Tulare-Porterville, CA MSA
124	3680	Johnstown, PA MSA
125	2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
126	5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
127	7000	Salem, OR MSA
128	6460	Poughkeepsie, NY MSA
129	2560	Fayetteville, NC MSA
130	1800	Columbus, GA-AL MSA (Alabama portion not in sample)
131	2700	Fort Myers, FL MSA
132	7000	South Bend-Mishawaka, IN MSA
133	6520	Provo-Orem, UT MSA (Central City portion only identified)
134	1240	Brownsville-Harlingen, TX MSA
135	7520	Savannah, GA MSA
136	7510	Sarasota, FL MSA
137	6000	Roanoke, VA MSA
138	4600	Lubbock, TX MSA
139	3080	Lafayette, LA MSA
140	3810	Killeen-Temple, TX MSA
141	7920	Springfield, MO MSA
142	3720 0300	Kalamazoo, MI MSA
143	0300 6720	Anchorage, AK MSA Reno, NV MSA (Central City portion only identified)
144 145	6720 3290	Hickory, NC MSA
143 146	3440	Huntsville, AL MSA
140	8000	Waterbury, CT MSA
147	8240	Tallahassee, FL MSA
149	6450	Portsmouth-Dover-Rochester, NH-ME MSA
1.7	0.100	<u> </u>

CMSA/	FIPS	
MSA	MSA/ PMSA	
RANK <u>CODE</u>	CODE	CMSA/MSA TITLE
CODE	CODE	
4.50		(Maine portion not entirely in sample and it is not identified)
150	6400	Portland, ME MSA
151	4360	Lincoln, NE MSA
152	0920	Biloxi-Gulfport, MS MSA
153 154	3350 7080	Houma-Thibodaux, LA MSA
156	7080 1000	Springfield, IL MSA Roise City ID MSA
157	2900	Boise City, ID MSA Gainesville, FL MSA
158	9000	Wheeling, WV-OH MSA (Ohio portion not identified)
161	8000	Waco, TX MSA
163	3960	Lake Charles, LA MSA
164	1360	Cedar Rapids, IA MSA
165	5400	New Bedford, MA MSA
166	1400	Champaign-Urbana-Rantoul, IL MSA
169	2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
170	1140	Bradenton, FL MBA
171	0480	Asheville, NC MSA
172	0870	Benton Harbor, MI MSA
173	8920	Waterloo-Cedar Falls, IA MSA
174	2670	Fort Collins-Loveland, CO MBA
178	8440	Topeka, KS MSA (Central City portion only identified)
179	1620	Chico, CA MSA
180	5320	Muskegon, MI MSA
181	4320	Lima, OH MSA
184	5790	Ocala, FL MSA
185	3520	Jackson, MS MSA
186	5200	Monroe, LA MSA
192	8600	Tuscaloosa, AL MSA
193	0780	Battle Creek, MI MSA
194	0405	Anderson, SC MSA
197	5910	Olympia, WA MSA
198 199	8320	Terre Haute, IN MSA
201	2650 0280	Florence, AL MSA
201	0400	Altoona, PA MSA
202	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	Williamsport, PA MSA
226	7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231	7760	Sioux Falls, SD MSA
233	2655	Florence, SC MSA
240	0860	Bellingham, WA MSA
242	9340	Yuba City, CA MSA
246	1740	Colombia, MO MSA
247	2880	Gadsden, AL MSA
248	2580 2540	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,

		FIPS	
CMSA	PMSA	MSA	
RANK	RANK	PMSA	
<u>CODE</u>	<u>CODE</u>	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	<i>5</i> 760 ू	Norwalk, CT
002	01	4480	Los Angeles-Long Beach, CA
	02	0360	Anaheim-Santa Ana, CA
	03	6700	Riverside-San Bernardino, CA
	04	6000	Oxnard-Ventura, CA
003	01	1600	Chicago, IL
	02	2960	Gary-Hammond, IN
	03	3965	Lake County, IL
	04	3690	Joliet, IL
	05	0620	Aurora-Elgin, IL
004	01	6160	Philadelphia, PA-NJ
	02	9160	Wilmington, DE-NJ-MD (New Jersey portion
			not identified, Maryland portion suppressed.)
	03	8400	Trenton, NJ
005	01	5775	Oakland, CA
	02	7360	San Francisco, CA
	03	7400	San Jose, CA
	04	8720	Vallejo-Fairfield-Napa, CA
	05	7500	Santa Rosa-Petaluma, CA
	06	7485	Santa Cruz, CA
006	. 01	2160	Detroit, MI
	02	0440	Ann Arbor, MS
007	01	1120	Boston, MA
	02	4160	Lawrence-Haverill, MA-NH (New Hampshire portion
		5 000	not identified)
	03	7090	Salem-Gloucester, MA
	04	4560	Lowell, MA-NH (New Hampshire portion not identified)
	05	1200	Brockton, MA
800	01	3360	Houston, TX
	02	2920	Galveston-Texas City, TX
	03	1145	Brazoria, TX

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

LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)

CMSA/MSA RANK CODE	PMSA RANK CODE	INDIVIDUAL CENTRAL CITY CITY CODE	
(MSARANK)	(PMSARANK	(CCCODE)	CITY
001	03	1 2	Newark, NJ Elizabeth, NJ
002	01	1 2 3	Los Angeles, CA Long Beach, CA
		3 0	Pasadena, CA Others
	02	1	Anaheim, CA
	03	2 1	Santa Ana, CA Riverside, CA
003	01	0 1	Others Chicago, IL
	02	0 1	Others Gary, IN
005	01	0 1	Others Oakland, CA
006	01	- 0 1	Others Detroit, MI
007	01	0 1	Others Boston, MA
010	01	0	Others Dallas, TX
010	02	0	Others Fort Worth, TX
040		2	Arlington, TX
012	01	1 0	Miami, FL Others
•	02	1 0	Fort Lauderdale, FL Others
017	-	1 0	Minneapolis, MN Others
020		1 0	Tampa, FL Others
023	-	1 2	Phoenix, AZ Mesa, AZ
029		0	Others Norfolk, VA
020		1 2 3	Virginia Beach, VA Newport News, VA
		4 0	Hampton, VA Others
045	-	1	Greensboro, NC
046	-	0 1	Others Albany, NY
060	•	0 1	Others Raleigh, NC
069	•	0 1 0	Others Springfield, MA Others

LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)

CMSA/ MSA RANK CODE	PMSA RANK <u>CODE</u>	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 CODE	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA 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	0.4	2020	Daytona Beach, FL MSA
021	01	2080	Denver, CO PMSA
090	01	2120	Des Moines, IA MSA (Dallas county not in sample)
006	01	2160	Detroit, MI PMSA (Wisconsin portion not
125		2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
070		2320	El Paso, TX MSA
116		2360	Erie, PA MSA
121 118		2400 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		2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
222		2750	Fort Walton Beach, FL MSA
097	02	2760	Fort Wayne, IN MSA
010	02	2800 2840	Fort Worth-Arlington, TX PMSA
065			Fresno, CA MSA
247 157		2880	Gadsden, AL MSA
157 008	02	2900 2920	Gainesville, FL MSA Galveston-Texas City, TX PMSA
003	02	2960	Gary-Hammond, IN PMSA
003	UZ	3000	Grand Rapids, MI MSA
045		3120	Greenboro-Winston Salem-High Point, NC MSA
043		3160	Greenville-Spartanburg, SC MSA
022	02	3200	Hamilton-Middletown, OH PMSA
064	U2	3240	Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
036	01	3280	Hartford, CT PMSA
145	O1	3290 3290	Hickory, NC MSA

CMSA/ MSA RANK	PMSA RANK	FIPS MSA/ PMSA	MCA /DMCA TITLE
<u>CODE</u>	CODE	CODE	MSA/PMSA TITLE
047		3320	Honolulu, HI MSA
153		3350	Houma-Thibodaux, LA MSA
008	01	3360	Houston, TX PMSA
101		3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
146		3440	Huntsville, AL MSA
032		3480	Indianapolis, IN MSA
185		3520	Jackson, MI MSA
092		3560	Jackson, MS MSA
050		3600	Jacksonville, FL MSA
001	07	3640	Jersey City, NJ PMSA
076		3660	Johnson City-Kingsport-Bristol, TN-VA MSA
			(Virginia portion not identified)
124		3680	Johnstown, PA MSA
003	04	3690	Joliet, IL PMSA
207		3710	Joplin, MO MSA
142		3720	Kalamazoo, MI MSA
252		3740	Kankakee, IL MSA
025		3760 .	Kansas City, MO-KS MSA
140		3810	Killeen-Temple, TX MSA
062		3840	Knoxville, TN MSA
139		3880	Lafayette, LA MSA
163		3960	Lake Charles, LA MSA
003	03	3965	Lake County, IL PMSA
099		3980	Lakeland-Winter Haven, FL MSA
091		4000	Lancaster, PA MSA
083		4040	Lansing-East Lansing, MI MSA
060	24	4120	Las Vegas, NV MSA
007	02	4160	Lawrence-Haverill, MA-NH PMSA (New Hampshire portion not identified)
219		4200	Lawton, OK MSA
104		4280	Lexington-Fayette, KY MSA
181		4320	Lima, OH MSA
151		4360	Lincoln, NE MSA
072		4400	Little Rock-North Little Rock, AR MSA
011	03	4440	Lorain-Elyria, OH PMSA
002	01	4480	Los Angeles-Long Beach, CA PMSA
040 007	04	4520 4560	Louisville, KY-IN MSA Lowell, MA-NH PMSA (New Hampshire portion not identified)
120		4600	
138		4600	Lubbock, TX MSA Macon Warner Bobins GA MSA
119		4680	Macon-Warner Robins, GA MSA
102		4720 4760	Madison, WI MSA
203		4760 4800	Manchester, NH MSA
209		4800	Mansfield, OH MSA
103		4880	McAllen-Edinburg-Mission, TX MSA
204		4890 4000	Medford, OR MSA Melbourne-Titurrille Polm Poy EL MSA
110 042		4900 4920	Melbourne-Titusville-Palm Bay, FL MSA
U42		47 2 0	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
012	01	5000	Miami-Hialeah, FL PMSA
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA
024	01	5080	Milwaukee, WI PMSA
52 7	0.1	2000	

CMSA/ MSA	PMSA	FIPS MSA/	
RANK CODE	RANK <u>CODE</u>	PMSA CODE	MSA/PMSA TITLE
	CODE		
017		5120	Minneapolis-St, Paul, MN-WI MSA (Wisconsin portion not identified)
074		5160	Mobile, AL MSA (Baldwin county not in sample)
113		5170	Modesto, CA MSA
001	06	5190	Monmouth-Ocean, NJ PMSA
106		5200	Monroe, LA MSA
115		5240	Montgomery, AL MSA
100		5320	Muskegon, MI MSA
044		5360	Nashville, TN MSA
001	02	5380	Nassau-Suffolk, NY PMSA
165		5400	New Bedford, MA MSA
036	02	5440	New Britain, CT PMSA
071		5480	New Haven-Meriden, CT MSA
126		5520	New London-Norwich, CT-RI MSA (Rhode Island
		~~~	portion suppressed)
027		5560	New Orleans, LA MSA
001	01	5600	New York, NY PMSA
001	03	5640 5700	Newark, NJ PMSA
030	02	5700	Niagara Falls, NY PMSA
029	40	5720 5760	Norfolk-Virginia Beach-Newport News, VA MSA
001	12	5760 5775	Norwalk, CT PMSA
005	01	5775 5700	Oakland, CA PMSA
184		5790	Ocala, FL MSA
039		5880	Oklahoma City, OK MSA
197		5910 5020	Olympia, WA MSA (Jove notion not identified)
059	00	5920 5050	Omaha, NE-IA MSA (Iowa potion not identified)
001 048	09	5950 5960	Orange County, NY PMSA Orlando, FL MSA
002	04	6000	Oxnard-Ventura, CA PMSA
034	02	6060	Pawtuckett-Woonsocket-Attleboro, RI-MA PMSA
034	UZ	0000	(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	V1	6200	Phoenix, AZ MSA
013	01	6280	Pittsburgh, PA PMSA
150	01	6400	Portland, ME MSA
026	01	6440	Portland, OR PMSA
149	01	6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine
		0.00	portion not entirely in sample and it is not identified)
128		6460	Poughkeepsie, NY MSA
034	01	6480	Providence, RI PMSA
133		6520	Provo-Orem, UT MSA (Central City portion only identified)
216		6560	Pueblo, CO MSA
024	02	6600	Racine, WI PMSA
060		6640	Raleigh-Durham, NC MSA
107		6680	Reading, PA MSA
144		6720	Reno, NV MSA (Central City portion only identified)

CMSA /		FIPS	
CMSA/ MSA	PMSA	MSA/	
RANK	RANK	PMSA	
CODE	CODE	CODE	MSA/PMSA TITLE
049		6760	Richmond-Petersburg, VA MSA
			(Dinwiddie and Prince George counties and
			Colonial Heights, Hopewell, and Petersburg
		4800	cities not in sample)
002	03	6780	Riverside-San Bernardino, CA PMSA
137 038		6800 6840	Roanoke, VA MSA Rochester, NY MSA
036 117		6880	Rockford, IL MSA
031		6920	Sacramento, CA MSA
082		6960	Saginaw-Bay City-Midland, MI MSA
014	01	7040	St, Louis, FL PMSA (Illinois portion not identified)
127		7080	Salem, OR MSA
007	03	7090	Salem-Gloucester, MA PMSA
109		7120	Salinas-Seaside-Monterey, CA MSA
037		7160	Salt Lake City-Ogden, UT MSA
033		7240	San Antonio, TX MSA
019	•	7320	San Diego, CA MSA
005	02 03	7360 7400	San Francisco, CA PMSA
005	03	7400 7480	San Jose, CA PMSA Santa Barbara-Santa Maria-Lompoc, CA MSA
106 005	06	7485	Santa Cruz, CA PMSA
005	05	7500	Santa Rosa-Petaluma, CA PMSA
136	05	7510	Sarasota, FL MSA
135		7520	Savannah, GA MSA
051		7560	Scranton-Wilkes Barre, PA MSA (Monroe county not
			in sample)
018	01	7600	Seattle, WA PMSA
211		<b>7</b> 610	Sharon, PA MSA
096		7680	Shreveport, LA MSA
226		7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231		7760	Sioux Falls, SD MSA
132		7800	South Bend-Mishawaka, IN MSA
090		7840	Spokane, WA MSA
154		7880	Springfield, IL MSA
141		7920	Springfield, MO MSA
069	10	8000	Springfield, MA MSA
001	10	8040 8130	Stamford, CT PMSA
089 054	•	8120 8160	Stockton, CA MSA Syracuse, NY MSA
018	02	8200	Tacoma, WA PMSA
148	02	8240	Tallahassee, FL MSA
020		8280	Tampa-St, Petersburg-Clearwater, FL MSA
198		8320	Terre Haute, IN MSA
058		8400	Toledo, OH MSA
170		8440	Topeka, KS MSA (Central City portion only identified)
004	03	8480	Trenton, NJ PMSA
063		8520	Tucson, AZ MSA
052		8560	Tulsa, OK MSA
192		8600	Tuscaloosa, AL MSA
105	•	8680	Utica-Rome, NY MSA
005	04	8720	Vallejo-Fairfield-Napa, CA PMSA

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

# 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		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.

Standard Errors of Estimated Numbers. 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.

#### Illustration

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

	· <b>x</b>	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:			
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.