Current Population Survey (CPS), October 1990: School Enrollment

Records of the Bureau of the Census (Record Group 29)

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Accession Number: NN3-029-96-0___ May 8, 1996

CURRENT POPULATION SURVEY, OCTOBER 1990: SCHOOL ENROLLMENT

TECHNICAL DOCUMENTATION

This file documentation consists of the following materials:

Attachment 1	Abstract
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Attachment 2	Overview-October 1990 School Enrollment Survey
Attachment 3	Overview-Current Population Survey
Attachment 4	Glossary
Attachment 5	How to Use the Data Dictionary
Attachment 6	Current Population Survey Adult Interview Data Dictionary
Attachment 7	Current Population Survey Children's Interview Data Dictionary
Attachment 8	Current Population Survey Armed Forces Interview Data Dictionary
Attachment 9	Current Population Survey October 1990 Adult Supplement Data Dictionary
Attachment 10	Current Population Survey October 1990 Children's Supplement Data Dictionary
Attachment 11	Questionnaire Facsimile
Attachment 12	Industry Classification Codes
Attachment 13	Occupational Classification Codes for Detailed Occupational Categories
Attachment 14	Specific Metropolitan Identifiers
Attachment 15	Topcoding of Usual Hourly Earnings
Attachment 16	Source and Accuracy Statement for the October 1990 School Enrollment Microdata File
Attachment 17	User Notes

NOTE

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

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

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 1990: 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], 1991.

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.¹ 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: 164,259 logical records; 428 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 1990: 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 for \$10 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. [2 microfiche – \$5; 179 pages (paperprints) – \$33.] Make checks payable to Commerce/Census.

Related Printed Reports

Bureau of the Census. Current Population Reports. Series P20, No. 443. School Enrollment-Social and Economic Characteristics of Students: October 1988 and 1987. Available from the U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402. S/N 803-005-00042-7. \$11.

Bureau of the Census. Current Population Reports. Series P20, No. 452. School Enrollment-Social and Economic Characteristics of Students: October 1989. Forthcoming.

File Availability

Tapes are priced at \$1.25 per megabyte (MB) with a minimum price of \$175. Options include 6250 or 1600 bpi; ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. When ordering, please use the order form on the following page.

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ATTACHMENT 2

OVERVIEW

October 1990 School Enrollment Survey

General

The October 1990 School Enrollment Survey was conducted as a supplement to that month's Current Population Survey (CPS). Telephone availability data are also provided on this file. The CPS is a monthly labor force survey conducted in approximately 57,000 households across the Nation. Attachment 11 contains a facsimile of the October 1990 school enrollment supplement questions asked of all applicable persons 3 years old or older.

Attachment 3 contains a description of the CPS entitled "Overview-Current Population Survey." A description of the October 1990 School Enrollment Survey follows.

Data Collection

All persons 3 years or over were asked the basic school enrollment questions as appropriate.

CPS field representatives were authorized up to $1\ 1/2$ hours to study their home study materials and complete the corresponding exercises.

The regional offices were instructed to perform a supplement edit on a minimum of five CPS-1s for all field representatives to ensure that the supplement was being conducted completely and accurately. The field representatives were notified of inconsistencies or omissions detected during this editing process.

Data Processing

The data processing involved editing and weighting the October supplement data. Each process is described below.

Edits and Allocations. Basic School Enrollment Items. (Items 30-34, 36-45, 46-49) The data processing involved a consistency edit and allocation module for all school enrollment items.

The consistency edit was concerned mainly with ensuring that the entries within an individual record followed the correct skip pattern. Items with missing entries were assigned values, if appropriate. If not, missing values are allocated using a "hot deck" routine.

Non-basic Education Items. (Items 35, 45A-D, 50-55) The processing of adult vocational education questions and children's early education questions involved a consistency edit to check for the correct skip patterns.

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 1990 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 supplement weights still sum to the aggregate published, composited (but not seasonally adjusted) October 1990 CPS labor force estimates.

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

October 1990 CPS/School Enrollment Computer File

CPS Labor Force Data. The October 1990 CPS file contains 164,259 records. Each record contains 428 characters. Attachments 6–8 contain the variable name, character size, location on record, universe, and the values of the variables.

The variable H-RECTYP (location 101 on the file) 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 1990 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 which were 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

October 1990 School Enrollment Supplement Data. The October supplement data for adults are in locations 361-399 and for children in location 400-425. (See Attachments 9 and 10.)

Tallying the October 1990 School Enrollment Supplement File. The October 1990 supplement universe was the full CPS sample comprised of all persons 3 years or over.

The supplement weight A-SUPWGT is in location 391-399. Use this weight when tallying all supplement variables of adults 16+. Use the basic weight (A-FNLWGT or C-FNLWGT in location 248) for tallying individuals age 15 or younger.

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:

	Unweighted Counts
1 = (Interview Adults)	115,400
2 = (Type A)	2,346
3 = (Type B/C)	11,489
4 = (Armed Forces)	595
5 = (Children)	34,429

ATTACHMENT 3

OVERVIEW

Current Population Survey

Introduction

The Current Population Survey (CPS) is the source of the official Government statistics on employment and unemployment. The CPS has been conducted monthly for over 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 114,500 persons 15 years old and over are interviewed. Also included are demographic data for approximately 33,500 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 Eamings and Monthly Labor Review reports.

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

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

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

Geographic Limitations

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

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

Weights

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

- 1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups--two race categories (White, and Black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, season, etc.
- 2. Ratio estimates. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:
 - a. First-stage ratio estimate. In the CPS, a portion of the 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 is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas, for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 15 years old and older.

Comparability of CPS From Microdata Files With Published Sources.

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

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

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force
		January 198	32 Data (000's)		
Final Weights	171,335	108,161	97,928	10,234	63,174
Composited (Not seasonally Adjusted) Composited	171,335	108,014	97,831	10,183	63,321
(Seasonally Adjusted)	171,335	108,879	99,581	9,298	62,456
		July 1982 Da	ata (000's)		
Final Weights	172,364	112,850	101,904	10,946	59,513
Composited (Not seasonally Adjusted) Composited	172,364	112,526	101,490	11,036	59.838
(Seasonally Adjusted)	172,364	110,522	99,732	10,790	61,842

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 Years of School Completed.)

Employed. (See Labor Force.)

ESR (Employment 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.

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 Years of School Completed.)

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

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

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

Household. A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live and eat with any other person in the structure, and when there is direct access from the outside or through a common hall. The count of households excludes persons living in group quarters, such as rooming houses, military barracks, and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

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

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

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

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

Industry, Occupation, and Class of Worker (I&O) - Current Job (basic data). For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time). The

I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. The occupation/industry classification system for the 1980 Census of Population was used to code March CPS data beginning with the March 1983 file.

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

		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
	2-digit detailed (Recode)	P 54-55	P 318-319
	Major Group recode	N/A	P 320-321
Class of Worker	· •	P 59	P 314

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

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

Labor Force. Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 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 an Employment Status Recode (ESR) of 1 or 2

respectively in character 12 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

- 2. Unemployed. Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an ESR code of 3 in character 12 of the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.
 - 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 ESR code of 4-7 in character 12 of the person record.

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

the civilian labor force 16 years old and over; the sum of the rates for the four groups thus equals the total unemployment rate.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part-Time Work. Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority

of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

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

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

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

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

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

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

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

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

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

Stretches of Unemployment. A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the period of seeking work.

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

Unemployed. (See Labor Force.)

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

Unrelated Individuals. Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the

household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

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

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies became so small (37,000 in 1967) that beginning with the data for 1968 (and beginning with the census data for 1960) the Bureau of the Census includes persons in these unrelated subfamilies in the count of secondary individuals.

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

- Females, children under 15
- 1 Vietnam era
- 2 Korean
- 3 WWI
- 4 WWII
- 5 Other Service
- 6 Nonveteran

Wage and Salary Workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Also included are persons who are self-employed in an incorporated business.

Workers. (See Labor Force--Employed.)

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

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

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

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

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

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

Text describing the variable will follow this "D" line. Use COL. 6-46 and repeat as may lines as necessary.

"U" Line Universe Definition

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

LIENCHIPION Universa desariadia	COL. COL. :	
---------------------------------	----------------	--

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

"V" Line Value Definition

ID "V"		
125 7	COL.	1- 1
VALUE Value code-right justified	COL.	3-12
<i>u</i> 22	COL.	3-12
DECEDITION III	COL.	14
DESCRIPTION Value description	COL.	15-46

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

ATTACHMENT 6

Current Population Survey Adult Interview Data Dictionary

```
DATA
             SIZE BEGIN
                                                                DATA
                                                                            SIZE BEGIN
 D H$PAD1
               1
                      1
                                                                 ٧
                                                                           12 .Other not HU
 D H$PAD2
               1
                      2
                                                                 D H-FARM
                                                                                     11
                                                                      Farm def'n - edited using urban/rural
 D H-MONTH
              2
                                                                      code
     Month of survey
                                                                 U All
                                                                      From MST and CPS-1 Items 5A and 5B
       01-12 .Month
                                                                 v
                                                                            1 .Nonfarm
                                                                 ٧
                                                                            2 .Farm
D H-YEAR
              1
     Year of survey - last digit
                                                                 D H-TYPINT 1
                                                                                    12
                                                                      Item 13 - Type interview
         0-9 .Last digit of year
                                                                 ٧
                                                                           -1 .Blank or impossible
D H-HHNUM
             1
                                                                 ٧

    Noninterview

     Household number
                                                                 ν
                                                                            2 .Personal
UALL
                                                                            3 .Tel. - regular
4 .Tel. - callback
                                                                 v
ν
          -1 .Blank
                                                                 ٧
٧
         1-8 . Household number
                                                                            5 .ICR filled
D H-CPSCHK 1
                                                                 D H-RESPNM
     Item 1 - Interviewer check item
                                                                      Item 12 - Line no. HHLD resp.
٧
          -1 .Blank
                                                                           -1 .Blank or impossible
           1 .Only CPS-1 for household
                                                                 ٧
                                                                          1-6 .Line no.
           2 .First CPS-1 of continuation
                                                                           7 .Non HHLD resp.
٧
             .household
٧
           3 .Second CPS-1 of continuation
                                                                     AREASN 1 14
Item 14 - Reason for type A
                                                                D H-AREASN
ν
             .household
           4 .Third, fourth, etc. CPS-1
                                                                  H-HHTYPE=2
                                                                ν
                                                                           -1 .Not in universe
D H-DAYCMP
                                                                           1 .No one home
    Day interview complete
                                                                ν
                                                                           2 .Temporarily absent
                                                                ۷
                                                                           3 Refused
٧
          -1 .Blank
                                                                           4 .Other - occ.
٧
          1 .Sunday
٧
           2 .Monday
                                                                D H-ARACE
                                                                             1
٧
           3 .Tuesday
                                                                     Item 14 - Race for type A
           4 .Wednesday
                                                                U H-HHTYPE=2
۷
           5 .Thursday
                                                                v
                                                                          -1 .Not in universe
٧
           6 .Friday
                                                                ٧
                                                                           1.White
           7 .Saturday
                                                                           2 Black
           8 .After interview week
                                                                ٧
                                                                           3 .Other
D H-LIVORT
                                                                D H-TYPEBC
                                                                     TYPEBC 2 16
Item 15 - Type B/C
    Item 4 - Type of living quarters
     (Recode)
                                                                U H-HHTYPE=3
                                                                          -1 Not in universe
     Housing unit
                                                                     Type B
         01 .House, apt., flat
                                                                          01 .Vacant - regular
          02 .HU in nontransient hotel, etc.
                                                                V
                                                                          02 .Vacant - storage of HHLD
          03 .HU, perm., in trans. hotel,
                                                                             .furniture
            .motel etc.
                                                                          03 .Temp occ. by persons with URE
          04 .HU in rooming house
                                                                          04 Unfit or to be demolished
         05 .Mobile home or trailer with
                                                                          05 .Under construction, not ready
             .no permanent room added
                                                                          06 Converted to temp, business
         06 .Mobile home or trailer with 1
                                                                             .or storage
             .or more perm. rooms added
                                                                          07 .Occ. by AF members or persons
         07 .HU not specified above
                                                                             .under 15
    Other unit
                                                                          08 .Unocc. tent or trailer site
         08 .Qtrs not HU in rooming or
                                                                          09 .Permit granted, construction not
            .boarding house
                                                                ٧
                                                                            .started
         09 .Unit not perm. in trans. hotel,
                                                                          10 .Other
            .motel, etc.
                                                                     Type C
         10 .Tent or trailer site
                                                                          11 .Demolished
         11 .Student quarters in college
                                                                          12 .House or trailer moved
            .dormitory
                                                                          13 .Outside segment
```

CURRENT POPULATION SURVEY - ADULT INTERVIEW

```
DATA
                SIZE BEGIN
                                                                    DATA
                                                                                 SIZE BEGIN
              14 .Converted to perm. business or
                                                                      ٧
                                                                                -1 .Not in universe
                 .storage
              15 .Merged
                                                                                 1 .Owned or being bought
              16 .Condemned
                                                                                 2 .Rent
              17 .Built after April 1, 1980
                                                                                 3 .No cash rent
              18 .Unused line of listing sheet
                                                                     D H-FAMINC 2
              19 .Other
                                                                                          26
                                                                          Family income
                                                                          Note: If a nonfamily household
   D H-SEASON
                1
                       18
        Item 16 - Seasonal status
                                                                          (H-FAMIND=0), income includes only
                                                                          that of householder.
   U H-TYPEBC=1-3
                                                                     I IA U
   ν
           -1 .Not in universe
                                                                     ٧
   ٧
                                                                               -1 .Not in universe
             1 .Year round
                                                                               0 .Less than $5,000
1 .$5,000 to $7,499
   ٧
              2 .By migratory workers
                                                                     ٧
   ٧
             3 .Seasonally
                                                                     ٧
                                                                                2 .$7,500 to $9,999
        OCCINT 1 19
Item 17 - This unit is intended for
                                                                                3 .$10,000 to $12,499
   D H-OCCINT
                                                                                4 .$12,500 to $14,999
5 .$15,000 to $19,999
                                                                     ٧
                                                                     ν
        occupancy
                                                                     ٧
                                                                               6 .$20,000 to $24,999
7 .$25,000 to $29,999
   U H-SEASON=2 or 3 and H-LIVQRT=1-7
                                                                    ν
          -1 .Not in universe
                                                                    ٧
                                                                               8 $30,000 to $34,999
             1 .Summers only
                                                                              9 .$35,000 to $39,999
10 .$40,000 to $49,999
                                                                    ٧
             2 .Winters only
                                                                    ٧
   ٧
             3 .Other
                                                                    ٧
                                                                              11 $50,000 to $59,000
                                                                    ٧
                                                                              12 .$60,000 to $74,999
13 .$75,000 and Over
  D H-INTRV1 2
                       20
       Interviewer code
                                                                              19 Not answered
       Blank or impossible in any digit
        interviewer code A00-M99 excluding IXX
                                                                    D H-TELHHD
            -1 .Blank
                                                                        Telephone in household
  ٧
            00 .A
                                                                    U All (March, July, Nov. only)
  ٧
            01 .8
            02 .C
03 .D
                                                                            -1 .Not in universe (noninterview)
  ٧
                                                                    ٧
                                                                              1 .Yes
  ٧
  ٧
            04 .E
                                                                               2 .No
  ٧
            05 .F
                                                                   D H-TELAVL
 ٧
                                                                                1
            06 .G
                                                                       Telephone available
 ٧
            07 Н
                                                                   U H-TELHHD=2 (March, July, Nov. only)
 ٧
            t. 80
                                                                   ٧
                                                                            -1 .Not in universe
 ٧
            09 .K
                                                                   ٧
                                                                              1 .Yes
 ٧
            10 .L
 ٧
            11 .M
                                                                              2 No
 ٧
            12 .N
                                                                   D H-TELINT
 ٧
                                                                                1 30
            13 .P
                                                                        Telephone interview acceptable
            14 .Q
                                                                   U H-TELHHD=1 or H-TELAVL=1 (March, July,
 ٧
            15 .R
                                                                     Nov. only)
 ٧
           16 .s
                                                                           -1 .Not in universe
 ٧
           17 .T
                                                                   ٧
                                                                              1 .Yes
 ٧
           18 .U
 ٧
           19 .V
                                                                              2 .No
 ٧
           20 .W
                                                                       PRSCNT 1 31
Item 30 - Number of contacts - actual
                                                                   D H-PRSCNT
           21 .X
 ٧
           22 .Y
                                                                        and attempted -- personal
 ٧
                                                                   U March, July, Nov. only
                                                                            -1 .Blank
1-6 .# of personal contacts
 D H-INTRV2
             1
                    22
      Interviewer Code - digit 2
                                                                                -(6 = 6+)
          -1 .Blank
          0-9 .Interviewer code digit 2
                                                                  D H-TELCHT
                                                                               1
                                                                       Item 30 - Number of contacts - actual
D H-INTRV3 1
                    23
                                                                       and attempted -- telephone
     Interviewer Code - digit 3
                                                                  U March, July, Nov. only
          -1 .Blank
                                                                            -1 Blank
          0-9 .Interviewer code digit 3
                                                                  ٧
                                                                           1-9 _# of telephone contacts
D H-STATUS 1
                                                                               .(9 = 9+)
     Item 27B - HHLD status change +
                                                                  D H-TIMINT
                                                                      TIMINT 1 33
Item 31 - Time of interview
     replacement household
UALL
                                                                  U March, July, Nov. only
ν
          -1 .Blank
                                                                          -1 .Blank
ν
          1 .Yes
                                                                  ٧
                                                                            1 .Midnight to 6 A.M.
           2 .No
                                                                             2 .6 to 9 A.M.
                                                                 ٧
                                                                            3 .9 A.m. to noon
D H-TENURE
              1
                    25
                                                                             4 .Noon to 3 P.M.
    Tenure
```

```
DATA
              SIZE BEGIN
                                                              DATA
                                                                         SIZE BEGIN
              5 .3 to 6 P.M.
                                                                   Unique segment identifer
             6 .6 to 9 P.M.
             7 -9 P.M. to midnight
                                                               D Н-ННЫСТ
                                                                                 49
   Household weight (2 implied
                                                                   decimal places)
        Household recodes
   *****************
                                                                   Final household weight equivalent to
                                                                   the weight of the wife in husband-wife
                                                                   households and the reference person
   D H-HHTYPE 1 34
       Type of household
                                                                   in all other households
   U ALL
                                                              **********
   ٧
             1 .Interview
   ٧
                                                                  Allocation flags
             2 .Type A non-interview
                                                              **********************
   ٧
             3 .Type B/C non-interview
                                                              D H%TENURE
   D H-MIS
               1
                                                                                 58
                                                                        0 No change
       Month in sample
                                                                        1 Value to blank
          1-8 .Month in sample
                                                                        4 -Allocated
                                                              D H%FAMINC
  D H-NUMPER
             2
                     36
                                                                        0 .No change
       Number of persons in household
  U ALL
                                                              ٧
                                                                        2 .Blank to value
                                                             ٧
                                                                        6 .Refusal to value, allocated,
  ν
           00 .Noninterview household
                                                             ٧
  ٧
          1-39 .Number of persons in HHLD
                                                                          .no error
                                                             D H%ARACE
  D H-TYPE
                                                                         1
              1
                                                                       0 .No change
      Household type
                                                             ٧
  UALL
                                                                        1 .Value to blank
                                                             ٧
  ٧
                                                                       4 -Allocated
            0 .Non-interview household
  V
            1 .Husband/wife primary family
  ٧
                                                             D H%CPSCHK
              (neither husband or wife in
                                                                          1
                                                                       0 No change
  ν
              .Armed Forces)
  ٧
            2 Nusband/wife primary family
                                                                       2 .Blank to value
 ٧
              .(husband and/or wife in armed
                                                             D H%DAYCMP
 ٧
                                                                         1
              .forces)
                                                                              62
                                                                       0 .No change
           3 .Unmarried civilian male
                                                             ٧
 ٧
                                                                       2 .Blank to value
             .primary family householder
 ٧
           4 Unmarried civilian female
                                                            D H%HHNUM
             .primary family householder
                                                                       0 .No change
 ٧
           5 Primary family household -
                                                            ٧
                                                                       2 .Blank to value
             reference person in
                                                            ٧
             Armed Forces and unmarried
                                                                       8 .Blank to NA - error
           Civilian male primary
                                                            D H%INTRV
             .individuat
                                                                      0 No change
           7 .Civilian female primary
                                                                       2 .Blank to value
              individual
           8 .Primary individual household -
                                                            D H%LIVORT
             .reference person in Armed Forces
                                                                      0 .No change
           9 .Group quarters
                                                                      4 Allocated
D H-TYPERP
                                                                      7 -Blank to NA - no error
            1
     Type of reference person
                                                            D H%OCCINT
U H-HHTYPE=1
                                                                      0 .No change
          0 .Not in universe
ν
                                                                      1 .Value to blank
           1 .Civilian
                                                            ٧
                                                                      4 Allocated
           Armed Forces
          3 .Group quarters
                                                           D HXRESPNM
                                                                      0 .No change
D H-NUMFAM 2
     Number of families in HHLD
                                                                      2 Blank to value
U H-HHTYPE=1
                                                           D H%SEASON
        00 .Not in universe
                                                                     0 .No change
٧
      00-39 .Number of families
                                                                      1 .Value to blank
                                                                     4 .Allocated
D H-HHDSEQ
           2
                  42
    Householder sequence number
                                                           D H%STATUS
                                                                        1
     (reference person)
                                                                              69
                                                                     0 .No change
    (Will be first adult record for
                                                           ٧
                                                                     1 -Value to blank
    group quarters)
                                                           ٧
                                                                     2 .Blank to value
U H-HHTYPE=1
                                                                     3 .Value to value
        00 Not in universe
                                                                     8 .Blank to NA - error
٧
      01-39 .Sequence number
D H-MSTIND
           5
```

Master segment tape index

CURRENT POPULATION SURVEY - ADULT INTERVIEW

```
DATA
               SIZE BEGIN
                                                                  DATA
                                                                              SIZE BEGIN
   D H%AREASN
                 1
                                                                             45 .South Dakota
              0 .No change
                                                                   V
                                                                             46 .Nebraska
              1 .Value to blank
                                                                             47 .Kansas
                                                                        South Region (Region 3)
   D H%TYPEBC
                                                                        South Atlantic Division (Div. 5)
              0 No change
                                                                             51 .Delaware
              1 .Value to blank
                                                                  ٧
                                                                             52 Maryland
   D H%TELHHD
                                                                             53 District of Columbia
             1 72
0 .No change
                                                                             54 .Virginia
                                                                            55 .West Virginia
   ٧
              1 .Value to blank
                                                                  ٧
                                                                            56 .North Carolina
   ٧
             4 .Allocated
                                                                  ٧
                                                                            57 .South Carolina
                                                                  ٧
  D H%TELAVL
                                                                            58 .Georgia
                                                                  ٧
                                                                            59 .Florida
  ν
             0 .No change
                                                                       East South Central Division (Div. 6)
  ٧
             1 .Value to blank
                                                                  ٧
                                                                            61 .Kentucky
  ٧
             4 .Allocated
                                                                  v
                                                                            62 .Tennessee
                                                                            63 .Alabama
  D H%TELINT
             1 74
0 .No change
                                                                  ٧
                                                                            64 -Mississippi
                                                                       West South Central Division (Div. 7)
             1 .Value to blank
                                                                            71 .Arkansas
             4 .Allocated
                                                                  ٧
                                                                            72 Louisiana
                                                                  ٧
  D H%PRSCNT
                                                                            73 .Oklahoma
                                                                            74 .Texas
             0 .No change
                                                                       West Region (Region 4)
             2 .Blank to value
                                                                       Mountain Division (Div. 8)
                                                                           81 Montana
  D H%TIMINT
                                                                           82 .Idaho
            0 .No change
                                                                 ٧
                                                                           83 . Wyoming
  ٧
             2 .Blank to value
                                                                 ٧
                                                                           84 Colorado
                                                                           85 New Mexico
 D H%TELCNT
                                                                 ν
                                                                           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
      not defined here, see geographic
                                                                 ν
                                                                           94 .Alaska
      appendix to this DDL.
                                                                 v
                                                                           95 .Hawaii
        D HG-STRN
 D HG-REG
             1 78
                                                                      1980 State rank
      Region
                                                                      (See Geographic Appendix)
 V
            1 .Northeast
 ٧
            2 .Midwest
                                                                 D HG-FIPS
 ν
            3 .South
                                                                      FIPS State code
 ٧
            4 West
                                                                     (See Geographic Appendix)
 D HG-ST60
             2
                    79
                                                                D HG-MSAS
                                                                              1
      1960 Census state code (first
                                                                     MSA status
     digit = geog. division code)
                                                                          1 .In MSA, in CC
     Northeast Region (Region 1)
                                                                           2 .In MSA, not in CC
3 .Not in MSA
                                                                ٧
     New England Division (Div. 1)
                                                                v
          11 .Maine
                                                                ٧
                                                                           4 Not identified
          12 .New Hampshire
          13 .Vermont
                                                                D HG-MSAC
                                                                                    86
          14 .Massachusetts
                                                                     MSA or PMSA FIPS code
          15 .Rhode Island
                                                                        0000 .Not MSA/PMSA, not identified
          16 .Connecticut
                                                                V 0040-9340 MST/PMSA code
     Middle Atlantic Division (Div. 2)
                                                                     (See Geographic Appendix)
          21 .New York
          22 .New Jersey
23 .Pennsylvania
                                                                D HG-PMSA
                                                                     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)
٧
          32 .Indiana
          33 .Illinois
                                                               D HG-MSAR
                                                                             3
          34 _Michigan
                                                                     MSA or CMSA rank
٧
          35 Wisconsin
                                                                    000 Not an MSA, not identified 001-252 Ranking of MSAs or CMSAs by
     West North Central Division (Div. 4)
         41 .Minnesota
                                                                            -population
         42 .Iowa
                                                                     (See Geographic Appendix)
         43 .Missouri
         44 .North Dakota
```

```
DATA
               SIZE BEGIN
                                                                 DATA
                                                                             SIZE BEGIN
  D HG-MSSZ
                2
                       95
                                                                  UALL
       MSA size
       First character -- padding
Second character -- pop. size MSA/CMSA
                                                                             1 .Married - civilian spouse
                                                                              .present
                                                                  ٧
                                                                             2 .Married - AF spouse present
             1 .Not identified, not an MSA
                                                                  ٧
                                                                             3 .Married - spouse absent
  ٧
             2 .100,000 - 249,999
3 .250,000 - 499,999
  ٧
                                                                              (Exc. separated)
                                                                             4 Widowed
             4 .500,000 - 999,999
5 .1 million - 2,499,999
  ٧
                                                                  ٧
                                                                             5 .Divorced
  ٧
                                                                             Separated
             6 .2.5 million - 4,999,999
7 .5 million - 9,999,999
                                                                             7 Never married
  ٧
             8 .10 million or more
                                                                  D A-SPOUSE 2 123
                                                                      Item 18F - Spouse's Line number
  D HG-CMSA
                2
                                                                  JJA U
           00 .Not in CMSA, not identified
                                                                 ٧
                                                                           00 .None
  ٧
         07-91 .CMSA code
                                                                         01-39 .Spouse's line number
       (See Geographic Appendix)
 D H-METSTA 1 yy
V 1 -Metropolitan
                                                                 D A-SEX
                                                                              1 125
                                                                      Item 18G - Sex
                                                                 UALL
             2 .Nonmetropolitan
                                                                 ٧
                                                                            1 .Male
            3 .Not identified
                                                                            2 .Female
 D H-INDVCC 1 100
                                                                 D A-VET
                                                                              1 126
      Individual central city identifier
                                                                     Item 18G - Veteran status
       (See Geographic Appendix)
                                                                 ٧
                                                                            1 .Vietnam era
 D H-RECTYP 1
                   101
                                                                 ٧
                                                                            2 .Korean War
         1 .Interviewed adult
                                                                 ٧
                                                                           3 .World War II
 ٧
            2 .Type A noninterview
                                                                 ٧
                                                                            4 .World War I
 ٧
            3 .Type B/C noninterview
                                                                 ٧
                                                                            5 .Other service
            4 .Armed Forces record
                                                                           6 .Nonveteran
            5 .Childrens record
                                                                 D A-HGA
                                                                             2 127
 D H-10
             12
                  102
                                                                    Item 18h - Highest grade attended
      Unique household identifer
                                                                U All
                                                                          00 None
 D A-LINENO 2 114
                                                                V
                                                                          01 .E1
     Item 18A - Line number
                                                                          02 .E2
 UALL
                                                                          03 .E3
        01-39 .Line number
                                                                          04 .E4
                                                                          05 .E5
 D A-RRP 2 116
                                                                          06 .E6
     Item 188 - Relationship to
                                                                          07 .E7
      reference person
                                                                          08 .E8
                                                                          09 .H1
            1 .Reference person with other
                                                                          10 .H2
٧
              relatives in HHLD
                                                                          11 .H3
           2 .Reference person with no other
                                                                         12 .H4
٧
             relatives in HHLD
                                                                          13 .c1
           3 . Husband
                                                                          14 .c2
15 .c3
           4 .Wife
           5 .Own child
                                                                          16 .C4
           6 .Parent
                                                                          17 .c5
           7 .Brother/sister
                                                                          18 .c6+
          8 .Other Relative of Reference
             .person
                                                                D A-HGC
                                                                             1
                                                                                129
           9 Non-relative of reference
                                                                    Item 181 - Grade completed
             .person with own relatives in HHLD
          10 Non-relative of reference
                                                                          1 .Yes
            .person-no own relatives in HHLD
                                                               ٧
                                                                          2 .No
D A-PARENT 2 118
                                                               D A-RACE
                                                                           1 130
     Item 18C - Parent's line number
                                                                    Item 18J - Race
JIA U
          00 .None
                                                                          1.White
      01-39 .Parent's line number
                                                               ٧
                                                                          2 .Black
                                                                          3 .Amer Indian, Aleut Eskimo
           2 120
D A-AGE
                                                                          4 Asian or Pacific Island
    Item 18D - Age
                                                               ٧
                                                                          5 .Other
UALL
      15-90 .Adult age
                         (Age topcoded
٧
           .at 90)
D A-MARITL 1 122
    Item 18E - Marital status
```

CURRENT POPULATION SURVEY - ADULT INTERVIEW

```
DATA
              SIZE BEGIN
                                                               DATA
                                                                          SIZE BEGIN
  D A-MAJACT 1 131
       Item 19 - What was ... doing most
                                                                          -1 .Not in universe
                                                                          1 .Yes
       of last week
                                                                          2 .No

    Working

                                                               D A-OVRTIM
                                                                             1 140
  ٧
             2 .With job but not at work
                                                                    Item 20E - Did ... work any overtime
  ٧
             3 .Looking for work
                                                                    or at more than one job last week
  ٧
             4 .Keeping house
                                                               U A-LOSTIM (1-200)=2
  ٧
             5 .Going to school
                                                               v
                                                                      -1 .Not in universe
            6 .Unable to work
                                                               ٧
                                                                         1 .Yes
  V
            7 .Retired
                                                               ٧
                                                                          2 .No
  ٧
            8 .Other
                                                                    JOBABS 1 141
Item 21 - Did ... have a job or
                                                               D A-JOBABS 1
  D A-ANYWK
                    132
               1
       Item 20 - Did ... do any work at
                                                                    business from which he/she was
       all last week, not counting work
                                                                    temporarily absent or on layoff
       around the house
                                                                    last week
  U A-MAJACT (I-19)=2,3,4,5,7 or 8 (NE 1,6)
                                                               U A-ANYWK (1-20)=2
         -1 .Not in universe
                                                                     -1 .Not in universe
  ν
           1 .Yes
                                                               ٧
                                                                         1 .Yes
  ٧
            2 .No
                                                                         2 .No
  D A-HRS1
              2
                    133
                                                               D A-WHYABS
      Item 20a - How many hours did ...
                                                                                142
                                                                   Item 21A - Why was ... absent from
      work last week at all jobs
                                                                   work last week
  U A-MAJACT (I-19)=1 or A-ANYWK (I-20)=Yes
                                                              U A-JOBABS (1-21)=1
        -1 .Not in universe 00:99 .Number of hours
                                                                        -1 .Not in universe
                                                              ٧
                                                                         1 .Own illness
                                                                        2 .On vacation
 D A-HRSCHK 1 135
                                                              ٧
                                                                        3 .Bad weather
      Item 20B - Interviewer check of
                                                              ٧
                                                                         4 .Labor dispute
      item 20A
                                                                        5 New job to begin within
 U Same as A-HRS1 (I-20A)
                                                              ν
                                                                           .30 days
        -1 .Not in universe
                                                                         6 .Temporary Layoff (Under 30
           1 .49+
                                                                           _days)
 ٧
          2 .1-34
                                                              ٧
                                                                         7 Indefinite layoff (30 days or
           3 .35-48
                                                                         .more)
8 .Other
 D A-USLFT
                   136
 U A-HRSCHK (1-20B)=2
                                                              D A-PAYABS
                                                                          1 143
      Item 200 - Does ... usually work
                                                                   Item 21B - Is ... receiving wages
      35 hours or more a week at this
                                                                   or salary for any of the time off
      job (Part 1)
                                                                   last week
          -1 .Not in universe
                                                              U A-WHYABS (I-21A)=1-4,8
 ٧
           1 .Yes
                                                                     -1 .Not in universe
 ٧
           2 .No
                                                                       1 .Yes
                                                                        2 .No
 D A-FTREAS
                 137
                                                              v
                                                                        3 .Self-employed
     Item 200 - Does ... usually work
     35 Hours or more a week at this
                                                              D A-FTABS
                                                                          1 144
     job (Part 2)
                                                                  Item 21C - Does ... usually work 35
U A-HRSCHK (1-20B)=2
                                                                  hours or more a week at this job
        -1 .Not in universe
                                                              U A-WHYABS (I-21A)=1-4,8
           1 .Slack work
                                                              ٧
                                                                    -1 .Not in universe
           2 .Material shortage
                                                                       1 .Yes
           3 .Plant or machine repair
                                                             ٧
                                                                        2 .No
          4 .New job started during week
          5 .Job terminated during week
                                                             D A-LKWK
                                                                  KWK 1 145
Item 22 - Has ... been looking for
          6 .Could find only part time work
          7 .Holiday
                                                                  work during the past 4 weeks
          8 .Labor dispute
                                                             U A-JOBABS (1-21)=2
           9 .Bad weather
                                                                    -1 .Not in universe
         10 .Own illness
                                                                       1 Yes
          11 .On vacation
                                                                       2 .No
         12 .Too busy with house, school,
                                                             **************
         13 .Did not want full time work
                                                                  Item 22A - What has ... been doing in *
          14 .Full-time work weeks < 35 hrs
                                                                  the last 4 weeks to find work
         15 .Other
                                                                  Method use - Multiple entries possible*
                                                             *********
D A-LOSTIM 1
                139
     Item 20D - Did ... lose any time or
                                                                         1
                                                                              146
     take any time off last week for any
                                                                  Checked with public employment agency
     reason such as illness, holiday or
                                                             U A-LKWK (I-22)=1
    slack work
                                                                    -1 .Not in universe
U A-HRSCHK (1-208)=3
                                                             ٧
                                                                       1 .Entry
```

٧

1 .Yes

```
DATA
                                                                   DATA
                                                                               SIZE BEGIN
   D A-MTHD2 1 147
                                                                               2 .No
       Checked with private employment agency
                                                                    D A-WHYNA
                                                                        WHYNA 1 158
Item 22E2 - Why not
   U A-LKWK (1-22)=1
        -1 .Not in universe
1 .Entry
                                                                    U A-AVAIL (1-22E1)=2
   ٧
                                                                             -1 .Not in universe
                                                                              1 .Already has a job
  D A-MTHD3
                    148
                                                                    ٧
                                                                               2 .Temporary illness
      Checked with employer directly
                                                                               3 .Going to school
  U A-LKWK (I-22)=1
                                                                               4 Other
            -1 .Not in universe 1 .Entry
                                                                        WHENLJ 1 159
Item 22F - When did ... last work at a
                                                                   D A-WHENLJ
  D A-MTHD4
                   149
                                                                        full-time job or business lasting 2
      Checked with friends or relatives
                                                                        consecutive weeks or more
  U A-LKWK (I-22)=1
                                                                   U Same as A-WKSLK (I-22C)
       -1 .Not in universe
                                                                             -1 Not in universe
            1 .Entry
                                                                             1 .In last 12 months
                                                                             2 .1-5 years ago
3 .More than 5 years ago
  D A-MTHD5
               1
                     150
      Placed or answered ads
                                                                              4 Never worked full time 2
  U A-LKWK (1-22)=1
                                                                               .weeks or more
       -1 .Not in universe
                                                                              5 .Never worked at all
  ٧
            1 .Entry
                                                                       IND 3 160
Item 238 - Industry
                                                                   D A-IND
  D A-MTHD6
              1 151
      Nothing
                                                                   U A-CLSWKR=1-7
 U A-LKWK (I-22)=1
                                                                       -1 .Not in universe
                                                                  ٧
        -1 .Not in universe
                                                                  v
                                                                            000 .Old not in universe
            1 .Entry
                                                                        002-992 .Legal code
 D A-MTHD7
               1
                   152
                                                                   *********
      Other
                                                                  * See industry and occupation code
 U A-LKWK (1-22)=1
                                                                     appendix for list of legal codes
        -1 .Not in universe
            1 .Entry
 D A-WHYLK 1 153
Item 22B - Why did ... start looking
                                                                               3 163
                                                                      Item 23C - Occupation
                                                                  U A-CLSWKR=1-7
      for work was it because ...
                                                                       -1 .Not' in universe
 U A-LKWK (1-22)=1 or A-WHYABS (1-21A)=5
                                                                           000 .Old not in universe
           -1 .Not in universe
                                                                       003:993 .Legal code
           1 .Lost job
           2 .Quit job
                                                                  D A-CLSWKR
           3 .Left school
                                                                      Item 23E - Class of Worker
            4 .Wanted temporary work
                                                                  U A-LFSR=1-4 or A-LFSR=5-7 and A-NLFROT=2
           5 .Change in home or family
                                                                    and A-NLFLJ=1-5
 ν
             .responsibilities
                                                                           -1 .Not in universe
 ν
            6 Left military service
                                                                            1 .Private
            7 .Other
                                                                            2 .Federal government
     WKSLK 2 154
Item 22C - 1) How many weeks has ...
been looking for work 2) how many
                                                                            3 .State government
D A-WKSLK
                                                                             4 .Local government
                                                                            5 .Self-employed-incorporated
                                                                            6 -Self-employed-not incorporated 7 -Without pay
     weeks ago did ... start looking
     how many weeks ago was ...
                                                                            8 Never worked
     laid off
U A-WHYLK (I-22B)=ENTRY or A-WHYABS
                                                                     -CHKWJ 1 167
Item 23F - Interviewer check item
                                                                 D A-CHKWJ
  (I-21A)=6 or 7
       -1 .Not in universe 00-99 .Entry
                                                                 U A-CLSWKR (I-23E)=ENTRY
                                                                          -1 .Not in universe
                                                                            1 .Entry (or NA) in 120A and P.F.S
D A-LKFTPT 1 156
                                                                              or L in 123E
     Item 22D - Has ... been looking for
                                                                            2 .Entry (or NA) in I23B and P,F,S .or L in I23E
full-time or part-time work
U Same as A-WKSLK (I-22C)
                                                                            3 .All other cases
        -1 .Not in universe
          1 .Full-time
٧
                                                                      ILFROT 1 168
Item 24 - Interviewer check item -
                                                                 D A-NLFROT
٧
           2 .Part-time
                                                                      first digit of segment #
     AVAIL 1 157
Item 22E1 - Could ... have taken a
D A-AVAIL
                                                                 U A-LKWK (1-22)=2
                                                                        -1 .Not in universe
     job if one had been offered
                                                                            1 .Continuing rotations
U Same as A-WKSLK (1-22C)
                                                                            2 Outgoing rotations
     -1 .Not in universe
```

CURRENT POPULATION SURVEY - ADULT INTERVIEW

```
DATA
               SIZE BEGIN
                                                                  DATA
                                                                            SIZE BEGIN
   D A-NLFLJ 1 169
                                                                   D A-WHYNL6 1 177
        Item 24A - When did ... last work
                                                                       Can't arrange child care
        for pay at a regular job or business,
                                                                   U A-WANTJB (1-24C)=1 or 2
        either full-time or part-time
   U A-NLFROT (1-24)=2
                                                                         -1 .Not in universe
                                                                            1 .Entry
            -1 .Not in universe
           1 .Within past 12 months
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
                                                                   D A-WHYNL7 1 178
                                                                       Family responsibilities
                                                                   U A-WANTJB (I-24C)=1 or 2
   ٧
                                                                       -1 .Not in universe
1 .Entry
            6 5 or more years ago
   v
   ٧
            7 .Never worked
                                                                  D A-WHYNL8 1 179
                                                                       In school or other training
   D A-WHYLFT
               1 170
       Item 24B - Why did ... leave that job
                                                                  U A-WANTJB (I-24C)=1 or 2
                                                                     -1 .Not in universe
1 .Entry
   U A-NLFLJ (I-24A)=1-5
             -1 .Not in universe
             1 .Personal, family or school
                                                                  D A-WHYNL9 1
             2 .Health
            3 Retirement or old age
  ٧
                                                                      Ill health
                                                                  U A-WANTJB (I-24C)=1 or 2
  ٧
             4 .Seasonal job completed
                                                                      -1 .Not in universe
1 .Entry
            5 .Slack work or business
             .conditions
6 .Temporary nonseasonal job
                                                                  D A-WHYNLA
  ٧
                                                                              1 181
              .completed
             7 .Unsatisfactory work arrangements
                                                                      Other
  ٧
                                                                  U A-WANTJB (I-24C)=1 or 2
             8 .Other
                                                                      -1 Not in universe
  D A-WANTJB 1 171
Item 24C - Does ... want a regular
job now, either full or part-time
                                                                            1 .Entry
                                                                 D A-WHYNLB
  U A-NLFROT (1-24)=2
                                                                    Don't know
                                                                 U A-WANTJB (1-24C)=1 or 2
        -1 .Not in universe
                                                                       -1 .Not in universe
1 .Entry
           1 .Yes
          2 .Maybe-it depends
           3 .No
4 .Don't know
 v
                                                                 D A-INTEND 1 183
                                                                      Item 24E - Does ... intend to look
                                                                      for work of any kind in the next
 **********
 * Item24D - What are the reasons ... is *
                                                                      12 months
                                                                 U A-NLFROT (1-24)=2
 * not looking for work
                                                                      -1 -Not in universe
1 -Yes
 * (Multiple entries possible)
********************
                                                                       1 .Tes
2 .It depends
3 .No
                                                                           3 .No
 D A-WHYNL1 1 172
                                                                           4 .Don't know
    Believes no work available
 U A-WANTJB (I-24C)=1 or 2
                                                                 ***************
   -1 .Not in universe
1 .Entry
                                                                       Edited Earnings Items
                                                                 ************
 D A-WHYNL2 1 173
Couldn't find any work
                                                                D A-EARNRT 1 184
                                                                    Item 25 - Interviewer check item
 U A-WANTJB (I-24C)=1 or 2
   -1 .Not in universe
1 .Entry
                                                                U A-CHKWJ (I-23F)=1 or 2
                                                                     -1 .Not in universe
1 .MIS 1,2,3,5,6,7
2 .MIS 4, 8
D A-WHYNL3 1 174
   Lacks nec. schooling, etc.
                                                                D A-USLHRS
U A-WANTJB (I-24C)=1 or 2
                                                                            2
                                                                     Item 25A - How many hours per week
     -1 .Not in universe
1 .Entry
                                                                     does ... usually work at this job
                                                                U EARNRT (1-25)=2
D A-WHYNL4 1 175
Employers think too young or too old
                                                                   -1 .Not in universe
                                                                      00-99 Entry
                                                                ٧
U A-WANTJB (I-24C)=1 or 2
                                                               D A-HRLYWK 1 187
Item 25B - Is ... paid by the hour
     -1 .Not in universe
1 .Entry
                                                                    on this job
                                                               U A-EARNRT (1-25)=2
D A-WHYNL5 1 176
                                                                   -1 .Not in universe
   Other personal handicap in finding job
                                                                       1 Yes
2 No
U A-WANTJB (1-24C)=1 or 2
   -1 .Not in universe
1 .Entry
```

```
DATA
              SIZE BEGIN
                                                              DATA
                                                                          SIZE BEGIN
   D A-UNMEM
              1 188
       Item 25E - On this job, is ... a member
                                                                          5 .Natural/adopted child
                                                               ٧
       of a labor union or of an employee
                                                                          6 .Step child
                                                               ٧
                                                                          7 Grandchild
       association similar to a union
                                                                          8 .Parent
   U A-EARNRT (1-25)=2
                                                                          9 .Brother/sister
        -1 .Not in universe
                                                               ٧
                                                                         10 .Other relative
  ٧
            1 .Yes
                                                               ٧
  v
                                                                         11 .Foster child
             2 .No
                                                                         12 .Nonrelative with relatives
       UNCOV 1 189
Item 25F - On this job, is ... covered
                                                                         13 .Partner/roommate
  D A-UNCOV
                                                                         14 .Nonrelative without relatives
       by a union or employee association
                                                               D A-LFSR
                                                                            1
                                                                                 198
       contract
  U A-UNMEM (I-25E)=2
                                                                    Labor force status recode
                                                               UALL
        -1 .Not in universe
  ٧
            1 .Yes
                                                                          1 .Working
                                                               ν
                                                                         2 .With job, not at work
            2 .No
                                                               v
                                                                         3 Unemployed, looking for work
4 Unemployed, on layoff
  D A-ENRCHK
             1 190
                                                                         5 .NILF - working w/o pay < 15 hrs
     Item 26 - Interviewer check item
                                                                         .Temp. absent from w/o pay job
6 .NILF - unavailable
  ٧
            1 .This person is 16-24 years of
                                                                         7 .Other NILF
  ٧
              .age
  ٧
            2 .All others
                                                              D A-UNTYPE
                                                                            1
                                                                                199
                                                                   Reason for unemployment
 D A-ENRLW
              1 191
                                                              U A-LFSR=3 or 4
      Item 26A1 - Last week was ... attending
                                                              ٧
      or enrolled in a high school, college
                                                                       -1 .Not in universe
                                                                        1 .Job loser - on layoff
      or university
                                                                        2 .Other job loser
 U A-ENRCHK (1-26)-1
                                                                        Job leaver
         -1 .Not in universe
                                                              ٧
 ν
                                                                         4 Re-entrant
          1 .Yes
                                                                        5 .New entrant
 ٧
           2 .No
                                                              D A-NLFREA 2
                                                                                200
 D A-HSCOL
                   192
                                                                   Current activity/reason not looking
      Item 26A2
                                                                   for NILF reason
 U A-ENRLW (I-26A1)=1
                                                              U LFSR=5, 6 or 7 and MIS=4 or 8
        -1 .Not in universe
                                                                       -1 .Not in universe
 ν
          1 High school
                                                                       1 .School
 ٧
           2 .College or university
                                                                        2 .Ill, disabled
                                                              ν
                                                                        3 .Keeping house
                 193
                                                                        4 .Retired or old age
      Item 268 - Is ... enrolled in school
                                                                       5 .No desire
     as a full-time or part-time student
                                                                       6 Employers think too young or
 U A-ENRLW (I-26A1)=1
                                                                         .old
          -1 .Not in universe
                                                                       7 .Lacks education or training
٧
           1 .Full time
                                                                       8 .Other personal reason
           2 .Part time
                                                                       9 Could not find work
                                                                       10 .Thinks no job available
11 .Other
      Adult Recodes
***************
                                                             D A-WKSTAT
                                                                             202
D A-REORGN 2 194
                                                                  Full/part-time status
     Item 18K - Origin
                                                                        1 .Not in labor force
                                                                        2 .Full-time schedules
           1 .Mexican American
                                                                       3 .Part-time for economic
          2 .Chicano
                                                                          -reasons, usually full-time
          3 -Mexican (Mexicano)
                                                                       4 Part-time for non-economic
          4 .Puerto Rican
                                                                         .reasons, usually part-time
          5 .Cuban
                                                                       5 Part-time for economic
          6 .Central or South American
                                                                        _reasons, usually part-time
          7 .Other Spanish
                                                                       6 Unemployed full-time
          8 .All other
                                                                       7 Unemployed part-time
         9 .Don't know
10 .NA
                                                             D A-EXPLF
                                                                        1 203
                                                                 Experienced labor force employment
D A-EXPRRP
            2 196
                                                                 status
    Expanded relationship code
                                                            U LFSR=1-4 and A-COW NE 8
UALL
                                                                     -1 .Not in experienced labor force
          1 -Reference person with
                                                                      1 .Employed
            .relatives
                                                                       Unemployed
          2 .Reference person without
           .relatives
          3 . Husband
```

4 .Wife

CURRENT POPULATION SURVEY - ADULT INTERVIEW

```
DATA
                SIZE BEGIN
                                                                   DATA
                                                                               SIZE BEGIN
   D A-WKSCH
                1
                      204
                                                                              04 .Job terminated
        Labor force by time worked or lost
                                                                    ٧
                                                                              05 .Holiday
   U LFSR=1-4
                                                                    ٧
                                                                              06 .Labor dispute
             -1 .Not in universe
                                                                    ٧
                                                                              07 Bad weather
              1.At Hork
                                                                              08 .Own illness
   ٧
              2 .With job, not at work
                                                                    ٧
                                                                              09 .On vacation
   V
              3 .Unemployed, seeks full-time
   ٧
                                                                              10 -All other
              4 .Unemployed, seeks part-time
                                                                         Usually work part-time
                                                                              11 .Slack work
   D A-CIVLE
                1
                      205
                                                                   ٧
                                                                              12 .Could find only part-time
        Civilian labor force
                                                                   ٧
                                                                              13 .Own illness
   U LFSR=1-4
                                                                              14 .Too busy or did not want
             -1 .Not in universe
                                                                   ٧
   ٧
                                                                                .full-time
              1 .In universe
                                                                   ٧
                                                                              15 .Full-time under 35 hours
                                                                             16 .Other
   D A-FTLF
                1
       Full-time labor force
                                                                   D A-ABSREA
                                                                                 2
  U LFSR=1-4 and Full-time
                                                                                      213
                                                                        Reason not at work and pay status
  V
           -1 .Not in universe
                                                                   U LFSR=2
  ν
            1 .In universe
                                                                   ν
                                                                             -1 .Not in universe
                                                                        Usually work full-time paid
  D A-EMPHRS 2
                     207
                                                                             01 Vacation
       Reasons not at work or hours at work
                                                                   ٧
                                                                             02 .Illness
  U LFSR=1 or 2
                                                                   ٧
                                                                             03 .All other
            -1 .Not in universe
                                                                        Not paid
       With a Job, but not at work
                                                                             04 .Vacation
            01 .Illness
                                                                   ٧
                                                                             05 .Illness
  ٧
            02 .Vacation
                                                                   ٧
                                                                             06 .All other
  ٧
            03 .Bad weather
                                                                        Usually work part-time paid
  ٧
            04 .Labor dispute
                                                                  ٧
                                                                            07 Vacation
  ٧
            05 .All other
                                                                            08 Illness
                                                                  ٧
       At work
                                                                  ۷
                                                                            09 .All other
  ٧
            06 .1-4 hours
                                                                       Not paid
            07 .5-14 hours
 ٧
 ٧
           08 .15-21 hours
                                                                            10 .Vacation
                                                                  ν
                                                                            11 .Illness
 ٧
           09 .22-29 hours
                                                                  ٧
                                                                            12 .All other
           10 .30-34 hours
 ٧
 V
           11 .35-39 hours
                                                                  D A-AG-NA
                                                                                1
                                                                                     215
 ٧
           12 .40 hours
                                                                            -1 .Not in universe
 ٧
           13 .41-47 hours
                                                                  UALL
 ٧
           14 .48 hours
                                                                             1 -Agriculture industry
           15 .49-59 hours
                                                                  ٧
                                                                             2 Nonagriculture industry
           16 .60 hours or more
                                                                  D A-MJIND
                                                                                2
               2
                    209
                                                                      Major industry code
      At work 1-34 hours by hours at work
                                                                  U A-CLSWKR=1-7
 U LFSR=1 and I20A<35
                                                                           -1 .Not in universe
           -1 .Not in universe
                                                                           01 Agriculture
02 Mining
           00 .Usually full-time, part-time
 ٧
              for non-economic reasons
                                                                 ٧
                                                                           03 .Construction
      Usually work full-time, part-time
                                                                      Manufacturing
      for economic reasons
                                                                           04 .Manufacturing-durable goods
 ٧
           01 .1-4 hours
                                                                 ٧
                                                                           05 .Manufacturing-nondurable goods
           02 .5-14 hours
 ٧
                                                                      Transportation, communications, and other
          03 .15-29 hours
                                                                      public utilities
٧
           04 .30-34 hours
                                                                           06 .Transportation
      Usually work part-time, economic reasons
                                                                           07 Communications
          05 .1-4 hours
                                                                           08 .Utilities and sanitary services
          06 .5-14 hours
                                                                      Wholesale and retail trade
          07 .15-29 hours
                                                                           09 .Wholesale trade
          08 .30-34 hours
                                                                           10 .Retail trade
11 .Finance,insurance and real
     Usually work part-time, noneconomic reasons
٧
          09 .1-4 hours
                                                                             .estate
٧
          10 .5-14 hours
                                                                      Services (12-20)
          11 .15-29 hours
                                                                           12 .Private household
٧
          12 .30-34 hours
                                                                      Miscellaneous services
                                                                 ۷
                                                                           13 .Business and repair
D A-PTREA
              2
                   211
                                                                ٧
                                                                           14 .Personal services, except
     Detailed reason for part-time
                                                                ٧
                                                                           .private household
15 .Entertainment
U LFSR=1 and I20A < 35
                                                                ٧
٧
          -1 .Not in universe
                                                                      Professional and related services
     Usually work full-time
                                                                          16 .Hospital
          01 .Slack work
                                                                           17 .Medical, except hospital
         02 .Material shortages, plant
V
                                                                ٧
                                                                           18 .Educational
             .repair
                                                                           19 .Social services
          03 New job started
```

```
DATA
               SIZE BEGIN
                                                                  DATA
                                                                              SIZE BEGIN
             20 .Other professional
                                                                        Non-agriculture wage and salary
             21 .Forestry and fisheries
   V
             22 .Public administration
                                                                           Private industry
                                                                             05 .Private household
             23 .Armed Forces
                                                                   ٧
                                                                             06 .Other private
   D A-DIIND
                                                                           Government
                      218
        Detailed industry code
                                                                   ٧
                                                                             07 .Federal
        See industry and occupation code
                                                                             08 .State
                                                                  ν
                                                                             09 .Local
        appendix for list of legal codes
                                                                             10 .Self-employed
  U A-CLSVKR=1-7
                                                                             11 .Unpaid family
  D A-MJOCC
               2
                     220
                                                                  D A-EMP
                                                                                     229
       Major occupation code
                                                                       Employed persons (excluding farm
  U A-CLSWKR=1-7
                                                                       workers and private household workers)
           -1 .Not in universe
                                                                  UALL
       Managerial and professional
                                                                  ٧
                                                                             -1 .Not in universe
            01 .Executive, admin. and
  ٧
                                                                  ٧
                                                                             1 .In Universe
               -managerial
  ٧
            02 .Professional specialty
                                                                  D A-NAGWS
                                                                                1
                                                                                     230
       Technical, sales and admin. support
                                                                  UALL
  ٧
            03 .Technicians and related support
                                                                       Non agricultural wage and salary
  ٧
            04 .Sales
                                                                       workers
  ٧
            05 .Administrative support,
                                                                            -1 .Not in universe
  ٧
               including clerical
                                                                  ν
                                                                             1 .In Universe
       Service
  ٧
            06 .Private household
                                                                 D A-RCOW
                                                                                1
                                                                                     231
  ٧
            07 .Protective service
                                                                 UALL
  ٧
            08 .Other service
                                                                       Class of worker recode
            09 .Precision production, craft and
  ν
                                                                            -1 .Not in universe
  ٧
               .repair
                                                                 ν
                                                                            1 .Private
      Operators, fabricators and laborers
                                                                            2 Federal
                                                                 ٧
 ٧
           10 .Machine operators, assemblers
                                                                            3 .State
 ٧
              .and inspectors
                                                                 ν
                                                                            4 Local
           11 .Transportation and material
 ٧
                                                                            5 .Se-uninc.
              .moving
                                                                 ٧
                                                                            6 .Without pay
           12 Handlers, equip. cleaners, etc.
 ν
                                                                            7 .Never worked
 ٧
           13 .Farming, forestry and fishing
 V
           14 .Armed Forces
                                                                 D A-NCAGPWS
                                                                                1
                                                                                     232
           15 .No previous experience - never
 ٧
                                                                 U All
              .worked
                                                                      Nonagricultural private wage and
                                                                      salary workers (Except private
 D A-DTOCC
               2
                    222
                                                                      household)
      Detailed occupation code
                                                                           -1 .Not in universe
      See industry and occupation code
                                                                            1 .In universe
      appendix for list of legal codes
 U A-CLSWKR=1-7
                                                                 D A-HERNTP
                                                                                   233
                                                                      Hourly earnings top code
 D A-ERNEL
             1
                  224
                                                                          -1 .Not in universe
     Earnings eligibility flag
                                                                       0-9999 .Hourly earnings value
                                                                             .(2 implied decimal places)
 ٧
            O .Not earnings eligible
 ٧
           1 .Earnings eligible
                                                                D A-WERNTP
                                                                             4
                                                                     Weekly earnings top code
D A-IOELIG
                   225
                                                                          -1 Not in universe
JJA U
                                                                v
                                                                      0-1927 .Weekly earnings value
      Industry and occupation eligibility
                                                                D A-HERNTE
                                                                             1
                                                                                  241
           O .Not I and O eligible
                                                                     Hourly earnings top code flag
           1 .I and 0 eligible
٧
                                                                         -1 .Not in universe
                                                                           0 .Not top coded
D A-DSCHK
             1
                   226
                                                                ν
                                                                           1 -Top coded
     Discouraged worker flag
U ALL
                                                                D A-WERNTF
                                                                              1
           0 .Non-discouraged worker
ν
                                                                     Weekly earnings top code flag
٧

    Discouraged worker

                                                                          -1 .Not in universe
                                                                ٧
                                                                          0 Not top coded
D A-DTCLWK
             2
                   227
                                                                ٧
                                                                          1 Top coded
    Detailed class of worker
U A-CLSWKR=1-7
                                                                D A-FERNTP
                                                                            4
                                                                                  243
          -1 .Not in universe
                                                                     Family earnings top code
٧
          00 .Old Not in universe
                                                                          -1 Not in primary family or
     Agriculture wage and salary
                                                                             .not in universe
٧
         01 .Private
                                                                  0000-9999 .Family earnings value
٧
         02 .Government
         03 .Self-employed
```

04 .Unpeid family

CURRENT POPULATION SURVEY - ADULT INTERVIEW

```
DATA
               SIZE BEGIN
                                                                 DATA
                                                                            SIZE BEGIN
    D A-FERNTF 1 247
                                                                             5 .All children 14-17 years old
        Family earnings top code flag
                                                                  ٧
            -1 Not in universe
                                                                             6 .Children 0-2 and 3-5
                                                                  ٧
    ٧
                                                                               .(none 6-17)
             0 .Not top codes
                                                                  ٧
   ٧
                                                                            7 .Children 0-2 and 6-13
              1 .Top Coded
                                                                               •(none 3-5 or 14-17)
                                                                  ٧
   8 .Children 0-2 and 14-17
        Adult Weights
                                                                              .(none 3-13)
   9 .Children 3-5 and 6-13
                                                                  ٧
                                                                           .(none 0-2 or 14-17)
10 .Children 3-5 and 14-17
                                                                  ٧
   D A-FNLWGT 8 248
                                                                 ٧
        Adults final weight (2 implied
                                                                              .(none 0-2 or 6-13)
                                                                           11 Children 6-13 and 14-17
        decimal places)
                                                                 ٧
                                                                              (none 0-5)
                                                                 ٧
                                                                           12 .Children 0-2, 3-5 and 6-13
   D A-ECRNLWT 8 256
                                                                             (none 14-17)
                                   2
                                                                 ٧
                                                                           13 .Children 0-2, 3-5 and 14-17
       Earnings/not in labor force weight
                                                                 ٧
                                                                           .(none 6-13)
14 .Children 0-2, 6-13 and 14-17
        (2 implied decimal places)
  U H-MIS=4 or 8
                                                                 ٧
                                                                              (none 3-5)
  D A-VETWGT 8 264
                                                                           15 .Children 3-5, 6-13 and 14-17
                                                                              .(none 0-2)
       Veteran's weight
       (2 implied decimal places)
                                                                           16 .Children from all age groups
       family recodes
                                                                D A-PFREL
  UALL
                                                                              1
                                                                                  279
                                                                     Primary family relationship
  D A-FAMNUM 2 272
                                                                ٧
                                                                           0 Not in primary family
                                                                UALL
       Family number
                                                                           1 .Husband
                                                                ٧
  ٧
           00 .Not a family member
                                                                           2 .Wife
                                                                ٧
           01 .Primary family member only
                                                                           3 .Own child
                                                                           4 .Other relative
                                                                ٧
         02-19 .Subfamily member
                                                                           5 .Unmarried reference person
  D A-FAMTYP 1
                    274
                                                                D A-PFSIZE 2 280
      Family type
                                                                    Size of primary family
                                                                UALL
 ٧

    Primary family
    Primary individual

                                                                ٧
                                                                          00 .Not in primary family
                                                                       02-39 Number individuals
            3 Related subfamily
 ٧
            4 Unrelated subfamily
                                                                            -(A-FAMTYP = 1 \text{ or } 3)
 ν
            5 .Secondary Individual
                                                                D A-PFHHAG 1 282
                                                                    Age of primary family householder
 D A-FAMREL 1 275
      Family relationship
                                                                          0 .Not a family member
                                                                          1 .< 25 years old
            0 .Not a family member
                                                                          2 .25-44 years old
                                                               ν
            1 .Reference person
                                                                          3 .45-54 years old
4 .55-64 years old
           2 .Spouse
           3 .Child
                                                               ٧
                                                                          5 .65+ years old
           4 .Other relative (primary family
             .and unrelated subfamily only)
                                                               D A-LFESM
                                                                            1
                                                                                 283
                                                                    Labor force and earner status (male)
 D A-PFNOCD
              1
                   276
                                                                    of husband of primary family or male
     Number of own children < 18 in primary
                                                                    householder
     family
U All
                                                                          0 .Not in primary family/no male
           0 .Not in primary family
                                                               ν
                                                                          1 Employed earner
٧
           1 -No children
                                                                          2 Self-employed
           2 .1 child
                                                               V
                                                                         3 Without pay
           3 .2 children
                                                               ٧
                                                                         4 Unemployed
          4 -3 children
                                                               ٧
                                                                         5 Not in labor force
          5 .4 children
                                                                         6 .Armed Forces
          6 .5 children
7 .6 children
                                                              D A-LFESF
                                                                                 284
ν
          8 .7 children
                                                                   Labor force and earner status (female)
          9 .8+ children
                                                                   of wife of primary family or female
                                                                   householder
D A-PFPRCD
                 277
     Presence of own children < 18 in
                                                                         0 .Not in primary family/no female
     primary family.
                                                              ٧
                                                                         1 .Employed earner
                                                                         2 .Self-employed
          0 .Not in primary family
                                                                         3 .Without pay
٧
          1 No children < 18 years old
                                                                         4 .Unemployed
          2 .All children 0-2 years old
3 .All children 3-5 years old
                                                                        5 .Not in labor force
٧
                                                                         6 .Armed Forces
          4 All children 6-13 years old
```

```
DATA
              SIZE BEGIN
                                                                 DATA
                                                                             SIZE BEGIN
  D A-PFUS
                     285
                                                                  D A%LINENO
                                                                              1 310
       Primary family earners wage and salary
                                                                       Line number allocation flag
       status (16+)
                                                                             0 .No change
  U All
                                                                             2 .Blank to value
  ٧
            -1 .Not in primary family 0 .Not in primary family
                                                                             3 .Value to value
  ٧
  ٧
             1 No one employed
                                                                  D AYRRP
                                                                                   311
  ٧
             2 . Some employed - no wage and
                                                                       Relationship to reference person
  ٧
               .salary workers
                                                                       allocation flag
  ٧
             3 .With wage and salary workers,
                                                                            0 .No change
  ν
               .husband/wife or reference v
                                                                  ٧
                                                                             2 .Blank to value
               .person self-employed
                                                                  ٧
                                                                             3 .Value to value
             4 . With wage and salary workers,
  ٧
                                                                            5 .Value to value - no error
                                                                 ٧
  ٧
               .husband/wife or reference person
  ν
               -not self-employed other
                                                                 D A%PARENT
                                                                                    312
       Household member self-employed
                                                                      Parent's line number allocation flag
             5 . With wage and salary workers
                                                                            0 .No change
               -only
                                                                            2 .Blank to value
                                                                 ٧
                                                                            3 .Value to value
  D A-PFFTPT
                     286
                                                                            5 .Value to value - no error
       Usual full-time/part-time status of
      primary family earners (16+)
                                                                 D AXAGE
 U H-MIS=4 or 8
                                                                      Age allocation flag
           -1 .Not in universe (MIS 1,2,3,5,6,7)
                                                                            0 .No change
 ٧
            O .Not in primary family
                                                                 v
                                                                            2 Blank to value
            1 .No earners
                                                                            4 .Allocated
 ν
            2 .All earners full-time
 ٧
            3 .Some full-time, some part-time
                                                                 D A%MARITL
                                                                             1 314
 ٧
            4 .All earners part-time
                                                                      Marital status allocation flag
            5 .Not in universe
                                                                 v
                                                                           0 .No change
                                                                 ٧
                                                                            2 .Blank to value
 D A-PFEARN
               4
                                                                 v
      Total weekly family earnings (for
                                                                            3 .Value to value
                                                                 ٧
                                                                            4 .Allocated
      members 16+)
                                                                           5 .Value to value - no error
 U H-MIS=4 or 8
 ٧
       -1 .Not in primary family or not
                                                                D A%SPOUSE
              .in universe
                                                                     Spouse's line number allocation flag
 V 0000-9999 Usual weekly family earnings
                                                                          0 .No change
                                                                           2 .Blank to value
 D A-PFNOER
             1
                  291
                                                                ν
                                                                           3 . Value to value
     Number of earners in primary family 16+
                                                                ٧
                                                                           5 .Value to value - no error
           -1 .Not in universe (not in
                                                                D A%SEX
                                                                                   316
 ٧
             .primary family)
                                                                     Sex allocation flag
 ν
           O .No earners
                                                                           0 .No change
          1-8 .1-8 earners
                                                                ٧
                                                                           2 .Blank to value
٧
           9 .9+ earners
                                                                ٧
                                                                           3 . Value to value
                                                                ٧
                                                                           4 .Allocated
D A-PENOEM
             1
                  292
     Number of employed in primary
                                                                D AXVET
      family 16+
                                                                     Veteran status allocation flag
           -1 .Not in universe
                                                                          0 .No change
٧
           0 .No one employed
                                                                ν
                                                                           2 .Blank to value
٧
         1-8 .1-8 employed
                                                                ٧
                                                                           3 .Value to value
           9 9+ employed
ν
                                                                ٧
                                                                           4 .Allocated
D A-PFNOUN
                 293
                                                                D A%HGA
                                                                                  318
     Number of unemployed in primary
                                                                     Highest grade attended allocation flag
     family 16+
                                                                          D .No change
                                                                          4 .Allocated
          -1 .Not in universe (not in
             .primary family)
           0 .No unemployed
                                                                    Highest grade completed allocation flag
         1-8 .1-8 unemployed
                                                                          0 No change
           9 .9+ unemployed
                                                                          2 .Blank to value
D A-FAMWGT
             8
                   294
                                                               D A%RACE
                                                                             1
     Family weight - two implied decimal
                                                                    Race allocation flag
     places
                                                                          0 .No change
UALL
                                                                          2 .Blank to value
                                                                          4 .Allocated
D A-FMEWGT 8
                 302
     Family earnings weight (2 implied
    decimal places) allocation flags
```

U H-MIS=4 or 8

CURRENT POPULATION SURVEY - ADULT INTERVIEW

SURVEY - ADULT INTERVIEW	
DATA SIZE BEGIN	
	DATA SIZE BEGIN
D AXORIGIN 1 321	B. 466 W.
Origin allocation flag	D AXWHYABS 1 332
V 0 No change	V 0 No change
- sociality for ABITIE	· -value to blank
a statue to value - DO ELLUL	- prank to Asine
8 .Blank to N/A code	V 3. Value to value V 4. Allocated
D A%LFSR 1 322	. 4 -Attocated
Labor force status recode allocation	D A%PAYABS 1 333
flag	V 0 No change
V 0 .No change	V 1 .Value to blank
V 4 .Allocated	V 2.Blank to value
	V 3.Value to value
D A%MAJACT 1 323	V 4 .Allocated
V 0 .No change	D ANTTARA
V 1 - Value to blank	D A%FTABS 1 334
V 2 .Blank to value	• • • • • • • • • • • • • • • • • • •
V 3.Value to value	i .value to blank
V 4 .Allocated	e brank to Astre
D A%ANYWK 1 324	V 3.Value to value V 4.Allocated
V 0.No change	v introcated
V 1 .Value to blank	D A%LKWK 1 335
V 2 Blank to value	V 0 No change
V 3. Value to value	V 1 .Value to blank
V 4 Allocated	V 2.Blank to value
	V 3.Value to value
D A%HRS 1 325	V 4 .Allocated
V 0 .No change	D AXMTHD 1 334
V 1 .Value to blank	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
c intalk to Agine	o .no change
3 : Idiae to value	V 1 .Value to blank V 2 .Blank to value
V 4 -Allocated	V 3 .Value to value
D A%HRSCHK 1 326	V 4 Allocated
V 0.No change	
V 1 .Value to blank	D AXWHYLK 1 337
V 2 Blank to value	V O .No change
V 3.Value to value	V 1 .Value to blank
V 4 .Allocated	V 2.Blank to value
	V 3 .Value to value
D A%USLFT 1 327	V 4 .Allocated
V 0 .No change V 1 Value to blook	D AXHKSLK 1 338
i statue to blank	V 0.No change
V 2 .Blank to value V 3 .Value to value	V 1 .Value to blank
V 4 -Allocated	V 2 .Blank to value
4 Introcated	V 3 .Value to value
D A%FTREAS 1 328	V 4 .Allocated
V 0 .No change	
V 1 .Value to blank	D A%LKFTPT 1 339
V 2 .Blank to value	V 0.No change
V 3. Value to value	i notice to brank
V 4 .Allocated	V 2 .Blank to value V 3 .Value to value
D A%LOSTIM 1 329	V 4 .Allocated
V 0.No change	
V 1.Value to blank	D A%AVAIL 1 340
V 2 .Blank to value	V 0 No change
V 3.Value to value	V 1 .Value to blank
V 4 -Allocated	V 2.Blank to value
	V 3 Value to value
D A%OVRTIM 1 330	V 4 .Allocated
V 0 -No change	D AZUHYNA 1 341
V 1 -Value to blank	V 0.No change
- reguly to Agine	V 1 .Value to blank
o avoide to value	V 2 Blank to value
V 4 -Allocated	V 3 .Value to value
D A%JOBABS 1 331	V 4 Allocated
V 0 No change	
V 1 .Value to blank	D AXWHENLJ 1 342
V 2 Blank to value	V 0 No change
V 3 .Value to value	V 1 .Value to blank
V 4 -Allocated	V 2 Blank to value
	V 3 -Value to value
	V 4 Allocated

```
DATA
               SIZE BEGIN
                                                                   DATA
                                                                               SIZE BEGIN
                                                                    D A%HRLYWK 1 352
V -1 .Not in universe
  D A%IND
                1
                      343
              0 .No change
                                                                                0 .No change
  ٧
              1 Value to blank
                                                                                1 .Value to blank
  ٧
              2 .Blank to value
                                                                                2 .Blank to value
              3 .Value to value
                                                                    ٧
                                                                               3 .Value to value
  ٧
              4 .Allocated
                                                                               4 -Allocated
  D A%OCC
             0 .No change
                                                                    D A%HRSPAY
                                                                             AY 1 353
-1.Not in universe
  ٧
  ٧
             1 .Value to blank
                                                                    ν
                                                                              0 No change
  ٧
             2 .Blank to value
                                                                               1 .Value to blank
             3 .Value to value
                                                                               2 .Blank to value
  ٧
             4 .Allocated
                                                                               3 .Value to value
  D A%CLSWKR
                                                                               4 Allocated
             1 345
0 .No change
                                                                   D A%GRSWK
  ٧
                                                                                       354
             1 .Value to blank
                                                                            مرد ا عرب ۱ عرب ۱ عرب ۱ عرب ۱ ع
             2 .Blank to value
3 .Value to value
  ٧
                                                                              0 .No change
 ٧
 ٧
                                                                               1 Value to blank
             4 -Allocated
                                                                               2 .Blank to value
                                                                   ٧
                                                                              3 .Value to value
 D A%NLFLJ
               1
            0 .No change
                                                                   ٧
                                                                              4 .Allocated
 ٧
            1 .Value to blank
                                                                             1 355
-1 .Not in universe
                                                                   D AXUNMEM
 V
             2 .Blank to value
            3 .Value to value
                                                                              0 .No change
            4 .Allocated
                                                                              1 .Value to blank
 D A%WHYLFT 1
                                                                              2 .Blank to value
                    347
                                                                   ٧
                                                                              3 .Value to value
 ν
            0 No change
                                                                              4 .Allocated
                                                                   ٧
 ٧
            1 .Value to blank
 ٧
            2 .Blank to value
                                                                            / 1 356
-1 .Not in universe
                                                                   D AXUNCOV
            3 .Value to value
            4 .Allocated
                                                                             0 .No change
                                                                              1 .Value to blank
 D A%WANTJB
                                                                              2 .Blank to value
           0 .No change
 v
                                                                              3 .Value to value
٧
            1 .Value to blank
                                                                              4 -Allocated
            2 .Blank to value
ν
            3 .Value to value
                                                                  D A%ENRCHK
                                                                           HK 1 357
0.No change
٧
            4 .Allocated
                                                                             1 .Value to blank
2 .Blank to value
D A%WHYNL
                    349
           0 No change
                                                                             3 .Value to value
4 .Allocated
            1 .Value to blank
                                                                  ٧
           2 .Blank to value
ν
           3 .Value to value
                                                                  D AXENRLW
           4 .Allocated
                                                                             0 .No change
                                                                             1 .Value to blank
D A%INTEND
                   350
                                                                             2 .Blank to value
          0 No change
                                                                             3 .Value to value
           1 .Value to blank
                                                                             4 .Allocated
           2 .Blank to value
           3 .Value to value
                                                                 D A%HSCOL
           4 .Allocated
                                                                             0 No change
                                                                             1 .Value to blank
D A%USLHRS
                                                                             2 .Blank to value
        0 .No change
1 .Value to blank
                                                                             3 .Value to value
                                                                             4 .Allocated
           2 .Blank to value
          3 .Value to value
4 .Allocated
                                                                 D A%FTPT
                                                                                     360
                                                                             0 .No change
                                                                             1 .Value to blank
                                                                            2 .Blank to value
                                                                            3 .Value to value
                                                                 ٧
                                                                            4 .Allocated
```

Current Population Survey Children Interview Data Dictionary

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

CURRENT POPULATION SURVEY - CHILDREN INTERVIEW

```
DATA
               SIZE BEGIN
                                                                     DATA
                                                                                 SIZE BEGIN
             14 .Converted to perm. business or
                                                                      D H-TENURE 1
                                                                                           25
             .storage
15 .Merged
                                                                           Tenure
  ٧
                                                                      UALL
             16 Condemned
                                                                      v
                                                                                 -1 .Not in universe
  ٧
             17 .Built after April 1, 1980
  ٧
                                                                                 1 .Owned or being bought
             18 .Unused line of listing sheet
                                                                      ν
                                                                                  2 .Rent
  ٧
             19 .Other
                                                                      V
                                                                                 3 .No cash rent
  D H-SEASON
       SEASON 1 18
Item 16 - Seasonal status
                                                                      D H-FAMING
                                                                                    2
                                                                           Family income
  U H-TYPEBC=1-3
                                                                           Note: If a nonfamily household
  ٧
             -1 .Not in universe
                                                                           (H-FAMIND=0), income includes only
  ٧
             1 .Year round
                                                                          that of householder.
              2 .By migratory workers
                                                                     UALL
  ٧
             3 .Seasonally
                                                                      ٧
                                                                                -1 .Not in universe
                                                                      ٧
                                                                                0 .Less than $5,000
  D H-OCCINI 1 19
Item 17 - This unit is intended for
                                                                                 1 .$5,000 to $7,499
2 .$7,500 to $9,999
                                                                     ν
                                                                     ٧
       occupancy
                                                                                 3 $10,000 to $12,499
                                                                     ٧
  U H-SEASON=2 or 3 and H-LIVGRT=1-7
                                                                                4 .$12,500 to $14,999
5 .$15,000 to $19,999
6 .$20,000 to $24,999
                                                                     ٧
          -1 .Not in universe
                                                                     ٧
            1 .Summers only
                                                                     ٧
            2 .Winters only
                                                                     ٧
                                                                                7 $25,000 to $29,999
  ν
             3 .Other
                                                                     ٧
                                                                                8 .$30,000 to $34,999
9 .$35,000 to $39,999
 D H-INTRV1
              2
                                                                     ٧
                                                                                10 $40,000 to $49,999
       Interviewer code
                                                                               11 .$50,000 to $59,000
12 .$60,000 to $74,999
                                                                     ν
       Blank or impossible in any digit
       interviewer code A00-M99 excluding IXX
                                                                     ν
                                                                               13 .$75,000 and Over
 ٧
            -1 .Blank
                                                                               19 Not answered
            A. 00
 ν
            01 .B
                                                                     D H-TELHHD
                                                                                 1
 ٧
            02 .C
                                                                          Telephone in household
 ٧
           Q. E0
                                                                     U All (March, July, Nov. only)
 ٧
           04 .E
                                                                              -1 .Not in universe (noninterview)
 ٧
           05 .F
                                                                     ٧
                                                                               1 .Yes
 ٧
           06 .G
                                                                     ٧
                                                                                2 .No
           07 .H
 ٧
 ٧
           L. 80
                                                                    D H-TELAVL 1
 ٧
           09 .K
                                                                         Telephone available
 ٧
           10 .L
                                                                    U H-TELHHD=2 (March, July, Nov. only)
 V
           11 M
                                                                           -1 .Not in universe
                                                                    ٧
 ٧
           12 .N
                                                                    ٧
                                                                               1 .Yes
٧
           13 .P
                                                                                2 .No
٧
           14 .Q
٧
           15 .R
                                                                    D H-TELINT
                                                                                 1
           16 .s
17 .T
٧
                                                                         Telephone interview acceptable
٧
                                                                    U H-TELHHD=1 or H-TELAVL=1 (March, July,
٧
           18 .U
                                                                      Nov. only)
٧
           19 .V
                                                                              -1 .Not in universe
٧
           20 .W
                                                                    ٧
                                                                               1 .Yes
٧
           21 .X
                                                                               2 .No
٧
           22 .Y
٧
                                                                    D H-PRSCNT 1 31
Item 30 - Number of contacts - actual
D H-INTRV2
             1
                                                                         and attempted -- personal
     Interviewer Code - digit 2
                                                                    U March, July, Nov. only
          -1 .Blank
                                                                             -1 Blank
         0-9 .Interviewer code digit 2
                                                                    v
                                                                             1-6 .# of personal contacts
                                                                                 (6 = 6+)
D H-INTRV3 1
     Interviewer Code - digit 3
                                                                   D H-TELCHT
                                                                                        32
          -1 .Blank
                                                                        Item 30 - Number of contacts - actual and attempted -- telephone
         0-9 .Interviewer code digit 3
                                                                   U March, July, Nov. only
D H-STATUS
             1
                   24
                                                                             -1 Blank
     Item 278 - HHLD status change -
                                                                             1-9 .# of telephone contacts
     replacement household
                                                                                 .(9 = 9+)
٧
          -1 .Blank
                                                                       -TIMINT 1 33
Item 31 - Time of interview
                                                                   THIMIT-H D
٧
          1 .Yes
           2 .No
                                                                   U March, July, Nov. only
                                                                             -1 .Blank
                                                                              1 .Midnight to 6 A.M.
                                                                              2 .6 to 9 A.M.
                                                                              3 .9 A.m. to noon
```

```
DATA
              SIZE BEGIN
                                                                DATA
                                                                           SIZE BEGIN
             4 Noon to 3 P.M.
                                                                 D H-MSTIND 5
             5 .3 to 6 P.M.
                                                                      Master segment tape index
             6 .6 to 9 P.M.
                                                                      Unique segment identifer
             7 -9 P.M. to midnight
                                                                 D K-HHWGT
                                                                              9
   ************
                                                                                   49
                                                                      Household weight (2 implied
        Household recodes
                                                                      decimal places)
   ************
                                                                      Final household weight equivalent to
                                                                      the weight of the wife in husband-wife
  D H-HHTYPE 1 34
                                                                     households and the reference person
       Type of household
                                                                     in all other households
  ٧
             1 .Interview
  ٧
             2 .Type A non-interview
                                                                 * Allocation flags
  ٧
             3 .Type B/C non-interview
  D H-MIS
              1
                                                                D H%TENURE
       Month in sample
                                                                           0 .No change
                                                                ٧
                                                                           1 .Value to blank
           1-8 .Month in sample
                                                                           4 .Allocated
  D H-NUMPER 2 36
                                                                D H%FAMING
      Number of persons in household
                                                                           0 No change
                                                                          2 .Blank to value
  ν
           00 .Noninterview household
                                                                ٧
                                                                          6 .Refusal to value, allocated,
         1-39 .Number of persons in HHLD
                                                                             .no error
 D H-TYPE
              1
                                                                D H%ARACE
                                                                          1 60
0 .No change
     Household type
                                                                          1 .Value to blank
            0 .Non-interview household
                                                               ٧
 ٧
                                                                          4 .Allocated

    Husband/wife primary family

 ٧
              .(neither husband or wife in
                                                               D H%CPSCHK
 ٧
              .Armed Forces)
                                                                          0 .No change
            2 .Husband/wife primary family
 ٧
                                                               v
                                                                          2 .Blank to value
              .(husband and/or wife in armed
 ٧
              .forces)
                                                                          1 62
0 .No change
                                                               D H%DAYCMP
 ٧
            Unmarried civilian male
              .primary family householder
                                                                          2 .Blank to value
            4 .Unmarried civilian female
 ٧
           primary family householder
5 Primary family household -
reference person in
 ٧
                                                               D H%HHNUM
                                                                            1
 ٧
                                                                          0 .No change
 ٧
                                                                          2 .Blank to value
 ٧
              .Armed Forces and unmarried
                                                                          8 .Blank to NA - error
           6 .Civilian male primary
 ٧
             .individual
                                                               D H%INTRV
 ٧
           7 .Civilian female primary
                                                                          0 .No change
٧
             .individual
                                                                          2 .Blank to value
           8 .Primary individual household -
             .reference person in Armed Forces
                                                               D H%LIVORT
           9 Group quarters
                                                                         0 .No change
                                                                         4 -Allocated
D H-TYPERP
             1
                    39
                                                                         7 .Blank to NA - no error
     Type of reference person
U H-HHTYPE=1
                                                              D H%OCCINT
                                                                                 66
           0 .Not in universe
                                                                         0 .No change
           1 .Civilian
                                                              ٧
                                                                         1 .Value to blank
           2 .Armed Forces
                                                              ٧
                                                                         4 .Allocated
           Group quarters
                                                              D H%RESPNM
D H-NUMFAM 2 40
                                                                         0 No change
    Number of families in HHLD
                                                                         2 .Blank to value
U H-HHTYPE=1
         00 .Not in universe
                                                              D H%SEASON
       00-39 .Number of families
                                                                        0 .No change
                                                                         1 Value to blank
D H-HHDSEQ
                                                                         4 .Allocated
     Householder sequence number
     (reference person)
                                                              D H%STATUS
     (Will be first adult record for
                                                                         0 .No change
    group quarters)
                                                                         1 .Value to blank
U H-HHTYPE=1
                                                              v
                                                                         2 .Blank to value
       00 .Not in universe
                                                                         3 .Value to value
      01-39 .Sequence number
                                                                         8 Blank to NA - error
```

٧

٧

٧

CURRENT POPULATION SURVEY - CHILDREN INTERVIEW

```
DATA
               SIZE BEGIN
                                                                  DATA
                                                                              SIZE BEGIN
   D H%AREASN
                 1
                       70
                                                                   ٧
              0 .No change
                                                                             45 .South Dakota
                                                                   ٧
                                                                             46 .Nebraska
47 .Kansas
              1 .Value to blank
                                                                   ٧
                                                                        South Region (Region 3)
  D H%TYPEBC
                                                                        South Atlantic Division (Div. 5)
              0 .No change
                                                                             51 .Delaware
              1 .Value to blank
                                                                             52 .Maryland
                                                                             53 .District of Columbia
  D H%TELHHD
                                                                             54 .Virginia
             0 .No change
                                                                             55 .West Virginia
             1 .Value to blank
                                                                             56 .North Carolina
  ν
             4 Allocated
                                                                   ٧
                                                                             57 .South Carolina
                                                                  ٧
                                                                             58 .Georgia
  D H%TELAVL
             1 73
0 .No change
                                                                  ٧
                                                                             59 .Florida
                                                                       East South Central Division (Div. 6)
             1 .Value to blank
                                                                  ٧
  ٧
                                                                            61 .Kentucky
             4 .Allocated
                                                                  ٧
                                                                            62 .Tennessee
                                                                  ٧
                                                                            63 .Alabama
  D H%TELINT
                                                                  ٧
                                                                            64 .Mississippi
             0 No change
                                                                       West South Central Division (Div. 7)
  ٧
             1 .Value to blank
                                                                            71 .Arkansas
  ٧
             4 .Allocated
                                                                            72 Louisiana
                                                                            73 .Oklahoma
  D H%PRSCNT
              1
                                                                            74 .Texas
             0 .No change
                                                                       West Region (Region 4)
             2 .Blank to value
                                                                       Mountain Division (Div. 8)
                                                                  ٧
                                                                            81 .Montana
 D HXTIMINT
               1
                     76
            0 No change
                                                                            82 .Idaho
                                                                            83 . Wyoming
            2 .Blank to value
                                                                            84 Colorado
                                                                            85 .New Mexico
 D H%TELCNT
              1
                                                                           86 .Arizona
87 .Utah
            0 .No change
            7 .Blank to NA - no error
                                                                 ٧
                                                                            88 .Nevada
                                                                      Pacific Division (Div. 9)
 *************
                                                                           91 .Washington
      Master Segment Tape (M.S.T.) items *
                                                                 ٧
                                                                            92 .Oregon
      for M.S.T. variables whose ranges are *
                                                                 ٧
                                                                           93 .California
      not defined here, see geographic
                                                                 ٧
                                                                            94 .Alaska
      appendix to this DDL.
                                                                           95 .Нанаіі
        **********
                                                                 D HG-STRN
                                                                              2
 D HG-REG
              1
                     78
                                                                      1980 State rank
      Region
                                                                      (See Geographic Appendix)
            1 .Northeast
            2 .Midwest
                                                                 D HG-FIPS
                                                                             2
 ٧
            3 .South
                                                                      FIPS State code
ν
            4 .West
                                                                      (See Geographic Appendix)
D HG-ST60
              2
                    79
                                                                 D HG-MSAS
                                                                              1
      1960 Census state code (first
                                                                      MSA status
      digit = geog. division code)
                                                                            1 .In MSA, in CC
      Northeast Region (Region 1)
     New England Division (Div. 1)
                                                                            2 .In MSA, not in CC
                                                                 ٧
                                                                            3 .Not in MSA
          11 .Maine
12 .New Hampshire
                                                                 ٧
                                                                            4 .Not identified
          13 Vermont
                                                                D HG-MSAC
          14 .Massachusetts
                                                                      MSA or PMSA FIPS code
٧
          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
٧
          22 .New Jersey
                                                                D HG-PMSA
                                                                                     90
          23 .Pennsylvania
                                                                     PMSA rank
     Midwest Region (Region 2)
                                                                       00 .Not a PMSA, not identified
01-12 .Ranking of PMSA within its CMSA
     East North Central Division (Div. 3)
          31 .Ohio
                                                                     (See Geographic Appendix)
٧
          32 .Indiana
٧
          33 .Illinois
                                                                D HG-MSAR
                                                                              3
          34 .Michigan
                                                                     MSA or CMSA rank
          35 .Wisconsin
                                                                     000 .Not an MSA, not identified
001-252 .Ranking of MSAs or CMSAs by
     West North Central Division (Div. 4)
          41 .Minnesota
٧
                                                                             .population
          42 .Towa
                                                                     (See Geographic Appendix)
٧
          43 .Missouri
         44 .North Dakota
```

```
DATA
             SIZE BEGIN
                                                            DATA
                                                                      SIZE BEGIN
  D HG-MSSZ
              2
                    95
      MSA size
                                                             D PADDING
                                                                       4
      First character -- padding
Second character -- pop. size MSA/CMSA
                                                                             126
                                                             D C-RACE
                                                                            130
            1 .Not identified, not an MSA
                                                                Item 18J - Race
           2 .100,000 - 249,999
3 .250,000 - 499,999
                                                                       1.White
            4 .500,000 - 999,999
           5 .1 million - 2,499,999
6 .2.5 million - 4,999,999
                                                                       2 .Black
                                                             ٧
                                                                      3 .Amer. Indian, Aleut Eskimo
                                                                       4 .Asian or Pacific Islander
           7.5 million - 9,999,999
                                                                      5 .Other
            8 .10 million or more
                                                            D PADDING 63 131
  D HG-CMSA
        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
 ٧
           2 .Nonmetropolitan
 ۷
           3 .Not identified

    Mexican American

                                                                  2 .Chicano
 D H-INDVCC 1 100
                                                                  3 .Mexican (Mexicano)
      Individual central city identifier
                                                                  4 .Puerto Rican
5 .Cuban
      (See Geographic Appendix)
                                                                  6 .Central or South American
 D H-RECTYP
            1 101
                                                                  7 .Other Spanish
          1 .Interviewed adult
                                                                  8 All other
 ٧
           2 . Type A noninterview
                                                                  9 .Don't know
 ٧
           3 .Type B/C noninterview
                                                                 10 .NA
 ٧
           4 .Armed Forces record
 ٧
           5 .Childrens record
                                                           D C-EXPRRP 2 196
                                                                Expanded relationship code
 D H-10
            12
                  102
     Unique household identifer
                                                                      5 .Natural/adopted child
                                                                     6 .Step child
 ***********
                                                                     7 .Grandchild
9 .Brother/sister
 * Edited Children's Control Card Items
 *************
                                                                    10 .Other relative
                                                                    11 .Foster child
 D C-LINENO 2 114
                                                                    12 .Nonrelative with relatives
    Item 18A - Line number
                                                                    14 .Nonrelative without relatives
 U ALL
    01-39 .line number
                                                           D PADDING
                                                                      50
                                                                             198
            2 116
                                                           **************
    Item 18B - Relationship to
                                                                Child weights
    reference person
                                                           **********
ν
      5 .Own child
                                                           D C-FNLWGT 8 248
       7 .Brother/sister
٧
                                                               Childs final weight
       8 .Other relative of ref. person
                                                                (2 implied decimal places)
      9 .Non-rel. of reference person with
        -own relatives in HHLD
      10 .Non-rel. of reference person-no
                                                           D PADDING 16 256
        .own relatives in HHLD
                                                           **************
D C-PARENT 2 118
                                                                Family recodes
   Item 180 - Parent's line number
UALL
         00 .None
                                                          D C-FAMNUM 2 272
    01-39 .Parent's line number
                                                               Family number
                                                          UALL
D C-AGE 2 120
                                                          v
                                                                   00 .Not a family member
   Item 18D - Age
                                                                   01 Primary family member only
U All
                                                                 02-19 .Subfamily member
   00-14 .Child age
                                                          D C-FAMTYP 1
                                                                            274
D PADDING 3 122
                                                               Family type
        1
D C-SEX
                125
                                                                1 .Primary family
2 .Primary individual
    Item 18G - Sex
U All
                                                          ٧
                                                                3 Related subfamily
      1 .Male
                                                                4 .Unrelated subfamily5 .Secondary individual
v
      2 .Female
```

CURRENT POPULATION SURVEY - CHILDREN INTERVIEW

```
DATA
               SIZE BEGIN
                                                                  DATA
                                                                               SIZE BEGIN
                                                                   D C-PFHHAG
                                                                                 1
                                                                                       282
  D C-FAMREL
                     275
                                                                        Age of primary family householder
       Family relationship
                                                                               0 .Not a family member
             O .Not a family member
                                                                   ν
                                                                               1 .< 25 years old
  ٧
             1 Reference person
                                                                   ٧
                                                                               2 .25-44 years old
  ν
             2 .Spouse
                                                                              3 .45-54 years old
4 .55-64 years old
                                                                   ν
             3 .Child
             4 .Other relative (primary
                                                                              5 .65+ years old
                                                                   ν
               .family and unrelated
               .subfamily only)
  ν
                                                                   D C-LFESM
                                                                                      283
                                                                        Labor force and earner status (male)
 D C-PFNOCD
                     276
                                                                        of husband of primary family or
       Number of own children < 18 in
                                                                        male householder
       primary family
                                                                   UALL
                                                                   v
                                                                              O .Not in primary family/no male
  ٧
             0 .Not in primary family
                                                                   ٧
                                                                              1 Employed earner
  ۷
             1 .No children
                                                                   ٧
                                                                              Self-employed
 ٧
             2 .1 child
                                                                   ٧
                                                                              3 Without pay
            3 .2 children
                                                                   ٧
                                                                              4 Unemployed
 ٧
             4 .3 children
                                                                              5 Not in labor force
 ٧
            5 .4 children
                                                                              6 .Armed Forces
 ٧
            6 .5 children
 ٧
            7 .6 children
                                                                  D C-LFESF
                                                                                      284
            8 .7 children
                                                                        Labor force and earner status (female)
 V
            9 .8+ children
                                                                        of wife of primary family or female
                                                                        householder
 D C-PEPROD
                                                                  UALL
      Presence of own children < 18 in
                                                                              O .Not in primary family/no
      primary family.
                                                                               .female
 UALL

    Employed earner

            Not in primary family
                                                                             Self-employed
 ٧
            1 .No children < 18 years old
                                                                             3 Without pay
 ٧
            2 .All children 0-2 years old
                                                                             4 Unemployed
            3 .All children 3-5 years old
4 .All children 6-13 years old
 ٧
                                                                             5 Not in labor force
 ٧
                                                                              6 .Armed Forces
 ٧
            5 .All children 14-17 years old
 ٧
            6 .Children 0-2 and 3-5
                                                                  D C-PFWS
                                                                                     285
 ٧
              .(none 6-17)
                                                                       Primary family earners wage and
 ٧
            7 .Children 0-2 and 6-13
                                                                       salary status (16+)
 ٧
              .(none 3-5 or 14-17)
                                                                  UALL
 ٧
            8 .Children 0-2 and 14-17
                                                                             0 .Not in primary family
 ν
              .(none 3-13)
                                                                  ٧
                                                                             1 .No one employed
 ٧
            9 .Children 3-5 and 6-13
                                                                 ٧
                                                                             2 Some employed - no wage
              .(none 0-2 or 14-17)
                                                                                .and salary workers
           10 .Children 3-5 and 14-17
٧
                                                                 ٧
                                                                             3 .With wage and salary workers,
٧
              .(none 0-2 or 6-13)
                                                                 ٧
                                                                               .husband/wife or reference
V
           11 .Children 6-13 and 14-17
                                                                 ٧
                                                                               .person self-employed
              .(none 0-5)
                                                                             4 .With wage and salary workers,
٧
           12 .Children 0-2, 3-5 and 6-13
                                                                               .husband/wife or reference
ν
              .(none 14-17)
                                                                               .person not self-employed other
          13 .Children 0-2, 3-5 and 14-17
٧
                                                                               .household member self-employed
٧
              .(none 6-13)
                                                                             5 .With wage and salary workers
٧
          14 .Children 0-2, 6-13 and 14-17
                                                                               .only
٧
              (none 3-5)
ν
          15 .Children 3-5, 6-13 and 14-17
                                                                 D C-PFFTPT
٧
              .(none 0-2)
                                                                      Usual full-time/part-time status of
          16 .Children from all age groups
                                                                      primary family earners (16+)
                                                                 U H-MIS=4 or 8
D C-PFREL
                   279
                                                                            -1 .Not in universe
     Primary family relationship
                                                                               -(MIS 1,2,3,5,6,7)
                                                                            O .Not in primary family
٧
           0 .Not in primary family
                                                                            1 .No earners
٧
           1 Husband
                                                                            2 .All earners full time
           2 .Wife
                                                                            3 .Some full time, some part time
٧
           3 .Own child
                                                                            4 .All earners part time
٧
           4 .Other relative
                                                                            5 .Not in universe
٧
           5 .Unmarried reference person
                                                                 D C-PFEARN
                                                                                    287
D C-PFSIZE
             2
                   280
                                                                      Total weekly family earnings
     Size of primary family
                                                                      (for members 16+)
                                                                 U H-MIS=4 or 8
V
          00 .Not in primary family
                                                                 ٧
                                                                         -1 .Not in primary family
٧
      02-39 .Number individuals
                                                                             .or not in universe
             .(A-FAMTYP = 1 or 3)
                                                                 V 0000-9999 .Usual weekly family earnings
```

```
DATA
             SIZE BEGIN
                                                              DATA
                                                                          SIZE BEGIN
 D C-PFNOER 1 291
                                                                D C%RRP
     Number of earners in primary family 16+
                                                                                 311
                                                                     Relationship to reference person
                                                                     allocation flag
           -1 .Not in universe (not in
                                                                          0 No change
           .primary family)
0 .No earners
                                                                ٧
                                                                          2 .Blank to value
 ν
                                                                          3 .Value to value
                                                               ٧
          1-8 .1-8 Earners
9 .9+ Earners
 ٧
                                                               ٧
                                                                          5 .Value to value - no error
                                                               D C%PARENT
 D C-PFNOEM 1 292
                                                                    Parent's line number allocation flag
      Number of employed in primary
                                                                         0 .No change
      family 16+
                                                                          2 .Blank to value
          -1 .Not in universe
                                                                          3 .Value to value
 ٧
           0 No one employed
                                                               ٧
                                                                          5 .Value to value - no error
         1-8 .1-8 Employed
           9 -9+ Employed
                                                               D C%AGE
                                                                   Age allocation flag
 D C-PFNOUN 1
                                                                         0 .No change
     Number of unemployed in primary
                                                                         2 .Blank to value
     family 16+
                                                                          4 .Allocated
 UALL
          -1 .Not in universe (not in
                                                               D PADDING
                                                                            2
٧
          .primary family)
0 .No unemployed
٧
                                                               D C%SEX
                                                                           1
٧
                                                                               316
         1-8 .1-8 Unemployed
                                                                   Sex allocation flag
           9 .9+ Unemployed
                                                                        0 .No change
                                                               ٧
                                                                         2 Blank to value
3 Value to value
D C-FAMWGT 8
                 294
                                                              ٧
     Family weight - two implied
                                                                         4 .Allocated
     decimal places
U All
                                                              D PADDING
D C-FMEWGT 8 302
                                                              D C%RACE
                                                                          1
                                                                               320
     Family earnings weight
                                                                   Race allocation flag
     (2 implied decimal places)
                                                                         0 .No change
U H-MIS=4 or 8
                                                              ٧
                                                                         2 Blank to value
                                                                         4 .Allocated
   Allocation flags
                                                              D C%ORIGIN
                                                                           1
                                                                                321
*************
                                                                   Origin allocation flag
                                                                        0 .No change
2 .Blank to value
D C%LINENO 1 310
    Line number allocation flag
                                                              ٧
                                                                         5 .Value to value - no error
         0 .No change
2 .Blank to value
                                                              ٧
                                                                        8 .Blank to n/a code
٧
          3 .Value to value
                                                              D PADDING
                                                                          39
                                                                                322
```

Current Population Survey Armed Forces Interview Data Dictionary

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

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

```
DATA
              SIZE BEGIN
                                                                  DATA
                                                                             SIZE BEGIN
            14 .Converted to perm. business or
                                                                             -1 .Not in universe
              .storage
                                                                              1 .Owned or being bought
                                                                   ٧
 ٧
            15 .Merged
                                                                              2 Rent
 ٧
            16 .Condemned
                                                                              3 .No cash rent
            17 .Built after April 1, 1980
 ٧
            18 .Unused line of listing sheet
                                                                   D H-FAMINC 2
                                                                                        26
 ν
            19 .Other
                                                                        Family income
                                                                        Note: If a nonfamily household
 D H-SEASON
              1
                     18
                                                                        (H-FAMIND=0), income includes only that of householder.
      Item 16 - Seasonal status
 U H-TYPEBC=1-3
                                                                   UALL
 ٧
           -1 .Not in universe
                                                                   ٧
                                                                             -1 .Not in universe
 ٧
           1 .Year round
                                                                   ٧
                                                                              0 .Less than $5,000
 ٧
            2 .By migratory workers
                                                                   ν
                                                                              1 .$5,000 to $7,499
2 .$7,500 to $9,999
 ٧
            3 .Seasonally
                                                                   ٧
                                                                   ٧
                                                                              3 $10,000 to $12,499
 D H-OCCINT
      OCCINT 1 19
Item 17 - This unit is intended for
                                                                              4 .$12,500 to $14,999
5 .$15,000 to $19,999
                                                                  ٧
                                                                   ٧
      occupancy
                                                                  ٧
                                                                              6 $20,000 to $24,999
 U H-SEASON=2 or 3 and H-LIVORT=1-7
                                                                  ٧
                                                                             7 $25,000 to $29,999
        -1 .Not in universe
                                                                  ٧
                                                                             8 $30,000 to $34,999
 ٧

    Summers only

                                                                  ν
                                                                             9 $35,000 to $39,999
           2 .Winters only
                                                                            10 .$40,000 to $49,999
11 .$50,000 to $59,000
                                                                  ٧
 ٧
            3 .Other
                                                                  ٧
                                                                  ٧
                                                                            12 $60,000 to $74,999
 D H-INTRV1
             2
                                                                            13 .$75,000 and Over
                                                                  ٧
      Interviewer code
                                                                            19 Not answered
      Blank or impossible in any digit
      interviewer code A00-M99 excluding IXX
                                                                  D H-TELHHD
ν
           -1 .Blank
                                                                       Telephone in household
          00 .A
01 .B
ν
                                                                  U All (March, July, Nov. only)
٧
                                                                  ٧
                                                                           -1 .Not in universe (noninterview)
٧
           02 .C
                                                                  ٧
                                                                             1 .Yes
٧
           03 .D
                                                                             2 .No
ν
           04 .E
           05 .F
٧
                                                                  D H-TELAVL
                                                                               1
                                                                                       29
٧
           06 .G
                                                                      Telephone available
٧
          07 .H
                                                                    H-TELHHD=2 (March, July, Nov. only)
٧
          08 .J
                                                                  ν
                                                                            -1 .Not in universe
٧
          09 .K
                                                                  ν
                                                                            1 .Yes
٧
          10 .L
                                                                             2 .No
٧
          11 .M
٧
          12 .N
                                                                  D H-TELINT
                                                                              1 30
٧
          13 .P
                                                                      Telephone interview acceptable
٧
          14 .Q
                                                                  U H-TELHHD=1 or H-TELAVL=1 (March, July,
          15 .R
٧
                                                                   Nov. only)
٧
          16 .s
                                                                            -1 .Not in universe
٧
          17 .T
                                                                  ٧
                                                                            1 .Yes
٧
          18 .U
                                                                  ٧
                                                                             2 .No
٧
          19 .V
٧
          20 .W
                                                                  D H-PRSCNT
                                                                              1
                                                                                    31
٧
          21 .X
                                                                      Item 30 - Number of contacts - actual
٧
          22 .Y
                                                                       and attempted -- personal
٧
          23 .z
                                                                  U March, July, Nov. only
                                                                           -1 Blank
D H-INTRV2 1
                    22
                                                                 ٧
                                                                           1-6 .# of personal contacts
     Interviewer Code - digit 2
                                                                 ٧
                                                                               .(6 = 6+)
          -1 Blank
         0-9 .Interviewer code digit 2
                                                                 D H-TELCHT
                                                                      TELCNT 1 32
Item 30 - Number of contacts - actual
D H-INTRV3 1
                  23
                                                                      and attempted -- telephone
    Interviewer Code - digit 3
                                                                 U March, July, Nov. only
          -1 .Blank
                                                                          -1 .Blank
1-9 .# of telephone contacts
                                                                 ٧
         0-9 .Interviewer code digit 3
                                                                 ٧
                                                                              .(9 = 9+)
    Item 27B - HHLD status change -
                                                                 D H-TIMINT 1 33
Item 31 - Time of interview
     replacement household
                                                                 U March, July, Nov. only
٧
          -1 .Blank
                                                                        -1 .Blank
1 .Midnight to 6 A.M.
                                                                 v
          1 .Yes
          2 .No
                                                                 ٧
                                                                            2 .6 to 9 A.M.
                                                                            3 .9 A.m. to noon
D H-TENURE
              1
                    25
                                                                            4 Noon to 3 P.M.
    Tenure
```

```
DATA
             SIZE BEGIN
                                                             DATA
                                                                         SIZE BEGIN
            5 .3 to 6 P.M.
                                                               D H-MSTIND
                                                                          5
                                                                                  44
            6 .6 to 9 P.M.
                                                                   Master segment tape index
            7 .9 P.M. to midnight
                                                                   Unique segment identifer
                                                              D H-HHWGT
                                                                           9
                                                                                 49
  * Household recodes
                                                                   Household weight (2 implied
  decimal places)
                                                                   Final household weight equivalent to
 D H-HKTYPE 1
                                                                   the weight of the wife in husband-wife
      Type of household
                                                                   households and the reference person
                                                                   in all other households
 ٧
            1 .Interview
            2 .Type A non-interview
                                                              **************
 ٧
            3 .Type B/C non-interview
                                                                  Allocation flags
                                                              ***********
 D H-MIS
      Month in sample
                                                              D H%TENURE
                                                                          1
                                                                        0 .No change
          1-8 Month in sample
                                                                         1 .Value to blank
                                                              ٧
                                                                         4 .Allocated
 D H-NUMPER
            2
                    36
     Number of persons in household
                                                              D H%FAMINC
                                                                        0 .No change
 ٧
          00 Noninterview household
                                                              ν
                                                                        2 .Blank to value
 ٧
        1-39 .Number of persons in HHLD
                                                              ν
                                                                        6 Refusal to value, allocated,
                                                              ٧
                                                                          .no error
 D H-TYPE
     Household type
                                                                        1 60
0 .No change
                                                             D H%ARACE
 ٧
           0 .Non-interview household
                                                             ν
                                                                        1 Value to blank
 ٧
           1 .Husband/wife primary family
                                                                        4 .Allocated
 ٧
             .(neither husband or wife in
 ٧
              .Armed Forces)
                                                             D H%CPSCHK
 ٧
           2 . Kusband/wife primary family
                                                                        0 .No change
۷
             .(husband and/or wife in armed
                                                                        2 .Blank to value
             .forces)
           3 .Unmarried civilian male
                                                             D H%DAYCMP
۷
            .primary family householder
                                                                        0 .No change
٧
           4 .Unmarried civilian female
                                                                        2 .Blank to value
             .primary family householder
٧
           5 Primary family household -
                                                             D H%HHNUM
٧
            .reference person in
                                                                        0 .No change
             .Armed Forces and unmarried
                                                                        2 Blank to value
٧
           6 .Civilian male primary
                                                             ٧
                                                                        8 .Blank to NA - error
           .individual
7 .Civilian female primary
٧
                                                             D H%INTRV
v
             .individual
                                                                        0 .No change
٧
           8 .Primary individual household -
                                                                        2 .Blank to value
٧
             reference person in Armed Forces
           9 .Group quarters
                                                             D HXLIVORT
                                                                       0 .No change
                                                             ٧
D H-TYPERP
            1 39
                                                             ٧
                                                                       4 .Allocated
     Type of reference person
                                                                       7 .Blank to NA - no error
U H-HHTYPE=1
٧
          0 .Not in universe
                                                             D H%OCCINT
          1 .Civilian
                                                             ν
                                                                       0 .No change
          2 .Armed Forces
                                                             ٧
                                                                       1 .Value to blank
          3 .Group quarters
                                                                       4 .Allocated
D H-NUMFAM
             2
                                                            D H%RESPNM
    Number of families in HHLD
                                                                       0 .No change
U H-HHTYPE=1
                                                                       2 .Blank to value
        00 .Not in universe
      00-39 .Number of families
                                                            D H%SEASON
                                                                       0 .No change
D H-HHDSEQ
           2
                  42
                                                            ٧
                                                                       1 .Value to blank
    Householder sequence number
                                                                       4 .Allocated
     (reference person)
    (Will be first adult record for
                                                            D H%STATUS
    group quarters)
                                                                       0 .No change
U H-KHTYPE=1
                                                            ٧
                                                                       1 .Value to blank
       00 .Not in universe
                                                                       2 .Blank to value
      01-39 .Sequence number
                                                                       3 .Value to value
                                                                       8 .Blank to NA - error
```

ν

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

```
DATA
             SIZE BEGIN
                                                               DATA
                                                                           SIZE BEGIN
 D H%AREASN
             1
                                                                          45 .South Dakota
            0 .No change
                                                                          46 .Nebraska
            1 .Value to blank
                                                                ٧
                                                                          47 .Kansas
                                                                     South Region (Region 3)
 D H%TYPEBC
             1
                                                                     South Atlantic Division (Div. 5)
            0 No change
                                                                v
                                                                          51 .Delaware
            1 .Value to blank
                                                                ٧
                                                                          52 .Maryland
                                                                          53 District of Columbia
 D H%TELHHD
                                                                          54 .Virginia
           0 .No change
                                                                          55 .West Virginia
 ٧
            1 .Value to blank
                                                                          56 North Carolina
 ٧
            4 .Allocated
                                                                          57 .South Carolina
                                                                ٧
                                                                          58 .Georgia
 D H%TELAVL
                                                                ٧
                                                                          59 .Florida
           0 .No change
                                                                     East South Central Division (Div. 6)
 ٧
           1 .Value to blank
                                                               ٧
                                                                         61 .Kentucky
 ٧
           4 .Allocated
                                                                         62 Tennessee
                                                               ٧
                                                                         63 .Alabama
           1 74
0 .No change
 D H%TELINT
                                                               ٧
                                                                         64 .Mississippi
                                                                    West South Central Division (Div. 7)
 v
           1 .Value to blank
                                                                          71 .Arkansas
 ٧
           4 .Allocated
                                                                          72 Louisiana
                                                               ٧
                                                                         73 .Oktahoma
D H%PRSCNT
             1
                                                               ν
                                                                         74 .Texas
           0 .No change
                                                                    West Region (Region 4)
           2 .Blank to value
                                                                    Mountain Division (Div. 8)
                                                                         81 Montana
82 Idaho
D H%TIMINT
                   76
           0 .No change
                                                                         83 .Wyoming
           2 .Blank to value
                                                               ٧
                                                                         84 Colorado
                                                               ٧
                                                                         85 .New Mexico
D H%TELCNT
             1
                                                                         86 .Arizona
           0 .No change
٧
                                                               ٧
                                                                         87 .Utah
٧
           7 .Blank to NA - no error
                                                               ٧
                                                                         88 .Nevada
                                                                    Pacific Division (Div. 9)
************
                                                               ٧
                                                                         91 .Washington
     Master Segment Tape (M.S.T.) items *
                                                                         92 .Oregon
     for M.S.T. variables whose ranges are *
                                                                         93 .California
                                                               ٧
     not defined here, see geographic
                                                               ٧
                                                                         94 .Alaska
     appendix to this DDL.
                                                                         95 .Hawaii
**********
                                                               D HG-STRN
D HG-REG
             1
                    78
                                                                    1980 State rank
     Region
                                                                    (See Geographic Appendix)
           1 .Northeast
٧
           2 .Midwest
                                                               D HG-FIPS
                                                                           2
           3 .South
                                                                    FIPS State code
٧
           4 .West
                                                                    (See Geographic Appendix)
D HG-ST60
             2
                   79
                                                               D HG-MSAS
                                                                            1
                                                                                   85
     1960 Census state code (first
                                                                    MSA status
     digit = geog. division code)
                                                                        1 .In MSA, in CC
     Northeast Region (Region 1)
                                                               ٧
                                                                          2 .In MSA, not in CC
     New England Division (Div. 1)
                                                                         3 .Not in MSA
                                                               ٧
          11 Maine
                                                               ٧
                                                                          4 .Not identified
          12 .New Hampshire
          13 .Vermont
                                                               D HG-MSAC
                                                                                  86
          14 .Massachusetts
V
                                                                    MSA or PMSA FIPS code
          15 .Rhode Island
                                                                      0000 .Not MSA/PMSA, not identified
٧
          16 .Connecticut
                                                                 0040-9340 MST/PMSA code
     Middle Atlantic Division (Div. 2)
                                                                    (See Geographic Appendix)
         21 .New York
22 .New Jersey
٧
٧
                                                               D HG-PMSA
                                                                            2
                                                                                  On
٧
          23 .Pennsylvania
                                                                    PMSA rank
     Midwest Region (Region 2)
                                                                      00 .Not a PMSA, not identified 01-12 .Ranking of PMSA within its CMSA
     East North Central Division (Div. 3)
         31 .Ohio
                                                                    (See Geographic Appendix)
٧
         32 Indiana
٧
         33 .Illinois
                                                              D HG-MSAR
                                                                           3
         34 .Michigan
                                                                    MSA or CMSA rank
٧
         35 .Wisconsin
                                                                      000 .Not an MSA, not identified
     West North Central Division (Div. 4)
                                                                    001-252 .Ranking of MSAs or CMSAs by
٧
         41 Minnesota
                                                                            .population
         42 . Iowa
                                                                    (See Geographic Appendix)
٧
         43 .Missouri
```

44 .North Dakota

```
DATA
            SIZE BEGIN
                                                              DATA SIZE BEGIN
  D HG-MS$Z
             2
                    95
                                                               D M-AGE
                                                                            2 120
      MSA size
                                                                    Item 18D - Age
      First character -- padding
Second character -- pop. size MSA/CMSA
                                                                      15-90 .AF Age (Age topcoded at 90)
           1 .Not identified, not an MSA
            2 .100,000 - 249,999
3 .250,000 - 499,999
4 .500,000 - 999,999
  ٧
                                                               D M-MARITL 1 122
  ٧
                                                                    Item 18E - Marital status
                                                               UALL
  ν
            5 .1 million - 2,499,999
                                                               ٧
                                                                          1 .Married - civilian spouse
  ٧
            6 .2.5 million - 4,999,999
                                                               ٧
                                                                            .present
  ٧
            7.5 million - 9,999,999
                                                                          2 .Married - Armed Forces spouse
  ٧
            8 .10 million or more
                                                               ٧
                                                                            .present
                                                                          3 .Married - spouse absent
                                                               ٧
 D HG-CMSA
                                                                         -(exc. separated)
4 .Widowed
          00 .Not in CMSA, not identified
        07-91 .CMSA code
                                                                         5 .Divorced
      (See Geographic Appendix)
                                                               ٧
                                                                          6 .Separated
                                                                          7 .Never married
 D H-METSTA
          1 .Metropolitan
                                                               D M-SPOUSE 2 123
 ν
            2 .Nonmetropolitan
                                                                   Item 18F - Spouse's line number
           3 .Not identified
                                                               UALL
                                                               v
                                                                        00 .None
 D H-INDVCC 1 100
                                                                     01-39 .Spouse's line number
      Individual central city identifier
      (See Geographic Appendix)
                                                               D M-SEX 1 125
                                                                   Item 18G - Sex
 D H-RECTYP
             1 101
                                                               U All
      1 .Interviewed adult
                                                                         1 .Male
           Type A noninterview
                                                                         2 .Female
 ٧
           3 .Type B/C noninterview
           4 .Armed Forces record
                                                              D PADDING 1 126
           5 .Childrens record
                                                              D M-HGA
                                                                            2 127
            12 102
                                                                   Item 18W - Highest grade attended
     Unique household identifer
                                                              ٧
                                                                        00 .None
                                                              ٧
                                                                        01 .E1
 * Edited Armed Force's Control Card Items *
                                                              ٧
                                                                        02 .E2
                                                              ν
                                                                        03 .E3
                                                              ٧
                                                                        04 .E4
 D M-LINENG 2 114
                                                              ٧
                                                                        05 .E5
     Item 18A - Line number
                                                              ٧
                                                                        06 .E6
 U ALL
                                                                        07 .E7
V 01-39 Line number
                                                              ٧
                                                                        08 .E8
                                                              ٧
                                                                        09 .H1
            2
                 116
                                                              ٧
                                                                        10 .K2
     Item 18B - Relationship to reference
                                                              ٧
                                                                        11 .H3
     person
                                                                        12 .H4
LIAII
                                                              ٧
                                                                        13 .C1
٧
           1 .Reference person with other
                                                                        14 .C2
            relatives in household
                                                              ٧
                                                                        15 .c3
ν
           2 .Reference person with no other
                                                              ٧
                                                                        16 .C4
٧
             .relatives in household
                                                                        17 .C5
           3 .Husband
                                                              ٧
                                                                        18 .C6+
٧
           4 .Wife
٧
          5 .Own child
                                                              D M-HGC
                                                                          1 129
٧
          6 .Parent
                                                                  Item 18I - Grade completed
٧
          7 .Brother/sister
٧
          8 .Other relative of reference
                                                              ٧
                                                                        1.Yes
٧
            .person
                                                              ٧
                                                                        2 .No
          9 Nonrelative of reference
            .person with own relatives
                                                              D M-RACE
                                                                          1 130
             .in household
                                                                  Item 18J - Race
          10 .Nonrelative of reference
                                                              UALL
            .person-no own relatives in
                                                              ٧
                                                                        1 .White
             .household
                                                                        2 .Black
                                                              V
                                                                        3 .Amer Indian, Aleut Eskimo
D M-PARENT 2 118
                                                                        4 .Asian or Pacific Islander
    Item 18C - Parent's line number
                                                                        5 .Other
U All
V 00 .None
                                                             D PADDING 63 131
     01-39 .Parent's line number
```

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CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

```
DATA
               SIZE BEGIN
                                                              DATA
                                                                          SIZE BEGIN
   * Armed Forces - Recodes
                                                                          3 .Child
   ***************
                                                               V
                                                                          4 .Other relative (primary family and
                                                               ٧
                                                                            .unrelated subfamily only)
   D M-REORGN 2
                                                               D M-PFNOCD 1
      Item 18K - Origin
                                                                                 276
                                                                    Number of own Children < 18 in primary
                                                                    family
             1 .Mexican American
             2 .Chicano
                                                                         O .Not in primary family
            3 .Mexican (Mexicano)
                                                               ν
   ٧
            4 Puerto Rican
                                                                         1 .No children
   v
            5 .Cuben
                                                                         2.1 child
                                                               ٧
                                                                         3 .2 children
            6 .Central or South American
                                                               ٧
   ٧
            7 .Other Spanish
                                                                         4 .3 children
           8 All other
9 Don't know
   ٧
                                                                         5 .4 children
                                                                         6 .5 children
  γ
                                                               ٧
  ٧
           10 .NA
                                                                         7 .6 children
                                                               ٧
                                                                         8 .7 children
  D M-EXPRRP
                                                                         9 .8+ children
               2
                  196
      Expanded relationship code
                                                              D M-PFPRCD
                                                                            2
                                                                                277
                                                              JJA U
            1 .Reference person with relatives
                                                                         O .Not in primary family
            2 Reference person without
                                                              ٧
                                                                         1 .No children < 18 years old
  ٧
             .relatives
                                                              ν
                                                                         2 .All children 0-2 years old
  ٧
            3 .Husband
                                                                        3 .All children 3-5 years old
4 .All children 6-13 years old
                                                              v
            4 .Wife
  ٧
            5 .Natural/adopted child
                                                              ٧
  ٧
                                                                        5 .All children 14-17 years old
            6 .Step child
                                                              ٧
                                                                        6 .Children 0-2 and 3-5
  ٧
           7 -Grandchild
                                                              ٧
  ٧
          8 .Parent
                                                                          (none 6-17)
                                                              ٧
                                                                       7 .Children 0-2 and 6-13
  ٧
           9 .Brother/sister
           10 .Other relative
11 .Foster child
 ٧
                                                                          .(none 3-5 or 14-17)
                                                              ν
                                                                       8 Children 0-2 and 14-17
                                                              ٧
 ν
          12 .Nonrelative with relatives
                                                                          .(none 3-13)
                                                                       9 .Children 3-5 and 6-13
 ٧
           13 .Partner/roommate
                                                              ٧
                                                                          .(none 0-2 or 14-17)
           14 .Nonrelative without relatives
                                                             ٧
                                                                       10 .Children 3-5 and 14-17
                                                             ٧
                                                                       .(none 0-2 or 6-13)
11 .Children 6-13 and 14-17
 D PADDING
           50 198
                                                             ٧
 ***********
                                                                          (none 0-5)
                                                             ٧
                                                                       12 .Children 0-2, 3-5 and 6-13
     Armed Forces - Weights
                                                                       .(none 14-17)
13 .Children 0-2, 3-5 and 14-17
 **************
                                                             ٧
 D M-FNLWGT 8 248 2
                                                                         -(none 6-13)
     Armed Forces - S Final Weight
                                                                       14 .Children 0-2, 6-13 and 14-17
                                                             ٧
      (2 Implied Decimal Places)
                                                                          .(none 3-5)
                                                                       15 .Children 3-5, 6-13 and 14-17
 U All
                                                             ν
                                                                         .(none 0-2)
                                                                      16 .Children from all age groups
D PADDING
           16 256
                                                             D M-PFREL
 *******************
                                                                         1 279

    Family recodes

                                                                 Primary family relationship
 ***************
                                                                       0 .Not in primary family
D M-FAMNUM 2 272
                                                                       1 Husband
                                                                       2 .Wife
     Family number
U ALL
                                                                       3 .Own child
٧
                                                                       4 .Other relative
         00 .Not a family member
                                                                       5 .Unmarried reference person
      01 .Primary family member only
02-19 .Subfamily member
ν
                                                            D M-PFSIZE 2 280
                                                                 Size of primary family
D M-FAMTYP 1
                  274
                                                            LIAII
    Family type
                                                                   00 .Not in primary family 02-39 .Number individuals
                                                            V
          1 .Primary family
                                                                       -(A-FAMTYP = 1 or 3)
          2 Primary individual
         3 Related subfamily
                                                            D M-PFHHAG 1 282
         4 .Unrelated subfamily
                                                                Age of primary family householder
ν
          5 .Secondary individual
D M-FAMREL 1 275
                                                                      O .Not a family member
                                                                      1 < 25 years old
   Family relationship
                                                                      2 .25-44 years old
                                                            ν
                                                            ν
                                                                      3 .45-54 years old
٧
          0 .Not a family member
                                                                      4 .55-64 years old
          1 Reference person
                                                                      5 .65+ years old
          2 .Spouse
```

```
DATA
              SIZE BEGIN
                                                               DATA
                                                                           SIZE BEGIN
  D M-LFESM
              1 283
                                                                D M-PFNOEM
                                                                                   292
       Labor force and earner status
                                                                     Number of employed in primary
       (male) of husband of primary
                                                                      family 16+
       family or male householder
                                                                          -1 .Not in universe
  LLALL
                                                                           0 .No one employed
  ٧
             0 .Not in primary family/no male
                                                                         1-8 .1-8 employed
                                                                ν
  ٧
             1 .Employed earner
                                                                           9 .9+ employed
  ٧
             2 .Self-employed
            3 Without pay
4 Unemployed
  ٧
                                                                D M-PFNOUN
                                                                             1
                                                                                   293
  ٧
                                                                     Number of unemployed in primary
  ۷
            5 Not in labor force
                                                                     family 16+
            6 .Armed Forces
                                                                J ALL
                                                                ٧
                                                                          -1 .Not in universe (not in
  D M-LFESF
                    284
                                                                          .primary family)
0 .No unemployed
      Labor force and earner status (female)
                                                                ν
      of wife of primary family or female
                                                                ν
                                                                         1-8 1-8 unemployed
      householder
                                                                           9 .9+ unemployed
 UALL
            O .Not in primary family/no female
                                                                D M-FAMWGT
                                                                                 294
                                                                           8
 ٧
            1 Employed earner
                                                                     Family weight - Two implied decimal
 ٧
            2 .Self-employed
                                                                     places
 ٧
            3 .Without pay
 ٧
            4 Unemployed
            5 .Not in labor force
                                                                D M-FMEWGY 8 302
 ٧
            6 .Armed Forces
                                                                     Family earnings weight
                                                                     (2 implied decimal places)
 D M-PFUS
                    285
      Primary family earners wage and salary
                                                                ************
      status (16+)
                                                                   Allocation Flags
 UALL
                                                                ***********
 ٧
           -1 .Not in primary family
 ٧
            0 .Not in primary family
                                                               D M%LINENO 1 310
 ٧
            1 .No one employed
                                                                    Line number allocation flag.
 ٧
           2 . Some employed - no wage
                                                                         0 .No change
             and salary workers
 ٧
                                                               ٧
                                                                          2 .Blank to value
           3 . With wage and salary workers,
                                                                          3 .Value to value
                                                               ٧
 ν
              .husband/wife or reference person
 ٧
              .self-employed
                                                               D M%RRP
           4 .With wage and salary workers,
                                                                    Relationship to reference
             .husband/wife or reference
                                                                    person allocation flag
              .person not self-employed, other
                                                                          0 .No change
 ν
             household member self-employed
                                                               ٧
                                                                          2 .Blank to value
           5 .With wage and salary workers
                                                               ٧
                                                                          3 .Value to value
             .only
                                                               ٧
                                                                          5 .Value to value - no error
D M-PFFIPT
              1
                  286
                                                               D M%PARENT
                                                                                312
     Usual full-time/part-time status of
                                                                    Parent's line number allocation flag
     primary family earners (16+)
                                                                          0 .No change
U H-MIS=4 or 8
                                                               ٧
                                                                          2 .Blank to value
v
          -1 .Not in universe (MIS 1,2,3,5,6,7)
                                                               ٧
                                                                          3 .Value to value
           0 .Not in primary family
                                                               ٧
                                                                          5 .Value to value - no error
           1 .No earners
٧
           2 .All earners full time
                                                               D M%AGE
                                                                                313
           3 .Some full time, some part time4 .All earners part time
                                                                    Age allocation flag
                                                                          0 .No change
           5 .Not in universe
                                                               ν
                                                                          2 .Blank to value
                                                                         4 .Allocated
D M-PFFARN
                  287
     Total weekly family earnings
                                                              D M%MARITL
                                                                           1 314
     (for members 16+)
                                                                   Marital status allocation flag
U H-MIS=4 or 8
                                                                         0 .No change
٧
         -1 .Not in primary family or
                                                                         2 .Blank to value
٧
             not in universe
                                                              ٧
                                                                         3 .Value to value
  0000-9999 .Usual weekly family earnings
                                                                         4 .Allocated
                                                                         5 .Value to value - no error
D M-PFNOER
             1 291
    Number of earners in primary family 16+
                                                                                315
                                                                   Spouse's line number allocation flag
         -1 .Not in universe (not in
                                                                        0 .No change
ν
            .primary family)
                                                                         2 .Blank to value
          0 .No earners
                                                                         3 .Value to value
ν
        1-8 .1-8 earners
                                                                         5 .Value to value - no error
ν
          9 .9+ earners
```

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

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

Current Population Survey October 1990 Adult Supplement Record Layout

<u>Data</u>	<u>Size</u>	Begin:end	<u>Universe</u>
A-S30 Isattendi -1 1 2		(0361:0361)	All persons age 15+
A-S31 Is enrolle -1 1 2		(0362:0362)	A-S30=1
A-S32 What grade -1 01-08 09-12 13-18	= Elementary	(0363:0364)	A-S30=1
Is attendi -1	Character*001. ing college full-time or part-time? = Out of universe = Full time = Part time	(0365:0365)	A-S32 = 13-18
or universi -1		(0366:0366)	A-S32=13-18
	Character*001. e or certificate is currently ward? = Out of universe = Associate degree - occupational = Associate degree - general arts & s = Bachelor's = Master's = Doctorate (PHD) = Professional (MD,DDS,DVM,Law = Other license, diploma, or certificate = Not working towards a degree (just courses for job, or own use) = No response	v,etc.) ate	A-S32 = 13-18

<u>Data</u>	<u>Size</u>	Begin:end	<u>Universe</u>
training, technica -1	= Yes		A-S30 = 2 or A-S32 = 13-18
A-S37 Was att or colleg -1 1 2	Character*001. tending or enrolled in a regular school te in October 1989, that is, October of I Out of universe Yes No	(0369:0369) ast year ?	All persons age 15+
-1 01-08	= Elementary = High school	(0370:0371)	A-S38=1
	Character*001. m = Out of universe = Entry of "1-12" in item 32 = All others	(0372:0372)	All persons age 15+
A-S40 Check item -1 1 2		(0373:0373)	A-S30 = 2 or A-S32 = 13-18
A-S41 Check item -1 1 2		(0374:0374)	A-S40=1
A-S42 In what cal -1 1 2 3	Character*001. endar year did last attend regular sc = Out of universe = 1990 = 1989 or before = Never attended	(0375:0375) hool ?	A-S41=2
A-S43 In what calc -1 1 2	Character*001. endar year did complete high school = Out of universe = 1990 = 1989 or before	(0376:0376) ?	A-S41=1

REPRODUCED AT THE NATIONAL ARCHIVES

<u>Data</u>	<u>Size</u>	Begin:end	<u>Universe</u>
-1 -1	Character*001. Complete high school by means of an equence as the GED? If we will be a continuous	(0377:0377) vivalency	Age 15-24
A-S45 Check ite -1 1 2 3 4 5	= Out of universe = Self = Parent = Spouse = Other relative = Nonrelative	(0378:0378)	All persons age 15+
A-S45B Who provocation -1 1 2 3 4 5 6 7 8 9	Character*001. vides the instruction for the business, hal, technical, or correspondence course = Out of universe = 2 yr. college (community or junion = 4 yr. college or university = Vocational, trade, technical, or but = Other school = Employer (private or government = Private business or company = Government agency = Other non-school = No response	college) usiness school	A-S36=1
A-S45C Is atten classes ft -1 1 2 3 9	Character*001. ding (business, vocational, or technical) all time or part time? = Out of universe = Full time = Part time = Correspondence school = No response	(0380:0380))	A-S36=1
A-S45D What is vocations -1 1 2 3 9	Character*001. 's main reason for taking the (business, al, technical, or correspondence) course = Out of universe = To improve or keep up in current = To train for new job or occupation = For non-job related reasons = No response	es?	A-S36=1
Adult's Suppl	ement Allocated Items		
A%S30 Is attending 0 1	Character*001. g or enrolled in regular school? = Not allocated = Allocated	(0382:0382)	

<u>Data</u> Size Begin:end Universe A%S31 Character*001. (0383:0383)Is ... enrolled in public or private school? = Not allocated 0 = Allocated A%S32 Character*001. (0384:0384)What grade or year is ... attending? = Not allocated 1 = Allocated A%S33 Character*001. (0385:0385)Is ... attending college full-time or part-time? = Not allocated 1 = Allocated A%S34 Character*001. (0386:0386)Is this a two-year college or a four-year college or university? = Not allocated 1 = Allocated A%S36 Character*001. (0387:0387)Excluding (regular college courses and) on the job training, is ... taking any business, vocational, technical, secretarial, trade or correspondence courses? = Not allocated 0 = Allocated A%S37 Character*001. (0388:0388)Was ... attending or enrolled in a regular school or college in October 1989, that is, October of last year? = Not allocated 1 = Allocated A%S42 Character*001. (0389:0389)In what calendar year did ... last attend regular school? = Not allocated 0 1 = Allocated A%S43 Character*001. (0390:0390)In what calendar year did ... complete high school? = Not allocated 1 = Allocated Adults Final Supplement Weight A-SUPWGT Character*009. (0391:0399)Age = 16 + 1Adults final supplement weight (2 implied decimal places)

Padding (0400:0428)

1. Note: For producing weighted tallies of individuals less than 16 years old, use A-FNLWGT (found in location 0248:0255)

Current Population Survey October 1990 Children's Supplement Record Layout

<u>Data</u>		<u>Size</u>	Begin:end	<u>Universe</u>
Padding			(0361:0399)	
C-S46 Interviewe -1 1 2	r check item = Out of univer = 0 to 2 = 3 to 14	Character*001.	(0400:0400)	All persons less than 15 years old
	ing or enrolled in = Out of univers = Yes = No		(0401:0401)	A-S46=2
	ed in public or pri = Out of univers = Public = Private		(0402:0402)	A-S47 = 1
C-S49 What grade -1 1 2 3 4 5-12 13-16	 Nursery - full Nursery - part Kindergarten Kindergarten Elementary - 	se day day - full day - part day	(0403:0404)	A-S47 = 1
C-S50 How many -1 1 2 3 4 5		Character*001. es attend nursery school? ee	(0405:0405)	A-S49=1 or 2
	the most important is attending? (= Out of univers = School hours = Cost = Convenient location of the cost = Educational properties of the cost	e cation cogram	(0406:0406)	A-S49=1 or 2

<u>Data</u>	<u>Size</u>	Begin:end	<u>Universe</u>
7 8 9	School atmosphereOtherNo response		
school th -1 1 2 3 4 5 6 7 8 9	Character*001. the most important reason for selecting the at is attending? (second) = Out of universe = School hours = Cost = Convenient location = Educational program = Being with other children = Class size (children per teacher) = School atmosphere = Other = No response	(0407:0407)	A-S49=1 or 2
C-S52A While is parent's c -1 1 2 3 4 9	·	(0408:0408)	A-S49=1 or 2
C-S52B While is parent's d -1 1 2 3 4 9	Character*001. at school what is (are)'s loing most of the time? (male guardian) = Out of universe = At work = At home = Attending school = Something else = No response	(0409:0409)	A-S49=1 or 2
C-S53 Check item -1 1 2	Character*001. = Out of universe = Yes, child is 3 - 5 yrs old = No	(0410:0410)	All persons 3-14 years old
done the f		(0411:0411)	All persons 3-5 years old

REPRODUCED AT THE NATIONAL ARCHIVES

= No response

REPRODUCED AT THE NATIONAL ARCHIVES

<u>Data</u>	<u>Size</u>	Begin:end	<u>Universe</u>
in your f	Character*001. It month or past year, have you or someone amily done the following things with? a library) = Out of universe = Month = Year = No = No response	(0417:0417)	All persons 3-5 years old
in your fa	Character*001. It month or past year, have you or someone amily done the following things with? It to the movie) Out of universe Month Year No No response	(0418:0418)	All persons 3-5 years old
in your fa	Character*001. It month or past year, have you or someone amily done the following things with? a play, concert, or other live show) = Out of universe = Month = Year = No = No response	(0419:0419)	All persons 3-5 years old
in your fa (Visited a	Character*001. month or past year, have you or someone mily done the following things with? n art gallery, museum, or historical site) = Out of universe = Month = Year = No = No response	(0420:0420)	All persons 3-5 years old
in your fa	Character*001. month or past year, have you or someone mily done the following things with? zoo or aquarium) = Out of universe = Month = Year = No = No response	(0421:0421)	All persons 3-5 years old

Data C-S55F In the past month or past y in your family done the form (Visited a playground or -1 = Out of universal = Month 2 = Year 3 = No 9 = No response	ollowing things with ? park) erse	<u>Begin:end</u> (0422:0422)	<u>Universe</u> All persons 3-5 years old
Children's Supplement Alloca	ted Items.		
C%S47 Allocation of item 47 Is attending or enrolled i 0 = Not Allocated 1 = Allocated	Character*001. n school? ed	(0423:0423)	
C%S48 Allocation of item 48 Is enrolled in a public or 0 = Not Allocate 1 = Allocated	Character*001 . private school?	(0424:0424)	
C%S49 Allocation of item 49 What grade or year is att 0 = Not Allocate 1 = Allocated	Character*001 . ending? d	(0425:0425)	
Padding		(0426:0428)	

Questionnaire Facsimile

CHECK ITEM	FORM CPS-1			
ı	U.S. DEPARTMENT OF COMMERCE	CONTROL NUMBER		
Only CPS-1 for household	Bureau of the Census	•		
5 . cm5	No. of the state o			
First CPS-1 of continuation hilhoid	"			
Second CPS-1 of continuation in hold	Current population survey	İ		
-	2 2 2 2 2 2 2 2 2 3 4 2 3 M 4 2 1			
Third, lourth, and 5th CPS-1	50m 4 4 040 44 0			
LINE NO. OF WHEEL & THE	Form Approved = 0.M.B. No. 1220-0100 = Expires 11-30-91 Foodic 26.1:1	PSU	SEGMENT	CEDIN
LINE NO. OF H'HOLD RESP.				SERIAL
NON H'HOLD RESPONDENT				
(Specify and Send Intercomm				
(ar interviewed household)				
`				
INTERVIEW				
ANY ENTRY OTHER THAN				
VEVER WORKED IN ITEMS				
23A—E in this CPS—1 / No				
NONINTERVIEW TYPE A				
 1				
TYPE 8				
TYPE C				
SEND INTER COMM	_			
FOR TYPE A AND CI				
	Current			
ELEPHONE HOLD				
(Mark this box for office "telephone hold"				
(dses only)				
	Populatio	[N]		

Survey

OCTOBER 1990

FILL TRANSCRIPTION ITEMS 18A-K IN ALL HOUSEHOLDS.

18A.	188. RELATIONSHIP	1	7	FIRST CHILD			VALL H			710 ·				_
LINE NO.	TO REF. PERS.	18C. PAR'S LINE NO	180. AGE	18G1.SEX	18K. OAIGIN	53. CHECK ITEM Ves (Ask	54)		(Fill only in int	FIRST ARME erview househol	D FOR	ICES MEI	MBEA 5 "AF" In	CC item 22.)
- 2	Nat'l/Ad'd Child 05 Step Child . 06	CINENC	1 .	Female		years old 1900 - 1200	strons)	18A.	188. RELATIO	ONSHIP TO NCE PERS.		18C. PART	180.	18E.MARITA
	Grandonild 07	-		18J. RACE	_	54. In the past week have you or so	meone	NO.	Ref, Person WIT	FH reluc Hibla	01 .:	LINE NO.	AGE	STATUS
:	Brother/Sister . 09 1	-		White		in your family done the followi things with? If so, about hos		1 : :	Ref. person wrt NO ref in H'r	n	02 :	,		Married-
	ol ref. person 10	- [1	flieck		times would you say? (Read act.	ivities.	-	Husband		03 .		1.	SDOUSE
	Foster Child()	- _ ·		Amer, Ind, Aleut,]	w manv	-	Mite .		04 ;]	oresent . Married—
	Non-reli of Ref. Person WITH OWN			Eskimo . Asian pr	□ ■ •	No Yes ti	imes?]	Natural/Adopte Step Child		05 J 06 ∵	1	ĺ	spouse
	ret in H'hld. 12 Non-ret of Ref	.	į	Pac.isi	ĺ - ·	1-2 Read to	3+	l i	Grandenile .	0		:		absent (Exclude
	Person with NO	None		Other		Taught letters,			Pareni		80		1: ,	separated)
	OWN rel in Hinld 14			1	İ	wards, ar numbers]	Brother/Sister Other Ret price		19 "			Widowed
45. CHE	ECK ITEM		51. Wh	at was the most imp		Tauche	. 1	_ !	Foster Child		(0) (1)	:	2 7	Divorced
	9 to 2 /Ga 3 to 14 (4st	to next child)	j sele	ecting the school tha	1is attending	of Did acts and centre			Non-rel, of Ref WITH OWN re	Person In Hinld 1	2 -	None		Separated. Never
17 10	• • •	-	I PIES	one report the first at	nd second most	Played	. [Partner/Roomm	ale r	j j	:	=	married
	attending or enrolled in so	theo!?	Var	k I in each column.)	First Second	Watched	1	1 1	Non-rel, or Ref. than partner m	00mmazei		_		İ
Υe	ts (fish No /Go	to 53)	5¢n	iodi hours		educational television	- []		with NO OWN	rel m H'hld 1	ء ا			
8. ls	. enrolled in a public or priv	vate school		t				18F.	18G1, SEX	18H.	191	CDAO		L
Public		ude perochiel)		ivenient location icational program		55. In the past month or past year, no you or someone in your family d	lone	SPOUSE LINE NO	. 1	HIGHEST	COI	. GAADE MPL€TE	DIRBU. H	ACE 18K.
9. What	t grade or year is attendir	g?()(nurserv	Sein	ng with other childre	n.	the following things with?		~	Iale	ATTENDED) YE	8	Whi	
QC MIT	ngergarten, ask it full-day or j	part-dev.i	Clas	is size uldren per teacher).		(Read each activity separately, Ask the past year if response to month	t for		Female		N		Blac	:k:
rsursery Pre-Jeine	<i>((Pre-school</i> , Full-day <i>dergarten)</i> Part-day	1:As# 50)	Scho	ooi atmosonere ,		is "No, ") Month Yea	i !		_	İ	("	-	Am	;
Cindera	- J. I-UAV	; [Othe			Visited a figrary?			-	:			indi	an,
-	Part-day	(Go to 53)	57. White	le is at school wh	at is (are) 's	Gone to a movie?,	- 11			İ	i	_	Ale Eski	
	Elementary High 3 4 5 6 7 8 3 11	n s cheoi 0 11 12	Carea	ent(s) daing most of a paries. Ask for each p	the time? (Read arent separately.	Gone to a play, concert, or other live snow?	Ш			-	ļ	_	Asia	י יסי חי
	- • • • • • • • • •	01112		Mo	other Fatner male (Male	Visited an artigallery.			İ				Pac	
		~_ ∵ ■		gua	rdian) guardian)	museum, or historical site?	- 11				i		Othe	ır :
	V many days nev	vestions)		At work		Visited a 200 or aquarium?] [,	None	!		ł			
week	konces 1234	5 or mare		Attending school		Visited a	- 11							į
1Eho	nd nursery coi?	1		Something eise.		playgroung or park?			1	i			i	
				warmening erse.			ΙŁ		ļ	ľ	!		:	i
						(End questions)] \		<u> </u>	<u> </u>	<u> </u>		<u>:</u>	
8A.	188. RELATIONSHIP	190	Š	ECOND CHILD						<u></u>	<u> </u>		: —	
INE	188. RELATIONSHIP TO REF. PERS.	PARS		ECOND CHILD	18K. ORIGIN	SJ. CHECK ITEM Yes (Ach SA	\ ;;;;]_[58	ECOND ARME	P FOR	CES MEM	BER	i
INE	TO REF. PERS. Nat'l/Ac'd Child 05		S 18D,	ECOND CHILD	18K. ORIGIN	53. CHECK ITEM Yes - (Ash Se Child is 3-6 No : (End years old No : (End			more than 2 AF p		D FORG	CES MEM	BER	1 document.)
INE	TO REF. PERS. Nat'l/Ac'd Child: 05 . Step Child: C6 .	PARS	S 18D, AGE	ECOND CHILD 18G1.SEX Male Female	18K. ORIGIN	53. CHECK ITEM Yes - (Ash Sa Child is 3-5 No : (End years old auestro	775)	18A, 1 LINE	88. RELATIONS	SHIP TO	hold, use	TBC.	18D.	J document.) 18E. MARITAL
INE	Nat'l/Ac'd Child 05 5tep Child 07 66 2 Grandonild 07 3 5tep Child 09 09 09 09 09 09 09 0	PARS	S 18D,	18G1.SEX Male Female 18J.RACE	18K. ORIGIN	53. CHECK ITEM Yes - (Ask 54 Child is 3-5 No : (End years old wester 54. In the bast week have you or some in your family done the following	eane !	18A. 1 LINE NO.	SB. RELATIONS	SHIP TO E PERS.	hold, usi	TBC. PARS LINE	rtion CPS	
INE IO	Nat'l/Ac'd Child 05 : Step Child 06 : Grandonild 07 : Brother/Sister 09 : Other Rei	PARS	S 18D, AGE	ECOND CHILD 18G1.SEX Male Female	18K. ORIGIN	53. CHECK ITEM Yes - (Aix SA Child is 3-5 No (End years old Ouestro 54. In the bast week have you or some in your family done the following things with? If you about how.	nany	18A, 1 LINE NO.	88. RELATIONS REFERENCE ief.Person WITH lef person with	SHIP TO E PERS. (ef in Hihld 01	hold, use	IBC. PARS	18D.	18E. MARITAL STATUS
INE IO.	Nat'l/Ac'd Child 05 5tep Child 07 66 2 Grandonild 07 3 5tep Child 09 09 09 09 09 09 09 0	PARS	S 18D, AGE	BECOND CHILD 18G1.SEX Male	18K. ORIGIN	53. CHECK ITEM Yes - (Ask 54 Child is 3-5 No : (End years old wester 54. In the bast week have you or some in your family done the following	nany Ves.	18A. 1 LINE NO.	88. RELATIONS REFERENCE	SHIP TO E PERS. (ef in H'hid 01	hold, use	TBC. PARS LINE	18D.	18E. MARITAL STATUS Married spouse
INE IO.	TO REF. PERS. Nat'WAd'd Child 05 Sten Child 06 Grandoniid 07 Brother/Sister 09 Other Ref 09 Other Ref 01 Foster Child 1 Non-ref of Ref	PARS	S 18D, AGE	BECOND CHILD 18G1.SEX Maie Female 18J.RACE White. Black Amer. Ind. Ateut. Eskima	18K. ORIGIN	53. CHECK ITEM Yes - (AIX 54 Child is 3-6 No : (End years old wester) 54. In the past week have you or some in your family done the following things with? If so, about how n times would you say? (Read activate Answer each question.) How n	nany (18A. 1 LINE NO. 6 - 6 - 6 - 7	88. RELATION: #EFERENC ief.Person WITH lef person with NO ref. in Hilard luspand	SHIP TO E PERS. ref in Hihld 01 	hold, use	TBC. PARS LINE	18D.	18E. MARITAL STATUS Married— spouse present
INE IO.	TO REF, PERS. Natil/Acid Child 05 Step Child C6 Grandenid 07 Brother/Sister 09 Other Ref 09 Foster Child 11 Non-ref of Ref Ferson WiTH OWN	PARS	S 18D, AGE	BECOND CHILD 18G1.SEX Male Female 18J.RACE White. Black Amer. Ind. Aleut.	18K. ORIGIN	SJ. CHECK ITEM Yes - (Ask S4 Yells old is 3-5 No : (End question) S4. In the past week have you or some in your family done the following things with? If so, about how in times would you say? (Read activity Answer each question.)	neny (ver,)	18A, 1 LINE NO. 5 14 H 2 Y	88. RELATIONS REFERENC ief.Person WiTH lef person with NO ret in Hind luspand iife atural/Adopted (SHIP TO E PERS. ref in Hihld 01 	hold, use	TBC. PARS LINE	18D.	18E. MARITAL STATUS Married— spouse present Married— spouse
INE IO.	TO REF. PERS. Nati//Acid Child 05 Step Child 06 2 2 2 2 2 2 2 2 2	PARS	S 18D, AGE	Male Female 18J. RACE White. Black Amer. Ind. Aleut. Eskimo	18K. ORIGIN	53. CHECK ITEM Yes _ (Aix 54 Child is 3-5 No (End questro years old No (End questro years old No (End questro years old No (End questro years old No (End ye	neny (ver,)	18A, 1 LINE NO.	88. RELATION: #EFERENC ief.Person WITH lef person with NO ref. in Hilard luspand	SHIP TO E PERS. ref in Hihld 01	hold, use	TBC. PARS LINE	18D.	18E. MARITAL STATUS Married— spouse present Married— spouse absent
INE IO.	TO REF. PERS. Nati//Acid Child 05 Step Child 06 Grandonid 07 Brother/sister 09 Other Ref 01 Other Ref 01 Other Ref 01 Other Ref 01 Other Ref 01 Foster Child 11 Non-ref 01 Ref Person WITH OWN ref on whild 12	PAR'S LINE NO.	S 18D, AGE	Male	18K. OPIGIN	53. CHECK ITEM Yes (Air & St. Child is 3-5 years old vestrol of the following things with? If so, about how a times would you say? (Read activity Answer each ausstron.) No Yes Item 1-2 3- Read to Taught letters, wards, or	neny (ver,)	18A, 1 LINE NO. 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	88. RELATION: HEFERENC ief. Person WITH lef person with NO ref in Hing lusoand iife atural/Adopted (teo Child renot	SHIP TO E PERS. ref in Hihld 01 	hold, use	TBC. PARS LINE	18D.	18E. MARITAL STATUS Married— spouse present Married— spouse
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2000211	1 DAGTVIIDM	อีบสหฐห	Second (PS-1 of continuation himolo	page)		Ì			:
FORM CPS-1					! (Transcribe Items		ĺ			
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		4. TYPE OF LIVING QUA				, j 5a. LAND	 -			<u>.</u>
10. FIELD REPRESENTATIVE CO	DE	HOUSING	UNIT	-	THER UNIT	USAGE	6. PSU NO	J 7. SEGMENT	B. SERIAL	9.HQU
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II. DAY COMPLETED	<u>-</u>	HU in rooming house	raresst moster, mod	er, etc. 3	it hatel, motel, etc. 9	(Fill 50)	1 1		. ~	
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12, LINE NO. OF H'HOLD RESP.		Mobile home or trailer		Grederit dag		SALES			÷	
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3A. CHECK ITEM Telephone Hold]	sent White	Unlit or to t	De demolished	Outside segme		Sea	sonally		How if Ht. Item 4)
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"telephone hold" cases only)		DidUK,	COLME LEG		Merged		(Omir į ^{17.}	This unit is inter-	ded for occu	Olincy:
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ANSCRIPTION ITEMS			<u> </u>	HOTE						I
A. TENURE	continuation CPS-1's re	quired, anly fill on first CPS-)	toch month.)	NOTES:				=		-
Transcribe from cc nem 10)	ـــ.	USE OF TELEPHON	E							ļ
Owned or being bought	/ 29A.	Telephone in Household (Transcribe from C.C. item 27		7						
Hented.	•	Yes (Skip to 29c)	-,							Ī
No cash rent		No : (Fill 296)								
. HOUSEHOLD STATUS CHANGE	70-						·	·]
is this a replacement household this	month?	Transcribe from C.C. item 27b								
Yes _		Yes . (Fill 29c)	_							ĺ
No 3										
		No = (Skio to 30)								
TOTAL FAMILY INCOME Transcribe from cc (tem 29)	29C.	Telephone Interview Accept	table							
	'	Transcribe from C.C. item 27c,		1						
01 - 05 1 09 1 02 1 06 1 10 1	13 2	Yes - I								ł
03 2 06 2 10 2 03 2 07 2 11 2	14]	Yes - (Fill 30) No e		j				-~		
04 08 12	29 🔾	···								
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	""	items 18A–18K on pages 2, 5,	7, 9, and 11.		 -		CODERA	UMBER		
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18. LINE NUMBER	20. Did do any work as an	21. (If) in 19, skip to 21A.1			
	LAST WEEK, not countin	1 21. (ff] in 19, skip to 21A,1	22. (If LK in 19. Skip to 22A.)		
19. What was doing most	work around the house?			24. CHECK ITEM	
of LAST WEEK -	Note: If farm or business	business from which he/		A (Rotation number)	
Working	operator in hh., ask about	was temporarily absent	or /	First digit of SEGMENT number	er is: 25. CHECK ITEM
Keeping house	Unpoid work.)	on layoff LAST WEEK?	Yes No (Go to 2-	1) 13 7 C	er is:
Going to school		1	22A, What has have	2. J. J. D. Of 7 (Ship to 3	(Rotation number)
or something else?	25 . No . 1Go to 21) Yes No (Goro	22) 4 weeks to find work? (Mark all	last 4 or 8 (Go to 24A)	First digit of SEGMENT
i	1204 Hamman	214 94	meshods used; do not read list.)	24A. When did last work for par	กนากber is:
Working (Ship to 204) WK	1 20A. How many hours	21 A. Why was absent fro	Checked oub, employ, agency	(equies in) and	
With a job out not at work J	didwork	WORK LAST WEEK?	with— the employ, agency	regular job or business, either i	full-or 4 or 8 /Go to 25A)
=90king for these	LAST WEEK	Own illness	with - ovt. employ, agency		· · · · · · · · · · · · · · · · · · ·
Keeping nouse	at ali jobs?		employer directly.	Within past 12 months	25A. How many hours
Going to school S	200 000	On vacation	riands or relatives .	1 up to 2 years ago	per week does . , .
Unable to work (Skip to 24). U	208, CHECK ITEM	- vacation,	Placed or answered ads	2 up to 3 years ago . (G	0 to 2484
Retirec		Bad weather	Nothing (Skip to 24)	a no to a years ago	WORK at this job?
Other (Specify)	19 /5kip to -	i soo reamer	Other (Specify in notes, e.g.,	4 up to 5 years ago. ,	!
	(tem 23)	Labor dispute	/TPA, union or oros.	5 or more years ago	ļ
1	1-34 (Go to =	Capor dispute	3.22		ip to
	20C)	No	22B. At the time started looking for work, was it because he/sh	T	24C)
r	35-48 (Go to 200)	New job to begin (Skip)	for work, was it because he/sh	that job?	
1	· · ·	wittin 30 days 228 ar	of Was or quit a lob or was sheet		-
	200. Did lose any time or	Temporary layorf 22C2)	Sume other reason?	(Incl. pregnancy) or school.	- 1
	take any time off LAST	(Under 30 days)	• Lost jon	Health.	259 1
	WEEK for any reason	,	• Quit job	Returne	258. Is paid by the hour
	such as illness, holiday	Indefinite lavoif	Lett school	Retirement or old age	on this job?
20C. Does USUALLY work 35	QF stack work?	(30 days or more (3Aip	Wanted temporary work	Seasonar job comoleted	Y = (Go to 25C)
hours or more a week at this joi	21	ar no def. recall 22C3	Change in nome		VO (56
	" HOW MANY HOURS	1	or lamily responsibilities	Stack work or outliness conditions	
Yes What is the reason	did take off?	Other (Specify)	Left multary service	≗mporary	290. How much Dollars Cen
worked less than	†	`	Other (Specify in notes)	Conseasonal ion completed . Unsatisfactory work	does
35 hours LAST WEEK	71 /C==			Grangements (Hours, pay, etc.)	eam
	Cornect ZUA if lost time	218. Is receiving wages	2ZC. 1) How many weeks		
No What is the reason	- /	or salary from his/her	hasbeen looking		·
USUALLY works	of 20A reduced below 35.	employer for any of the	for work?	24C. Does want a regular job now,	
less than 35 hours	correct 208 and fill 20C)	UM of LAST WEEK?	1	or bart-times	[e
2 week?	, 1		21 How many weeks ago	Yes	
(Mark the appropriate reason)	No	Yes .	didstart looking	Maybe — it depends 1/Go to .	2401
	' 20F P	Yo	for work?	No No	1
Slack work	. 20E, Did work any overtime?	טו	_	Don'i know (Skip to	245)
Material shortage.	or at more than one job		3) How many weeks ago	•	
an envirage		C. Does usually work	was laid off?	24D. What are the reasons is not	/4sk_25D) REF
Plant or macnine repair,		35 hours or more a week			250. How much does
	95 - How many extra	at this job?	220. Has been looking for full-time	(Mark each reason mentioned)	USUALLY
New job started during week	hours did work?		- Part (title MOLK)	• Believes no work	sam per week
Job terminated during week,		Yes .	Full Part _	available in time of work or area	at this job -
Could lind only cart-time work	(Correct 20A and 20B as		22E. Could have taken a job LAST	Couldn't ting any work	BEFORE
	necessary if extra hours	No	WEEK if one had been offered?	Lacks nec. schooling	deductions?
Holiday (Legal or religious)	not elready included and	j		training, skills or experience	include any
Lacor dispute.	skip to 23.)	Skip to 23 and enter job	Yes No Whynot?	Employers Injuly too	overtime pay,
		held last week)	Alennation	think too young or too old	commissions,
ad weather. ,	No - 🔳	······································	Temporary timess	Other pers, handicap in finding too	or tips usually
hyr niness -	(Skip to 23)		Sound to en	Can't arrange of	received.
'.				Can'l arrange could care	
n vacation	INDUSTRY OC	CUPATION	Other (Specify in notes)	Family responsibilities	
00 busy with housework.	:	ļ 2	4F. When did bet		AEF [
201 Jok personal bus A (•	ļ	2 consecutive in business lasting	in school or other training	25E. On this job, is a member
id not want full-time work		l v		III health, physical disability	of a labor union or of an
ill-time work week		į.			employee association similar
nger 35 hours		1.	(Month)	Other (Specify in notes)	to a union?
her reason (Specify),		. [0	ne to (rve years apo	Don't know.	į.
· · · · · · · · · · · · · · · · · · ·	. =	I No	IDre than 6 years -		Yes - (5kip to 26)
) (~	ever worked full-time 2 wks as =	E. Does intend to look for work of any kind in the next 12 months?	No (Ask 25F)
(1)	•		full-time 2 wks, or more	And in the next 12 months?	25F. On this job, is covered
Y				Yes	by a union or emplayee
tip to 23 and enter job worked	Ref. Ref.		nter job, either full or part time, from	it depends (Specify in notes)	association contract?
	Unc	: I 📉	hich laid off. Else enter last full time	No .	1
ESCRIPTION OF JOB OR BUSINES			ob lasting 2 weeks or more, or sever worked,")	Don't know (If entry in 248, describe job in 23, otherwise, skip to 26)	Yes J /Carango
For whom did work? (Name of co	MODEL PRINCE		<u></u>	otherwise, skip to 26)	No (Go to 26)
	organization or other	employer.)	775 17		<u> </u>
_			, 23E. Was this person		
What kind of business or industry is t	is? (Fac avana)	<u>-</u>	An employee of a PRIVATE	: C _{0.}	23F. CHECK ITEM
3,13,	,. or example: IV and radio mig.,	retail shoe store, State I about -	bus, or individual for wa-	ges, salary or comm o	
		Lucor Dec	TELEMAL DOVERNMENT		: =
What kind of work was doing? (C.			A STATE government emplo	noloyee E	Entry (or NA)
What kind of work wasdoing? (Fo	example: electrical engineer, stock ci	erk, typist, farmer i			in item 20A
			A LOCAL government empir	oveeL 5	(1001023
What were's most important activi ells cars, operates printing press, finishe		 _	Self-empl, in OWN bus., prof	. practice, or farm	SOUTH I ASSET
ells cars, operates printing areas finale	and or duties at this job? (For example	ti types, keeps per-	is the business incorporat	ted? / Yes	in item 218 - 1 Page)
· · · · · · · · · · · · · · · · · · ·	contrie)	wccount books, f	ffes, Consideration of the second of the sec	NoSE O	1
			Working WITCHOUSE		All prhases
					
			Working WITHOUT PAY in 1 NEVER WORKED	am, bus, or farmWP 🔾 (Skip)	All other cases 🧿 (Skip to 26)

L	1		·—·									
18A.	188. RELATIONSHIP TO REFERENCE PI		18C.	18D.	18E. MARITAL	18F.	18G1. SEX	18H, HIGH	JEST	- -		
NO.	Fef. Person WiTH ret. in Hihld		PARS	AGE	STATUS	SPOUSE'S		GRA				
,	Ref. person with NO rel, in Hintd	02	LINE NO.		Married —	LINE	Female - 17	1	ENDED	181. GRADE		18K.
	Hosband		NO.	_	300use present	NUMBER	! <i>!</i>			COMPLETED	White	ORIGI
	Natural/Adopted Child				ļ		18G2, VETERAN STATUS		İ	Yes .		
1	Step Child		1	-	Marrieg — spouse	i .	Yeteran →			No i	S-acx	1
1 i	Grandchild	07		3 -	aosent (Exclude	: -	Vietnam Era	ł	i		Amer, Indian,	:
	Parent		1 :		Jeparated)	-	Korean War		ľ	<u>'</u>	≟ieul,ēşkimo	
ĺ	Srother/Sister.	09	-	1.5	Widowed	ļ	World War II	}	- 1		Asian or	1
	Other Reli of Ref. Person	10	1 :	3 3	Divarced	2	World War i	;	- 1	ĺ	Pacific Isi	
j	Non-rel, of Rel. Person			2 1	Separated	,	Other Service -				Siner	1
	WITH OWN rel in Hibld	12			Never		Nonveteran	! 	ļ	1	_	
<u> </u>	Partner/Roommate	13 -	None		married	None		ĺ	- 1		_	:
▎▝▘	roommate) with NO DWN rel. in H'hi	ner/ id14	-			ł						
26. CHE	CKITEM	11 27 4	<u> </u>	L	<u> </u>	 _				- !		į
(Tran	nscribe from control card item 18)			ger full-tim	ie or part-time?	40. CHECK	TEM		45A. C	HECK ITEM		
16-	Derson is -24 years of age (Ask 26A)	14	ull time art time			Age	: 1524 <i>(FILL 41)</i>		25	f answer to item .	36 is "Yes", ask 458)	
	others. (Skip to 26C)	ļ	er time				Age 25+ /GO to 45)		(I	fanswer to item.	36 is "No", ena questi	ions;
26A. (I/	School in 19. Verify) LAST WEEK			ege or a f	our-year college	<u> </u>						
Wa	d attending or enrolled in a high	Or Univers	uty?			41. CHECK I	TEM		40D. W	OCATIONAL TECHNO	instruction for the E cal, or correspondent	ousiness,
(46	noal, college, or university? ork "Yes" if currently on holiday or		collage		-		ool Graduate (entries	l		2-yr college	Call, or Colleged Inters	CE COURSE(S)
100	monal vocation, Mark "No "for mer vocation).		mmunity or				f and "yes" in CC items I 23b OR entry of				or junior callege),	
		- 4-year	College or u	iniv e rsity	· · ·			KIP to +31		4-24 college or i		
1	2671	35. What degr	rea or certifi	cate is	Currently working	Not High		SK 421		Zucational, trai		
	righ school	(brewot				1	School graduate . 14	3K #2/			Cusiness school,	
	college or Univ.		rate degree (AA)		42. In what ca	siendar year did last attend			itter school . Employer term	ale or government)	
26B. Is	. enrolled in school as a full-time art-time student?		cupational peral Arts ar	c		regular so	hool?	· .		Private Dusiness		
'	Full time	Bacnel		o acienta	· .	1990	· 1	- 1	_	Government ag	ency	
[Part time (Fill 26C)	Waster	's			1989 or	1-19-10-17	ļ	_	Dinar non-scho	al,	
26C CHE	ECK ITEM: Who responded to the		rate (PhD).			Never a	ttended	Ţ	45C, Is.	attending (b	usiness, vocational, o	c technicali
labo. Criz	or force items for this person?	Protess			_				cia	sses full time or	part time?	i technical:
	_		D. OOS, OV. License,	NI. Law, E	IC, I		lendar year did complete i	righ school?		Foil time		
	Self .) Other		Homa, or Ce	rtificate.		1990 1989 or	Basa			Part time		
	Self/Other		crking towar			13090	Delore	į		Correspondence	school	
STAINS!		lus	l takıng cou			44. Did co	implete high school by means i		450. Wr	vat is's main	reason for taking the	Lhuman .
	ER: ASK THE LABOR FORCE QUESTIONS HOUSEHOLD MEMBERS 15+ YEARS OLD		Jap. or pwr	US#J			y test, such as the GED?	24 (811)	YOU	cational, technic	al, or correspondence	et course(s)?
ВЕ ГОЯЕ	ASKING THE SUPPLEMENT QUESTIONS						Yes			To improve or i	CB62 UD	
	SUPPLEMENT QUESTIONS	35. NOTE: For	r persons en	oiled in ri	ollege (21–26 in	i	No				or occupation	
APPROVI	ED. D.M.B. NO. 0607-0464 EXPIRES 12/90		od the paren			45, CHECK ()				To train for <u>nev</u> accupation		
	HECK ITEM	Excluding	(regular coll	ede conta	and) on the job		ted for this person?			For non-job-rela		
	o) enrollment status. (Transcribe from 16a)	training, is	taking i	iny busine	ess, vocational,	Self .		-				
	Vae I	courses)	secretariai, (rade or co	prrespondence	Parent						
	No (IVERIFY 30)		≻es			Scouse		}				
	Blank (ASK 30)	í	No .			Öther r Nonreit						į.
30 1s	attending or enrolled in regular school?	1 22				i i-onrei	ilive.					
	Yes (ASK 31)	37. Was att	tending or ei in October I	nrolled in	a regular school			+				
	No (SKIP to 36)	of last year		Jos. (Mai	n, October							į
21.1			Yes	/A5K 381								į
JI. 18	enrolled in public or private school?		No J		19)							
	Public Private	38. What grade				ł						
	<u> </u>		Elemen		iding last year?	[
32. What o	grade or year is attending?	l t	2 3 4 5		3			ļ				1
	Elementary		0000	: : :								ŀ
	12345678		11 6.									
	1 1 1 1 1 1		9 10 1									1
	High School		: : .									
	9 10 11 12 (GO to 37)											1
			Colle	_	_							
	College		22 23									
	College ==================================	:	2 1		-							ļ
	21 22 23 24 25 26	39. CHECK ITE	EM									
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	us, uneux III	EM									1
SKIP I	(If entry in 26b TO item 34, OTHERWISE, ask item 33)	Entry of	t "1—12" in	item 32	. 2 (GO to 45)			1				
	, - · · · · · · · · · · · · · · · · ·	A11	_					ļ,	f this is 11	he last Derson 11.	years of age in the hi	 -
•		All othe	л ж	• • • • • • • •	. O (Fill 40)			و ا	o to page	1 and complete	' years of age in the hi items 46–55 as applic	ousehold,
								/ 7	or any ch	ildren 0-14 year	old.	aure,

_ 			NEVER WORKED	n fam. bus. or farmWP O (Skip to 26)	,
What were's most important act sells cars, operates printing press, fini	ivities or duties at this job? (For exember concrete.)	mpie: types, keeps account book	i	rated? Yes	All other cases ((Skip to 26)
C. What kind of work wasdoing? (Self-empl. in OWN bus., pr	of practice, or farm	intry (or NA) at top of page)
IB. What kind of business or industry is			Dept.) A FEDERAL government A STATE government em	employee F (So to :	Entry (or NA) in item 20A
			An employee of a PRIVAT	TE Co, 23 vages, salary or comm. , , P	F. CHECK ITEM
IA. For whom pid , work? (Name of	company, business, organization or a	ther employer.)	23E, Was this person		
DESCRIPTION OF JOB OR BUSING	ESS		"never worked.")	(If entry in 248, describe iob in 13, otherwise, skip to 26)	No 1 (Go to 26)
(Skip to 23 and enter job worked at last week)	Une. : Une.		job lessing 2 weeks or more or	Don't know	Yes (Ga to 26)
(Ship to 23 and	Y Ref. † Ref.		(SKIP to 23. If layoff entered in 21 A, enter job, either full or part time, from which had off. Similar time, from	It depends (Specify in notes)	association contract?
			Never worked at all	Yes .	by a union or employee
	O N		full-time 2 wks. or more	of any kind in the next 12 months? 2	SF. On this job, is covered
Sitter reason/specify).	E	•	Moss to a E	4E. Does intend to look for work	No - (Ash 25F)
under 35 hours	Š	-		Don't know.	Yes (Ship to 26)
Full-time work week	u .	į	(Month)	Other (Specify in nates) .	to a union?
	C E	ļ	Within last 12 months (Specify)	ill nearth, physical disability	employee association similar
Too busy with housework,	 	:	2 consecutive weeks or more?		of a labor union or of an
On vacation	F		22F. When did last work at a	• In school or other training	SE. On this job, is , a member
	O INDUSTRY	CCUPATION		Family responsibilities	
,	(Skip to 23)	1	Going to school	 Can't arrange child care 	5
Rad	No T	held last ween)	Temporary iriness ,	Other pers, handicap in finding job	or tips usually received.
Labor dispute.	rkip to 23.)	(Skip to 23 and enter job	11		commissions,
Holiday (Legal or religious)	not already included and	ļ	Yes . No . Why not?	Employers think too young or too old	overtime pay,
Could find only part-time work	(Correct 20A and 20B as necessary if extra hours	No	WEEK if one had been offered?	training, skills or experience	Include any
Job terminated during week		Yes _	22E. Could have taken a job LAST	Lacks nec. schooling.	BEFORE deductions?
New job started during week , .	WORK!		Full Part :	Ovaliable in line of work or area Couldn't fing any work	at this job
	Yes _ How many extra hours did work?	at this job?	or part-time work?	Believes no work	earn per week
Plant or machine repair	;	21C. Does usually work 35 hours or more a week	22D. Has been looking for full-time	(Mark <u>each</u> reason mensioned)	25D, How much does USUALLY
Material shortage.	or at more than one job LAST WEEK?	215 Do-	was laid of(?	24D. What are the reasons is not looking for work?	
Slack work	20E. Did work any overtime	=	31 How many weeks app		(Aste 250) BEF
(Mark the appropriate reason)		Na	(ar work?	No Don't know /Skip to 24E)	
I WORK?	· No	Yes .	did start looking	(Specify in notes)	
less than 35 hours		time off LAST WEEK?	2) How many weeks ago	Maybe — it debends (Go to 240)	i
USUALLY works	if 20A required below 35, 1 correct 208 and fill 20C)	employer for any of the		either full-or part-time? Yes	5 [2
No What is the reason	not already aeducted:	or salary from his/her	for work?	24C. Does want a regular job now,	
WHIT LAST WEEK	CONTECT ZUA IT TOST TIME	218. Is receiving wages		∃ther.	
worked less than 35 hours LAST WEEK?			ZZC. 1) How many weeks	atrangements (Hours, pay, etc.)	per hour?
Yes What is the reason	/ 1	·	Other (Specify in notes).	Conseasonal ion completed Unsatisfactory work	eam
	Yes . How many hours did take off? >	Other (Specify)	 Left military service 	Temporary	does
hours or more a week at this job		or no del, recoll date)	or family responsibilities	Slack work or pusiness conditions	25C. How much Dollars Cents
20C. Does USUALLY work 35	or stack work?	(30 days or more	Wanted temporary work, . Change in home	Seasonal job completed	No (Skip to 250)
	WEEK for any reason such as illness, holigay	Indefinite layoff 1/Skip	Left school.	Seasonal tob complete	Yes (Go to 25C)
ĺ	take any time off LAST	(Under 30 days)	• Cuit job	Retirement or old age	on this job?
	200. Did lose any time or	1 emborary (avoil)	Last lob	Health	258. Is paid by the hour
		within 30 days 229 and		(Incl. pregnancy) or school.	
	35-48 (Ga to 200)	New job to begin (Skip to	I work, was it because he/she	Personal, family	
•	1-34 7 (Gato 7 5		22B. At the time started looking	248. Why did leave that inh?	<u> </u>
Other (Specify)	(tem 23)	Labor dispute	register, etc.).	Never worked. (Skip to	·
Bettreo	19 (Skip to	Bad weather	Other (Specify in notes, e.g., ITPA, union or prot,	4 up to 5 years ago	
Going to school	208. CHECK ITEM		Nothing (Skip to 24)	3 up to 4 years ago .)	work at this job?
Keeping nouse	200 CHECK TOWN	On vacation, ,	Placed or answered ads	2 up to 3 years ago (Go to 248	USUALLY
Looking for workK .	at all jobs?	Own illness	employer directly Friends or relatives .	l up to 2 years ago)	per week does
With a job but not at work J	LAST WEEK		with~ pvt. employ, agency	Within past 12 months	25A. How many hours
Working (Skip to 20A). WK	1 20A. How many hours - did work -	21A. Why was absent from work LAST WEEK?	Checked pub. employ, agency	regular job or business, either full- or part-time?	4 or 8 (Go to 25A)
Or something eige?	<i></i>	71A Why	methods used; do not read (isr.)	24A. When did last work for pay at a	1. 2. 3, 5, 6, or 7 /Skip to 2
Going to school	Yes No . (Go to 21)	Yes No /Go ro 2:	22A. What has been doing in the last 4 weeks to find work? (Mark all	 /	number is:
Working Keeping house	operator in hh., ask about unpaid work.)	on layoff LAST WEEK?	1 /	1. 2. 3. 5, 6, or 7 (Skip to 26)	(Rotation number) First digit of SEGMENT
DI LASI WEEK -	(Note: If farm or business	was temporarily absent or		First digit of SEGMENT number (s:	25. CHECK ITEM
and a sporting injust		DUMPOSS FOOD WHICH he/en	a i duais-ser a		
19. What was doing most	LAST WEEK, not counting work around the house?	Did have a job or business from which ne/sh	Has been looking for work	24. CHECK ITEM (Rotation number)	

18A. LIND NO. Ref Person WITH rel. in H'hid. Ref Person With rel. in H'hid. Ref Person With NO rel. in H'hid. Ref Derson With NO rel. in H'hid. Ref Derson With NO rel. in H'hid. Ref Derson With NO rel. in H'hid. Step Child. Grandchild. Parent. Brother/Sister. Other Rei. of Ref. Person. Foster Child. Non-rel. of Ref. Person WITH OWN rel. in H'hid. Parrner/Roommate. Non-rel. or Ref. Person idiner inan part roommatel with NO OWN rel. in H'hid.			IBE. MARITAL STATUS Married — coouse cresent Marrieo — spouse ubsent (Exclude reparated) Vidowed Divorced Separated Never marrieo	18F. SPOUSE'S LINE NUMBER	18G1, SEX Male Female 18G2, VETERAL Veteran Vetnam Korean World V Other St Nonwetera	n Era War Var II Var I ervice	18H. HIGHE GRADI ATTEN	E	18J. RACE White Black Amer, Indian, Aleut.Estimo Asian or Pacific Ist Other	TBK, ORIGII
26. CHECK ITEM [Transcribe from control card item 18] This person is 16–24 years of age (Ask 26A) All others (Skip to 26C) 25A.III "School" in 19, Verily) LAST WEEK with attending or enrolled in a high school, college, or university?	33. Is attending or Full time Part time 34. Is this a two-year or university? 2-year college			41. CHECK I	e 1524 (FIL Age 25+ (GO	L 41) to 45)		(If answer to item. 458. Who provides the vocational, technic	36 is "Yes", ask 458) 36 is "No", end auestio instruction for the bu	isiness,
(Mark "Yes" if currently on holiday or sestand vocation. Mark "No" for summer vocation. Yes (Verify) No (Skip to 26C) High school (Ask 26B) Callede or Univ. (Ask 26B) 268. Is enrolled in school as a full-time	II	ruficate is , , .		of "12" 23a and "21~26 Not High	"and "ves" in CC id 235 OR entry of "in CC item 23a). I School graduate alendar year did	/5. /4	(KIP 10 +3) (SK 42)	Awricollere or Nocational, tra Nachhrical, or Ether school I Smorover (priv	de, Dusiness school. ale or sovernment)	
or part-time mudent? Full time (1Fill 26C) Part time (1Fill 26C) 26C. CHECK ITEM Who responded to the labor force items for this person?	Buchelor's Master's Doctorate (Phi Professional	s and Science DVM, Law, e		1990 1989 o Never a		ip to ++) . complete i		Private busines Government ag Other non-scho 15 C. Is attending to classes full time of	ency lot. usinest, vocational, or part time?	těchnica:/
Self Other Self/Other	Not working to ljust taking for job, or	courses own use)	 	1989 o	omplete high school by test, such as the Yes - No		of an 4	a improve or	reason for taking the	
SUPPLEMENT QUESTIONS APPROVED, O.M.B. NO. 0607-0464 EXPIRES 12/90 30-CK. CHECK ITEM School enrollment status (Transcribe from 26a) Yes No (VERIFY 30) Blank (45K 30)	36. NOTE: For persons item 32) read the p Excluding (regular training, is tak technical, secretari courses?	drenthetical of college cours ing any busin	hroses. es and) on the job ess, vocational,	Self Parent Scous Other	FEM rted for this person person	7		To train for ne pocupation . For non-job-ret	<u>₩</u> joa or	
30.11 attending or enrolled in regular school? Yes (ASK 31) No (SKIP to 36) 31.14 enrolled in public or private school? Public	1		t is, October	Nonrei	lative .					
Private 32. What grade or year is attending? Elementary 1 2 3 4 5 6 7 8	1 2 3	mentary 4 5 6 7 3 3 3 3 3	8							
High School 9 10 11 12 (GO to 37) Callage 21 22 23 24 25 26	9 10 , 1 <u>0</u> 21 22 :	h School 11 12 college 23 24 25 2 3 5								
(If entry in 165 SKIP TO Item 34, OTHERWISE, ask Item 33)				_			ge	f this is the last person 1; a ta page 2 and complet or any children 0—14 yea	items 46-55 as applic	ousehold, able,

18. LINE NUMBER	20. Did do any work at all	21 (1/2 +4)			
	LAST WEEK, not counting	21. (If) in 19, skip to 21A.) Did have a job or	22. [If LK in 19. Skip to 22A.]	24. CHECK ITEM	-
10 100	work around the house?	business from which he/she	Has been looking for work	(Rotation number)	~
19. What was doing most of LAST WEEK -	(Note: If farm or business	was temporarily absent or	during the past 4 weeks?	First digit of SEGMENT number is:	25. CHECK ITEM
Working	operator in hh., ask about	on layoff LAST WEEK?	Yes No (Go to 24)	1, 2, 3, 5, 6, or 7 (Skip to 26)	(Rotation number)
Keeping house	unpaid work.)	- The same and the ERY	22A, What has been doing in the las		First digit of SEGMENT
Going to school	Yes No (Go to 21)	Yes No . (Go to 22	4 weeks to find work? (Mark all		number is:
or something else?	/ 100 10 217	<i>F</i>	methods used: do not send (see)	24A, When did.,last work for pay at a	1, 2, 3, 5, 6, or 7 (Skip to
· ·	20A. How many hours	21A. Why was absent from	Checked pub employ, agency	regular job or business, either full- or	4 or 8 (Go to 25A)
Working (Skip to 204) WK	did work	work LAST WEEK?	with— byt, employ, agency	part-time?	//
With a lob but not at work J	LAST WEEK	Own illness,	emotover directly.	Within past 12 months	25A. How many hours
Locking for work	at all jobs?		friends or relatives	1 up to 2 years ago)	Der week does USUALLY
Keeping house		On vacation,	Placed or answered ags	2 up to 3 years ago (Go to 246	work at this job?
Going to school 5	20B. CHECK ITEM		Nothing (Skip to 24)	3 up to 4 years add	TOOL OF BIRE HOOF
Unable to work (Skip to 24), .U	1 . 1:3	Bad weatner	Other (Specify in notes, e.g.	4 up to 5 years ago	
Retired	19 (Skip to		(TPA, union or prof. register, etc.)	5 or more years ago (Skip to	1
Other (Specify)OT 1		Labor dispute		116461 WOIXED	ĺ
`	1-34 : (Go to	l	228. At the time started looking	248. Why did leave that job?	=
	1	New you to begin (Skip to	for work, was it because he/she	Personal, family	—
	1	within 30 days 228 and	lost or quit a job or was there	(Incl. pregnency) or school	
	200. Did lose any time or	Temporary layort	some other reason? • Lost job	Yearth	258. fs paid by the hour
	take any time off LAST	(Under 30 days)	Quit job		on this jab?
	WEEK for any reason		Left school	Retirement or old age .	
	such as illness, holiday	Indefinite layoff (Skip	Wanted temporary work.	Seasonat job dombieted.	Yes (Go to 25C)
C. Does USUALLY work 35	or slack work?	(30 days or more to of no def. recall \ 2203)	1	· ·	No (Skio to 250)
hours or more a week at this job?		date)	or family responsibilities	Slack work or business conditions	25C, How much Dollars Cer
week or find 1001	Yes How many nours	Other (Specify)	Left military service	Temporary	does
Yes What is the reason	did take off?	Same (Specially) .	Other (Specify in notes).	nonseasonal rice completed Unsatisfactory work	eam
worked less than	´	w	i —————	erangements (Hours, pay, etc.)	per hour?
35 hours LAST WEEK?	(Correct 20A if lost time	218 /*	22C. 1) How many weeks	Other	
	not already deducted:	218, is receiving wages or salary from his/her	nas been looking	24C. Does want a regular job now,	
No What is the reason	if 20A reduced below 35.	employer for any of the	for wark?	either full-or part-time?	<u>e ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;</u>
USUALLY works	correct 208 and fill 20C1	time off LAST WEEK?	¦	Yes	3 1
less than 35 hours	, i	THE CIT DIG! THEEK!	2) How many weeks ago	Maybe — it becengs (Go to 24D)	
a week?	No	Yes	did start looking	(Specify in notes)	
(Mark the appropriate reason)	<i>!</i>	Nn	far work?	Oon't know 'Skip to 24Eil	
Slack work	20E. Did work any overtime!	.,,	3) How many weeks ago	DOLL FLOW 1	(4sk 2sn) REF
. ,.	or at more than one job		was laid off?	24D, What are the reasons is not	
Material shortage	LAST WEEK?	21C. Does usually work		looking for work? (Mark <u>each</u> reason mentioned)	250. How much does
Plant or machine repair	Yes _ How many extra	35 hours or more a week	220. Has oeen looking for full-time		USUALLY
	hours didwork?	at this job?	Dr part-time work?	Believes no work available in line of work or area	earn per week
Yew job started during week	1	v.	Full : Part .	Couldn't ting any work .	at this job
Ob terminated during week.	i	Yes	22E. Could have taken a job LAST	• Lacks nec. schooling.	BEFORE deductions?
Guld tond and	(Correct 20A and 208 as	No	WEEK if one had been offered?	fraining, skills or experience	Include any
Could find only part-time work	necessary if extra hours		i	● Employers	overtime pay,
cliday (Legal or religious)	nos aiready included and	/FI.	Yes No Whynot?	think too voune or too ald	commissions.
abor discute	skip to 23.)	(Skip to 23 and enter job	Already has a job.	Other pers handicap in finding job	or tips usually
:	No 💮	held last ween)	Temporary silness		received.
ad weather,	(Ship to 23)		Going to school	■ Can't arrange <u>cnild care</u>	5
win intriess			Other (Specify in notes)	Family responsibilities	REF
	O INDUSTRY	OCCUPATION	22F. When did last work at a		
n vacation .	F		TUIL-Elifte (Ob or business lasting)	In school or other training	25E. On this job, is a member
od busy with nousework.	<u> </u>		2 consecutive weeks or more?	 III health, physical disability 	of a labor union or of an
Transcribe School Dus. File .	Ĕ		Within last 12 montes (Specify) .		employee association similar
	1	}	(Month)	Other (Specify in notes) .	to a union?
ull-time work week under 35 hours	J		inc inc inc inc inc inc inc inc inc inc	Don't know	Yes (Skip to 26)
			14	24E. Does Intend to look for work	No (Ask 25F)
Total Specify	—	1	Never worked	of any kind in the next 12 months?	25F. On this job, is covered
	· .	•	full-time 2 wks. or more Never worked at all	Yes	by a union or employee
Į!			(SKIP to 23.1f layoff entered in 21A,	II depends (Specify in naces)	sanciation contract)
	Rel. : Re	£ 2	enter job, either full or part time from 1	No.	
iklp to 23 and enter job worked at last week)		r c	which laid off. Else enter last full time job lasting 2 weeks or more, or	Don't know.	Yes (Go to 26)
DESCRIPTION OF JOB OR BUSINE		· ·	"never worked,")	(If entry in 248, describe job in 23, otherwise, skip to 26)	No 3 1 (40 20 20)
			L	mm, saip 10 40)	
. For whom did work? (Name of	company, business, organization or	other employer.)	23E. Was this person		
			An employee of a PRIVA	Ter-	JF. CHECK ITEM
What kind of husbarra a fee	+:3/5		bus, or individual for	HE Co, wages, salary or comm P	
. What kind of business or industry is	tings (For example: TV and radio s	nig., retail shoe store, State Labor	D	1 / '	Entry (or NA)
			T FOCHAL governmen	employee	in item 20A .
. What kind of work was doing? (Forest		→ A LOCAL source	iplayee	(Go to 25
or nork mas.,, goingr	or example: electrical engineer, st	ock clerk, typist, farmer.)		noloyeeL	Entry for NA) page)
			Self-empt, in OWN bus., p	oral, practice, or farm	in item 21B
			le the house	. 1 Yes	
. What were's most important are	NITHER OF ALLEIN BY ME :- LD 75				
. What were's most important act sells cars, operates printing press, fini	Mities or duties at this job? (For a) Mes concrete i	rample: types, keeps account bool	n, files,	prated? NoSE O	
. What were's most important act sells cars, operates printing press, flat	nities or duties at this job? (For as thes concrete.)	rample: types, keeps account bool		in lam, bus, or farmWP 0 (Skip)	All other cases 👶 (Skip to 26)

. . . .

18A. 18B. RELATIONSHIP TO REFERENCE	ERSON	18C.	180.	18E. MARITAL	195	1001 550						_
LINE Set Person WITH ret, in H'hid		PAR'S	AGE	STATUS	18F. SPOUSE'S	18G1. SEX		18H, HIGH				
NO. Hef, person with NO rel, in Hihld		LINE		Varried -	LINE	-viale	- !-	GRAC	PE NDED	181. GRADE	18J. RACE	18K.
Husband		NO.		3CDuse	NUMBER	==male	<u> </u>] ^'''	,10EU	COMPLETED	lath	ORIGI
Wife		٠.5		present		18G2, VETER	AN STATUS			Yes _	White. , ,	
Natural/Adopted Child			-	Married —	1 :	Veteran					Slack	
Step Child			1.7	spouse absent			*			No ·	Amer, Ingian,	-
Grandeniid		- 7	1 :	(Exclude	· -		am Ēra			1	Aleut, Eskimo	1
Brother/Sister.			3 5	separated)	-	Korea				1	Asian or	
Other Ret of Ref Person			3 5	Widowed	,		War War				Pacific Ist	1
Foster Child			l	Divorceq		i	Service					j
Non-rel, of Ref. Person			÷ -	Separated						i i	Other	ļ
WITH OWN ret, in Hihld			1.1	Never married	4	Nonvete	ran	Ì			•	- 1
Partner/Roommate		None		-	None	_ ′		ı		' _ J		1
commate) with NO OWN rei, in H1	nld!4 '											
26. CHECK ITEM Transcribe from control card item 18)	33. Is atter	nding colle	ge full-tin	ne or part-time?	40. CHECK I	TEM			45A. (CHECK ITEM		_ -
This person is	Fui	il time			Ag	e 15–24 <i>(F</i>	ILL 41)				36 is "Yes", ask 458)	
16-24 years or age (Ask 26A)	Par	t time				Age 25+ 70	O to 45)		,	If answer to item	36 is "No", ena quests	ons:
All others [Skip to 26C]	34. Is this a tw	NO-YEAR CO	lege or a f	our-year college	1 '	- ge 25. 10	0 (0 43)	ŀ				_
26A. (If 'School' in 19, Verify) LAST WEEK was attending or enrolled in a high	or universi			_	41. CHECK I	TEM					instruction for the bical, or correspondent	
school, coilege, or university?	2-year	college			High Sch	ipol Graduate (er	itries 📕				ical, or correspondent	æ coursets,
(Mark "Yes" if currently on holiday or seasonal vacation, Mark "No" for		mmunily a	r junior co	otteden		" and "yes" in C				2 yr college	or junior contents.	
Summer vacation).	1-year	college or	university			d 23b OR entry				2 vr coilege or		
Yes (Verify) No (Ship to	35 What are		inser:-	, currently working	Ī	6" in CC Item 23		SKIP to 43)		Yocational, tra		
High school 1	toward?	ed Of Certif	Cate is	, correctly working	Not High	i School graduat	<i>t</i> -	45K 42)		feennical, or	DUSIDESS SCHOOL.	
College or Univ. (Ask 268)	14	ate decree	(AA)							Other school :		
26B. Is enrolled in school as a full-time	11	upational.			42. In what o	alendar year did	last atten	d		Private busines	vate or ocvernmenti	
or part-time student?	Gen	eral Arts a	na Scienc	es .	1990.	;iidoi:				Guvernment at		
Full time	Bacnek					r before /	Ship to 44)			Other non-sch	ooi,	
Part time (Fill 26C)	Master'	s are (PhD).	•	•	Never	attended \		1	450.1		ousinesi, vocational, o	
26C, CHECK ITEM. Who responded to the	Pro!ess									classes full time o		r tecnnical)
labor force items for this person?	- MO	, DOS, DV	/M. Law -	etc.j	43, in what o	alendar year did	complete	nigh school?		Full time		
Seil .)	- 71	License,		_ -	1990.					Parr time		
Other —	III .	toma, or C			1989 o	r betore				Correspondence	le school	
Self/Other _ 1		rking towa t laking co		ree	44.00				45 D. V	What is 's mair	reason for taking the	
REMINDER: ASK THE LABOR FORCE QUESTIO	<u>,</u>	joo, or ow			1	omplete high sch cy test, such as I		of an			ical, or correspondence	
FOR ALL HOUSEHOLD MEMBERS 15+ YEARS OF						Yes	OLD!			To improve or		
BEFORE ASKING THE SUPPLEMENT QUESTION					Į	No				n <u>current</u> jo	o or occupation	
SUPPLEMENT QUESTIONS				college (21–26 in		 -				To train for m		
APPROVED, O.M.B. NO. 0607-0464 EXPIRES 12/90	item 32) re Excluding			ses and) on the job	45. CHECK I	TEM orted for this per	3	Į		Egringe-job-re	inted teacons	
30-CK.CHECK ITEM				ness, vocational,	Selt.	orted to this per	sanr	ļ		3. 110.1 (00-16		
School enrollment status (Transcribe from 26a)				correspondence	Paren							
Yes . (VERIFY 30)	courses?				Soous							
Ma 1.		Yes			1	relative						
Blank (ASK 30)		No			Nonre	elative.						
30. ls attending or enrolled in regular school?	37. Was att	tendina ar	enrolled i	n a regular school	 							
Yes (ASK 37)				it is, October								
No _ (SKIP to 36)	of last year	r?		_	}							
31. Is enrolled in public or private school?	7		(ASK 38		İ			i				
Public	<u> </u>		(SKIP to		1							
Private	38. What grade		nsac	ending last year?								
32. What grade or year is attending?	٦,	2 3 4		8								
Elementary												
1 2 3 4 5 6 7 8												
	1		School .		1							
High School	!	9 10										
9 IO 11 12 (GO to 37)	ŀ		: :	_				ļ				
)	1	Col	lege	_				l				
	2.	1 22 23	24 25	26				ļ				
Callege	-	: 2 2	: =	\$				1				
21 22 23 24 25 26					1			l				
5 1 1 5 3	39. CHECK IT	EM										
(If entry in 26b	Entry	of "1–12"	in Item 31	2] (GO to 45)					,			
SKIP TO item 34, OTHERWISE, ask Item 33)								ŀ	// th/s	is the last person	5+ years of age in the	
	All oth	ers		⊃ (Fill 40)					90 to 4	tage 2 and comple	13+ years at age in the te items 46-55 as appi	mausanoid, licable
								1		children 0-14 ye		,

18. LINE NUMBER	20. Did do any work at all LAST WEEK, not counting		22. (If LK in 19. Skip to 22A.)	. 24. CHECK ITEM	_
	work around the house?		Has been looking for work	(Ratation number)	
19. What was doing most	(Note: If farm or business	business from which he/she	during the past 4 weeks?	First digit of SEGMENT number (s:	25. CHECK ITEM
of LAST WEEK -		was temporarily absent or	√ Yes No (Go to 24)	The second secon	Rotation numbers
Working	operator in hh., ase about	i an layoff LAST WEEK?	/	1. 2, 3, 5, 6, or 7 (Skip to 26)	First digit of SEGMENT
) Keeping house	unpaid work.)	1 400 400 400 400	22A. What has been doing in the la-	#1 4 or 8 /Go to 24A)	number is:
Going to school	2 es No (Go to 21)	/es No (Go to 22)	The same to the same that the same to	24A, When did last work for pay at a	7756 7751
or something eise?	<u> </u>	21A. Why was apsent from	methods used; do not read list.)	regular inh as her work for pay at a	2, 3, 5, 6, or 7 (Skip to 4 or 8 (Go to 25.4)
	20A. How many hours	work LAST WEEK?	Checked pub. employ, agency	regular job or business, either full-or part-time?	1 40/8 (00/8/254)
Warking (Skip to 204) WK	didwork .	HOIR CHAI MEEK!	with- cvt, emotov agency	i	25A. How many hours
With a job but not at work J	LAST WEEK	Own illness	employer girectly ,	Within past 12 months	per week does
Looking for work LK	j at all yubs?	i	*Hends or relatives	1 co to 2 years ago	USUALLY
Keeping nouse	i ———	On vacation.	Placed or answered ads	2 up to 3 years ago . (Go to 24	Work at this job?
Going to schoot	208. CHECK ITEM .		Nothing (Skip to 24)	3 up to 4 years ago	. Hork at this judy
Unable to work (Skip to 24), .U	1 .	Bad weather	Other (Specify in notes, e. #.	4 up to 5 years ago	•
Retired	19 (Skip to)	I DO WESTIEL	/TPA, union or prof.	5 or more years ago.	
Other (Specify) OT	/tem 23)	Lapor dispute	register, etc.).	Never worked (Skip to 24C)	
•	1-34 (Go to	Cabor dispute	228. At the time started looking		
	20C)	New roc to begin /5	for work, was it because he/she	.1	
	35-48 (Go to 20D)	- 13800 10	lost or suit a tax .	rersonal, ramily	1
		: within 30 days 228 and 22C2)	some other reason?	finct, pregnancy) or school	<u> </u>
	200. Did iose any time or	Temporary layors	• Lost job .	Health, .	258. Is paid by the hour
	take any time off LAST	(Under 30 days)			an this job?
	WEEK for any reason	1	Left school	Betirement or old age .	i .
	such as illness, holiday	Indefinite layoff (Skip	Wanted temporary work.	Seasonal job completed	
OC Does DOUGLOSS	or slack work?	(30 days or more to			No (Skip to 250)
OC. Does USUALLY work 35		of no def. recall \ 22C3)		 Slack work or business conditions 	250. How much Deliars Ce
hours or more a week at this job?) es How many hours	'	Or family responsibilities	Temporary	. 250. How much Dollars Cell does
Yes What is the reason	did take off? →	Other (Specify)	Left military service	nonseasonal ion completed.	eam
	<i>,</i>	`	Other (Specify in nates)	Unsatisfactory work 3/(angements (Hours, pay, etc.)	1
worked less than 35 hours LAST WEEK?			22C, 1) How many weeks	The control of the co	per hour?
22 HOURS CAST MEEK!	/Correct 20A if lost time	21B. is receiving wages	nasbeen looking	•	;
No. What is the reamon	not aiready deducted;	or salety from his/her	for work?	24C. Does want a regular job now,	→
	if 20A reduced below 35,	employer for any of the		i either full-or part-time?	S ÷
USUALLY works	correct 208 and fill 20C)	time off LAST WEEK?	2) How many weeks ago	Yes	
less than 35 hours a week?	-		did start looking	Maybe — it depends (Go to 240)	ļ
	No —	Yes	for work?	(Specify in notes)	!
(Mark the appropriate reason)	/	Nα	O MOIR!	Dan't know IShip to 24E	ı' 🔳
Class	208. Did work any overtime	140	7) How	Don't know	200
Slack work	or at more than one joo		3) How many weeks ago	24D. What are the reasons is not	
Material shortage		21C. Does usually work	waslaid off?	looking for work?	25D. How much does
	i	35 hours or more a week	220. Has been looking for full-time	(Mark each reason mentioned)	USUALLY
Plant or machine repair	Yes How many extra	at this job?	or part-time work?	OCHETES HO WOLK	i sam per week
New job started during week	hours didwork?	- Lana long	Full . Part .	available in line of work or area	at this job
	· /	Yes .		 Couldn't ting any work 	BEFORE
Job terminated during week			22E, Could have taken a job LAST	 Lacksinec, schooling, 	deductions?
Could find only part-time work	(Cornect 20A and 20B as	710	WEEK if one had been offered?	training, skills or excerience	Include any
	necessary if extra nours	1	Yes No Whycot?	 Employers 	overtime pay,
Holidav (Legal or religious:	not already included and	(Skip to 23 and enter job	* · · · · · · · · · · · · · · · · · · ·	think too young or too old	commissions,
Labor dispute	skip to 23.)	held last ween)	Aiready has a job	 Other pers, hangicap in finding job 	Or tips usually
. ,	No.	THE CHAIN WEEK)	Temporary stress		received,
Bad weatner	(Ship to 23)	-	Going to school	 Can : arrange <u>child care</u> 	<u> </u>
Own illness			Other (Specify in notes)	Family responsibilities	REF
.	O INDUSTRY	OCCUPATION			
ੌਾ vacation	F		22F, When did last work at a full-time job or outliness lasting	 In school or other training 	25E. On this job, is a membe
Too busy with nousework.	1	i	2 consecutive weeks or more?	(II health, physical disability.	of a labor union or of an
nchoot personal bus , etc	č	!	Within last 12 months (Specify)		employee association similar
Did not want full-time work,	Ε		(Month)	Other (Specify in nates)	to a union?
Full-time work week	υ	İ		Den't know	Yes (Skip to 26)
under 35 hours	<u> </u>		One to five years ago	·	No (Ask 25F)
Other reason (Specify).	E		More than 5 years ago	24E. Does intend to look for work	
*	0		full-time 2 wks or more	of any kind in the next 12 months?	25F. On this job, is covered
ļ	N	i	Never worked at all	Yes .	by a union or employee
I	L *		(SKIP to 23. If layoff entered in 21A.	II depends (Specify in notes)	association contract?
	Ref. R.	et o	enter job, either full or part time from	No	
(Skip to 23 and enter job worked at last week)		c. 3	which fold off. Else enter lost full time job lasting 2 weeks or more, or	Don't know	Yes (Go to 26)
I. DESCRIPTION OF JOB OR BUSIN		-	"never worked.")	(If entry in 248, describe job in 23, otherwise, skip to 26)	No 5 (100 10 20)
A. For whom did , work? (Name of	company, business, organization or	other employer,)	23E. Was this person		
				ATC C-	23F. CHECK ITEM
			An employee of a PRIV	ATÉ Co, r wages, salary or comm, P	
B. What kind of business or industry i	s this? (For example: TV and radio:	mig., retail shoe store Store Labor	O-ex I	1 2 .	Entry for NAV
		Sible Lobor	LDCDAL governme	nt employee F - Care	Entry for NA)
			: A STATE government a	moloyee S - 23F1	(Go to 2)
C. What kind of work was doing?	(For example: electrical engineer, ti	ock clerk, typist former	A LOCAL government in	employee	at top a
		· · · · · · · · · · · · · · · · · · ·			Entry (or NA) page)
			Self-empt, in OWN bus ,	prof. practice, or farm	10 UEW 7 C
3. What were's most important ac	twities or duties at this job? (For a	Yamnie: types &corr	s the business incor	oorated? (Tes)	
D. What were's most important ac sells cars, operates printing press, fla	trvities or duties at this job? (For a ishes concrete.)	xample: types, keeps occount book		oorated) Yes 5 No SE O	All other came 1 /this
), What were's most important ac sells cars, operates printing press, fin	twities or duties at this job? (For a sisks concrete.)	xample: types, keeps account book	Working WITHOUT PA	Ocrated) Tes	All other cases 👶 (Skip to 26

18A,	18B. RELATIONSHIP TO REFERENCE P	ERSON	18C.	18D.	18E. MARITAL	18F.	18G1. SEX			, -		
NO.	Ref. Person WITH rel. in Hihld	01 _	PARS	AGE	STATUS	SPOUSE'S	i	18H, HIGI GRA				
NO.	Ref. person with NO ref. in H'hld ,	02 0	LINE	!	Married -	LINE	Male (ENDED	181. GRADE	18J. RACE	: 18K.
1	Husbang		NO.	=	sobuse	NUMBER]		COMPLETED		ORIGI
i .	Wife		1 3	_	present	,	18G2. VETERAN STATUS			Yes	White	İ
	Step Child] :	1 : :	Marrieo spouse	1	Veteran — 7	Į		i	Slack	
	Grandchild	7	٤	1 -	absent	- -	,			10	∴mer, Ingian.	1
li	Parent				(Exclude segrated)	.	Vietnam Era				≟leut Eskimo	
	Brother/Sister	09]		5 5			Korean War World War II	1			Asian or	İ
	Other Rei of Ref. Person		-	1 3 5	Widowed Divorced		World War I				Pacific Ist.,	
	Foster Child		;	-	Separated	İ	Other Service					i
	Non-rel, or Ref, Person WITH OWN rel in Hihld	12			Never		Nonveieran	İ			Other	-
] '	Partner/Roommate	13 -	None	· ·	married	Nane i	Oriveletati			ļ		
	Non-rei, of Ref. Person (other than part roommate) with NO OWN ref. in Hib	rner/				The state of	_		l	;		}
36 5115	CK ITEM	10,14		1	· -	1 .	-					
	CK ITEM scribe from control card item 18)	33. fs att	ending calle	ge full-tim	e or part-time?	40. CHECK I	TEM					┸
	Derson is	III	ull time		,					HECK ITEM		
	-24 years or age _ (AsA 26A)	- Pa	art time				·				36 is "Yes", ask 458)	
AII	others (Skip to 26C)	24 1- 1-				-	ige 25+ (GO to 45)			f onswer to item ;	iố is "No", end questi	onsi
26A.///	School in 19. Verify) LAST WEEK	Or univer		lege or a fo	our-year college				458. W	ha provides the	instruction for the b	Lutidaes .
scr	s attending or enrolled in a high nool, college, or university?	1!				41. CHECK I	_		¥	ocational, techni	cal, or correspondence	e course(s)
(34)	ore "Yes" if currently on holiday or	11	r college Immunity o	t innier ce	tions)		oot Graduate tentries and "yes" in CC items			2 or contede		- -
sun	sonal vacation, Mark "No" for mer vacation).		College or				23b OR entry or				Of turnor conetex	
,	es (Verify) No (Skipto					T2126	" in CC item 23a). 75	KIP to 43)		- recitere or i		
	J 26Ci		ree or certif:	icate is	currently working	Not High	School graduate //4	SK 42)		- ocational, trad		
	nigh school . (Ask 268)	toward?						21, 427		rennical, er Ter school	Dusiness school	
·			iate degree (AAI		42. In what o	elendar year did last attend				ate of novernment;	
208.15 or p	. enrolled in school as a full-time art-time student?		Cupational neral Arts ar	nd Science		regular sc				Frivate Dusiness		
	Full time . 1	Sacher		id deletice		1990	. 1	ĺ	_	GOVERNMENT BOO	encv	
	Part time (Fill 26C)	Master.	· '5			1989 or			_	C-er non-scho	01	
26C CUE	CX ITEM. Who responded to the		rate (PhO).			Never a	ttendeg	1	45 C. Is	attending thi	usinesi, vocational, or	
labo	or force items for this person?	Protes			_				cl	asses full time or	Part time?	r technical;
			D, DDS, DV License.	M, Law, e	IC.)		iendar year old complete i	ign school?		full time		
	Sail 2 /		License, iloma, or Ce	rtificate		1990				Part time		
	Other Self/Other		orking towa			1989 or	before	1		Correspondence	school	
		fjus	t taking cou			64 Did			450 W	Naz is 't maio	reason for taking the	
	ER: ASK THE LABOR FORCE QUESTIONS		100, ar owi	user		equivalenc	mplete high school by means or test, such as the GED?	of an	vo	Cational, technic	el, or correspondence	(Dusiness
	HOUSEHOLD MEMBERS 15+ YEARS OLD	P					Yes	1) improve or i		ii craurseisii
DE! ONE	ASKING THE SUPPLEMENT QUESTIONS	26 4/075 5			- 	1	No H	!			or occupation .	
	SUPPLEMENT QUESTIONS		r persons en: ad the porer		ollege (21 – 26 in	40				Train for ney	ion or	
	ED. O.M.B. NO. 0607-0464 EXPIRES 12/90				es and) on the job	45. CHECK IT				decupation		
	HECK ITEM	training, is	taking :	any busine	ss, vocational,	J.	ted for this person?	L		Ecc non-log-reta	ited reasons	
School	oi enrollment status (Transcribe irom 26a)	technical,	secretarial, 1	rade or co	rrespondence	Sell. Parent		1				
	Yes (VERIFY 30)	courses?				Spoose		ļ				
	No : (1728777507 Blank (45K30)		Yes			Other r	elative					
	Blank (ASK 30)	1	No			Vonrei;	Itive .	ļ				
30.15	attending or enrolled in regular school?	37. Wat att	tending or e	nrolled in	a regular school	<u> </u>						
	Yes . (ASK 31)	or college :	in October 1	989, that	is. October		-					
	No . (SKIP to 36)	of last year	r?		_			į				i
31. 15	enrolled in public or private school?	1	Yes .									
	Public	<u> </u>	Na.	(SKIP to 3	19)			ĺ				j I
	Private	38. What grade	or year wa	iatten	iding last year?							
27.110			Elemen	tary								
JZ. What i	grade or year is attending?	1	2 3 4	5 6 7 8	3							
	Elementary	1	2 2 2		:							
	1 2 3 4 5 6 7 8		High Sc	hoal								
	1333555		9 10 1					1				İ
	High School (GO to 37)											
	9 10 11 12 (100 1037)		Coffe	~				1				l
	- : : : !			_								J
	College	1	22 23									f
	21 22 23 24 25 26]	3 ;	1 1	Ξ.			j				}
		39. CHECK IT			-							j
	• -	SS. GRECK III	C MI									
SKIPT	(If entry in 26b TO item 34, OTHERWISE, ask item 33)	Entry o	1 "1→12" in	item 32 .	. 3 (GO to 45)							i
200 1	Ja, Grinelande, Est Hem 33)							-				
		All othe	YS		. © (Fill 40)				r unis is b	ne iast person 15: 2 and commit-	years or age in the no	susenoid.
									or any ch	i 2 and complete i uidren 0–14 year:	items 46-55 as opplica Indd	able.
									., .,	,		

100

ATTACHMENT 12

Detailed Industry Classification Codes

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

Code	Industries
000-009 010-031 010 011 012-019 020 021 022-029 030 031	not used AGRICULTURE, FORESTRY, AND FISHERIES Agricultural production, crops (01) Agricultural production, livestock (02) not used Agricultural services, except horticultural (07, except 078) Horticultural services (078) not used Forestry (08) Fishing, hunting, and trapping (09)
032-039	not used
040-050 040 041 042 043-049 050 051-059	MINING Metal mining (10) Coal mining (11,12) Crude petroleum and natural gas extraction (13) not used Nonmetallic mining and quarrying, except fuel (14) not used
060 061-099	CONSTRUCTION (15, 16, 17) not used
100-392 100-222 100-122 100 101 102 103-109 110 111 112 113-119 120 121 122 123-129 130 131 132-150	MANUFACTURING Nondurable Goods Food and kindred products Meat products (201) Dairy products (202) Canned and preserved fruits and vegetables (203) not used Grain mill products (204) Bakery products (205) Sugar and confectionery products (206) not used Beverage industries (208) Miscellaneous food preparations and kindred products (207, 209) Not specified food industries not used Tobacco manufactures (21) not used Textile mill products
132 133-139 140 141 142 143-149	Knitting mills (225) not used Dyeing and finishing textiles, except wool and knit goods (226) Floor coverings, except hard surface (227) Yarn, thread, and fabric mills (228, 221-224) not used

Code	Industries
150	Miscellaneous textile mill products (229)
151-152	Apparel and other finished textile products
151	Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
153-159	not used
160 -162	Paper and allied products
160	Pulp, paper, and paperboard mills (261-263, 266)
161	Miscellaneous paper and pulp products (264)
162	Paperboard containers and boxes (265)
163-170	not used
171-172	Printing, publishing, and allied industries
171	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
173-179	not used
180-192	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
183-189	not used
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
193-199	not used
200-201	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
202-209	not used
210-212	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-304, 306)
212	Miscellaneous plastics products (307)
213-219	not used
220-222	Leather and leather products
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)
223-229	not used
230-391 230-241	Durable Goods
230-241	Lumber and wood products, except furniture
231	Logging (241)
232	Sawmills, planning mills, and millwork (242, 243)
233-240	Wood buildings and mobile homes (245) not used
241	
242	Miscellaneous wood products (244, 249)
243-249	Furniture and fixtures (25) not used
250-262	Stone, clay, glass, and concrete products
250	Glass and glass products (321-323)
251	
252	Cement, concrete, gypsum, and plaster products (324, 327) Structural clay products (325)
253-260	not used
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329)
263-269	not used
270-301	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
	and mining intito (551)

Code	Industries
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3361)
273-279	not used
280	Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281	Cutlery, handtools, and other hardware, (342)
282	Fabricated structural metal products (344)
283-289	not used
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292 293-299	Ordnance (348)
300	not used Miscellaneous febricated metal anadusts (241, 242, 247, 240)
301	Miscellaneous fabricated metal products (341, 343, 347, 349)
302-309	Not specified metal industries not used
310-332	Machinery, except electrical
310 332	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
313-319	not used
320	Metalworking machinery (354)
321	Office and accounting machines (357, except 3573)
322	Electronic computing equipment (3573)
323-330	not used
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
333-339	not used
340-350	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341 342	Radio, T.V. and communication equipment (365, 366)
343-349	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369) not used
350	Not specified electrical machinery, equipment, and supplies
351 - 370	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
353-359	not used
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
363-369	not used
370	Cycles and miscellaneous transportation equipment (375, 379)
371-382	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
373-379 380	not used Photographic equipment and supplies (386)
381	Photographic equipment and supplies (386) Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment
383-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries

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

Code	Industries
393-399	not used
400-472 400-432 400	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES Transportation Railroads (40)
401 402	Bus service and urban transit (41 except 412) Taxicab service (412)
403-409 410	not used Trucking service (421, 423)
411 412	Warehousing and storage (422) U.S. Postal Service (43)
413-419 420	not used
421	Water transportation (44) Air transportation (45)
422 423-431	Pipe lines, except natural gas (46) not used
432	Services incidental to transportation (47)
433-439 440-442	not used Communications
440 441	Radio and television broadcasting (483)
442	Telephone (wire and radio) (481) Telegraph and miscellaneous communication services (482, 489)
443-459 460-472	not used Utilities and sanitary services
460	Electric light and power (491)
461 462	Gas and steam supply systems (492, 496) Electric and gas, and other combinations (493)
463-469 470	not used
471	Water supply and irrigation (494, 497) Sanitary services (495)
472 473-479	Not specified utilities not used
500-571	
500-532	WHOLESALE TRADE Durable Goods
500 501	Motor vehicles and equipment (501) Furniture and home furnishings (502)
502	Lumber and construction materials (503)
503-509 510	not used Sporting goods, toys, and hobby goods (504)
511 512	Metals and minerals, except petroleum (505) Electrical goods (506)
513-520	not used
521 522	Hardware, plumbing and heating supplies (507) Not specified electrical and hardware products
523-529 530	not used Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532 533-539	Miscellaneous wholesale, durable goods (5094, 5099) not used
540-571 540	Nondurable Goods Paper and paper products (511)
541	Paper and paper products (511) Drugs, chemicals, and allied products (512, 516)
542 543-549	Apparel, fabrics, and notions (513) not used
550	Groceries and related products (514)

Code	Industries
551 552 553-559	Farm products - raw materials (515) Petroleum products (517) not used
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562 563-570	Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
503-570 571	not used Not specified wholesale trade
572-579	not used
580-691	RETAIL TRADE
580	Lumber and building material retailing (521, 523)
581	hardware stores (525)
582 583-589	retail nurseries and garden stores (526) not used
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
593-599	not used
600 601	Miscellaneous general merchandise stores (539)
602	Grocery stores (541) 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)
613-619 620	not used
621	Auto and home supply stores (553) Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623-629	not used
630	Apparel and accessory stores, except shoe (56, except 566)
631 632	Shoe stores (566)
633-639	Furniture and home furnishings stores (571) not used
640	Household appliances, TV, and radio stores (572, 573)
641	Eating and drinking places (58)
642	Drug stores (591)
643-649	not used
650 651	Liquor stores (592) Sporting goods higgsless and habby stores (5041, 5045, 5046)
652	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946) Book and stationery stores (5942, 5943)
653-659	not used
660	Jewelry stores (5944)
661	Sewing, needlework, and piece goods stores (5949)
662	Mail order houses (5961)
663-669 670	not used Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel and ice dealers (598)
673-680	not used
681	Retail florists (5992)
682 683-690	Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
691	not used Not specified retail trade
692-699	not used

Code	Industries
700-712 700 701 702 703-709 710 711 712 713-720	FINANCE, INSURANCE, AND REAL ESTATE Banking (60) Savings and loan associations (612) Credit agencies, n.e.c. (61, except 612) not used Security, commodity brokerage, and investment companies (62, 67) Insurance (63, 64) Real estate: including real estate-insurance-law offices (65, 66) not used
721-760 721 722 723-729 730 731 732 733-739 740 741 742 743-749 750 751 752 753-759 760	BUSINESS AND REPAIR SERVICES Advertising (731) Services to dwellings and other buildings (734) not used Commercial research, development, and testing labs (7391, 7397) Personnel supply services (736) Business management and consulting services (7392) not used Computer and data processing services (737) Detective and protective services (7393) Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399) not used Automotive services, except repair (751, 752, 754) Automotive repair shops (753) Electrical repair shops (762, 7694) not used Miscellaneous repair services (763, 764, 7692, 7699)
761-791 761 762 763-769 770 771 772 773-779 780 781 782 783-789 790 791 792-799	PERSONAL SERVICES Private households (88) Hotels and motels (701) not used Lodging places, except hotels and motels (702, 703, 704) Laundry, cleaning, and garment services (721) Beauty shops (723) not used Barber shops (724) Funeral service and crematories (726) Shoe repair shops (725) not used Dressmaking shops (part 729) Miscellaneous personal services (722, part 729) not used
800-802 800 801 802 803-811	ENTERTAINMENT AND RECREATION SERVICES Theaters and motion pictures (78, 792) Bowling alleys, billiard and pool parlors (793) Miscellaneous entertainment and recreation services (791, 794, 799) not used
812-892 812 813-819 820 821	PROFESSIONAL AND RELATED SERVICES Offices of physicians (801, 803) not used Offices of dentists (802) Offices of chiropractors (8041)

Code	Industries
822	Offices of optometrists (8042)
823-829	not used
830	Offices of health practitioners, n.e.c. (8049)
831	Hospitals (806)
832	Nursing and personal care facilities (805)
833-839	not used
840	Health services, n.e.c. (807, 808, 809)
841	Legal services (81)
842	Elementary and secondary schools (821)
843-849	not used
850	Colleges and universities (822)
851	Business, trade, and vocational schools (824)
852	Libraries (823)
853-859	not used
860	Educational services, n.e.c. (829)
861	Job training and vocational rehabilitation services (833)
862	Child day care services (835)
863-869	not used
870	Residential care facilities, without nursing (836)
871	Social services, n.e.c. (832, 839)
872	Museums, art galleries, and zoos (84)
873-879	not used
880	Religious organizations (866)
881	Membership organizations (861-865, 869)
882	Engineering, architectural, and surveying services (891)
883-889	not used
890	Accounting, auditing, and bookkeeping services (893)
891	Noncommercial educational and scientific research (892)
892	Miscellaneous professional and related services (899)
893-889	not used
000 022	DUDUIO ADMINISTRATION
900-932	PUBLIC ADMINISTRATION Financial and legislating (211, 212)
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
921 922	Public finance, taxation, and monetary policy (93)
922-929	Administration of human resources programs (94)
930	not used
931	Administration of environmental quality and housing programs (95)
932	Administration of economic programs (96)
933-990	National security and international affairs (97) not used
991	
771	Assigned to persons whose labor force status is unemployed and whose last job was Armed Forces.
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Detailed Industry Recodes (01-51)

Detailed Industry	Recode	Industry Code
Agriculture Service	-	
	01	020-021
Other Agriculture	02	010-011
Mining	03	040-050
Construction	04	060
Manufacturing (Durable Goods) Lumber and wood products, except furniture		
Furniture and fixtures	05	230-241
Stone clay, glass, and concrete product	06	242
Primary metals	07	250-262
Fabricated metal	08	270-280
Not specified metal industries	09	281-300
Machinery, except electrical	10	301
Electrical machinery, equipment, and supplies	11	310-332
Motor vehicles and equipment	12	340-350
Aircraft and parts	13	351
Other transportation equipment	14	352
Professional and photographic equipment, and watches	15	360-370
	16	371-382
Toys, amusements, and sporting goods Miscellaneous and not specified manufacturing	17	390
industries	18	391-392
Manufacturing (Nondurable Goods)		
Food and kindred products	10	
Tobacco manufactures	19 20	100-122
Textile mill products	20	130
Apparel and other finished textile products	21	132-150
Paper and allied products	22	151-152
Printing, publishing and allied industries	23	160-162
Chemicals and allied products	24	171-172
<u>-</u>	25	180-192
Petroleum and coal products	26	200-201
Rubber and miscellaneous plastics products	27	210-212
Leather and leather products	28	220-222
Transportation	29	400-432
Communications	30	440-442
Utilities and Sanitary Services	31	460-472
Wholesale Trade	32	500-571
Retail Trade	33	580-691
Banking and Other Finance	34	
Insurance and Real Estate	35	700-710 711-712
Private Household Services	36	761
Business Services	37	761 721 742
Repair Services	38	721-742 750 760
Personal Services, Except Private Household	36 39	750-760 760-701
1	Jy	762-791

Detailed Industry	Recode	Industry Code
Entertainment and Recreation Services Hospitals Health Services, Except Hospitals	40 41 42	800-802 831 812-830
Educational Services Social Services Other Professional Services	43 44 45	832-840 842-860 861-871 841,872-892
Forestry and Fisheries	46	030-031
Justice, Public Order and Safety Administration of Human Resource Programs National Security and Internal Affairs Other Public Administration	47 48 49 50	910 922 932 901
Armed Forces	51	991

Major Industry Recodes (01-14)

Major Industry	Recode	Industry Code
Agriculture, Forestry, and Fisheries	01	10-31
Mining	02	40-50
Construction	03	60
Manufacturing (Durable Goods) Nondurable Goods	04 05	230-392 100-222
Transportation, Communications and Other Public Utilities	06	400-472
Wholesale Trade	07	500-571
Retail Trade	08	580-691
Finance, Insurance, and Real Estate	09	700-712
Business and Repair Services	10	721-760
Personal Services Including Private Households	11	761-791
Entertainment and Recreation Services	12	800-802
Professional and Related Services	13	812-892
Public Administration	14	900-932

ATTACHMENT 13

Occupational Classification Codes for Detailed Occupational Categories

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

Code	Occupations
000-002	not used
003-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
003-037	Executive, Administrative, and Managerial Occupations
003	Legislators (111)
004	
005	Chief executives and general administrators, public administration (112) 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	Managers, properties and real estate (1353)
017	Postmasters and mail superintendents (1344)
018	Funeral directors (pt 1359)
019	Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359)
020-022	not used
023-037	Management Related Occupations
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
030-032	not used
033	Purchasing agents and buyers, n.e.c. (144)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, exc. construction (1473)
037	Management related occupations, n.e.c. (149)
038-042	not used
043-199	Professional Specialty Occupations
043-063	Engineers, Architects, and Surveyors
043	Architects (161)
044-059	Engineers
044	Aerospace (1622)
045	Metallurgical and materials (1623)
046	Mining (1624)
047 048	Petroleum (1625)
049	Chemical (1626)
050-052	Nuclear (1627)
050-052	not used
000	Civil (1628)
	\cdot

Code	Occupations
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)
067 068	Statisticians (1733)
069-083	Mathematical scientists, n.e.c. (1739)
069	Natural Scientists
070-072	Physicists and astronomers (1842, 1843)
073	not used
074	Chemists, except biochemists (1845)
075	Atmospheric and space scientists (1846) Geologists and geodeists (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
095 096	Registered nurses (29)
090	Pharmacists (301)
098-105	Dietitians (302)
098	Therapists
099	Inhalation therapists (3031) Occupational therapists (3032)
100-102	not used
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (3040
107-112	not used
113-154	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
120-122	not used

Code	Occupations
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
130-132	not used
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
140-142	not used
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
150-152	not used
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-159	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
160-162	not used
163	Counselors, educational and vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)
174-177	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
178-179	Lawyers and Judges
178	Lawyers (211)
179	Judges (212)
180-182	not used
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 artists print-makers (325) 190-192 not used 193 Dancers (327) 194 Artists, performers, and related workers, n.e.c. (328, 329) 195 Editors an reporters (331) 196 not used 197 Public relations specialists (332) 198 Announcers (333) 199 Athletes (34) 190 Athletes (34) 190 Announcers (333) 199 Athletes (34) 190 Athlet	Code	Occupations
Musicians and composers (323) 187 Actors and directors (324) 188 Painters, sculptors, craft-artists, and artists print-makers (325) 190-192 not used 193 Dancers (327) 194 Artists, performers, and related workers, n.e.c. (328, 329) 195 Editors an reporters (331) 196 not used 197 Public relations specialists (332) Announcers (333) 199 Athletes (34) 200-202 188 Announcers (333) 199 Athletes (34) 201-202 198 Announcers (333) Athletes (34) 201-202 198 Announcers (333) Athletes (34) 201-202 198 Announcers (333) Athletes (34) 201-202 199 10-102 10-1	185	Designers (322)
187 Actors and directors (324) 188 Painters, sculptors, craft-artists, and artists print-makers (325) 189 Photographers (326) 190-192 not used 191 Dancers (327) 194 Artists, performers, and related workers, n.e.c. (328, 329) 195 Editors an reporters (331) 196 not used 197 Public relations specialists (332) 198 Announcers (333) 199 Athletes (34) 190 Athletes (34) 190 Athletes (34) 190 Athletes (34) 190 Athletes (34) 191 Announcers (333) 192 Announcers (333) 193 Athletes (34) 194 Announcers (333) 195 Athletes (34) 196 Announcers (333) 197 Athletes (34) 198 Announcers (333) 199 Athletes (34) 199 Athletes (34) 190 Athletes (34) 190 Announcers (333) 199 Athletes (34) 190 Athletes (34) 190 Announcers (336) 190 Athletes (34) 190 Athletes (35) 190 Athletes (34) 190 Athletes (35) 190	186	
Painters, sculptors, craft-artists, and artists print-makers (325) 190-192 not used 193 Dancers (327) 194 Artists, performers, and related workers, n.e.c. (328, 329) 195 Editors an reporters (331) 196 not used 197 Public relations specialists (332) 189 Announcers (333) 199 Athletes (34) 190 Athletes (34) 190 Athletes (34) 190 Athletes (34) 190 Athletes (34) 191 Athletes (34) 192 Announcers (333) 193 Athletes (34) 194 Athletes (34) 195 Athletes (34) 196 Athletes (34) 197 Athletes (34) 198 Athletes (34) 199 Athletes (34) 199 Athletes (34) 199 Athletes (34) 190 Athletes (36) 190 Athle	187	Actors and directors (324)
Photographers (326) 190-192 not used Dancers (327) Editors an reporters (331) Dancers (327) Dancers (327) Dancers (327) Editors an reporters (331) Detail on tused Public relations specialists (332) Announcers (333) Announcers (333) Announcers (333) Announcers (333) Announcers (333) Announcers (333) Announcers (333) Announcers (333) Detail of the secondary of the seconda	188	
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Code	Occupations
257	Sales occupations, other business services (4152)
258-259	Sales Reprensentatives, Commodities Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	not used
263-278	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)
268 269	Sales workers, hardware and building supplies (4353)
209 270-273	Sales workers, parts (4367) not used
274	
275	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369) Sales counter clerks (4363)
276	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
279-282	not used
283-285	Sales Related Occupations
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
286-302	not used
303-389	Administrative Support Occupations, Including Clerical
303-307	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4515, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
308-309	Computer Equipment Operators
308 309	Computer operators (4612)
310-312	Peripheral equipment operators (4613)
313-315	not used Secretaries Stangarenhars and Typists
313-313	Secretaries, Stenographers and Typists Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
316-323	Information Clerks
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
320-322	not used
323	Information clerks, n.e.c. (4649)
324	not used
325-336	Records Processing Occupation, Except Financial
325	Classified-ad clerks (4662)
326	Correspondence clerks (4663)
327	Order clerks (4664)
328	Personnel clerks, except payroll and timekeeping (4692)
329	Library clerks (4694)
330-334	not used File clores (4606)
335	File clerks (4696)

Code	Occupations
336	Records clerks (4699)
337-344	Financial Records Processing Occupations
337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
340-342	not used
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
345-347	Duplicating, Mail and Other Machine Operators
345	Duplicating machine operators (4722)
346	Mail preparing and paper handling machine operators (4723)
347	Office machine operators, n.e.c. (4729)
348-353	Communications Equipment Operators
348	Telephone operators (4732)
349	Telegraphers (4733)
350-352	not used
353	Communications equipment operators, n.e.c. (4793)
354-357	
354	Postal clerks, exc. mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, exc. postal service (4744)
357	Messengers (4745)
358	not used
359-374 359	Material Recording, Scheduling, and Distributing Clerks, n.e.c.
360-362	Dispatchers (4751) not used
363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
367	not used
368	Weighers, measurers, and checkers (4756)
369	Samplers (4757)
370-372	not used
373	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) Miscellaneous Administrative Support Occupations
379-389 379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
403-469	SERVICE OCCUPATIONS
403-407	Private Household Occupations
403	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 418 Police and detectives 423 Sheriffs, bailiffs, and other law enforcement officers (5134) 424 Correctional institution officers (5133) 425-427 Guards 425 Crossing guards (5142) 426 Guards and police, exc., public service (5144) 427 Protective service occupations, n.e.c. (5149) 433-469 Service Occupations, Except Protective and Household 433-444 Food preparation and service occupations 433 Supervisors, food preparation and service occupations (5211) 434 Bartenders (5212) 435 Waiters and waitresses (5213) 436 Cooks, except short order (5214) 437 Short-order cooks (5215) 438 Food counter, fountain and related occupations (5216) 439 Kitchen workers, food preparation (5217) 440-442 not used 443 Waiters'/waitresses' assistants (5218) 445-447 Health Service Occupations 445 Dental assistants (5232)
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437 Short-order cooks (5215) 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)
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)
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)
440-442 not used 443 Waiters'/waitresses' assistants (5218) 444 Miscellaneous food preparation occupations (5219) 445-447 Health Service Occupations 445 Dental assistants (5232)
443 Waiters'/waitresses' assistants (5218) 444 Miscellaneous food preparation occupations (5219) 445-447 Health Service Occupations 445 Dental assistants (5232)
444 Miscellaneous food preparation occupations (5219) 445-447 Health Service Occupations 445 Dental assistants (5232)
445-447 Health Service Occupations 445 Dental assistants (5232)
445 Dental assistants (5232)
446 Health aides, except nursing (5233)
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 (5244)
Janitors and cleaners (5244)
454 Elevator operators (5245) 455 Pest control occupations (5246)
455 Pest control occupations (5246) 456-469 Personal Service Occupations
456 Supervisors, personal service occupations (5251)
457 Barbers (5252)
458 Hairdressers and cosmetologists (5253)
Attendants, amusement and recreation facilities (5254)
460-462 not used
463 Guides (5255)
464 Ushers (5256)
Public transportation attendants (5257)
Baggage porters and bellhops (5262)
Welfare service aides (5263)
Child care workers, except private household (5264)

Code	Occupations
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
473-499	FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-476	Farm Operators and Managers
473	Farmers, except horticulture (5512, 5514)
474	Horticultural specialty farmers, (5515)
475	Managers, farms, except horticultural (5522-5524)
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 Supervisors, forestry and logging workers (571)
494	Forestry workers, except logging (572)
495 496	Timber cutting and logging occupations (573, 579)
490 497-499	Fishers, Hunters, and Trappers
497	Captains and other officers, fishing vessels (pt 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used
502	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503 503-549	Mechanics and Repairers
503-543	Supervisors, Mechanics and Repairers (60)
504	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505	Automobile mechanics (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine mechanic (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, exc. engine (6116) Heavy equipment mechanics (6117)
516 517	Farm equipment mechanics (6118)
517 518	Industrial machinery repairers (613)
518 519	Machinery maintenance occupations (614)
520-522	not used
523-533	Floatrical and Electronic Equipment Renairers
523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
524	not used

Code	Occupations
525	Data processing equipment repairers (6154)
526	Household appliance and power tool repairers (6156)
527	Telephone line installers and repairers (6157)
528	not used
529	Telephone installers and repairers (6158)
530-532	not used
533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534	Heating, air conditioning, and refrigeration mechanics (616)
535-549	Miscellaneous Mechanics and Repairers
535 536	Camera, watch, and musical instrument repairers (6171, 6172) 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
550-552 552-500	not used
553-599 553-558	Construction Trades Supervisors, Construction Occupations
553 553	Supervisors; brickmasons, stonemasons, and tile setters (6312)
554	Supervisors, carpenters and related workers (6313)
555	Supervisors, electricians and power transmission installers (6134)
556	Supervisors; painters, paperhangers, and plasterers (6315)
557	Supervisors: plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, n.e.c. (6311, 6318)
559-562	not used
563-599	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564 565	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565 566	Tile setters, hard and soft (6414, pt 6462) Carpet installers (pt 6462)
567	Carpet instancts (pt 6402) Carpenters (pt 6422)
568	not used
569	Carpenter apprentices (pt 6422)
570-572	not used
573	Drywall installers (6424)
574	not used
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577 579	Electrical power installers and repairers (6433)
578 579	not used Painters, construction and maintenance (6442)
580-582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
590-592	not used

Code	Occupations
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)
600-612	not used
613-617	Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil will (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)
618-632	not used
633-699	Precision Production Occupations
633	Supervisors, production occupations (67, 710
634-655	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
638	not used
639	Machinist apprentices (pt 6813) not used
640-642 643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6812)
647	Precious stones and metals workers (jewelers) (6822, 6866)
648	not used
649	Engravers, metal (6823)
650-652	not used
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenter (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used Precision Textile, Apparel, and Furnishings Machine Workers
666-674 666	Dressmakers (pt 6852, pt 7752)
667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-672	not used
673	Apparel and fabric patternmakers (6856)
674	Miscellaneous precision apparel and fabric workers (6859, pt 7752)
675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, pt 7477, pt 7677)
678	Dental laboratory and medical appliance technicians (6865)
679	Bookbinders (6844)
680-682	not used

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

Code	Occupations
738-749	Textile, Apparel and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	not used
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657)
748	Laundering and dry cleaning machine operators (6855, 7658)
749 750 750	Miscellaneous textile machine operators (7459, 7659)
750-752	not used Masking Operators, Asserted Materials
753-779 753	Machine Operators, Assorted Materials Cementing and gluing machine operators (7661)
753 754	Packaging and filling machine operators (7662, 7662)
75 4 755	Extruding and forming machine operators (7362, 7362)
756 756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758	Compressing and compacting machine operators (7646, 7667)
759	Painting and paint spraying machine operators (7669)
760-762	not used
763	Roasting and baking machine operators, food (7472, 7672)
764	Washing, cleaning, and pickling machine operators (7673)
765	Folding machine operators (7474, 7674)
766	Furnace, kiln, and oven operators, exc. food (7675)
767	not used
768	Crushing and grinding machine operators (pt 7477, pt 7677)
769	Slicing and cutting machine operators (7478, 7678)
770-772	not used
773	Motion picture projectionists (pt 7479) Photographic process machine operators (6863, 6868, 7671)
774 775-776	not used
773-770 777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
778	not used
779	Machine operators, not specified
780-782	not used
783-795	Fabricators, Assemblers, and Hand Working Occupations
783	Welders and cutters (7332, 7532, 7714)
784	Solderers and brazers (7333, 7533, 7717)
785	Assemblers (772, 774)
786	Hand cutting and trimming occupations (7753)
787	Hand molding, casting, and forming occupations (7754, 7755)
788	not used
789	Hand painting, coating, and decorating occupations (7756)
790-792	not used Head engraving and printing occupations (7757)
793 794	Hand engraving and printing occupations (7757) Hand grinding and polishing occupations (7758)
79 4 795	Miscellaneous hand working occupations (7759)
795 796 - 799	Production Inspectors, Testers, Samplers, and Weighers
796 796	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783)
798	Production samplers and weighers (784)
799	Graders and sorters, exc. agricultural (785)
800-802	not used
803-859	Transportation and Material Moving Occupations
803-814	Motor Vehicle Operators

Code	Occupations
803	Supervisors, motor vehicle operators (8111)
804	Truck drivers, heavy (8212, 8213)
805	Truck drivers, light (8214)
806	Driver-sales workers (8218)
807	not used
808	Bus drivers (8215)
809	Taxicab drivers and chauffeurs (8216)
810-812	not used
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)
815-822	not used
823-834	Transportation Occupations, Except Motor Vehicles
823-826	Rail Transportation Occupations
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
827	not used
828-834	Water Transportation Occupations
828	Ship captains and mates, except fishing boasts (pt 8241, 8242)
829	Sailors and deckhands (8243)
830-832	not used
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
835-842	not used Material Moving Equipment Operators
843-859 843	Supervisors, material moving equipment operators (812)
844	Operating engineers (8312)
845	Longshore equipment operators (8313)
846-847	not used
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
850-852	not used
853	Excavating and loading machine operators (8316)
854	not used
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
857-858	not used
859	Miscellaneous material moving equipment operators (8319)
860-862	not used Handlers, Equipment Cleaners, Helpers, and Laborers
863-889	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
863 864	Helpers, mechanics and repairers (863)
865-867	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
868	not used
869	Construction laborers (871)
870-872	not used
873	Production helpers (861, 862)
874	not used
875-883	Freight, Stock, and Material Handlers
875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)

Code	Occupations
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 occupation (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 labor force status is unemployed and whose last job was Armed
	Forces.

Detailed Occupation Recodes (01-46)

Detailed Occupation	Recode	Occupation Code
Administrators and Officials, Public Administration Other Executive, Administrators, and Managers Management Related Occupations	01 02 03	003-006 007-019 023-037
Engineers Mathematical and Computer Scientists Natural Scientists Health Diagnosing Occupations Health Assessment and Treating Occupations Teachers, College and University Teachers, Except College and University Lawyers and Judges Other Professional Specialty Occupations	04 05 06 07 08 09 10 11	044-059 064-068 069-083 084-089 095-106 113-154 155-159 178-179 043-063 163-177 183-199
Health Technologists and Technicians Engineering and Science Technicians Technicians, Except Health Engineering, and Science	13 14 15	203-208 213-225 226-235
Supervisors and Proprietors, Sales Occupations Sales Representatives, Finance,	16	243
and Business Service Sales Representatives, Commodities, Except Retail Sales Workers, Retail and	17 18	253-257 258-259
Personal Services Sales Related Occupations	19 20	263-278 283-285
Supervisors - Administrative Support Computer Equipment Operators Secretaries, Stenographers, and Typists Financial Records, Processing Occupations Mail and Message Distributing Other Administrative Support Occupations, Including Clerical	21 22 23 24 25	303-307 308-309 313-315 337-344 354-357
Private Household Service Occupations Protective Service Occupations Food Service Occupations Health Service Occupations Cleaning and Building Service Occupations Personal Service Occupations	27 28 29 30 31 32	403-407 413-427 433-444 445-447 448-455 456-469
Mechanics and Repairers Construction Trades Other Precision Production Occupations	33 34 35	503-549 553-599 613-699

Detailed Occupation	Recode	Occupation Code
Machine Operators and Tenders,		
Except Precision	36	703-779
Fabricators, Assemblers, Inspectors,		, 05
and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations		333 31.
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	863-867
		873, 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, Currently Civilian	46	905

Major Occupation Group Recodes (01-14)

Occupation Group	Recode	Occupation Code
Executive, Administrative, and Managerial Occupations	01	003-037
Professional Specialty Occupations	02	043-199
Technicians and Related Support Occupations	03	203-235
Sales Occupations	04	243-285
Administrative Support Occupations, Including Clerical	05	303-389
Private Household Service Occupations	06	403-407
Protective Service Occupation	07	413-427
Service Occupations, Except Protective and Household	08	433-469
Farming, Forestry, and Fishing Occupations	09	473-499
Precision Production, Craft, and Repair Occupations	10	503-699
Machine Operators, Assemblers, and Inspectors	11	703-799
Transportation and Material Moving Equipment Occupation	ns 12	803-859
Handlers, Equipment Cleaners, Helpers, and Laborers	13	863-889
Armed Forces, Currently Civilian	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.

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

N/C = No Code Required

NOTES:

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

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

CMSA/ MSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	CMSA/MSA TITLE
001		New York-New Jargov I and Taland NIV NI Chica
002		New York-New Jersey-Long Island, NY-NJ CMSA Los Angeles-Anaheim-Riverside, CA CMSA
003		Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in
004		sample) Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA
005		(Maryland portion suppressed) San Francisco-Oakland-San Jose, CA CMSA
006		Detroit-Ann Arbor, MI CMSA
007		Boston-Laurence-Salem, MA-NH CMSA
000		Houston-Galveston-Brazoria, TX CMSA
009	8040	Washington, DC-VA MSA
010	-0.0	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
01 9	7320	San Diego, CA MSA
020	0280	Tampa-Št. Petersburg-Clearwater, FL MSA
021		Denver-Boulder, CO CMSA
022		Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not identified)
023	6200	Phoenix, AZ MSA
024		Milwaukee-Racine, WI CMSA
025	3760	Kansas City, MO-KS MSA
026		Portland-Vancouver, OR-WA CMSA
027	5560	New Orleans, LA MSA
020	1040	Columbus, OH MSA
029	5720	Norfolk-Virginia Beach-Newport News, VA MSA
030	6000	Buffalo-Niagara Falls, NY CMSA
031	6920	Sacramento, CA MSA
032	3480	Indianapolis, IN MSA
033 034	7240	San Antonio, TX MSA
035	1520	Providence-Pawtucket-Fall River, RI-MA CMSA
036	1320	Charlotte-Gastonia-Rock Hill, NC-SC MSA 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
045	3120	Greenboro-Winston Salem-High Point, NC MSA

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

CMSA/ MSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	CMSA/MSA TITLE
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
107 108	6680 6080	Reading, PA MSA
108	7120	Pensacola, FL MBA Salinas-Seaside-Monterey, CA MSA
110	4900	Melbourne-Titusville-Palm Bay, FL MSA
111	0460	Appleton-Oshkosh-Neenah, WI MSA
112	2020	Daytona Beach, FL MSA
113	5170	Modesto, CA MSA
115	5240	Montgomery, AL MSA
116	2360	Erie, PA MSA
117	6880	Rockford, IL MSA
118	2440	Evansville, IN-KY MSA (Kentucky portion not identified)
119	4600	Macon-Warner Robins, GA MSA
120	1400	Charleston, WV MSA
121	2400	Eugene-Springfield, OR MSA
122	0960	Binghamton, NY MSA
123	8700	Visalia-Tulare-Porterville, CA MSA
124	3680	Johnstown, PA MSA
125	2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
126	5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
127	7000	Salem, OR MSA
128	6460 2560	Poughkeepsie, NY MSA
129 130	2560 1800	Fayetteville, NC MSA Columbus GA-AI MSA (Alabama portion not in sample)
130	2700	Columbus, GA-AL MSA (Alabama portion not in sample) Fort Myers, FL MSA
132	7000	South Bend-Mishawaka, IN MSA
133	6520	Provo-Orem, UT MSA (Central City portion only identified)
134	1240	Brownsville-Harlingen, TX MSA
135	7520	Savannah, GA MSA
136	7510	Sarasota, FL MSA
137	6000	Roanoke, VA MSA
138	4600	Lubbock, TX MSA
139	3080	Lafayette, LA MSA
140	3810	Killeen-Temple, TX MSA
141	7920	Springfield, MO MSA
142	3720	Kalamazoo, MI MSA
143	0300	Anchorage, AK MSA Research MSA (Central City portion only identified)
144	6720	Reno, NV MSA (Central City portion only identified)
145	3290 3440	Hickory, NC MSA
146 147	3440 8000	Huntsville, AL MSA Waterbury, CT MSA
147 148	8000 8240	Tallahassee, FL MSA
146 149	6450	Portsmouth-Dover-Rochester, NH-ME MSA
177	0750	(Maine portion not entirely in sample and it is not identified)

CMSA/ MSA RANK	FIPS MSA/ PMSA	
CODE	CODE	CMSA/MSA TITLE
150	6400	Portland, ME MSA
151	4360	Lincoln, NE MSA
152	0920	Biloxi-Gulfport, MS MSA
153	3350	Houma-Thibodaux, LA MSA
154	7080	Springfield, IL MSA
156 157	1000	Boise City, ID MSA Gainesville, FL MSA
157 158	2900 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-Úrbana-Rantoul, IL MSA
169	2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
170	1140	Bradenton, FL MBA
171	0 480	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 5320	Chico, CA MSA Muskegon, MI MSA
180 181	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	07 80	Battle Creek, MI MSA
194	0405	Anderson, SC MSA
197	5910	Olympia, WA MSA
198	8320	Terre Haute, IN MSA
199	2650	Florence, AL MSA
201	0280	Altoona, PA MSA
202	0400 4760	Anderson, IN MSA Manahaster, NH, MSA
203 204	4760 4890	Manchester, NH MSA 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 (Nebraska portion not in sample)
226	7720 7760	Sioux City, IA-NE MSA (Nebraska portion not in sample) Sioux Falls, SD MSA
231 233	7760 2655	Florence, SC MSA
233 240	0860	Bellingham, WA MSA
242	9340	Yuba City, CA MSA
246	1740	Colombia, MO MSA
247	2880	Gadsden, AL MSA
248	2580	Fayetteville-Springdale, AR MSA
252	3740	Kankakee, IL MSA

LIST 2: PMSA 1983 RANK CODES (PMSARANK)

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

CMSA RANK CODE	PMSA RANK <u>CODE</u>	FIPS MSA PMSA <u>CODE</u>	PMSA TITLE
001	01	5600	New York, NY
001	02	5380	Nassau-Suffolk, NY
	03	5640	Newark, NJ
	04	0875	Bergen-Passaic, NJ
	05	5015	Middlesex-Somerset-Hunterdon, NJ
	06	5190	Monmouth-Ocean, NJ
	07	3640	Jersey City, NJ
	08	1160	Bridgeport-Milford, CT
	09	5950	Orange County, NY
	10	8040	Stamford, CT
	11	1930	Danbury, CT
	12	5760	Norwalk, CT
002	01	4480	Los Angeles-Long Beach, CA
	02	0360	Anaheim-Santa Ana, CA
	03	6700	Riverside-San Bernardino, CA
	04	6000	Oxnard-Ventura, CA
003	01	1600	Chicago, IL
	02	2960	Gary-Hammond, IN
	03	3965	Lake County, IL
	04	3690	Joliet, IL
	05	0620	Aurora-Elgin, IL
004	01	6160	Philadelphia, PA-NJ
	02	9160	Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.)
	03	8400	Trenton, NJ
005	01	5775	Oakland, CA
	02	7360	San Francisco, CA
	03	7400	San Jose, CA
	04	8720	Vallejo-Fairfield-Napa, CA
	05	7500	Santa Rosa-Petaluma, CA
	06	7485	Santa Cruz, CA
006	01	2160	Detroit, MI
	02	0440	Ann Arbor, MS
007	01	1120	Boston, MA Lawrence-Haverill, MA-NH (New Hampshire portion
	02	4160	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 CODE	PMSA RANK <u>CODE</u>	FIPS MSA PMSA <u>CODE</u>	PMSA TITLE
010	01	1920	Dallas, TX
	02	2800	Fort Worth-Arlington, TX
011	01	1680	Cleveland, OH
	02	0800	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
050	02	5440	New Britain, CT

LIST 3: INDIVIDUAL CENTRAL CITY CODES (CCCODE)

CMSA/MSA RANK CODE (MSARANK)	PMSA RANK CODE (PMSARANK	INDIVIDUAL CENTRAL CITY CITY CODE (CCCODE)	<u>CITY</u>
001	03	1	Newark, NJ
002	01	2 1 2 3 0	Elizabeth, NJ Los Angeles, CA Long Beach, CA Pasadena, CA Others
	02	1 2	Anaheim, CA Santa Ana, CA
	03	1 0	Riverside, CA Others
003	01	1 0	Chicago, IL Others
	02	1 0	Gary, IN Others
005	01	1 0	Oakland, CA Others
006	01	1 0	Detroit, MI Others
007	01	1 0	Boston, MA Others
010	01	1 0	Dallas, TX Others
	02	1 2	Fort Worth, TX 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 1 2 3 4	Others Norfolk, VA Virginia Beach, VA Newport News, VA Hampton, VA
045	-	0 1	Others 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 <u>CODE</u>	MSA/PMSA TITLE
011 046 078 055	02	0080 0160 0200 0240	Akron, OH, PMSA Albany-Schenectady-Troy, NY MSA Albuquerque, NM MSA Allentown-Bethlehem, PA-NJ MSA (New Jersey
201 002 143 202	02	0280 0360 0380 0400	portion not identified) Altoona, PA MSA Anaheim-Santa Ana, CA PMSA Anchorage, AK MSA Anderson, IN MSA
194 006 111 171	02	0405 0440 0460 0480 0520	Anderson, SC MSA Ann Arbor, MI PMSA Appleton-Oshkosh-Neenaht, WI MSA Asheville, NC MSA Atlanta, GA MSA
015 094 003 056 075	05	0600 0620 0640 0680	Augusta, GA-SC MSA Aurora-Elgin, IL PMSA Austin, TX MSA Bakersfield, CA MSA
016 066 193 086		0720 0760 0780 0840	Baltimore, MD MSA Baton Rouge, LA MSA Battle Creek, MI MSA Beaumont-Port Arthur, FL MSA
013 240 172	02 04	0845 0860 0870 0875	Beaver County, PA PMSA Bellingham, WA MSA Benton Harbor, MI MSA Bergen-Passaic, NJ PMSA
001 152 122 043	04	0920 0960 1000 1040	Biloxi-Gulfport, MS MSA Binghamton, NY MSA Birmingham, AL MSA Bloomington-Normal, IL MSA
221 156 007 021	01 02	1040 1080 1120 1125 1140	Boise City, ID MSA Boston, MA PMSR Boulder-Longmont, CO PMSA Bradenton, FL MSA
170 008 001 007	03 08 05	1145 1160 1200 1240	Brazoria, TX PMSA Bridgeport-Milford, CT PMSA Brockton, MA PMSA Brownsville-Harlingen, TX MSA
134 030 224 085 164	01	1280 1305 1320 1360	Buffalo, NY PMSA Burlington, VT MSA Canton, OH MSA Cedar Rapids, IA MSA
166 073 120 035 081		1400 1440 1480 1520 1560	Champaign-Urbana-Rantoul, IL MSA Charleston, SC MSA Charleston, WV MSA Charlotte-Gastonia-Rock Hill, NC-SC MSA Chattanooga, TN-A MSA (Marion and Sequatchie
VOI			counties Tennessee not in sample)

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
003	01	1600	Chicago, IL PMSA
179 022	01	1620 1640	Chico, CA MSA Cincinnati, OH-KY-IN PMSA (Indiana portion not identified)
011 100 246 080 130	01	1680 1720 1740 1760 1800	Cleveland, ÓH PMSA Colorado Springs, CO MSA Colombia, MO MSA Columbia, SC MSA Columbus, GA-AL MSA (Alabama portion not in
020 095 010 001 088	- 01 11	1840 1880 1920 1930 1960	sample) Columbus, OH MSA Corpus Christi, TX MSA Dallas, TX PMSA Danbury, CT PMSR Davenport-Rock Island-Moline, IA-IL MSA
041 112 021 090 006 125	01 01	2000 2020 2080 2120 2160 2240	Dayton-Springfield, OH MSA Daytona Beach, FL MSA Denver, CO PMSA Des Moines, IA MSA (Dallas county not in sample) Detroit, MI PMSA Duluth, MN-WI MSA (Wisconsin portion not
070 116 121 118		2320 2360 2400 2440	identified) El Paso, TX MSA Erie, PA MSA Eugene-Springfield, OR MSA Evansville, IN-KY MSA (Kentucky portion not identified)
129 248 077 199 233 174 012	02	2560 2580 2640 2650 2655 2670 2680	Fayetteville, NC MSA Fayetteville-Springdale, AR MSA Flint, MI MSA Florence, AL MSA Florence, SC MSA Fort Collins-Loveland, CO MSA Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA
131 169		2700 2720	Fort Myers, FL MSA Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
222 097 010 065 247	02	2750 2760 2800 2840 2880	Fort Walton Beach, FL MSA Fort Wayne, IN MSA Fort Worth-Arlington, TX PMSA Fresno, CA MSA Gadsden, AL MSA
157 008 003 057 045 061	02 02	2900 2920 2960 3000 3120 3160	Gainesville, FL MSA Galveston-Texas City, TX PMSA Gary-Hammond, IN PMSA Grand Rapids, MI MSA Greenboro-Winston Salem-High Point, NC MSA Greenville-Spartanburg, SC MSA
022 064	02	3200 3240	Hamilton-Middletown, OH PMSA Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
036	01	3280	Hartford, CT PMSA

CMSA/ MSA RANK CODE	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
145		3290	Hickory, NC MSA
047		3320	Honolulu, HI MSA
153	•	3350	Houma-Thibodaux, LA MSA
008	01	3360	Houston, TX PMSA Huntington-Ashland, WV-KY-OH MSA
101		3400	(Kentucky and Ohio portions not identified)
146		3440	Huntsville, AL MSA
146		3480	Indianapolis, IN MSA
032 185		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 3740	Kalamazoo, MI MSA Kankakee, IL MSA
252		3740 3760	Kansas City, MO-KS MSA
025		3810	Killeen-Temple, TX MSA
140 062		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	0.5	4120	Las Vegas, NV MSA Lawrence-Haverill, MA-NH PMSA (New Hampshire
007	02	4160	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	0.4	4520 4560	Louisville, KY-IN MSA Lowell, MA-NH PMSA (New Hampshire portion not
007	04	4560 4600	identified) Lubbock, TX MSA
138		4680	Macon-Warner Robins, GA MSA
119		4720	Madison, WI MSA
102 203		4760	Manchester, NH MSA
209		4800	Mansfield, OH MSA
103		4880	McAllen-Edinburg-Mission, TX MSA
204		4890	Medford, OR MSA
110		4900	Melbourne-Titusville-Palm Bay, FL MSA
042		4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
012	01	5000	Miami-Hialeah, FL PMSA
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
024 017	01	5080 5120	Milwaukee, WI PMSA Minneapolis-St, Paul, MN-WI MSA (Wisconsin portion not identified)
074 113 001 106 115 100	06	5160 5170 5190 5200 5240 5320	Mobile, AL MSA (Baldwin county not in sample) Modesto, CA MSA Monmouth-Ocean, NJ PMSA Monroe, LA MSA Montgomery, AL MSA Muskegon, MI MSA
044 001 165	02	5360 5380 5400	Nashville, TN MSA Nassau-Suffolk, NY PMSA New Bedford, MA MSA New Britain, CT PMSA
036 071 126	02	5440 5480 5520	New Haven-Meriden, CT MSA New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
027 001 001 030	01 03 02	5560 5600 5640 5700 5720	New Orleans, LA MSA New York, NY PMSA Newark, NJ PMSA Niagara Falls, NY PMSA Norfolk-Virginia Beach-Newport News, VA MSA
029 001 005 184	12 01	5760 5775 5790 5880	Norwalk, CT PMSA Oakland, CA PMSA Ocala, FL MSA Oklahoma City, OK MSA
039 197 059 001 048	09	5910 5920 5950 5960	Olympia, WA MSA Omaha, NE-IA MSA (Iowa potion not identified) Orange County, NY PMSA Orlando, FL MSA
002 034	04 02	6000 6060 6080	Oxnard-Ventura, CA PMSA Pawtuckett-Woonsocket-Attleboro, RI-MA PMSA (Rhode Island Central City portion only identified) Pensacola, FL MSA
100 093 004 023	01	6120 6160 6200	Peoria, IL MSA Philadelphia, PA-NJ PMSA Phoenix, AZ MSA
013 150 026 149	01 01	6280 6400 6440 6450	Pittsburgh, PA PMSA Portland, ME MSA Portland, OR PMSA Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)
128 034 133	01	6460 6480 6520	Poughkeepsie, NY MSA Providence, RI PMSA Provo-Orem, UT MSA (Central City portion only identified)
216 024 060 107 144	02	6560 6600 6640 6680 6720	Pueblo, CO MSA Racine, WI PMSA Raleigh-Durham, NC MSA Reading, PA MSA Reno, NV MSA (Central City portion only identified)

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
049		6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in sample)
002 137 038 117	03	6780 6800 6840 6880	Riverside-San Bernardino, CA PMSA Roanoke, VA MSA Rochester, NY MSA Rockford, IL MSA
031 082 014 127	01	6920 6960 7040 7080	Sacramento, CA MSA Saginaw-Bay City-Midland, MI MSA St, Louis, FL PMSA (Illinois portion not identified) Salem, OR MSA Salem-Gloucester, MA PMSA
007 109 037 033	03	7090 7120 7160 7240 7320	Salinas-Seaside-Monterey, CA MSA Salt Lake City-Ogden, UT MSA San Antonio, TX MSA San Diego, CA MSA
019 005 005 106	02 03	7360 7360 7400 7480 7485	San Francisco, CA PMSA San Jose, CA PMSA Santa Barbara-Santa Maria-Lompoc, CA MSA Santa Cruz, CA PMSA
005 005 136 135 051	06 05	7500 7510 7520 7560	Santa Rosa-Petaluma, CA PMSA Sarasota, FL MSA Savannah, GA MSA Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
018 211 096 226	01	7600 7610 7680 7720	Seattle, WA PMSA Sharon, PA MSA Shreveport, LA MSA Sioux City, IA-NE MSA (Nebraska portion not in sample)
231 132 090 154		7760 7800 7840 7880	Sioux Falls, SD MSA South Bend-Mishawaka, IN MSA Spokane, WA MSA Springfield, IL MSA Springfield, MO MSA
141 069 001 089 054	10	7920 8000 8040 8120 8160	Springfield, MA MSA Stamford, CT PMSA Stockton, CA MSA Syracuse, NY MSA Tacoma, WA PMSA
018 148 020 198 058 170	02	8200 8240 8280 8320 8400 8440	Tallahassee, FL MSA Tampa-St, Petersburg-Clearwater, FL MSA Terre Haute, IN MSA Toledo, OH MSA Topeka, KS MSA (Central City portion only identified)
004 063 052 192	03	8480 8520 8560 8600 8680	Trenton, NJ PMSA Tucson, AZ MSA Tulsa, OK MSA Tuscaloosa, AL MSA Litica-Rome, NY MSA
105 005	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
026 123 161 009 147 173 053 158 079 225 004 004 087 067	02	8725 8780 8800 8840 8880 8920 8960 9000 9040 9140 9160 9240 9280 9320 9340	Vancouver, WA PMSA Visalia-Tulare-Porterville, CA MSA Waco, TX MSA Washington, DC-MD-VA MSA Waterbury, CT MSA Waterloo-Cedar Falls, IA MSA West Palm Beach-Boca Raton-Delray Beach, FL MSA Wheeling, WV-OH MSA (Ohio portion not identified) Wichita, KS MSA Williamsport, PA MSA Williamsport, PA MSA Wilmington, DE-NJ-MD PMSA (New Jersey portion not identified, Maryland portion suppressed.) Worcester, MA MSA York, PA MSA Youngstown-Warren, OH MSA Yuba City, CA MSA
242		,	

Topcoding of Usual Hourly Earnings

This variable will be topcoded based on an individual's usual hours worked variable, if the individual's edited usual weekly earnings variable is \$999. The topcode is computed such that the product of usual hours times usual hourly earnings does not exceed an annualized wage of \$100,000 (\$1,923.07 per week). Below is a list of the appropriate topcodes.

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	\$56.56	67	\$28.70
2	None	35	\$54.94	68	\$28.28
3	None	36	\$53.41	69	\$27.87
4	None	37	\$51.97	70	\$27.47
5	None	38	\$50.60	71	\$27.08
6	None	39	\$49.30	72	\$26.70
7	None	40	\$48.07	73	\$26.34
8	None	41	\$46.90	74	\$25.98
9	None	42	\$45.78	75	\$25.64
10	None	43	\$44.72	76	\$25.30
11	None	44	\$43.70	77	\$24.97
12	None	45	\$42.73	78	\$24.65
13	None	46	\$41.80	79	\$24.34
14	None	47	\$40.91	80	\$24.03
15	None	48	\$40.06	81	\$23.74
16	None	49	\$39.24	82	\$23.45
17	None	50	\$38.46	83	\$23.16
18	None	51	\$37.70	84	\$22.89
19	None	52	\$36.98	85	\$22.62
20	\$96.15	53	\$36.28	86	\$22.36
21	\$91.57	54	\$35.61	87	\$22.10
22	\$87.41	55	\$34.96	88	\$21.85
23	\$83.61	56	\$34.34	89	\$21.60
24	\$80.12	57	\$33.73	90	\$21.36
25	\$76.92	58	\$33.15	91	\$21.13 \$20.90
26	\$73.96	59	\$32.59	92	·
27	\$71.22	60	\$32.05	93	\$20.67 \$20.45
28	\$68.68	61	\$31.52	94	\$20.43 \$20.24
29	\$66.31	62	\$31.01	95	\$20.24
30	\$64.10	63	\$30.52	96	·
31	\$62.03	64	\$30.04	97	\$19.82 \$19.62
32	\$60.09	65	\$29.58	98	\$19.62 \$19.42
33	\$58.27	66	\$29.13	99	ф17.42

Source and Accuracy of the October 1990 School Enrollment Microdata File

SOURCE OF DATA

The data in this microdata file come from the October 1990 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.

Basic CPS. 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 October 1990 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. The independent estimates were 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. 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). The independent population estimates used for this microdata file were based on updates to controls established by the 1980 Decennial Census.

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: nonsampling and sampling. 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. Nonsampling errors can be attributed to many sources. These sources include the 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 or 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, and 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.

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

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

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.

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 1.

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 1.6 standard errors below the estimate to 1.6 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, where 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 1.6 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, sx, of an estimated number from this microdata file can be obtained using the formula

$$S_x = \sqrt{-(b/T)x^2 + bx} \tag{1}$$

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 1 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 factor or set of parameters for the characteristic which will give the largest standard error.

Illustration. There were 3,292,000 3 and 4 year olds enrolled in school and 7,415,000 children in that age group in October 1990. Using formula (1) with b = 2,882 from Table 1, the approximate standard error is

$$S_x = \begin{bmatrix} -\frac{2,882}{7,415,000} x3,292,000^2 + 2,882x3,292,000 = 73,000 \end{bmatrix}$$

The 90-percent confidence interval for this estimate is from 3,175,000 to 3,409,000, i.e., 3,292,000 ± 1.6x73,000. 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 1 indicated by the numerator.

The approximate standard error,
$$s_{x,p}$$
, of an estimated percentage can be obtained by use of the formula
$$S_{x,p} = \begin{cases} b \\ -p(100 - p) \end{cases}$$
(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 1 associated with the characteristic in the numerator of the percentage.

Illustration. Of the 14,247,000 persons aged 18 to 21, 40.6 percent were enrolled in college in 1990. Using formula (2) with b = 2,532 from Table 1, the approximate standard error on an estimate of the percent of 18 to 21 year olds enrolled in school is

$$S_{x,p} = \int \frac{2,532}{14,247,000} x40.6x(100.0 - 40.6) = 0.7$$

The 90-percent confidence interval for the estimated percentage of persons aged 18 to 21 in 1989 enrolled in college is from 39.5 to 41.7 percent, i.e., $40.6 \pm 1.6 \times 0.7$.

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

$$Sx-y = \int_{-\infty}^{2} \frac{z}{S_x + S_y}$$
 (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. In October 1990, of the 6,993,000 males 18 to 21 years old, 40.1 percent were enrolled in college and of the 7,254,000 females of the same age group, 41.1 percent were enrolled in college. The apparent difference is 1.0 percent. Using formula (2) and b = 2,532 from Table 1, the standard error on the estimate of 40.1 percent is 0.9. Using formula (2) and b = 2,532 from Table 1, the standard error on the estimate of 41.1 percent is 0.9.

Therefore using formula (3) the standard error of the estimated difference of 1.0 percent is about

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

The 90-percent confidence interval around the difference is from -1.1 to 3.1 percent, i.e., $1.0 \pm 1.6 \times 1.3$. 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 1. 1990 Standard Error Parameters for School Enrollment

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

Table 2. Regional Factors to Apply to 1990 b Parameters

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

User Notes

This section will contain information relevant to the Current Population Survey, October 1990: 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 (1) purchased their file (or technical documentation) from the Census Bureau and (2) returned the coupon on the following page.

UPDATE INFORMATION

Additional information concerning this file may be available at a later date. If you received this technical documentation (with or without tape purchase) from the Census Bureau and wish to receive these User Notes, please complete the coupon below and return it to:

Data User Services Division Data Access and Use Staff Bureau of the Census Washington, D.C. 20233

Name of File: Current Population Survey, October 1990: School Enrollment

Please send me any information which might become available later concerning the file listed:

Name:

Address:

Phone: