

8601 Adelphi Road College Park, Maryland 20740-6001

Current Population Survey (CPS), May 1991: Multiple Job Holding and Work Schedules

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

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ATTACHMENT 1

ABSTRACT

Current Population Survey, May 1991: Multiple Job Holding and Work Schedules [machine-readable data file] / conducted by the Bureau of the Census for the Bureau of Labor Statistics. —Washington: The Bureau [producer and distributor], 1992.

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.

Questions regarding work schedules provide data on the usual number of hours worked daily and weekly, usual number and specific days worked weekly, starting and ending times of an individual's work day, and whether these beginning and ending times could be varied. For other than a regular daytime work schedule, the main reason and length of time a particular schedule or shift was worked are given.

Questions dealing with overtime include number of extra hours worked and rate of pay.

For dual jobholders, data provided include starting and ending times of the work day, number of weekly hours worked, earnings, occupation, industry, and main reason for working more than one job.

Questions are included about primary and secondary job related activities completed at home and temporary work.

GEOGRAPHIC COVERAGE

All States are identified and ranked by population size (1980). Metropolitan and nonmetropolitan status indicators are provided except where suppression is required for confidentiality reasons.

TECHNICAL DESCRIPTION

File Structure: Rectangular

File Size: 162,619 logical records; 444 character logical record length.

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

number.

REFERENCE MATERIALS

Current Population Survey, May 1991: Multiple Job Holding and Work Schedules Technical Documentation. The documentation contains this abstract, a questionnaire facsimile, and record layout of the file. One copy accompanies each file order. Additional copies are available for \$10 each 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 is also available on microfiche paperprints from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. [2 microfiche - \$10; 179 pages (paperprints) - \$33]. Make check payable to Commerce-Census.

RELATED MACHINE-READABLE FILES

Current Population Survey, May (Year). Similar data are available for some of the years 1969-1989.

FILE AVAILABILITY

Current Population Survey, May 1991: Multiple Job Holding and Work Schedules is available on computer tape at either 6250 or 1600 bpi, ASCII or EBCDIC, labeled or unlabeled. The file is also available on IBM 3480 compatible tape cartridge. When ordering, please use the order form on the following page.

*0001

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_ATTACHMENT 2

OVERVIEW

May 1991 Multiple Jobholding and Work Schedules Survey

General

The May 1991 Multiple Jobholding and Work Schedules Survey was conducted as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 57,000 households across the Nation. Attachment 10 contains a facsimile of the May 1991 multiple jobholding and work schedule supplement questions asked of all applicable persons 15 years old or older.

Attachment 3 comprises a description of the CPS entitled "Overview - Current Population Survey." A description of the May 1991 Multiple Jobholding and Work Schedules Survey follows.

Data Collection

The multiple jobholding and work schedule questions were asked of all persons 15 years of age or older, who were members of the experienced labor force. Items 30 through 43 record information about the number of hours worked and the work schedules for the sample person's main job (the one at which the most hours were worked). Questions 44 through 47 are screening items used to determine if the sample person worked at more than one job. Questions 48 through 57 record information about hours worked and work schedules at a second job.

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 conducted completely and accurately. These field representatives were notified of inconsistencies or omissions detected during this editing process.

Data Processing

The data processing involved editing the May supplement data. This process is described below.

Edit. The data processing involved a consistency edit of all supplement items. This consistency edit ensured that the entries within an individual record followed the correct skip pattern. Items with missing entries were assigned values, if appropriate. Item 30 (usual hours) was the only item allocated. This item was allocated using the same allocation procedure as the basic CPS usual hours item (Item 25A).

The values and universes for each variable are defined in the supplement record layout (Attachment 9).

Weighting. A supplement weight was calculated to account for noninterview records on the May 1991 Multiple Jobholding and Work Schedules supplement file. This weight is found in positions 437-444. Use this weight for tallying the supplement items.

May 1991 CPS/Multiple Jobholding and Work Schedules Computer File

CPS Labor Force Data. The May 1991 CPS file contains 162,619 records. Each record contains 444 characters. Attachment 9 consists of the variable name, character size, location on record, universe, and the values of the variables.

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

H-RECTYP = 1 = Interviewed adult 15+

- = 2 = Type A Noninterview (These records represent households that were eligible for the January 1991 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 that 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.

May 1991 Multiple Jobholding and Work Schedules Supplement Data. The May 1991 supplement data for adults are located in records 0361-444. (See Attachment 9.)

Tallying the May 1991 Multiple Jobholding and Work Schedules Supplement File. The May 1991 supplement universe is comprised of all applicable persons 15 years of age or older in the experienced labor force. These individuals are determined in a variable called A-SUPTYP, which is found in position 361 of the file.

The universe for the supplement items is A-SUPTYP = 1, 2, or 3 and is defined as follows:

A-SUPTYP = 1 is an interviewed person determined to be a multiple jobholder.

A-SUPTYP = 2 is an interviewed person who is not a multiple jobholder.

A-SUPTYP = 3 is a noninterviewed person determined to be in the supplement universe.

Records whose values are A-SUPTYP 1, 2, or 3 are determined as follows:

- 1) LFSR = 1 or 2
- 2) LFSR = 3 or 4 and A-CLSWKR (not equal) to 8

The distinction between A-SUPTYP = 1 or 2 is determined in supplement items 44 through 47.

When tallying the supplement data, only use A-SUPTYP = 1 or 2 and the supplement weight specified in Weighting under Data Processing section above.

Unweighted Counts. Below is a tally listing of unweighted counts. Use these counts to ensure that the file is being properly accessed.

The values of H-RECTYP are:

	Unweighted Counts
1 = (Interview Adults)	113,829
2 = (Type A)	2,617
3 = (Type B/C)	11,528
4 = (Armed Forces)	630
5 = (Children)	34,015

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 else-

where, 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, is sued jointly by the Bureau of Labor Statistics and the Bureau of the Census in October, 1976, and entitled Concepts and Methods Used In Labor Statistics Derived from the Current Population Survey.

Relationship of Current Population Survey Files to Publications

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

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

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

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

Geographic Limitations

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

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

Weights

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

weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

- 1. Noninterview adjustment. The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups--two race categories (White, and Black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, season, etc.
- 2. Ratio estimates. The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:
 - a. First-stage ratio estimate. In the CPS, a portion of the 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-racegroups 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)	171,335	108,014	97,831	10,183	63,321
Composited (Seasonally Adjusted)	171,335	108,879	99,581	9,298	62,456
		July 1982 I	Data (000's)		
Final Weights	172,364	112,850	101,904	10,946	59,513
Composited (Not seasonally Adjusted)	172,364	112,526	101,490	11,036	59.838
Composited (Seasonally Adjusted)	172,364	110,522	99,732	10,790	61,842

ATTACHMENT 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, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic.

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

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

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

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

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

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

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

Industry, Occupation, and Class of Worker (I&O) - Current Job (basic data). For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time). The I & O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. The occupation/industry classification system for the 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	
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.
 - a. Job Leavers. Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.
 - b. Job Losers. Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already on layoff.
 - c. New Job Entrants. Persons who never worked at a full-time job lasting two weeks or longer.
 - d. Job Reentrants. Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.
- 3. Not in Labor Force. All civilians 15 years old and over who are not classified as employed or unemployed. These persons are further classified as major activity: keeping house, going to school, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, retired persons. Persons who report doing unpaid work in a family farm or business for less than 15 hours are also classified as not in the labor force.

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

These items are asked in question 24; see the questionnaire facsimile. Such persons have an 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:

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

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

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.

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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

Vermont

New Jersey New York

Pennsylvania

MIDWEST REGION

East North Central Division

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 H-DAYCMP 1 8
Day interview complete
U All
V -1 .Blank
V 1 .Sunday
V 2 .Monday
V 3 .Tuesday
V 4 .Wednesday
V 5 .Thursday
V 6 .Friday
V 7 .Saturday
V 8 .After interview
.week
```

```
D A-WANTJB
    Item 24C - Does ... want a regular
     job now, either full or part-time
U NLFROT (1-24)=2
 A-WANT JB (I-24C)=1 or 2
          -1 .Not in universe
          1 .Yes
          2 .Maybe-it depends
          3 .No
          4 .Don't know
     Item 24D - What are the reasons
     ... is not looking for work
     (Multiple entries possible)
            1
                  172
D A-WHYNL1
     Believes no work available
          -1 .Not in universe
           1 .Entry
```

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Machine-Readable Data Dictionary Layout

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

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

FORMAT

"*" Line - Comments

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

"D" Line - Data Dictionary

This line contains the following information:

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

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

"U" Line - Universe Definition

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

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

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

"V" Line - Value Definition

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

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

ATTACHMENT 6

Current Population Survey

Adult Interview Data Dictionary

```
DATA
                                                                      SIZE BEGIN
           SIZE BEGIN
DATA
                                                                      11 .Student quarters in college
             1
                    1
D HSPAD1
                                                                      .dormitory
12 .Other not HU
D H$PAD2
                                                           - V . . . .
                                                                         1 11
D H-MONTH
                                                            D H-FARM
                                                                 Farm def'n - edited using urban/rural
    Month of survey
                                                                 code
V 01-12 .Month
                                                            U ALL
                                                                 From MST and CPS-1 Items 5A and 5B

    Nonfarm

D H-YEAR
           1
   Year of survey - last digit
                                                                       2 .Farm
                                                            D H-TYPINT 1 12
       0-9 .Last digit of year
                               U'ALL
D H-HHNUM 1 6
                                                            ٧
                                                                      -1 .Blank or impossible
   Household number
                                                                       1 Noninterview
U All
                                                                       2 .Personal
         -1 .Blank
                                                                       3 .Tel. - regular
4 .Tel. - callback
        1-8 .Household number
                                                                       5 .1CR filled
D H-CPSCKK 1
    Item 1 - Interviewer check item
                                                                               13
                                                            D H-RESPNM
                                                                 Item 12 - Line no. HHLD resp.
         -1 .Blank
ν
          1 .Only CPS-1 for household
          2 .First CPS-1 of continuation
                                                             ٧
                                                                      -1 .Blank or impossible
٧
            .household
                                                                     1-6 .Line no.
٧
                                                                       7 .Non HHLD resp.
          3 .Second CPS-1 of continuation
            .household
٧
                                                            D H-AREASN
                                                                        1
          4 .Third, fourth, etc. CPS-1
                                                                 Item 14 - Reason for type A
D H-DAYCHP 1
                                                             U H-HHTYPE=2
     Day interview complete
                                                                      -1 .Not in universe
                                                                      1 .No one home
UALL
                                                                       2 .Temporarily absent3 .Refused
                                                             v
          -1 .Blank
          1 Sunday
                                                             ٧
٧
                                                                       4 .Other - occ.
٧
          2 .Monday
٧
          3 .Tuesday
                                                             D H-ARACE 1 15
          4 .Wednesday
٧
                                                                 Item 14 - Race for type A
          5 .Thursday
          6 .Friday
                                                             U H-HHTYPE=2
٧
                                                                      -1 .Not in universe
                                                             ٧
          7 .Saturday
          8 .After interview week
                                                             ٧
                                                                       1 .White
                                                                       2 .Black
                                                                       3 .Other
     Item 4 - Type of living quarters
                                                             D H-TYPEBC
                                                                          2 16
     (Recode)
                                                                 Item 15 - Type B/C
U All
                                                             U H-HHTYPE=3
     Housing unit
                                                                     -1 .Not in universe
          01 .House, apt., flat
          02 .HU in nontransient hotel, etc.
                                                                  Type B
٧
                                                                      01 .Vacant - regular
02 .Vacant - storage of HHLD
          03 .HU, perm., in trans. hotel,
         .motel etc.
04 .HU in rooming house
٧
                                                                         .furniture
                                                                      03 .Temp occ. by persons with URE
                                                             ٧
         05 .Mobile home or trailer with
                                                                      04 .Unfit or to be demolished
            .no permanent room added
٧
                                                             ٧
                                                                      05 .Under construction, not ready
          06 .Mobile home or trailer with 1
            .or more perm. rooms added
                                                                      06 .Converted to temp. business
                                                                         .or storage
                                                             ٧
         07 .HU not specified above
                                                                      07 .Occ. by AF members or persons
     Other unit
                                                                         .under 15
         08 .Qtrs not HU in rooming or
                                                                       08 .Unocc. tent or trailer site
           .boarding house
                                                                       09 .Permit granted, construction not
         09 .Unit not perm. in trans. hotel,
                                                                          .started
            .motel, etc.
                                                                       10 .Other
          10 .Tent or trailer site
```

```
DATA
                                                                           SIZE BEGIN
DATA
            SIZE BEGIN
     Type C
                                                                D H-TENURE 1 25
          11 .Demolished
          12 .House or trailer moved
                                                                     Tenure
          13 .Outside segment
٧
          14 .Converted to perm. business or
                                                                ٧
                                                                           -1 .Not in universe
٧

    Owned or being bought

٧
                                                                ٧
٧
          15 .Merged
                                                                ٧
                                                                            2 .Rent
                                                                           3 .No cash rent
٧
          16 .Condemned
          17 .Built after April 1, 1980
٧
          18 .Unused line of listing sheet
                                                                             2
                                                                D H-FAMINC
                                                                                     26
                                                                     Family income
          19 .Other
                                                                      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
                                                                v
                                                                          -1 .Not in universe
          -1 .Not in universe
           1 .Year round
                                                                ٧
                                                                           0 .Less than $5,000
٧
                                                                           1 .$5,000 to $7,499
                                                                ٧
٧
           2 .By migratory workers
                                                                ٧
                                                                           2 .$7,500 to $9,999
           3 .Seasonally
                                                                          3 .$10,000 to $12,499
4 .$12,500 to $14,999
                                                                ٧
                                                                ٧
D H-OCCINT 1
     Item 17 - This unit is intended for
                                                                ٧
                                                                          5 .$15,000 to $19,999
                                                                        6.$20,000 to $24,999
7.$25,000 to $29,999
                                                                .V.....
     occupancy
U H-SEASON=2 or 3 and H-LIVORT=1-7
                                                                ٧
                                                                          8 .$30,000 to $34,999
         -1 .Not in universe
                                                                ٧
                                                                          9 .$35,000 to $39,999
          1 .Summers only
                                                                ٧
           2 .Winters only
                                                                ٧
                                                                          10 .$40,000 to $49,999
                                                                          11 .$50,000 to $59,000
                                                                ٧
           3 .Other
٧
                                                                          12 .$60,000 to $74,999
13 .$75,000 and Over
D H-INTRV1
            2
                                                                          19 Not answered
     Interviewer code
     Blank or impossible in any digit
                                                                D H-TELHHD
     interviewer code A00-M99 excluding IXX
                                                                             1
                                                                     Telephone in household
          -1 .Blank
                                                                 U All (March, July, Nov. only)
٧
          00 .A
                                                                          -1 .Not in universe (noninterview)
          01 .B
                                                                 v
٧
          02 .C
03 .D
٧
                                                                 ٧
                                                                           1 .Yes
                                                                           2 No
٧
٧
          04 .E
          05 .F
٧
                                                                 D H-TELAVL
                                                                             1
                                                                      Telephone available
٧
          06 .G
٧
          07 .H
                                                                 U H-TELHHD=2 (March, July, Nov. only)
                                                                         -1 .Not in universe
                                                                 ν
۷
          08 .J
٧
          09 .K
                                                                 ٧
                                                                           1 .Yes
٧
                                                                           2 .No
          10 L
٧
          11 .M
٧
          12 .N
                                                                 D H-TELINT
                                                                      Telephone interview acceptable
٧
          13 .P
٧
          14 .Q
                                                                 U H-TELHHD=1 or H-TELAVL=1 (March, July,
v
          15 .R
                                                                   Nov. only)
                                                                          -1 .Not in universe
٧
          16 .S
٧
          17 .T
                                                                           1 .Yes
٧
          18 .U
                                                                           2 .No
٧
          19 .V
                                                                 D H-PRSCNT
                                                                             1
                                                                                    31
٧
          20 .W
                                                                      Item 30 - Number of contacts - actual
٧
          21 .X
                                                                      and attempted -- personal
٧
           22 .Y
                                                                 U March, July, Nov. only
٧
          23 .Z
                                                                          -1 .Blank
D H-INTRV2 1
                                                                 ٧
                                                                          1-6 .# of personal contacts
                    22
     Interviewer Code - digit 2
                                                                              .(6 = 6+)
         -1 .Blank
         0-9 .Interviewer code digit 2
                                                                 D H-TELCHT
                                                                      Item 30 - Number of contacts - actual
                                                                      and attempted -- telephone
D H-INTRV3 1
                                                                U March, July, Nov. only
V -1 .Blank
V 1-9 .# of telephone contacts
     Interviewer Code - digit 3
          -1 .Blank
         0-9 .Interviewer code digit 3
                                                                              .(9 = 9+)
     Item 278 - HHLD status change -
                                                                 D H-TIMINT
                                                                             1
                                                                     Item 31 - Time of interview
     replacement household
                                                                 U March, July, Nov. only
U All
                                                                 ٧
                                                                          -1 .Blank
           -1 .Blank
           1 .Yes
                                                                           1 .Midnight to 6 A.M.
v
                                                                            2 .6 to 9 A.M.
           2 .No
```

DATA	SIZE BEGIN # 12	DATA SIZE BEGIN
v	3 .9 A.m. to noon	D H-MSTIND 5 44
v	4 Noon to 3 P.M.	Master segment tape index
v	5 .3 to 6 P.M.	Unique segment identifer
v	6 .6 to 9 P.M.	
v	7 .9 P.M. to midnight	D H-HHWGT 9 49 2 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-1	HHTYPE 1 34	in all other households
	Type of household	· · · · · · · · · · · · · · · · · · ·
U Al		
٧	1 .Interview	* Allocation flags *
٧	2 .Type A non-interview	**********
٧	3 .Type B/C non-interview	
	4 75	D HXTENURE 1 58
D H-1		V 0.No change V 1.Value to blank
	Month in sample	V 4 .Allocated
U AL V	1-8 .Month in sample	4 4 Introduced
٧	, o month in sample	D H%FAMINC 1 59
р н-1	NUMPER 2 36	V
	Number of persons in household	V 2 .Blank to value
U Al		V 6 .Refusal to value, allocated,
٧	00 .Noninterview household	V .no error
٧	1-39 .Number of persons in HHLD	
		D H%ARACE 1 60
D H-		V 0 .No change
	Household type	V 1 .Value to blank V 4 .Allocated
UAL	0 .Non-interview household	4 Attocated
V	1 .Husband/wife primary family	D H%CPSCHK 1 61
v	.(neither husband or wife in	V 0 .No change
v	.Armed Forces)	V 2 .Blank to value
v	2 .Husband/wife primary family	
V	.(husband and/or wife in armed	D H%DAYCMP 1 62
٧	.forces)	V 0 .No change
٧	Unmarried civilian male	V 2 .Blank to value
٧	primary family householder	5 UVUUNUU 4 47
٧	4 .Unmarried civilian female	D H%HHNUM 1 63 V 0 No change
V V	<pre>.primary family householder 5 .Primary family household -</pre>	V 2.Blank to value
v	.reference person in	V 8 .Blank to NA - error
v	.Armed Forces and unmarried	
v	6 .Civilian male primary	D H%INTRV 1 64
V	.individual	V 0 .No change
٧	7 .Civilian female primary	V 2 .Blank to value
٧	.individual	D 1181 1110D# 4 /F
٧	8 .Primary individual household -	D H%LIVORT 1 65
V	reference person in Armed Forces	V 0 .No change
٧	9 .Group quarters	V 4 .Allocated V 7 .Blank to NA - no error
ר ח־	TYPERP 1 39	* 1 -DEBIN CO NA NO CITO
-וו ע	Type of reference person	D H%OCCINT 1 66
U H-	HHTYPE=1	V 0 .No change
٧	0 .Not in universe	V 1 .Value to blank
v	1 .Civilian	V 4 .Allocated
٧	2 .Armed Forces	
٧	3 .Group quarters	D H%RESPNM 1 67
		V 0 .No change V 2 .Blank to value
D H-	NUMFAM 2 40 Number of families in HHLD	V 2.Blank to value
11 4-	HHTYPE=1	D H%SEASON 1 68
V 11-	00 .Not in universe	V 0 .No change
v	00-39 .Number of families	V 1 .Value to blank
-		V 4 .Allocated
D H-	HHDSEQ 2 42	
	Householder sequence number	D H%STATUS 1 69
	(reference person)	V 0 No change
	(Will be first adult record for	V 1 .Value to blank
	group quarters)	V 2 Blank to value
	HHTYPE=1	V 3 .Value to value V 8 .Blank to NA - error
V	00 .Not in universe	y O DEGIN TO MY - CITO
٧	01-39 .Sequence number	

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

44 .North Dakota

```
SIZE BEGIN
          SIZE BEGIN
                                                             DATA
DATA
D HG-MSSZ 2
                                                               UALL
                    95
                                                                          1 .Married - civilian spouse
    MSA size
     First character -- padding
                                                                         .present
2 .Married - AF spouse present
3 .Married - spouse absent
     Second character -- pop. size MSA/CMSA

1 .Not identified, not an MSA
         2 .100,000 - 249,999
3 .250,000 - 499,999
                                                                          .(Exc. separated)
4 .Widowed
          4 .500,000 - 999,999
                                                                          5 .Divorced
          5 .1 million - 2,499,999
6 .2.5 million - 4,999,999
                                                                          6 .Separated
                                                                          7 .Never married
          7 .5 million - 9,999,999
                                                               D-A-SPOUSE 2- 123-
          8 .10 million or more
                                                                   Item 18F - Spouse's line number
D HG-CMSA
         00 .Not in CMSA, not identified
                                                               ٧
                                                                        00 .None
ν
       07-91 .CMSA code
                                                                      01-39 .Spouse's line number
     (See Geographic Appendix)
                                                               D A-SEX
                                                                   Item 18G - Sex
V 1 .Metropolitan
          2 .Nonmetropolitan
                                                               ٧
                                                                          1 .Male
          3 .Not identified
                                                                          2 .Female
                                                              D A-VET 1 126
                                                                                          ment of the control of agency of the control of agency
D H-INDVCC 1 100
     Individual central city identifier
                                                                 Item 18G - Veteran status
     (See Geographic Appendix)
                                                                          1 .Vietnam era
D H-RECTYP 1 101
V 1 .Interviewed adult
                                                                          2 .Korean War
                                                                          3 .World War II
                                                                         4 .World War I
           2 .Type A noninterview
           3 .Type B/C noninterview
                                                               ٧
                                                                          5 .Other service
           4 .Armed Forces record
                                                               ٧
                                                                          6 .Nonveteran
          5 .Childrens record
                                                               D A-HGA 2 127
        12
                                                                   Item 18h - Highest grade attended
D H-ID
                 102
     Unique household identifer
                                                                         00 .None
D A-LINENO 2 114
                                                                         01 .E1
                                                                         02 .E2
   Item 18A - Line number
                                                                         03 .E3
       01-39 .Line number
                                                                         04 .E4
                                                                         05 .E5
            2 116
                                                                         06 .E6
    Item 18B - Relationship to
                                                                         07 .E7
                                                                         08 .E8
     reference person
                                                                         09 .H1
           1 .Reference person with other
                                                                         10 .H2
            .relatives in HHLD
                                                                         11 .H3
٧
                                                                         12 .H4
           2 .Reference person with no other
            relatives in HHLD
                                                                         13 .C1
                                                               ٧
                                                                         14 .C2
٧
           3 .Husband
          4 .Wife
5 .Own child
                                                                         15 .C3
                                                                         16 .C4
٧
                                                                         17 .C5
          6 .Parent
٧
٧
           7 .Brother/sister
                                                                         18 .C6+
           8 .Other Relative of Reference
٧
                                                               D A-HGC
                                                                           1 129
            .person
           9 .Non-relative of reference
                                                                   Item 18I - Grade completed
٧
                                                               U All
             .person with own relatives in HHLD
          10 .Non-relative of reference
                                                                          1 .Yes
            .person-no own relatives in HHLD
                                                                          2 .No
D A-PARENT 2 118
                                                               D A-RACE
                                                                           1 130
                                                                    Item 18J - Race
    Item 18C - Parent's line number
                                                                          1 .White
         00 .None
                                                                          2 .Black
       01-39 .Parent's line number
                                                                          3 .Amer Indian, Aleut Eskimo
D A-AGE 2 120
                                                                          4 .Asian or Pacific Island
                                                                          5 .Other
    Item 18D - Age
       15-90 .Adult age (Age topcoded
      .at 90)
D A-MARITL 1 122
     Item 18E - Marital status
```

DATA SIZE BEGIN 4 4 4 .	DATA SIZE BEGIN
D A-MAJACT 1 131	V -1 .Not in universe
Item 19 - What was doing most	V 1 .Yes
of last week	V 2.No
UALL	
V 1 Working	D A-OVRTIM 1 140
V 2 .With job but not at work	Item 20E - Did work any overtime
V 3.Looking for work V 4.Keeping house	or at more than one job last week U A-LOSTIM (I-20D)=2
V 5 .Going to school	V -1 .Not in universe
V 6 .Unable to work	V 1.Yes
V 7 .Retired	V 2.No
V 8 .Other	the many of the state of the st
- 4 470	D A-JOBABS 1 141
D A-ANYWK 1 132	<pre>Item 21 - Did have a job or business from which he/she was</pre>
Item 20 - Did do any work at 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 (I-20)=2
V -1 .Not in universe	V -1 .Not in universe
V 1 .Yes	V 1 .Yes
V 2 .No	V 2.No
D A-HRS1 2 133 (1) 100 (1) 100 (1) 100 (1) 100 (1)	D A-UHYADO 1 1/2
Item 20a - How many hours did	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 (I-21)=1
V -1 .Not in universe	V -1 .Not in universe
V 00:99 .Number of hours	V 1.0wn illness
D 4 UDGGUV 4 475	V 2 .On vacation
D A-HRSCHK 1 135 Item 20B - Interviewer check of	V 3 .Bad weather V 4 .Labor dispute
item 20A	V 5.New job to begin within
U Same as A-HRS1 (I-20A)	V .30 days
V -1 .Not in universe	V 6 .Temporary layoff (Under 30
V 1 .49+	V .days)
V 2.1-34	V 7 .Indefinite layoff (30 days or
v 3.35-48	V .more)
D A-USLFT 1 136	V 8.Other
U A-HRSCHK (I-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
V -1 .Not in universe	U A-WHYABS (I-21A)=1-4,8
V 1 .Yes V 2 .No	V -1 .Not in universe V 1 .Yes
1 2 .110	V 2 .No
D A-FTREAS 2 137	V 3 .Self-employed
Item 20C - 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 (I-20B)=2 V -1 .Not in universe	hours or more a week at this job U A-WHYABS (I-21A)=1-4,8
V 1 .Slack work	V -1 .Not in universe
V 2 .Material shortage	V 1 .Yes
V 3 .Plant or machine repair	V 2.No
V 4 New job started during week	5 0 1 mm
V 5 .Job terminated during week	D A-LKWK 1 145
V 6 .Could find only part time work V 7 .Holiday	<pre>Item 22 - Has been looking for work during the past 4 weeks</pre>
V 8 .Labor dispute	U A-JOBABS (I-21)=2
V 9 .Bad weather	V -1 .Not in universe
V 10 .Own illness	V 1 .Yes
V 11 .On vacation	V 2.No
V 12 .Too busy with house, school,	******
V .etc.	
V 13 .Did not want full time work V 14 .Full-time work weeks < 35 hrs	<pre>* Item 22A - What has been doing in * * the last 4 weeks to find work *</pre>
V 14 . rull-time work weeks < 35 mrs	* Method use - Multiple entries possible*
, 12 1041101	****************
D A-LOSTIM 1 139	
Item 20D - Did lose any time or	D A-MTHD1 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	V -1 .Not in universe V 1 .Entry
U A-HRSCHK (I-20B)=3	Y I SHLIY

```
SIZE BEGIN
                                                           DATA
                                                                      SIZE BEGIN
DATA
                            ...
                                                                       2 .No
                                                            ٧
D A-MTHD2
                147
    Checked with private employment agency
                                                            D A-WHYNA
                                                                         1
                                                                             158
                                                                Item 22E2 - Why not
U A-LKWK (I-22)=1
         -1 .Not in universe
                                                            U A-AVAIL (I-22E1)=2
                                                                      -1 .Not in universe
         1 .Entry
                                                            ٧
                                                                      1 .Already has a job
                                                                       2 .Temporary illness
                148
                                                                       3 .Going to school
    Checked with employer directly
U A-LKWK (1-22)=1
                                                                       4 .Other
      -1 .Not in universe
                                                                         1 - 159
          1 .Entry
                                                            D A-WHENLJ
                                                                 Item 22F - When did ... last work at a
                                                                 full-time job or business lasting 2
                  149
    Checked with friends or relatives
                                                                 consecutive weeks or more
                                                            U Same as A-WKSLK (I-22C)
U A-LKWK (I-22)=1
                                                                      -1 .Not in universe
         -1 .Not in universe
                                                                      1 .In last 12 months
          1 .Entry
                                                                       2 .1-5 years ago
                                                                       3 .More than 5 years ago
D A-MTHD5 1 150
                                                                      4 .Never worked full time 2
    Placed or answered ads
U A-LKWK (I-22)=1
                                                                        .weeks or more
                                                          -1 .Not in universe -- -- -- -- -- -- -- -- -- -- -- --
          1 .Entry
                                                                       3 160
                                                                 Item 23B - Industry
             1
                151
D A-MTHD6
    Nothing
                                                            U A-CLSWKR=1-7
U A-LKWK (1-22)=1
                                                                      -1 .Not in universe
       -1 .Not in universe
                                                                     000 .Old not in universe
         1 .Entry
                                                                 002-992 Legal code
                                                             *********
D A-MTHD7 1 152
                                                             * See industry and occupation code
    Other
                                                             * appendix for list of legal codes *
U A-LKWK (I-22)=1
         -1 .Not in universe
          1 .Entry
                                                                         3 163
                                                                Item 23C - Occupation
D A-WHYLK
                 153
     Item 22B - Why did ... start looking
                                                            U A-CLSWKR=1-7
for work was it because ...
U A-LKWK (I-22)=1 or A-WHYABS (I-21A)=5
                                                                      -1 .Not in universe
                                                                     000 .Old not in universe
                                                                  003:993 .Legal code
        -1 .Not in universe
          1 .Lost job
          2 .Quit job
                                                             D A-CLSWKR
                                                                               166
٧
                                                                  Item 23E - Class of worker
          3 .Left school
                                                             U A-LFSR=1-4 or A-LFSR=5-7 and A-NLFROT=2
٧
          4 .Wanted temporary work
          5 .Change in home or family
                                                               and A-NLFLJ=1-5
           .responsibilities
                                                                     -1 .Not in universe
          6 .Left military service
                                                                      1 .Private
                                                                       2 .Federal government
          7 .Other
                                                                       3 .State government
                                                                       4 .Local government
D A-WKSLK
                154
     Item 22C - 1) How many weeks has ...
been looking for work 2) how many
                                                                       5 .Self-employed-incorporated
                                                                       6 .Self-employed-not incorporated
                                                                       7 .Without pay
     weeks ago did ... start looking
                                                                       8 .Never worked
     3) how many weeks ago was ...
     laid off
                                                                              167
                                                             D A-CHKWJ
U A-WHYLK (I-22B)=ENTRY or A-WHYABS
 (I-21A)=6 or 7
-1 .Not in universe
                                                                  Item 23F - Interviewer check item
                                                             U A-CLSWKR (I-23E)=ENTRY
       00-99 .Entry
                                                                      -1 .Not in universe
                                                                       1 .Entry (or NA) in I20A and P,F,S
                                                                         .or L in 123E
D A-LKFTPT
                156
                                                                       2 .Entry (or NA) in I23B and P,F,S
     Item 22D - Has ... been looking for
                                                             ٧
     full-time or part-time work
                                                                         .or L in 123E
                                                                       3 .All other cases
U Same as A-WKSLK (I-22C)
       -1 .Not in universe
         1 .Full-time
                                                                  Item 24 - Interviewer check item -
          2 .Part-time
                                                                  first digit of segment #
D A-AVAIL
            1
                157
                                                             U A-LKWK (1-22)=2
     Item 22E1 - Could ... have taken a
                                                                      -1 .Not in universe
     job if one had been offered

    Continuing rotations

U Same as A-WKSLK (I-22C)
                                                                       2 .Outgoing rotations
         -1 .Not in universe
```

1 .Yes

```
DATA
                                                                  SIZE BEGIN
          SIZE BEGIN
DATA
                                                         D A-WHYNL6 1 1,77
D A-NLFLJ 1
                169
    Item 24A - When did ... last work
                                                            Can't arrange child care
    for pay at a regular job or business,
                                                         U A-WANTJB (I-24C)=1 or 2
                                                         V -1 .Not in universe V 1 .Entry
    either full-time or part-time
U A-NLFROT (1-24)=2
     -1 .Not in universe
                                                         D A-WHYNL7 1
         1 .Within past 12 months
٧
                                                            Family responsibilities
        2 .1 Up to 2 years ago
        3 .2 Up to 3 years ago
4 .3 Up to 4 years ago
                                                         U A-WANTJB (1-24C)=1 or 2
                                                              -1 .Not in universe
1 .Entry
        5 .4 Up to 5 years ago
                                                         ٧
         6 .5 or more years ago
                                                         D A-WHYNL8 1 179
         7 .Never worked
                                                          In school or other training
                                                         U A-WANTJB (I-24C)=1 or 2
                170
D A-WHYLFT
           1
                                                         V -1 .Not in universe
V 1 .Entry
    Item 24B - Why did ... leave that job
U A-NLFLJ (I-24A)=1-5
        -1 .Not in universe
         1 .Personal, family or school
                                                         D A-WHYNL9
                                                                     1
                                                            Ill health
         2 .Health
                                                         U A-WANTJB (I-24C)=1 or 2
         3 .Retirement or old age
                                                         V -1 .Not in universe
         4 .Seasonal job completed
         .conditions
                                                         D A-WHYNLA 1 181
         6 Temporary nonseasonal job
         .completed
7 .Unsatisfactory work arrangements
                                                             Other
                                                         U A-WANTJB (I-24C)=1 or 2
                                                                -1 .Not in universe
         8 .Other
                                                                  1 .Entry
D A-WANTJB
           1 171
    Item 24C - Does ... want a regular
                                                         D A-WHYNLB 1 182
     job now, either full or part-time
                                                             Don't know
                                                         U A-WANTJB (I-24C)=1 or 2
U A-NLFROT (1-24)=2
                                                         V -1 .Not in universe
V 1 .Entry
     -1 .Not in universe
1 .Yes
٧
         2 .Maybe-it depends
٧
                                                         D A-INTEND
          3 .No
                                                                    1 183
٧
                                                              Item 24E - Does ... intend to look
         4 .Don't know
                                                              for work of any kind in the next
**********
                                                              12 months
* Item24D - What are the reasons ... is *
                                                         U A-NLFROT (1-24)=2
                                                              -1 .Not in universe
* not looking for work
* (Multiple entries possible)
                                                                  1 .Yes
                                                               2 .1t depends
                                                                  3 .No
                                                         v
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-EARNRT 1 184
Item 25 - Interviewer check item
    Couldn't find any work
                                                         U A-CHKWJ (I-23F)=1 or 2
U A-WANTJB (I-24C)=1 or 2
                                                         V -1 .Not in universe
V 1 .HIS 1,2,3,5,6,7
V 2 .HIS 4, 8
V -1 .Not in universe V 1 .Entry
D A-WHYNL3 1 174
                                                              JSLHRS 2 185
Item 25A - How many hours per week
   Lacks nec. schooling, etc.
                                                         D A-USLHRS
U A-WANTJB (1-24C)=1 or 2
                                                              does ... usually work at this job
     -1 .Not in universe
1 .Entry
                                                         U EARNRT (1-25)=2
                                                             -1 .Not in universe
                                                              00-99 .Entry
D A-WHYNL4 1 175
  Employers think too young or too old
                                                         D A-HRLYWK 1 187
Item 25B - Is ... paid by the hour
U A-WANTJB (I-24C)=1 or 2
    -1 .Not in universe
1 .Entry
                                                              on this job
                                                          U A-EARNRT (1-25)=2
                                                              -1 .Not in universe
1 .Yes
D A-WHYNL5 1 176
  Other personal handicap in finding job
U A-WANTJB (1-24C)=1 or 2
                                                                  2 .No
     -1 .Not in universe
```

1 .Entry

```
SIZE BEGIN
                   SIZE BEGIN
                                                                                                        DATA
DATA
                                                                                                                            5 .Natural/adopted child
D A-UNMEM
        Item 25E - On this job, is ... a member
                                                                                                                             6 .Step child
                                                                                                                            7 .Grandchild
        of a labor union or of an employee
                                                                                                                            8 .Parent
        association similar to a union
                                                                                                                            9 .Brother/sister
U A-EARNRT (1-25)=2
          -1 .Not in universe
                                                                                                                           10 .Other relative
٧
                                                                                                                           11 .Foster child
                1 .Yes
                                                                                                                           12 .Nonrelative with relatives
                  2 .No
                                                                                                                           13 .Partner/roommate
                                                                                                                           14 .Nonrelative without relatives
                            189
D A-UNCOV
         Item 25F - On this job, is ... covered
         by a union or employee association
                                                                                                           D A-LFSR, ..... 1 ... 198
                                                                                                                   Labor force status recode
         contract
U A-UNMEM (1-25E)=2
          -1 .Not in universe
1 .Yes
                                                                                                                             1 .Working
٧
                                                                                                                             2 .With job, not at work
                                                                                                           ٧
                                                                                                                             3 .Unemployed, looking for work
                  2 .No
                                                                                                                             4 .Unemployed, on layoff
                                                                                                                             5 .NILF - working w/o pay < 15 hrs
D A-ENRCHK 1
                             190
                                                                                                                              .Temp. absent from w/o pay job
        Item 26 - Interviewer check item
                                                                                                                             6 .NILF - unavailable
                                                                                                                             7 .Other NILF
                  1 .This person is 16-24 years of
٧
                                     المتناف المنازية والمناف المنافق المنا
                                                                                                          D A-UNTYPE 1
                                                                                                                                                    racin main seminaran, in live in Fig.
                                                                                                                                        199
                  2 .All others
٧
                                                                                                                  Reason for unemployment
                                                                                                           U A-LFSR=3 or 4
                            191
         Item 26A1 - Last week was ... attending
                                                                                                           V
                                                                                                                           -1 .Not in universe
                                                                                                                             1 .Job loser - on layoff
         or enrolled in a high school, college
                                                                                                                             2 .Other job loser
         or university
                                                                                                                             3 .Job leaver
U A-ENRCHK (I-26)=1
                                                                                                                              4 .Re-entrant
           -1 .Not in universe
1 .Yes
                                                                                                           ٧
                                                                                                                             5 .New entrant
ν
٧
               2 .No
                                                                                                                                           200
                                                                                                           D A-NLFREA 2
                                                                                                                    Current activity/reason not looking
                                192
D A-HSCOL
                        1
                                                                                                                    for NILF reason
        Item 26A2
                                                                                                            U LFSR=5, 6 or 7 and MIS=4 or 8
U A-ENRLW (I-26A1)=1
                                                                                                                           -1 .Not in universe
           -1 .Not in universe
                                                                                                                             1 .School
                                                                                                            ٧
                 1 .High school
٧
                                                                                                                             2 .Ill, disabled
                2 .College or university
                                                                                                                             3 .Keeping house
                                                                                                            ٧
                                                                                                                             4 .Retired or old age
                                                                                                            ٧
                                                                                                            ٧
                                                                                                                              5 .No desire
         Item 26B - Is ... enrolled in school
                                                                                                                            6 .Employers think too young or
                                                                                                            ٧
         as a full-time or part-time student
                                                                                                                                .old
 U A-ENRLW (I-26A1)=1
                                                                                                            ٧
                                                                                                                             7 .Lacks education or training
          -1 .Not in universe
                                                                                                                             8 .Other personal reason
                 1 .Full time
                                                                                                                              9 .Could not find work
                   2 .Part time
                                                                                                                            10 .Thinks no job available
                                                                                                                            11 .Other
 **********
           Adult Recodes
                                                                                                                                  1
                                                                                                                                            202
                                                                                                            D A-WKSTAT
                                                                                                                    Full/part-time status
                                                                                                            U All
 D A-REORGN 2 194
                                                                                                                              1 .Not in labor force
         Item 18K - Origin
                                                                                                                              2 .Full-time schedules
                                                                                                            ٧
 U All
                                                                                                                              3 .Part-time for economic
                                                                                                            ٧
                   1 .Mexican American
                                                                                                                                 .reasons, usually full-time
                                                                                                            ٧
                   2 .Chicano
                                                                                                                              4 .Part-time for non-economic
                   3 .Mexican (Mexicano)
 ٧
                                                                                                                                 .reasons, usually part-time
 ٧
                  4 .Puerto Rican
                                                                                                                              5 .Part-time for economic
                                                                                                            ٧
                  5 .Cuban
 ٧
                                                                                                                                .reasons, usually part-time
                   6 .Central or South American
 ٧
                                                                                                                              6 .Unemployed full-time7 .Unemployed part-time
                                                                                                            ٧
                  7 .Other Spanish
                  8 .All other
 ٧
                   9 .Don't know
                                                                                                                                  1
                                                                                                                                            203
                                                                                                            D A-EXPLF
                 10 .NA
                                                                                                                    Experienced labor force employment
 D A-EXPRRP 2 196
                                                                                                                     status
                                                                                                            U LFSR=1-4 and A-COW NE 8
         Expanded relationship code
                                                                                                                            -1 .Not in experienced labor force
                                                                                                            ٧
 U All
                                                                                                            ٧
                                                                                                                              1 .Employed
                   1 .Reference person with
                                                                                                                              2 .Unemployed
 ٧
                      .relatives
                   2 .Reference person without
 ٧
 ٧
                      .relatives
                   3 . Husband
 ٧
                   4 .Wife
```

DATA SIZE BEGIN FOR LEGIS	DATA SIZE BEGIN
	V04, Job terminated
Labor force by time worked or lost U LFSR=1-4	V 05 .Holiday V 06 .Labor dispute
y -1 .Not in universe	V 07 .Bad weather
V 1 .At work	V 08 .Own illness
y 2 .With job, not at work	V 09 .On vacation
V 3 .Unemployed, seeks full-time V 4 .Unemployed, seeks part-time	V 10 .All other Usually work part-time
4 tolleliptoyed, seeks part trille	V 11 .Slack work
D A-CIVLF 1 205	V 12 .Could find only part-time
Civilian labor force	V 13 .Own illness
U LFSR=1-4	
V -1 .Not in universe V 1 .In universe	V .full-time V 15 .Full-time under 35 hours
y Fill Gill Vol 30	V 16 .Other
D A-FTLF 1 206	
Full-time labor force	D A-ABSREA 2 213
U LFSR=1-4 and Full-time V -1 .Not in universe	Reason not at work and pay status U LFSR=2
V 1 .In universe	V -1 .Not in universe
• • • • • • • • • • • • • • • • • • • •	Usually work full-time paid
D A-EMPHRS 2 207	V 01 .Vacation
Reasons not at work or hours at work	
U LFSR=1 or 2 V -1 .Not in universe	Not paid
With a job, but not at work	V 04 .Vacation
V 01 .Illness	V 05 .Illness
V 02 .Vacation	V 06 All other
V 03 .Bad weather V 04 .Labor dispute	Usually work part-time paid V 07 .Vacation
V 05 .All other	V 08 .Illness
At work	V 09 .All other
v 06 .1-4 hours	Not paid
V 07 .5-14 hours	V 10 .Vacation V 11 .Illness
V 08 .15-21 hours V 09 .22-29 hours	V 12 .All other
V 10 .30-34 hours	
V 11 .35-39 hours	D A-AG-NA 1 215
V 12 .40 hours	V -1 .Not in universe
V 13 .41-47 hours V 14 .48 hours	U All V 1 .Agriculture industry
V 15 .49-59 hours	V 2 .Nonagriculture industry
V 16 .60 hours or more	
	D A-MJIND 2 216
D A-PTHRS 2 209 At work 1-34 hours by hours at work	Major industry code U A-CLSWKR=1-7
U LFSR=1 and I20A<35	V -1 .Not in universe
V -1 .Not in universe	V 01 .Agriculture
V 00 Usually full-time, part-time	V 02 .Mining
V .for non-economic reasons Usually work full-time, part-time	V 03 .Construction Manufacturing
for economic reasons	V 04 .Manufacturing-durable goods
V 01 .1-4 hours	V 05 .Manufacturing-nondurable goods
V 02 .5-14 hours	Transportation, communications, and other
V 03 .15-29 hours V 04 .30-34 hours	public utilities V 06 .Transportation
Usually work part-time, economic reasons	V 07 .Communications
V 05 .1-4 hours	V 08 .Utilities and sanitary services
V 06 .5-14 hours	Wholesale and retail trade
V 07 .15-29 hours	V 09 .Wholesale trade V 10 .Retail trade
V 08 .30-34 hours Usually work part-time, noneconomic reasons	y 10 .Retail trade V 11 .Finance,insurance and real
V 09 .1-4 hours	V .estate
V 10 .5-14 hours	Services (12-20)
V 11 .15-29 hours	V 12 .Private household
v 12 .30-34 hours	Miscellaneous services V 13 .Business and repair
D A-PTREA 2 211	V 14 .Personal services, except
Detailed reason for part-time	V .private household
U LFSR=1 and I20A < 35	V 15 .Entertainment
V -1 .Not in universe	Professional and related services
Usually work full-time	<pre>V 16 .Hospital V 17 .Medical, except hospital</pre>
V 01 .Slack work V 02 .Material shortages, plant	V 18 .Educational
V .repair	V 19 .Social services
V 03 .New job started	

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DATA SIZE BEGIN	DATA SIZE BEGIN
y 20 .Other professional	Non-agriculture wage and salary Private industry
v 21 .Forestry and fisheries	v 05 .Private household
y 22 .Public administration	
V 23 .Armed Forces	V 06 Other private
	Government V 07 .Federal
D A-DTIND 2 218	
Detailed industry code	V 08 .State
See industry and occupation code	V 09 .Local
appendix for list of legal codes	V 10 .Self-employed
U A-CLSWKR=1-7	V 11 .Unpaid family
D A-MJOCC 2 220	D.A-EMP -1 229
Major occupation code	Employed persons (excluding farm
U A-CLSWKR=1-7	workers and private household workers)
V -1 .Not in universe	U All
Managerial and professional	V -1 .Not in universe
V 01 .Executive, admin. and	V 1 .In Universe
V .managerial	
v 02 .Professional specialty	D A-NAGWS 1 230
Technical, sales and admin. support	UALL
y 03 .Technicians and related support	Non agricultural wage and salary
v 04 .Sales	workers
V 05 Administrative support,	VV
v including classical	V 1 .In Universe
y .including clerical	V III OIII VEI SE
Service	D A-RCOW 1 231
v 06 Private household	D A-RCOW 1 231 U All
V 07 .Protective service	= ::::
V 08 Other service	Class of worker recode
V 09 .Precision production, craft and	V -1 .Not in universe
V .repair	V 1 .Private
Operators, fabricators and laborers	V 2 .Federal
V 10 .Machine operators, assemblers	V 3.State
V .and inspectors	V 4 .Local
V 11 .Transportation and material	V 5 .Se-uninc.
V .moving	V 6 .Without pay
V 12 .Handlers, equip. cleaners, etc.	V 7 .Never worked
V 13 .Farming, forestry and fishing	
V 14 .Armed Forces	D A-NCAGPWS 1 232
V 15 .No previous experience - never	U All
V .worked	Nonagricultural private wage and
y . NOI KEG	salary workers (Except private
D A-DTOCC 2 222	household)
Detailed occupation code	V -1 .Not in universe
See industry and occupation code	V 1.In universe
	* 1 .111 dill voi 00
appendix for list of legal codes	D A-HERNTP 4 233
U A-CLSWKR=1-7	Hourly earnings top code
2 4 7217	V -1 .Not in universe
D A-ERNEL 1 224	
Earnings eligibility flag	V 0-9999 .Hourly earnings value
UALL	V .(2 implied decimal places)
V 0 .Not earnings eligible	
V 1 .Earnings eligible	D A-WERNTP 4 237
	Weekly earnings top code
D A-IOELIG 1 225	V -1 .Not in universe
U All	V 0-1927 .Weekly earnings value
Industry and occupation eligibility	
flag	D A-HERNTF 1 241
V 0 .Not I and O eligible	Hourly earnings top code flag
V 1 .I and O eligible	V -1 .Not in universe
•	V 0 .Not top coded
D A-DSCWK 1 226	V 1 .Top coded
Discouraged worker flag	•
U All	D A-WERNTF 1 242
V 0 .Non-discouraged worker	Weekly earnings top code flag
V 1 .Discouraged worker	V -1 .Not in universe
t in isobal aged motives	V 0 .Not top coded
D A-DTCLWK 2 227	V 1 .Top coded
- 11 - 1 - 1 - 1 - 1	+ 1 stop coded
Detailed class of worker	D A-FERNTP 4 243
U A-CLSWKR=1-7	
V -1 .Not in universe	Family earnings top code
V 00 .Old Not in universe	v -1 .Not in primary family or
Agriculture wage and salary	v .not in universe
V 01 .Private	V 0000-9999 .Family earnings value
V 02 .Government	
V 03 .Self-employed	
V 04 Unpaid family	
	44

DITE DECIN	DATA SIZE BEGIN
DATA SIZE BEGIN	•
D A-FERNTF 1 247	v 5 .All children 14-17 years old
Family earnings top code flag	v 6 .Children 0-2 and 3-5
y -1 .Not in universe	v .(none 6-17)
V 0 .Not top codes	v 7 .Children 0-2 and 6-13
y 1 .Top Coded	v .(none 3-5 or 14-17)
•	v 8 .Children 0-2 and 14-17
**********	v .(none 3-13)
* Adult Weights *	v 9 .Children 3-5 and 6-13
**********	v .(none 0-2 or 14-17)
	v 10 .Children 3-5 and 14-17
D A-FNLWGT 8 248 2	v .(none 0-2 or 6-13)
Adults final weight (2 implied	v 11 .Children 6-13 and 14-17
decimal places)	V .(none 0-5)
UALL	v 12 .Children 0-2, 3-5 and 6-13
	V .(none 14-17)
D A-ECRNLWT 8 256 2	v 13 .Children 0-2, 3-5 and 14-17
Earnings/not in labor force weight	V .(none 6-13)
(2 implied decimal places)	v 14 .Children 0-2, 6-13 and 14-17
U H-MIS=4 or 8	v .(none 3-5)
	v 15 .Children 3-5, 6-13 and 14-17
D A-VETWGT 8 264 2	v .(none 0-2)
Veteran's weight	y 16 .Children from all age groups
(2 implied decimal places)	A Commence of the second secon
family recodes	D A-PFREL 1 279
U All	Primary family relationship
•	V 0 .Not in primary family
D A-FAMNUM 2 272	UALL
Family number	V 1 .Husband
U All	V 2.Wife
V 00 .Not a family member	V 3.0wn child
V 01 .Primary family member only	V 4 .Other relative
V 02-19 Subfamily member	V 5 .Unmarried reference person
D A-FAMTYP 1 274	D A-PFSIZE 2 280
Family type	Size of primary family
U All	UALL
V 1 .Primary family	v 00 Not in primary family
V 2 .Primary individual	v 02-39 .Number individuals
V 3 .Related subfamily	$V \qquad .(A-FAMTYP = 1 \text{ or } 3)$
V 4 .Unrelated subfamily	
V 5 .Secondary Individual	D A-PFHHAG 1 282
·	Age of primary family householder
D A-FAMREL 1 275	U All
Family relationship	v 0.Not a family member
U All	v 1 .< 25 years old
V O .Not a family member	v 2.25-44 years old
V 1 .Reference person	y 3 .45-54 years old
V 2 .Spouse	v 4 .55-64 years old
v 3.child	v 5 .65+ years old
V 4 .Other relative (primary family	
y .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
U All	v 0 .Not in primary family/no male
V 0 .Not in primary family	V 1 .Employed earner
V 1 .No children	v 2 .Self-employed
V 2.1 child	y 3 .Without pay
V 3.2 children	V 4 .Unemployed
V 4.3 children	y 5 .Not in labor force
V 5.4 children	V 6 .Armed Forces
V 6.5 children	D A-LFESF 1 284
V 7.6 children	
V 8.7 children	Labor force and earner status (female)
V 9.8+ children	of wife of primary family or female
	householder
D A-PFPRCD 2 277	U All
Presence of own children < 18 in	y 0 .Not in primary family/no female
primary family.	v 1 .Employed earner
U All	v 2 .Self-employed
V 0 .Not in primary family	V 3 .Without pay
v 1 .No children < 18 years old	V 4 .Unemployed
y 2 .All children 0-2 years old	v 5 .Not in labor force
v 3 .All children 3-5 years old	V 6 .Armed Forces
y 4 .All children 6-13 years old	
	C 10

DATA	SIZE BEGIN	DAT	A	SIZI	E BEGIN		
D A-PFWS	1 285	D	A%LINEN		1 310	ation flag	
	ary family earners wage and salary	v	LIIIC		No chang	_	
	us (16+)	v			Blank to		
UALL	4 Not in maintain family	v			Value to		
v.	-1 .Not in primary family	٧		Э.	value to	value	
V	0 .Not in primary family		49000		1 311		
V	1 .No one employed	ט	AXRRP				
V	2 .Some employed - no wage and					reference person	
V	.salary workers				n flag		
٧	With wage and salary workers,	v			No chang		
V	.husband/wife or reference v	v			Blank to		
V	.person self-employed	۷,۰۰۰,۰۰۰			Value to		
V	4 .With wage and salary workers,	V		ο.	value to	value - no err	OL.
V	.husband/wife or reference person	_			4 710	,	
V	.not self-employed other	U	AXPAREN		1 312		41 am
	ehold member self-employed	.,				mber allocation	rtag
٧	5 .With wage and salary workers	v			No chang		
V	.only	V			Blank to		
		V			Value to		
D A-PFFTPT		V		٠ ,	value to	value - no err	OL.
Usual	l full-time/part-time status of	_			4 717	•	
	ary family earners (16+)		AXAGE		1 313		
U H-MIS=4			Age	aLLoc	ation fl	lag	etings victoria
٧	-1 .Not in universe (MIS 1,2,3,5,6,7)	V			No chang		
V	O .Not in primary family	V			Blank to		
٧	1 .No earners	٧		4.	.Allocate	ea	
V	2 .All earners full-time	_			4 74/	,	
V	3 .Some full-time, some part-time	Ü	A%MARI		1 314		
٧	4 .All earners part-time					llocation flag	
V	5 .Not in universe	V			No chang	-	
		V			Blank to		
D A-PFEAR		٧			.Value to		
	l weekly family earnings (for	V			.Allocate		
	ers 16+)	٧	'	Э.	.value to	o value - no err	or
U H-MIS=4			480001	. -	1 315	•	
V	-1 .Not in primary family or not	U	A%SPOUS			mber allocation	flog
V	in universe		•		No chang		itag
A 0000-A	999 .Usual weekly family earnings		,		.Blank to		
D A-PFNOE	R 1 291		•		.Value to		
	er of earners in primary family 16+	V				o value – no err	or
UALL	er of earliers in primary runnity to	•		•			
V	-1 .Not in universe (not in	D	A%SEX		1 316	6	
Ÿ	.primary family)		Sex	allo	cation fl	lag	
v	0 .No earners	١	,	0 .	.No chang	ge	
	1-8 .1-8 earners	\	1	2 .	.Blank to	o value	
v	9 .9+ earners	1	1	3	.Value to	o value	
·	• • • • • • • • • • • • • • • • • • • •	\	1	4	.Allocate	ed	
D A-PFNOE	M 1 292						
Numb	er of employed in primary	E	A%VET		1 317	7	
	ly 16+		Vet	eran :	status a	llocation flag	
V	-1 .Not in universe	1	1	0	.No chang	ge	
Ÿ	O .No one employed	1	1	2	.Blank to	o value	
	1-8 .1-8 employed	'	1	3	.Value to	o value	
v	9 9+ employed	1	<i>i</i>	4	.Allocate	ed	
	• •	•					
D A-PFNOU	in 1 293	0	A%HGA		1 318		
Numb	er of unemployed in primary		Hig			tended allocatio	on flag
fami	ly 16+	'	<i>!</i>		.No chang		
U All	•	,	1	4	.Allocate	ed	
٧	-1 .Not in universe (not in						
V	.primary family)		A%HGC		1 319	9	
٧	0 No unemployed		Hig	hest :	grade con	mpleted allocati	ion flag
	1-8 .1-8 unemployed	1	1	0	.No chang	ge	
v	9 .9+ unemployed	1	1	2	.Blank to	o value	
D A-FAMWG	it 8 294 2	. [A%RACE		1 320		
Fami	ly weight - two implied decimal				ocation	-	
plac	•	1	1		.No chang	•	
UALL		,	<i>!</i>		.Blank to		
		. 1	<i>!</i>	4	.Allocate	ed	
D A-FMEWG	T 8 302 2						
	ly earnings weight (2 implied						
	mal places) allocation flags						
U H-MIS=4	or 8						

DATA	SIZE BEGIN	DATA SIZE BEGIN
D A%ORIGIN	1 321	D AZWHYABS 1 332
	allocation flag	V 0 .No change
V	0 .No change	v 1 .Value to blank
V	2 .Blank to value	V 2 Blank to value
V	5 .Value to value - no error	V 3.Value to value V 4.Allocated
٧	8 .Blank to N/A code	y 4 .Attocated
D A%LFSR	1 322	D AXPAYABS 1 333
	force status recode allocation	V 0 .No change
flag		V 1 .Value to blank
V	0 No change	V 2 .Blank to value
٧	4 .Allocated	V 3.Value to value V 4.Allocated
D A%MAJACT	1 323	V 4 .Attocated
V AZMAJACI	0 No change	D AXFTABS 1 334
v	1 .Value to blank	V 0 .No change
v	2 .Blank to value	V 1 .Value to blank
٧	3 .Value to value	V 2 .Blank to value
V	4 .Allocated	V 3.Value to value V 4.Allocated
D 48/411VI IV	4 72/	V 4 .Allocated
D A%ANYWK V	1 324 0 .No change	D A%LKWK 1 335
v	1 .Value to blank	V Na shama
v	2 .Blank to value	V 1 .Value to blank
v	3 .Value to value	V 2 .Blank to value
v	4 .Allocated	V 3 .Value to value
	4 705	V 4 .Allocated
D A%HRS	1 325	D A%MTHD 1 336
V	O .No change 1 .Value to blank	V 0.No change
V V	2 .Blank to value	V 1 .Value to blank
v	3 .Value to value	V 2 .Blank to value
Ÿ	4 .Allocated	V 3 .Value to value
		V 4 .Allocated
D A%HRSCHK		
V	0 No change	D AXWHYLK 1 337
V	1 .Value to blank	V 0 .No change V 1 .Value to blank
V V	2 .Blank to value 3 .Value to value	V 2 Blank to value
v	4 .Allocated	V 3 .Value to value
•	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	V 4 .Allocated
D A%USLFT	1 327	
V	0 .No change	D AXWKSLK 1 338
V	1 .Value to blank	V 0 .No change V 1 .Value to blank
V V	2 .Blank to value 3 .Value to value	V 2 Blank to value
v	4 .Allocated	V 3 .Value to value
•		V 4 .Allocated
D A%FTREAS	1 328	
٧	O .No change	D AXLKFTPT 1 339
V	1 .Value to blank	<pre>V 0 .No change V 1 .Value to blank</pre>
V V	2 .Blank to value 3 .Value to value	V 2 Blank to value
v	4 .Allocated	V 3 .Value to value
•		V 4 .Allocated
D A%LOSTIM	1 329	
V	0 .No change	D AXAVAIL 1 340
V	1 .Value to blank	<pre>V 0 .No change V 1 .Value to blank</pre>
y	2 .Blank to value	<pre>V 1 .Value to blank V 2 .Blank to value</pre>
V V	3 .Value to value 4 .Allocated	V 3 .Value to value
٧	- Attocated	V 4 .Allocated
D A%OVRTIM	1 330	
٧	0 .No change	D AXWHYNA 1 341
V	1 .Value to blank	V 0 .No change
V	2 .Blank to value	V 1 .Value to blank V 2 .Blank to value
V	3 .Value to value	<pre>V 2 .Blank to value V 3 .Value to value</pre>
V	4 .Allocated	V 4 Allocated
D A%JOBABS	1 331	
V	0 .No change	D AMHENLJ 1 342
v	1 .Value to blank	V 0 .No change
V	2 .Blank to value	V 1 .Value to blank
V	3 .Value to value	V 2 .Blank to value V 3 .Value to value
٧	4 .Allocated	<pre>V 3 .Value to value V 4 .Allocated</pre>
		T TINITOCATEG

DATA	SIZE BEGIN ALL STATES	DATA SIZE BEGIN
PAIN	,	D AXHRLYNK 1 352
		y -1 .Not in universe
D A%IND	1 343	y 0 .No change
٧	O .No change	y 1 .Value to blank
٧	1 .Value to blank	y 2 .Blank to value
٧	2 .Blank to value	y 3 .Value to value
٧	3 .Value to value	v 4 .Allocated
٧	4 .Allocated	y 4 .Attocated
		D AXHRSPAY 1 353
D A%OCC	1 344	D AXHRSPAY 1 353 v -1 Not in universe
V	O .No change	• • • • • • • • • • • • • • • • • • • •
٧	1 .Value to blank	y 0 .No change
V	2 .Blank to value	y 1 .Value to blank
V	3 .Value to value	y 2 .Blank to value
V	4 .Allocated	y 3 .Value to value
		y 4 .Allocated
D A%CLSWK	R 1 345	
٧	0 .No change	D AXGRSWK 1 354
v	1 .Value to blank	y -1 .Not in Universe
v	2 .Blank to value	y 0 No change
v	3 .Value to value	y 1 .Value to blank
v	4 .Allocated	y 2 .Blank to value
•		y 3 .Value to value
D A%NLFLJ	1 1 346	vv4_Allocatedautomated
V	0 .No change	
v	1 .Value to blank	D A%UNMEM 1 355
v	2 .Blank to value	v -1 .Not in universe
v	3 .Value to value	V 0 .No change
v	4 .Allocated	v 1 .Value to blank
•		v 2 .Blank to value
D A%WHYLF	FT 1 347	y 3 .Value to value
ν ,,,,,,,,,,,	0 .No change	y 4 .Allocated
Ÿ	1 .Value to blank	·
v	2 .Blank to value	D AXUNCOV 1 356
v	3 .Value to value	y -1 Not in universe
v	4 .Allocated	V 0.No change
•	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	y 1 Value to blank
D A%WANT	JB 1 348	y 2 .Blank to value
V	0 .No change	y 3 .Value to value
v	1 .Value to blank	v 4 .Allocated
v	2 .Blank to value	
v	3 .Value to value	d amenrchk 1 357
v	4 .Allocated	V 0 .No change
•		v 1 .Value to blank
D A%WHYN	L 1 349	y 2 .Blank to value
V	0 .No change	y 3 .Value to value
v	1 .Value to blank	v 4 .Allocated
v	2 .Blank to value	
v	3 .Value to value	D AXENRLW 1 358
v	4 .Allocated	V O .No change
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	v 1 .Value to blank
D A%INTE	:ND 1 350	v 2 .Blank to value
V	0 .No change	y 3 .Value to value
v	1 .Value to blank	v 4 .Allocated
v	2 .Blank to value	
v	3 .Value to value	d axhscol 1 359
v	4 .Allocated	v 0.No change
•		y 1 .Value to blank
D A%USLH	IRS 1 351	y 2 .Blank to value
V	0 No change	v 3 .Value to value
v	1 .Value to blank	y 4 .Allocated
V	2 .Blank to value	
V	3 .Value to value	D AXFTPT 1 360
V	4 .Allocated	y 0 .No change
٧	4 *1/(///////	y 1 .Value to blank
		v 2 .Blank to value
		y 3 .Value to value
		v 4 .Allocated

Children Interview Data Dictionary

	•
DATA SIZE BEGIN	DATA SIZE BEGIN
DATA SIZE BEGIN	
D H\$PAD1 1 1	y 11 .Student quarters in college
	y .dormitory
D H\$PAD2 1 2	V 12 ~ Other not HU
	n II Panu
D H-MONTH 2 3	D H-FARM 1 11 Farm def'n - edited using urban/rural
Month of survey	
UALL	code U All
v 01-12 .Month	From MST and CPS-1 Items 5A and 5B
	v 1 .Nonfarm
D H-YEAR 1 5	v 2.Farm
Year of survey - last digit	• • • • • • • • • • • • • • • • • • • •
U All V 0-9 .Last digit of year	D H-TYPINT 1 12
V 0-9 .Last digit of year	
D H-HHNUM 1 6	UALL
Household number	y -1 .Blank or impossible
U All	y 1 .Noninterview
γ -1 .Blank	v 2 Personal
y 1-8 .Household number	y 3 .Tel regular
, , , , , , , , , , , , , , , , , , , ,	v 4 .Tel callback
D H-CPSCHK 1 7	y 5 .ICR filled
Item 1 - Interviewer check item	4. 47
U All	D H-RESPNM 1 13
y -1 .Blank	Item 12 - Line no. HHLD resp.
v 1 .Only CPS-1 for household	U All
y 2 .First CPS-1 of continuation	y -1 Blank or impossible
y household	y 1-6 Line no. y 7 Non HHLD resp.
y 3 .Second CPS-1 of continuation	y 7 .Non HHLD resp.
v .household	D H-AREASN 1 14
v 4 .Third, fourth, etc. CPS-1	Item 14 - Reason for type A
	U H-HHTYPE=2
D H-DAYCHP 1 8	y -1 .Not in universe
Day interview complete	y 1 .No one home
U All	y 2 .Temporarily absent
V -1 .Blank V 1 .Sunday	v 3.Refused
V 1 .Sunday V 2 .Monday	v 4 .Other - occ.
v 3 .Tuesday	
V 4 .Wednesday	D H-ARACE 1 15
V 5 .Thursday	Item 14 - Race for type A
V 6 Friday	U K-HHTYPE=2
V 7 .Saturday	y -1 .Not in universe
V 8 .After interview week	v 1 .White
	V 2.Black
D H-LIVORT 2 9	V 3.Other
Item 4 - Type of living quarters	D H-TYPEBC 2 16
(Recode)	D 11 111 200
UALL	Item 15 - Type B/C U H-HHTYPE=3
Housing unit	y -1 .Not in universe
V 01 .House, apt., flat	Туре В
y 02 .HU in nontransient hotel, etc.	v 01 .Vacant - regular
V 03 .HU, perm., in trans. hotel,	y 02 .Vacant - storage of HHLD
γ .motel etc. γ 04 .HU in rooming house	y .furniture
	v 03 .Temp occ. by persons with URE
y 05 .Mobile home or trailer with y .no permanent room added	y 04 .Unfit or to be demolished
v 06 .Mobile home or trailer with 1	v 05 .Under construction, not ready
v .or more perm. rooms added	v 06 .Converted to temp. business
v 07 .HU not specified above	v .or storage
Other unit	v 07 .Occ. by AF members or persons
y 08 .Qtrs not HU in rooming or	y under 15
y .boarding house	v 08 .Unocc. tent or trailer site
y 09 .Unit not perm. in trans. hotel,	v 09 .Permit granted, construction not
V .motel, etc.	y .started
y 10 .Tent or trailer site	v 10 .Other

```
SIZE BEGIN
                                                              DATA
           SIZE BEGIN
DATA
    Type C
                                                               D H-TENURE 1
                                                                                    25
          11 .Demolished
                                                                    Tenure
         12 .House or trailer moved
          13 .Outside segment
                                                                          -1 .Not in universe
         14 .Converted to perm. business or
                                                                ٧
                                                                          1 .Owned or being bought
            .storage
                                                                           2 .Rent
                                                                ν
          15 .Merged
                                                                ٧
                                                                           3 .No cash rent
          16 .Condemned
          17 .Built after April 1, 1980
                                                                D H-FAMINC 2
                                                                                    26
          18 .Unused line of listing sheet
                                                                     Family income
Note: If a nonfamily household.
          19 .Other
                                                                     (H-FAMIND=0), income includes only
D H-SEASON 1 18
Item 16 - Seasonal status
                                                                     that of householder.
                                                                UALL
U H-TYPEBC=1-3
                                                                v
                                                                          -1 .Not in universe
          -1 .Not in universe
                                                                           0 .Less than $5,000
                                                                ٧
           1 .Year round
٧
                                                                          1 .$5,000 to $7,499
           2 .By migratory workers
V
                                                                          2 .$7,500 to $9,999
                                                                          3 .$10,000 to $12,499
          3 .Seasonally
                                                                         4 .$12,500 to $14,999
5 .$15,000 to $19,999
D H-OCCINT 1 19
     Item 17 - This unit is intended for
                                                                V
                                                             V 6..$20,000 to $24,999
V 7.$25,000 to $29,999
V 8.$30,000 to $34,999
V 9.$35,000 to $34,999
                                      حسسان بالمساد الجعاري
     occupancy
U H-SEASON=2 or 3 and H-LIVORT=1-7
        -1 .Not in universe
                                                                        9 .$35,000 to $39,999
10 .$40,000 to $49,999
11 .$50.000 to $59.000
          1 .Summers only
          2 .Winters only
3 .Other
                                                                 ٧
ν
                                                                          11 .$50,000 to $59,000
                                                                 ٧
٧
                                                                          12 .$60,000 to $74,999
                                                                 ٧
                                                                          13 .$75,000 and Over
D H-INTRV1 2
                                                                          19 .Not answered
      Interviewer code
      Blank or impossible in any digit
                                                                 D H-TELHHD
      interviewer code A00-M99 excluding IXX
                                                                     Telephone in household
           -1 .Blank
 ٧
                                                                 U All (March, July, Nov. only)
           A. 00
 ٧
                                                                         -1 .Not in universe (noninterview)
                                                                 v
           01 .B
                                                                           1 .Yes
           02 .C
 ٧
                                                                            2 .No
           03 .D
 ٧
           04 .E
 ٧
                                                                 D H-TELAVL
                                                                             1
           05 .F
 ٧
                                                                     Telephone available
 ٧
           06 .G
                                                                 U H-TELHHD=2 (March, July, Nov. only)
 ٧
           07 .H
                                                                       -1 .Not in universe
                                                                  ٧
 ٧
           08 .J
                                                                           1 .Yes
                                                                  ٧
 ٧
           09 .K
                                                                            2 .No
 ٧
           10 .L
 ٧
           11 .M
                                                                  D H-TELINT 1 30
 ٧
           12 .N
                                                                      Telephone interview acceptable
 ٧
           13 .P
                                                                  U H-TELHHD=1 or H-TELAVL=1 (March, July,
 ٧
           14 .Q
                                                                   Nov. only)
 ٧
           15 .R
                                                                        -1 .Not in universe 1 .Yes
 ۷
           16 .S
17 .T
                                                                             2 .No
 ٧
           18 .U
 ٧
           19 .V
                                                                              1 31
                                                                  D H-PRSCNT
 ٧
           20 .W
                                                                      Item 30 - Number of contacts - actual
 ٧
           21 .X
                                                                       and attempted -- personal
           22 .Y
 ٧
                                                                  U March, July, Nov. only
           23 .Z
                                                                           -1 .Blank
                                                                           1-6 .# of personal contacts
                                                                  ٧
 D H-INTRV2 1 22
                                                                               .(6 = 6+)
       Interviewer Code - digit 2
          -1 .Blank
                                                                  D H-TELCHT
                                                                              1
                                                                                     32
           0-9 .Interviewer code digit 2
                                                                      Item 30 - Number of contacts - actual
                                                                       and attempted -- telephone
 D H-INTRV3 1
                     23
                                                                  U March, July, Nov. only
      Interviewer Code - digit 3
                                                                        -1 .Blank
                                                                  v
       -1 .Blank
                                                                           1-9 .# of telephone contacts
           0-9 .Interviewer code digit 3
                                                                               .(9 = 9+)
                                                                  D H-TIMINT 1 33
Item 31 - Time of interview
      Item 27B - HKLD status change -
       replacement household
                                                                  U March, July, Nov. only
                                                                      -1 .Blank
  U All
            -1 .Blank
  ٧
                                                                            1 .Midnight to 6 A.M.
  v
            1 .Yes
                                                                             2 .6 to 9 A.M.
            2 .No
```

```
SIZE BEGIN
                                                           DATA
           SIZE BEGIN
DATA
                                                                              44 ... .
                                                            D H-MSTIND 5
          3 .9 A.m. to noon
                                                                 Master segment tape index
          4 .Noon to 3 P.M.
                                                                 Unique segment identifer
          5 .3 to 6 P.M.
٧
          6 .6 to 9 P.M.
٧
                                                                               49
          7 .9 P.M. to midnight
                                                                 Household weight (2 implied
******
                                                                 decimal places)
                                                                 Final household weight equivalent to
      Household recodes
                                                                 the weight of the wife in husband-wife
                                                                 households and the reference person
                                                                 in all other households
D H-HHTYPE 1 34
     Type of household
                                                              Allocation flags
           1 .Interview
٧
           2 .Type A non-interview
           3 .Type B/C non-interview
                                                                                58
                                                                      O .No change
D H-MIS
            1
                   35
                                                                       1 .Value to blank
     Month in sample
                                                                       4 .Allocated
         1-8 .Month in sample
                                                                                59
                                                             D HXFAMINC
                                                             D H-NUMPER 2 36
                                                                       2 .Blank to value
                                                             ٧
     Number of persons in household
                                                                       6 .Refusal to value, allocated,
                                                             ٧
 υAll
                                                                        .no error
                                                             v
          00 .Noninterview household
 ٧
        1-39 .Number of persons in HHLD
 ٧
                                                                         1 60
                                                             D H%ARACE
                                                                        0 .No change
                                                             v
 D H-TYPE
           1 38
                                                                        1 .Value to blank
                                                             ٧
      Household type
                                                                        4 .Allocated
 UALL
           O .Non-interview household
 ٧
                                                             D H%CPSCHK
           1 .Husband/wife primary family
                                                                        O .No change
             .(neither husband or wife in
 ٧
                                                                        2 .Blank to value
              .Armed Forces)
           2 .Husband/wife primary family
 ٧
                                                                                62
                                                              D H%DAYCMP
             .(husband and/or wife in armed
 ٧
                                                                        0 .No change
              .forces)
                                                                        2 .Blank to value
           3 .Unmarried civilian male
 Ÿ
              .primary family householder
                                                              D H%HHNUM
            4 .Unmarried civilian female
                                                                        0 .No change
             .primary family householder
                                                              ٧
                                                                        2 .Blank to value
            5 .Primary family household -
 ٧
                                                                        8 .Blank to NA - error
                                                              ٧
              .reference person in
              .Armed Forces and unmarried
                                                                        1 64
0 .No change
                                                              D H%INTRV
            6 .Civilian male primary
 ٧
              .individual
                                                                        2 .Blank to value
            7 .Civilian female primary
              .individual
                                                              D H%LIVQRT
            8 .Primary individual household -
                                                                        0 .No change
              .reference person in Armed Forces
 v
                                                                         4 .Allocated
            9 .Group quarters
                                                                        .7 .Blank to NA - no error
              1
                     39
  D H-TYPERP
                                                              D H%OCCINT
      Type of reference person
                                                                        0 .No change
  U H-HHTYPE=1
                                                                         1 .Value to blank
            O .Not in universe
  ٧
                                                                         4 .Allocated
            1 .Civilian
  ٧
            2 .Armed Forces
  ٧
                                                                         1 67
0 .No change
                                                              D H%RESPNM
            3 .Group quarters
                                                                         2 .Blank to value
  D H-NUMFAM 2 40
      Number of families in HHLD
                                                              D H%SEASON
  U H-HHTYPE=1
                                                                         0 .No change
          00 .Not in universe
                                                                         1 .Value to blank
         00-39 .Number of families
                                                                         4 .Allocated
  D H-HHDSEQ
              2
                     42
                                                                         1 69
0 .No change
1 .Value to blank
                                                               D H%STATUS
       Householder sequence number
       (reference person)
       (Will be first adult record for
                                                                         2 .Blank to value
       group quarters)
                                                                         3 .Value to value
  U H-HHTYPE=1
                                                                         8 .Blank to NA - error
          00 .Not in universe
         01-39 .Sequence number
                                                                                  70
```

D H%AREASN 1

```
SIZE BEGIN
                                                              DATA
           SIZE BEGIN
DATA
                                                                         46 Nebraska
           O .No change
                                                                                          1 .Value to blank
                                                                         47 .Kansas
                                                                    South Region (Region 3)
                                                                    South Atlantic Division (Div. 5)
D H%TYPEBC
                                                                         51 .Delaware
           O .No change
                                                                         52 .Maryland
           1 .Value to blank
                                                                         53 .District of Columbia
                                                                         54 .Virginia
            1
D H%TELHHD
                                                                         55 .West Virginia
           O .No change
                                                                         56 .North Carolina
           1 .Value to blank
                                                                         57 .South Carolina
           4 .Allocated
                                                                          58 .Georgia
                                                                         59 .Florida
              1
                                                                     East South Central Division (Div. 6)
D H%TELAVL
           1 /3
0 .No change
                                                                          61 .Kentucky
           1 .Value to blank
                                                                          62 .Tennessee
           4 .Allocated
                                                                          63 .Alabama
                                                                          64 .Mississippi
                                                                     West South Central Division (Div. 7)
D H%TELINT
           O .No change
                                                                          71 .Arkansas
           1 .Value to blank
                                                                          72 .Louisiana
           4 .Allocated
                                                                          73 .Oklahoma
                                                                        .....74. Texas ...
                                                                                           From property against parties on the first
                            ما الما الماسي ميزين المعالم معالمه الرابي بالماس ما الماسي ما الماس الماسيات
           1 75
0 .No change
 D H%PRSCNT
                                                                     West Region (Region 4)
                                                                     Mountain Division (Div. 8)
           2 .Blank to value
                                                                          81 Montana
                                                                          82 .Idaho
83 .Wyoming
 D H%TIMINT
                    76
           O .No change
                                                                          84 .Colorado
            2 .Blank to value
                                                                          85 .New Mexico
                                                                          86 .Arizona
             1
 D H%TELCNT
                                                                          87 .Utah
            O .No change
                                                                          88 .Nevada
            7 .Blank to NA - no error
                                                                     Pacific Division (Div. 9)
                                                                          91 .Washington
 *********
                                                                          92 .Oregon
     Master Segment Tape (M.S.T.) items *
                                                                          93 .California
      for M.S.T. variables whose ranges are *
                                                                           94 .Alaska
      not defined here, see geographic
      appendix to this DDL. *
                                                                           95 .Hawaii
                                                                 D HG-STRN 2 81
                                                                      1980 State rank
             1
 D HG-REG
                                                                      (See Geographic Appendix)
      Region
            1 .Northeast
                                                                 D HG-FIPS
                                                                             2
            2 .Midwest
 ٧
                                                                      FIPS State code
            3 .South
                                                                      (See Geographic Appendix)
            4 .West
 ٧
                                                                 D HG-MSAS
                                                                                     85
              2
                     79
 D HG-ST60
                                                                      MSA status
       1960 Census state code (first
                                                                            1 .In MSA, in CC
       digit = geog. division code)
                                                                            2 .In MSA, not in CC
                                                                 ٧
       Northeast Region (Region 1)
                                                                            3 .Not in MSA
       New England Division (Div. 1)
                                                                            4 .Not identified
            11 .Maine
            12 .New Hampshire
                                                                                     86
            13 .Vermont
                                                                       MSA or PMSA FIPS code
            14 .Massachusetts
15 .Rhode Island
                                                                         0000 .Not MSA/PMSA, not identified
                                                                  V 0040-9340 .MST/PMSA code
            16 .Connecticut
  ٧
                                                                       (See Geographic Appendix)
       Middle Atlantic Division (Div. 2)
            21 .New York
                                                                  D HG-PMSA
            22 .New Jersey
                                                                       PMSA rank
            23 Pennsylvania
                                                                           00 .Not a PMSA, not identified
       Midwest Region (Region 2)
                                                                         01-12 .Ranking of PMSA within its CMSA
       East North Central Division (Div. 3)
                                                                       (See Geographic Appendix)
            31 .Ohio
            32 .Indiana
            33 .Illinois
                                                                       MSA or CMSA rank
            34 .Michigan
                                                                       000 .Not an MSA, not identified 001-252 .Ranking of MSAs or CMSAs by
            35 .Wisconsin
       West North Central Division (Div. 4)
                                                                              .population
            41 .Minnesota
                                                                        (See Geographic Appendix)
            42 .lowa
  ٧
            43 .Missouri
  ٧
                                                                  D HG-MSSZ 2
            44 .North Dakota
  ٧
                                                                       MSA size
            45 .South Dakota
```

```
DATA SIZE BEGIN
        SIZE BEGIN
DATA
    First character -- padding
Second character -- pop. size MSA/CMSA
                                                      D C-RACE
                                                         Item 18J - Race
         1 .Not identified, not an MSA
         2 .100,000 - 249,999
3 .250,000 - 499,999
4 .500,000 - 999,999
                                                               1 .White
                                                      V
                                                               2 .Black
                                                      ٧
                                                               3 .Amer. Indian, Aleut Eskimo
         5 .1 million - 2,499,999
6 .2.5 million - 4,999,999
                                                      v
                                                               4 .Asian or Pacific Islander
5 .Other
                                                      ٧
         7 .5 million - 9,999,999
                                                      V
         8 .10 million or more
                                                      D PADDING 63 131
                                                          ******
D HG-CMSA
       00 .Not in CMSA, not identified
                                                      * Child recodes
      07-91 .CMSA code
                                                       ************
    (See Geographic Appendix)
                                                       D C-REORGN 2 194
Item 18K - Origin
         2 Nonmetropolitan
                                                             1 .Mexican American
         3 .Not identified
                                                            2 .Chicano
                                                            3 .Mexican (Mexicano)
                                                       V 4 Puerto Rican
V 5 Cuban
D H-INDVCC 1 100
     Individual central city identifier
     (See Geographic Appendix)
                                                            6 .Central or South American
7 .Other Spanish
D H-RECTYP 1 101
V 1 Interviewed adult
                                                           8 .All other
                                                            9 .Don't know
          2 .Type A noninterview
                                                           10 .NA
          3 .Type B/C noninterview
         4 .Armed Forces record
 ٧
                                                       D C-EXPRRP 2 196
          5 .Childrens record
                                                           Expanded relationship code
                                                       U All
          12 102
 D H-ID
                                                                 5 .Natural/adopted child
    Unique household identifer
                                                                6 .Step child
7 .Grandchild
 **********
                                                                9 .Brother/sister
 * Edited Children's Control Card Items *
                                                                10 .Other relative
 **********
                                                                11 .Foster child
                                                               12 .Nonrelative with relatives
 D C-LINENO 2 114
                                                                14 .Nonrelative without relatives
    Item 18A - Line number
 U ALL
                                                        D PADDING 50 198
 v 01-39 .line number
            2 116

    Child weights

    Item 18B - Relationship to
                                                        ********
     reference person
                                                        D C-FNLWGT 8 248
 UALL
       5 .Own child
                                                            Childs final weight
       7 .Brother/sister
                                                            (2 implied decimal places)
 ٧
       8 .Other relative of ref. person
       9 .Non-rel. of reference person with
         .own relatives in HHLD
                                                        D PADDING 16 256
       10 .Non-rel. of reference person-no
         .own relatives in HHLD
                                                        **********
                                                            Family recodes
  D C-PARENT 2 118
                                                        ********
    Item 18C - Parent's line number
  UALL
                                                        D C-FAMNUM 2 272
         00 .None
                                                           Family number
     01-39 .Parent's line number
                                                        UAll
                                                                 00 .Not a family member
                                                        ٧
  D C-AGE 2 120
                                                               01 .Primary family member only
                                                        ٧
   Item 180 - Age
                                                              02-19 .Subfamily member
  UALL
  v 00-14 Child age
                                                        D C-FAMTYP 1 274
                                                            Family type
  D PADDING 3 122
                                                        UALL
                                                               1 .Primary family
                                                        ٧
  D C-SEX 1 125
                                                             Primary individual
     Item 18G - Sex
                                                              Related subfamily
  U All
                                                              4 .Unrelated subfamily
        1 .Male
                                                              5 .Secondary individual
        2 .Female
  V
                                                        D C-FAMREL 1 275
  D PADDING 4 126
```

```
SIZE BEGIN
                                                              DATA
            SIZE BEGIN
DATA
                                                                U All
     Family relationship
                                                                           O .Not a family member
UALL
                                                                           1 .< 25 years old
                                                                ٧
           0 .Not a family member
                                                                           2 .25-44 years old
                                                                ٧
           1 .Reference person
٧
                                                                           3 .45-54 years old
                                                                ٧
           2 .Spouse
                                                                           4 .55-64 years old
           3 .Child
                                                                           5 .65+ years old
           4 .Other relative (primary
             .family and unrelated
ν
                                                                                   283
                                                                D C-LFESM
             .subfamily only)
                                                                     Labor force and earner status (male)
                                                                     of husband of primary family or
D C-PFNOCD
                   276
                                                                     male householder
     Number of own children < 18 in
                                                                U ALL
     primary family
                                                                            O .Not in primary family/no male
                                                                            1 .Employed earner
                                                                ٧
           O .Not in primary family
٧
                                                                           2 .Self-employed
                                                                 ٧
           1 .No children
                                                                           3 .Without pay
                                                                ٧
           2 .1 child
                                                                            4 .Unemployed
                                                                 v
           3 .2 children
                                                                            5 .Not in labor force
           4 .3 children
5 .4 children
                                                                            Armed Forces
           6 .5 children
                                                                                    284
                                                                 D C-LFESF
                                                                               1
           7 .6 children
                                                         Labor force and earner status (female)
            8 .7 children
                                                                      of wife of primary family or female
            9 .8+ children
                                                                      householder
                                                                 U All
 D C-PFPRCD
                    277
                                                                            O .Not in primary family/no
                                                                 ٧
      Presence of own children < 18 in
                                                                              .female
                                                                 ٧
      primary family.
                                                                            1 .Employed earner
 U All
                                                                            2 .Self-employed
            O .Not in primary family
                                                                            3 .Without pay
                                                                 ٧
            1 .No children < 18 years old
 ٧
                                                                            4 .Unemployed
            2 .All children 0-2 years old
3 .All children 3-5 years old
 ٧
                                                                            5 .Not in labor force
                                                                 ٧
 ٧
                                                                            6 .Armed Forces
            4 .All children 6-13 years old
 ٧
            5 .All children 14-17 years old
6 .Children 0-2 and 3-5
                                                                                    285
                                                                 D C-PFWS
 ٧
                                                                      Primary family earners wage and
              .(none 6-17)
 ٧
                                                                      salary status (16+)
            7 .Children 0-2 and 6-13
                                                                 U All
              .(none 3-5 or 14-17)
 ٧
                                                                             O .Not in primary family
            8 .Children 0-2 and 14-17
 ٧
                                                                             1 .No one employed
                                                                 ٧
              .(none 3-13)
 ٧
                                                                             2 .Some employed - no wage
            9 .Children 3-5 and 6-13
 ٧
                                                                               .and salary workers
               .(none 0-2 or 14-17)
                                                                             3 .With wage and salary workers,
           10 .Children 3-5 and 14-17
 ٧
                                                                              .husband/wife or reference
               .(none 0-2 or 6-13)
                                                                               .person self-employed
           11 .Children 6-13 and 14-17
 ٧
                                                                             4 .With wage and salary workers,
               .(none 0-5)
                                                                               .husband/wife or reference
           12 .Children 0-2, 3-5 and 6-13
                                                                               .person not self-employed other
               .(none 14-17)
                                                                               household member self-employed
  ٧
           13 .Children 0-2, 3-5 and 14-17
  ٧
                                                                             5 .With wage and salary workers
               .(none 6-13)
                                                                               .only
            14 .Children 0-2, 6-13 and 14-17
               .(none 3-5)
                                                                  D C-PFFTPT
                                                                                     286
            15 .Children 3-5, 6-13 and 14-17
                                                                       Usual full-time/part-time status of
               .(none 0-2)
                                                                       primary family earners (16+)
            16 .Children from all age groups
                                                                  U H-MIS=4 or 8
                                                                            -1 .Not in universe
                     279
  D C-PFREL
                                                                               .(MIS 1,2,3,5,6,7)
       Primary family relationship
                                                                             O .Not in primary family
  U All
                                                                             1 .No earners
             O .Not in primary family
  ٧
                                                                             2 .All earners full time
             1 .Husband
                                                                             3 . Some full time, some part time
             2 .Wife
  ٧
                                                                             4 .All earners part time
             3 .Own child
                                                                             5 .Not in universe
             4 .Other relative
             5 .Unmarried reference person
                                                                                     287
                                                                  D C-PFEARN
                                                                        Total weekly family earnings
  D C-PFSIZE
               2
                     280
                                                                        (for members 16+)
       Size of primary family
                                                                  U H-MIS=4 or 8
  UALL
                                                                           -1 .Not in primary family
                                                                   ٧
            00 .Not in primary family
  ٧
                                                                               .or not in universe
         02-39 .Number individuals
                                                                   V 0000-9999 .Usual weekly family earnings
               .(A-FAMTYP = 1 or 3)
                                                                                       291
                                                                   D C-PFNOER
                    282
                                                                        Number of earners in primary family 16+
               1
  D C-PFHHAG
       Age of primary family householder
```

```
SIZE BEGIN
                                                                                                                                        DATA
                     SIZE BEGIN
DATA
                                                                                                                                           D CXPARENT 1 312
                                                                                                                                                      Parent's line number allocation flag
                     -1 .Not in universe (not in
                                                                                                                                                                   O .No change
                         .primary family)
                                                                                                                                                                   2 .Blank to value
                       O .No earners
                                                                                                                                                                   3 .Value to value
                                                                                                                                           ٧
                   1-8 .1-8 Earners
9 .9+ Earners
                                                                                                                                                                    5 .Value to value - no error
                                                                                                                                           ٧
                                                                                                                                           D CXAGE
D C-PFNOEM 1 292
                                                                                                                                                     Age allocation flag
          Number of employed in primary
                                                                                                                                                                    0 .No change
            family 16+
                                                                                                                                                                    2 .Blank to value
                      -1 .Not in universe
                                                                                                                                                                    4 .Allocated .
                     0 .No one employed
 ٧
                    1-8 .1-8 Employed
                                                                                                                                            D PADDING
                                                                                                                                                                                      314
                        9 .9+ Employed
                                                                                                                                                                                  316
                                                                                                                                            D C%SEX
                                                                                                                                                                       1
 D C-PFNOUN 1 293
                                                                                                                                                        Sex allocation flag
            Number of unemployed in primary
                                                                                                                                                            No change
            family 16+
                                                                                                                                                                    2 .Blank to value
3 .Value to value
                                                                                                                                             v
                       -1 .Not in universe (not in
                                                                                                                                                                    4 .Allocated
                          .primary family)
 ٧
                       0 No unemployed
                                                                         D PADDING THE STATE OF THE THE STATE OF
                     1-8 .1-8 Unemployed
                        9 .9+ Unemployed
                                                                                                                                             D CXRACE 1 320
            ramwGT 8 294 2
Family weight - two implied
decimal places
l
                                                                                                                                                        Race allocation flag
  D C-FAMWGT 8
                                                                                                                                                              O .No change
2 .Blank to value
                                                                                                                                             ٧
                                                                                                                                                                     4 .Allocated
                                                                                                                                             ٧
                                                                                                                                             D C%ORIGIN
  D C-FMEWGT 8 302
                                                                                                                                                        Origin allocation flag
             Family earnings weight
                                                                                                                                                                 0 .No change
             (2 implied decimal places)
                                                                                                                                                                      2 .Blank to value
                                                                                                                                             ٧
   U K-MIS=4 or 8
                                                                                                                                                                      5 .Value to value - no error
                                                                                                                                                                      8 .Blank to n/a code
   **********
   * Allocation flags
                                                                                                                                             D PADDING 39
   *********
                                                                                                                                                                                    322
                             1
   D C%LINENO
            Line number allocation flag
                     No change
                          2 .Blank to value
                          3 .Value to value
   ٧
   D C%RRP
                                           311
              Relationship to reference person
              allocation flag
                     O .No change
                          2 .Blank to value
                           3 .Value to value
                            5 .Value to value - no error
```

ATTACHMENT 8

Current Population Survey

Armed Forces Interview Data Dictionary

```
SIZE BEGIN
            SIZE BEGIN
                                                              DATA
DATA
                                                                          11 .Student quarters in college
D H$PAD1
              1
                                                                v
                                                                             .dormitory
                                                                      12 nOther not HU
              1
                     2
D H$PAD2
                                                                D H-FARM
D H-MONTH
              2
                                                                     Farm def'n - edited using urban/rural
     Month of survey
                                                                UALL
      01-12 .Month
                                                                     From MST and CPS-1 Items 5A and 5B

    Nonfarm

            1
D H-YEAR
                                                                           2 .Farm
     Year of survey - last digit
                                                                D H-TYPINT
                                                                            1 12
         0-9 .Last digit of year
                                                                r --- Item 13 - Type interview
                               بمعلومة أحاله أأداد والأخرا وجراعه تعوم والراعة عادا العام السا
           1 6
                                                                U All
D H-HHNUM
                                                                          -1 .Blank or impossible
    Household number
                                                                           1 .Noninterview
                                                                ν
          -1 .Blank
                                                                ٧
                                                                           2 .Personal
                                                                           3 .Tel. - regular
4 .Tel. - callback
                                                                ٧
         1-8 .Household number
                                                                V
                                                                ٧
                                                                           5 .ICR filled
D H-CPSCHK
    Item 1 - Interviewer check item
                                                                D H-RESPNM
                                                                     Item 12 - Line no. KHLD resp.
          -1 .Blank
           1 .Only CPS-1 for household
                                                                UALL
           2 .First CPS-1 of continuation
                                                                          -1 .Blank or impossible
                                                                         1-6 .Line no.
7 .Non HHLD resp.
             .household
           3 .Second CPS-1 of continuation
٧
             .household
                                                                D H-AREASN 1 14
Item 14 - Reason for type A
           4 .Third, fourth, etc. CPS-1
D H-DAYCMP 1
                                                                U H-HHTYPE=2
     Day interview complete
                                                                          -1 .Not in universe
                                                                           1 .No one home
                                                                           2 .Temporarily absent
                                                                ٧
          -1 .Blank
                                                                           3 Refused
           1 .Sunday
                                                                           4 .Other - occ.
           2 .Monday
           Tuesday
           4 .Wednesday
                                                                     Item 14 - Race for type A
           5 .Thursday
                                                                U H-HHTYPE=2
           6 .Friday
                                                                v
                                                                          -1 .Not in universe
           7 .Saturday
           8 After interview week
                                                                           1 .White
                                                                           2 .Black
                                                                ٧
D H-LIVQRT 2 9
Item 4 - Type of living quarters
                                                                           3 .Other
                                                                D H-TYPEBC
      (Recode)
                                                                     Item 15 - Type B/C
U All
      Housing unit
                                                                U H-HHTYPE=3
                                                                           -1 .Not in universe
          01 .House, apt., flat
                                                                      Type B
          02 .HU in nontransient hotel, etc.
          03 .HU, perm., in trans. hotel,
                                                                ٧
                                                                           01 .Vacant - regular
                                                                           02 .Vacant - storage of HHLD
             .motel etc.
                                                                              .furniture
          04 .HU in rooming house
                                                                 ٧
          05 .Mobile home or trailer with
                                                                 ٧
                                                                           03 .Temp occ. by persons with URE
                                                                           04 .Unfit or to be demolished
             .no permanent room added
                                                                           05 .Under construction, not ready
          06 .Mobile home or trailer with 1
                                                                           06 .Converted to temp. business
             .or more perm. rooms added
 ٧
          07 .HU not specified above
                                                                              .or storage
                                                                           07 .Occ. by AF members or persons
     Other unit
                                                                             .under 15
          08 .Qtrs not HU in rooming or
             .boarding house
                                                                           08 .Unocc. tent or trailer site
 v
                                                                           09 .Permit granted, construction not
 ٧
          09 .Unit not perm. in trans. hotel,
                                                                              .started
 ٧
             .motel, etc.
                                                                           10 .Other
          10 .Tent or trailer site
```

```
SIZE BEGIN
                                                             DATA
            SIZE BEGIN
DATA
     Type C
                                                               D H-TENURE 1
          11 .Demolished
                                                                   Tenure
          12 .House or trailer moved
٧
                                                               U ALL
          13 .Outside segment
٧
                                                                         -1 .Not in universe
                                                               ٧
          14 .Converted to perm. business or
٧
                                                                         1 .Owned or being bought
          .storage
15 .Merged
٧
                                                                         2 Rent
                                                                         3 .No cash rent
                                                               ٧
          16 .Condemned
          17 .Built after April 1, 1980
                                                                            2
                                                               D H-FAMINC
                                                                                  26
          18 .Unused line of listing sheet
                                                                    Family income
          19 .Other
                                                                    Note: If a nonfamily household
                                                                    (H-FAMIND=0), income includes only
     SEASON 1 18
Item 16 - Seasonal status
D H-SEASON
                                                                    that of householder.
                                                               UALL
U H-TYPEBC=1-3
                                                                         -1 .Not in universe
          -1 .Not in universe
v
                                                                         0 .Less than $5,000
           1 .Year round
٧
                                                                         1 .$5,000 to $7,499
           2 .By migratory workers
v
                                                                         2 .$7,500 to $9,999
                                                               ٧
           3 .Seasonally
                                                                         3 .$10,000 to $12,499
4 .$12,500 to $14,999
                                                               ٧
D H-OCCINT 1 19
     Item 17 - This unit is intended for
                                                                         5 .$15,000 to $19,999
                                                                        -6-.$20,000 to $24,999
                                                                                                   Section of the section of
     occupancy
                                                                         7 .$25,000 to $29,999
                                                               ٧
U H-SEASON=2 or 3 and H-LIVORT=1-7
                                                                        8 .$30,000 to $34,999
         -1 .Not in universe
                                                               V
                                                                         9 .$35,000 to $39,999
                                                               ٧
           1 .Summers only
 v
                                                               ٧
                                                                         10 .$40,000 to $49,999
           2 .Winters only
 ٧
                                                                        11 .$50,000 to $59,000
           3 .Other
                                                                        12 .$60,000 to $74,999
                                                                         13 .$75,000 and Over
                                                               ٧
 D H-INTRV1 2
                                                                         19 .Not answered
      Interviewer code
      Blank or impossible in any digit
                                                                D H-TELHHD
                                                                           1
      interviewer code A00-M99 excluding IXX
                                                                    Telephone in household
           -1 .Blank
                                                                U All (March, July, Nov. only)
           00 .A
                                                                        -1 .Not in universe (noninterview)
                                                                ٧
 ٧
           01 .B
                                                                ٧
                                                                          1 .Yes
           02 .C
 ٧
                                                                          2 .No
 ٧
           03 .D
 ۷
           04 .E
                                                                D H-TELAVL 1
          05 .F
 ٧
                                                                     Telephone available
 ٧
          06 .G
                                                                U H-TELHHD=2 (March, July, Nov. only)
 ۷
          07 .н
                                                                        -1 .Not in universe
                                                                ٧
 ٧
          08 .J
                                                                ٧
                                                                          1 .Yes
 ٧
           09 .K
                                                                          2 .No
 ٧
          10 .L
 ۷
۷
           11 .M
                                                                D H-TELINT 1
           12 .N
                                                                     Telephone interview acceptable
 ٧
          13 .P
                                                                U H-TELHHD=1 or H-TELAVL=1 (March, July,
 ٧
           14 .Q
                                                                  Nov. only)
           15 .R
 ٧
                                                                       -1 .Not in universe
 ٧
          16 .S
                                                                ν
                                                                          1 .Yes
           17 .T
 ٧
                                                                          2 .No
 ٧
           18 .U
 ٧
           19 .V
                                                                            1 31
                                                                D H-PRSCNT
 ٧
           20 .W
                                                                     Item 30 - Number of contacts - actual
 ٧
           21 .X
                                                                     and attempted -- personal
 ٧
           22 .Y
                                                                U March, July, Nov. only
                                                                         -1 .Blank
                                                                V
                                                                         1-6 .# of personal contacts
 D H-INTRV2 1
                     22
                                                                             .(6 = 6+)
      Interviewer Code - digit 2
           -1 .Blank
                                                                D H-TELCHT
          0-9 .Interviewer code digit 2
                                                                     Item 30 - Number of contacts - actual
                                                                     and attempted -- telephone
  D H-INTRV3 1
                     23
                                                                U March, July, Nov. only
V -1 .Blank
      Interviewer Code - digit 3
       -1 .Blank
                                                                         1-9 .# of telephone contacts
          0-9 .Interviewer code digit 3
                                                                             .(9 = 9+)
  D H-STATUS 1
                                                                    -TIMINT 1 33
Item 31 - Time of interview
                                                                D K-TIMINT
       Item 27B - HHLD status change -
       replacement household
                                                                 U March, July, Nov. only
                                                                      -1 .Blank
            -1 .Blank
                                                                          1 .Midnight to 6 A.M.
            1 .Yes
  ٧
                                                                           2 .6 to 9 A.M.
                                                                 v
            2 .No
```

DATA	SIZE BEGIN	DATA SIZE BEGIN
		D H-MSTIND 5 - 44
ν	3 .9 A.m. to noon	Master segment tape index
V	4 .Noon to 3 P.M.	Unique segment identifer
٧	5 .3 to 6 P.M.	Unique Segment Toentities
v	6 .6 to 9 P.M.	n н-ннист 9 49 2
v	7 .9 P.M. to midnight	D H-HHWGT 9 49 2 Household weight (2 implied
-		decimal places)
****	*************	Final household weight equivalent to
	usehold recodes	the weight of the wife in husband-wife
****	******	households and the reference person
		in all other households
D H-HHTY	PE 1 34	In att other househotes
Тур	e of household	*********
UALL		.
٧	1 .Interview	* Allocation flags
V	2 Type A non-interview	***************************************
v	3 .Type B/C non-interview	n HYTENIJRE 1 58
•	••	D MAILTON.
D H-MIS	1 35	y 0 .No change
	nth in sample	y 1 .Value to blank
UALL		y 4 .Allocated
V	1-8 .Month in sample	D HYFAMINC 1 59
-		1 to the state of
D H-NUMP	PER 2 36	
Nun	mber of persons in household	y 2 .Blank to value y 6 .Refusal to value, allocated,
UALL		
V	00 .Noninterview household	y .no error
v	1-39 Number of persons in HHLD	D HYARACE 1 60
-		o manage
D H-TYPE		y 0 No change
	usehold type	y 1 .Value to blank
UALL		v 4 .Allocated
٧	O .Non-interview household	- usernatur 4 44
v	1 _Husband/wife primary family	D HXCPSCHK 1 61
v	.(neither husband or wife in	y 0.No change
V	.Armed Forces)	y 2 Blank to value
٧	2 .Husband/wife primary family	n H%DAYCMP 1 62
V	.(husband and/or wife in armed	D III
V	.forces)	y 0.No change y 2.Blank to value
٧	Unmarried civilian male	Y Z .Brank to votas
٧	.primary family householder	D H%HHNUM 1 63
V	4 .Unmarried civilian female	y 0 .No change
V	.primary family householder	y 2 .Blank to value
V	5 .Primary family household -	y 8 .Blank to NA - error
٧	reference person in	•
V	Armed Forces and unmarried	D H%INTRV 1 64
٧	6 .Civilian male primary	V 0 .No change
v.	.individual	y 2 .Blank to value
v	7 .Civilian female primary	
Ä	.individual 8 .Primary individual household -	D H%LIVORT 1 65
v	reference person in Armed Forces	y 0 .No change
V	. reterence person in Armed Forces	y 4 .Allocated
٧	9 .Group quarters	y 7 .Blank to NA - no error
B 11 T	PFRP 1 39	
D H-TY		D HXOCCINT 1 66
	ype of reference person	y 0 .No change
U K-HH		y 1 .Value to blank
V	O .Not in universe	y 4 .Allocated
V	1 .Civilian 2 .Armed Forces	
V		D H%RESPNM 1 67
٧	3 .Group quarters	V 0 .No change
D H-NU	MFAM 2 40	y 2 .Blank to value
ט מיאטני	umber of families in HHLD	
U H-HH		D HXSEASON 1 68
U #-nn V	00 .Not in universe	V 0 No change
V	00-39 Number of families	y 1 .Value to blank
•		y 4 .Allocated
р к-нн		D HYSTATUS 1 69
Н	ouseholder sequence number	D IIIAG I III G
(reference person)	y 0 .No change y 1 .Value to blank
Ċ	Will be first adult record for	
	roup quarters)	
	TYPE=1	
V	00 .Not in universe	γ 8 .Blank to NA - error
٧	01-39 .Sequence number	D H%AREASN 1 70
		n Hwarenam

```
SIZE BEGIN
                                                            DATA
           SIZE BEGIN
DATA
                                                                       46 .Nebraska
          0 .No change
                                                                       47 .Kansas
          1 .Value to blank
                                                                  South Region (Region 3)
                                                                  South Atlantic Division (Div. 5)
D H%TYPEBC
                                                                       51 .Delaware
          0 .No change
                                                                       52 .Maryland
           1 .Value to blank
                                                                       53 District of Columbia
                                                                       54 .Virginia
D H%TELHHD
                                                                       55 .West Virginia
          0 .No change
                                                                       56 .North Carolina
           1 .Value to blank
                                                                       57 .South Carolina
           4 .Allocated
٧
                                                                       58 Georgia
                                                                       59 .Florida
             1
                                                                  East South Central Division (Div. 6)
D H%TELAVL
           0 .No change
                                                                       61 .Kentucky
           1 .Value to blank
٧
                                                                       62 .Tennessee
           4 .Allocated
                                                                       63 .Alabama
                                                                       64 .Mississippi
D H%TELINT
                                                                   West South Central Division (Div. 7)
           O .No change
                                                                       71 .Arkansas
           1 .Value to blank
 ٧
                                                                       72 .Louisiana
           4 .Allocated
 ٧
                                                                       73 .Oklahoma
                                                                      --74 .Texas
                          عادا مروبهم بما وللمحمول بدلا الإصعاصا عسلالك
 D H%PRSCNT
                                                                   West Region (Region 4)
           0 .No change
                                                                   Mountain Division (Div. 8)
           2 .Blank to value
                                                                       81 .Montana
                                                                        82 .Idaho
 D H%TIMINT
                                                                        83 .Wyoming
                                                              ٧
           O .No change
                                                                        84 .Colorado
           2 .Blank to value
                                                                        85 .New Mexico
                                                              ٧
                                                                        86 .Arizona
                                                              ٧
 D H%TELCHT
                                                                        87 .Utah
           O .No change
                                                                        88 .Nevada
           7 .Blank to NA - no error
                                                                   Pacific Division (Div. 9)
                                                                        91 .Washington
 *********
                                                                        92 .Oregon
      Master Segment Tape (M.S.T.) items *
                                                                        93 .California
                                                              ٧
      for M.S.T. variables whose ranges are *
                                                                        94 .Alaska
      not defined here, see geographic
                                                                        95 .Hawaii
 D HG-STRN
                                                                          2
                                                                    1980 State rank
                    78
             1
 D HG-REG
                                                                    (See Geographic Appendix)
      Region
            1 .Northeast
  ٧
                                                               D HG-FIPS
            2 .Midwest
  ٧
                                                                    FIPS State code
            3 South
                                                                    (See Geographic Appendix)
            4 .West
  ٧
                                                                                  85
                                                               D HG-MSAS
                     79
               2
  D HG-ST60
                                                                    MSA status
       1960 Census state code (first
                                                                         1 .In MSA, in CC
       digit = geog. division code)
                                                                          2 .In MSA, not in CC
                                                               ٧
       Northeast Region (Region 1)
                                                                         3 .Not in MSA
       New England Division (Div. 1)
                                                                         4 .Not identified
           11 .Maine
           12 .New Hampshire
                                                               D HG-MSAC
                                                                                  86
           13 .Vermont
                                                                    MSA or PMSA FIPS code
            14 .Massachusetts
                                                                      0000 .Not MSA/PMSA, not identified
            15 .Rhode Island
                                                                  0040-9340 .MST/PMSA code
            16 .Connecticut
                                                                    (See Geographic Appendix)
       Middle Atlantic Division (Div. 2)
            21 .New York
                                                                                   90
                                                               D HG-PMSA
            22 .New Jersey
  ٧
                                                                    PMSA rank
            23 .Pennsylvania
  ٧
                                                                        00 .Not a PMSA, not identified
       Midwest Region (Region 2)
                                                                      01-12 .Ranking of PMSA within its CMSA
       East North Central Division (Div. 3)
                                                                     (See Geographic Appendix)
            31 .Ohio
            32 .Indiana
  ν
                                                               D HG-MSAR
            33 .Illinois
  ٧
                                                                     MSA or CMSA rank
            34 .Michigan
  ٧
                                                                       000 .Not an MSA, not identified
            35 Wisconsin
                                                                     001-252 Ranking of MSAs or CMSAs by
  ٧
       West North Central Division (Div. 4)
                                                                            .population
            41 .Minnesota
                                                                     (See Geographic Appendix)
            42 .Iowa
  ٧
            43 .Missouri
                                                                D HG-MSSZ
                                                                           2
            44 .North Dakota
                                                                     MSA size
            45 .South Dakota
```

```
DATA SIZE BEGIN
          SIZE BEGIN
DATA
                                                             D M-AGE 2 120
    First character -- padding
Second character -- pop. size MSA/CMSA
1 .Not identified, not an MSA
                                                                Item 18D - Age
                                                             UALL
                                                                    15-90 .AF Age (Age topcoded at 90)
          2 .100,000 - 249,999
3 .250,000 - 499,999
4 .500,000 - 999,999
                                                                              122
                                                             D M-MARITL 1
                                                                  Item 18E - Marital status
          5 .1 million - 2,499,999
6 .2.5 million - 4,999,999
                                                                        1 .Married - civilian spouse
          7 .5 million - 9,999,999
                                                                        .present
2 .Married - Armed Forces spouse
          8 .10 million or more
                                                                          .present
            2
                                                                        3 .Married - spouse absent
         00 .Not in CMSA, not identified
                                                                        .(exc. separated)
4 .Widowed
       07-91 .CMSA code
     (See Geographic Appendix)
                                                                        5 .Divorced
                                                                         6 .Separated
D H-METSTA 1 99
V 1 .Metropolitan
                                                                        7 .Never married
          2 Nonmetropolitan
                                                              D M-SPOUSE 2 123
          3 .Not identified
                                                                  Item 18F - Spouse's line number
D H-INDVCC 1 100
                                                              v 01-39 Spouse's line number
                                                              ----- 00 - . None
     Individual central city identifier
     (See Geographic Appendix)
                                                                        1 125
                                                              D M-SEX
                 101
                                                                  Item 18G - Sex
         1 .Interviewed adult
                                                              UALL
           2 .Type A noninterview
                                                                         1 .Male
           3 Type B/C noninterview
                                                                         2 .Female
           4 .Armed Forces record
           5 .Childrens record
 ν
                                                              D PADDING 1 126
           12
                 102
 DI-H G
                                                                       2 127
                                                              D M-HGA
     Unique household identifer
                                                                   Item 18H - Highest grade attended
                                                                        00 .None
 * Edited Armed Force's Control Card Items *
                                                                        01 .E1
                                                               ٧
                                                                        02 .E2
                                                                        03 .E3
                                                               ٧
 D M-LINENO 2 114
                                                               ٧
                                                                        04 .E4
    Item 18A - Line number
                                                                        05 .E5
 UALL
                                                               ٧
                                                                        06 .E6
 v 01-39 .Line number
                                                                        07 .E7
                                                               ٧
                                                                        08 .E8
             2 116
                                                                        09 .H1
                                                               ٧
     Item 18B - Relationship to reference
                                                                        10 .H2
      person
                                                                        11 .H3
                                                                         12 .H4
           1 .Reference person with other
                                                                         13 .C1
                                                               ٧
             .relatives in household
 ٧
                                                               ٧
                                                                         14 .C2
            2 .Reference person with no other
 ٧
                                                                         15 .C3
             .relatives in household
 ٧
                                                                         16 .C4
            3 .Husband
 ٧
                                                                         17 .C5
            4 .Wife
 ٧
                                                                         18 . C6+
           5 .Own child
 ٧
           6 .Parent
                                                               D M-HGC
                                                                            1 129
           7 .Brother/sister
 ٧
                                                                  Item 18I - Grade completed
          8 .Other relative of reference
 ٧
 ٧
             .person
                                                                          1 .Yes
                                                               v
           9 Nonrelative of reference
 ٧
            .person with own relatives
                                                               V
                                                                          2 .No
 ٧
              .in household
                                                                           1 130
                                                               D M-RACE
           10 .Nonrelative of reference
                                                                    Item 18J - Race
             .person-no own relatives in
              .household
                                                                ٧
                                                                          1 .White
                                                                          2 .Black
                                                                v
 D M-PARENT 2 118
                                                                          3 .Amer Indian, Aleut Eskimo
                                                                ٧
     Item 18C - Parent's line number
                                                                          4 .Asian or Pacific Islander
                                                                          5 .Other
  V 00 .None
      01-39 .Parent's line number
                                                                D PADDING 63 131
```

```
SIZE BEGIN
                                                        DATA
          SIZE BEGIN
DATA
                                                                   3 .Child
*******
                                                                   4 .Other relative (primary family and
* Armed Forces - Recodes
                                                                     .unrelated subfamily only)
*************
                                                                          276
D M-REORGN 2 194
                                                              Number of own Children < 18 in primary
  Item 18K - Origin
                                                         D ALL
          1 .Mexican American
٧
                                                                   O .Not in primary family
                                                         ٧
         2 .Chicano
                                                                   1 .No children
         3 .Mexican (Mexicano)
٧
                                                                   2 .1 child
                                                         v
         4 .Puerto Rican
٧
                                                                   3 .2 children
         5 .Cuban
                                                                   4 .3 children
                                                         ٧
         6 .Central or South American
                                                                   5 .4 children
                                                          ٧
         7 .Other Spanish
                                                                  6 .5 children
7 .6 children
         8 .All other
          9 .Don't know
                                                                   8 .7 children
         10 .NA
                                                                    9 .8+ children
D M-EXPRRP
                196
           2
                                                          D M-PFPRCD 2 277
    Expanded relationship code
                                                          U All
                                                                    O .Not in primary family
                                                          ٧
          1 .Reference person with relatives
                                                                   -1 .No children < 18 years old
          2 .Reference person without
                                                         . ....
                                                                    2 .All children 0-2 years old
                                                          V
           .relatives
                                                                    3 .All children 3-5 years old
4 .All children 6-13 years old
 ٧
          3 .Husband
                                                          ٧
 ٧
          4 .Wife
                                                                   5 .All children 14-17 years old
                                                          ٧
          5 .Natural/adopted child
                                                                   6 .Children 0-2 and 3-5
 ٧
                                                          ٧
          6 .Step child
                                                                  .(none 6-17)
7 .Children 0-2 and 6-13
 ٧
                                                          ٧
          7 .Grandchild
8 .Parent
 ٧
                                                          ٧
 ٧
                                                                      .(none 3-5 or 14-17)
                                                          ٧
          9 .Brother/sister
 ٧
                                                                   8 .Children 0-2 and 14-17
                                                          ٧
         10 .Other relative
                                                                   .(none 3-13)
9 .Children 3-5 and 6-13
 ٧
                                                          ٧
          11 .Foster child
 v
                                                          ٧
          12 .Nonrelative with relatives
                                                                      .(none 0-2 or 14-17)
          13 .Partner/roommate
                                                                  10 .Children 3-5 and 14-17
                                                          ٧
          14 .Nonrelative without relatives
                                                                      .(none 0-2 or 6-13)
                                                          ٧
                                                                   11 .Children 6-13 and 14-17
                                                          ٧
 D PADDING 50
                  198
                                                                      (none 0-5)
                                                           ٧
                                                                   12 .Children 0-2, 3-5 and 6-13
 ******
                                                                      .(none 14-17)
   Armed Forces - Weights
                                                                   13 .Children 0-2, 3-5 and 14-17
  **********
                                                                       .(none 6-13)
                                                                    14 .Children 0-2, 6-13 and 14-17
 D M-FNLWGT 8 248 2
                                                                      .(none 3-5)
      Armed Forces - S Final Weight
                                                                    15 .Children 3-5, 6-13 and 14-17
      (2 Implied Decimal Places)
                                                                      .(none 0-2)
 U ALL
                                                                    16 .Children from all age groups
  D PADDING 16 256
                                                                          279
                                                           D M-PFREL
                                                               Primary family relationship
  ***********
  * Family recodes
                                                                     O .Not in primary family
                                                           ٧
  ***********
                                                                     1 Husband
                                                           ٧
                                                                     2 .Wife
                                                           ٧
  D M-FAMNUM 2 272
                                                                     3 .Own child
                                                           ٧
      Family number
                                                                     4 .Other relative
  U All
                                                                     5 .Unmarried reference person
           00 .Not a family member
  V
          01 Primary family member only
                                                           D M-PFSIZE 2 280
        02-19 .Subfamily member
                                                                Size of primary family
                                                            U All
  D M-FAMTYP 1 274
                                                                     00 .Not in primary family
      Family type
                                                                  02-39 Number individuals
                                                            ٧
                                                                       .(A-FAMTYP = 1 or 3)
            1 .Primary family
  v
           2 .Primary individual
                                                            D M-PFHHAG 1 282
           Related subfamily
                                                                Age of primary family householder
          4 .Unrelated subfamily
  ν
          5 .Secondary individual
                                                                      O .Not a family member
                                                            v
                                                                      1 .< 25 years old
  D M-FAMREL 1 275
                                                                      2 .25-44 years old
                                                            ٧
      Family relationship
                                                                     3 .45-54 years old
4 .55-64 years old
            O .Not a family member
  ٧
                                                                      5 .65+ years old
            1 .Reference person
  ٧
            2 .Spouse
```

```
SIZE BEGIN
                                                                                                       DATA
                   SIZE BEGIN -
DATA
                                                                                                                              1 292
                                                                                                          D M-PENOEM
D M-LFESM
                      1
                              283
                                                                                                                  Number of employed in primary
        Labor force and earner status
                                                                                                                  family 16+
        (male) of husband of primary
                                                                                                                         -1 .Not in universe
        family or male householder
                                                                                                                           O .No one employed
                                                                                                          ٧
                                                                                                                         1-8 .1-8 employed
                  O .Not in primary family/no male
٧
                  1 .Employed earner
                                                                                                                            9 .9+ employed
٧
                  2 .Self-employed
٧
                  3 .Without pay
                                                                                                                                 1
                                                                                                                                       293
                                                                                                          D M-PENOUN
٧
                                                                                                                  Number of unemployed in primary
٧
                  4 . Unemployed
                                                                                                                   family 16+
                  5 .Not in labor force
٧
                                                                                                          U All
                  6 .Armed Forces
                                                                                                                           -1 .Not in universe (not in
                                                                                                          ٧
                                                                                                                              .primary family)
                                                                                                          ٧
                     1 284
D M-LFESF
                                                                                                                            0 .No unemployed
        Labor force and earner status (female)
                                                                                                                         1-8 .1-8 unemployed
        of wife of primary family or female
                                                                                                                            9 .9+ unemployed
        householder
UALL
                                                                                                          D M-FAMWGT 8 294
                   O .Not in primary family/no female
                                                                                                                  Family weight - Two implied decimal
٧
                   1 .Employed earner
                                                                                                                   places
v
                  2 .Self-employed
                  3 .Without pay
٧
                                                                                                                                                                received the reserved of the region of the r
                   4 .Unemployed
٧
                                                                                                          D M-FMEWGT 8 302 2
                  5 .Not in labor force
٧
                                                                                                                   Family earnings weight
                   6 .Armed Forces
                                                                                                                   (2 implied decimal places)
                               285
D M-PFWS
                       1
         Primary family earners wage and salary
                                                                                                              Allocation Flags
         status (16+)
U All
                 -1 .Not in primary family
٧
                                                                                                           D M%LINENO 1 310
                   O .Not in primary family
 ٧
                                                                                                                   Line number allocation flag
                   1 .No one employed
                  2 . Some employed - no wage
                                                                                                                           No change
 v
                                                                                                                             2 .Blank to value
                     and salary workers
                                                                                                                             3 .Value to value
                                                                                                           ٧
                  3 .With wage and salary workers,
                     .husband/wife or reference person
                                                                                                           D M%RRP
                      .self-employed
                                                                                                                   Relationship to reference
                   4 .With wage and salary workers,
                                                                                                                   person allocation flag
                     .husband/wife or reference
                                                                                                                           O .No change
                     .person not self-employed, other
                                                                                                                             2 .Blank to value
                       .household member self-employed
                                                                                                           ٧
                                                                                                                             3 .Value to value
                                                                                                           ٧
                   5 .With wage and salary workers
                                                                                                                             5 .Value to value - no error
                     .only
                                                                                                                                          312
                                                                                                           D M%PARENT
                                286
 D M-PFFTPT 1
                                                                                                                    Parent's line number allocation flag
         Usual full-time/part-time status of
                                                                                                                            O .No change
         primary family earners (16+)
                                                                                                                             2 .Blank to value
                                                                                                           ٧
 U H-MIS=4 or 8
                                                                                                                             3 .Value to value
                 -1 .Not in universe (MIS 1,2,3,5,6,7)
                                                                                                                             5 .Value to value - no error
                  0 .Not in primary family
 ٧
 ν
                   1 .No earners
                                                                                                           D M%AGE
                   2 .All earners full time
 ν
                                                                                                                    Age allocation flag
                   3 . Some full time, some part time
 ٧
                                                                                                                             O .No change
 ٧
                  4 .All earners part time
                                                                                                                              2 .Blank to value
                                                                                                            V
                   5 .Not in universe
                                                                                                                              4 .Allocated
 D M-PFEARN
                                                                                                           D M%MARITL 1 314
         Total weekly family earnings
                                                                                                                    Marital status allocation flag
          (for members 16+)
                                                                                                                             0 .No change
 U H-MIS=4 or 8
               -1 .Not in primary family or
                                                                                                                              2 .Blank to value
                                                                                                            ٧
                                                                                                                              3 .Value to value
                      .not in universe
                                                                                                                              4 .Allocated
 V 0000-9999 .Usual weekly family earnings
                                                                                                                              5 .Value to value - no error
 D M-PFNOER 1 291
                                                                                                                                         315
         Number of earners in primary family 16+
                                                                                                                    Spouse's line number allocation flag
                                                                                                                             0 .No change
                  -1 .Not in universe (not in
                                                                                                                              2 .Blank to value
                                                                                                            ٧
                     .primary family)
                                                                                                                              3 .Value to value
                   0 .No earners
  ٧
                                                                                                                              5 .Value to value - no error
                1-8 .1-8 earners
                   9 .9+ earners
                                                                                                                                           316
                                                                                                                                   1
                                                                                                                    Sex allocation flag
                                                                                                                              0 .No change
```

CURRENT POPULATION SURVEY - ARMED FORCES INTERVIEW

DATA	SIZE BEGIN	DATA SIZE BEGIN
V	2 .Blank to value	D MXRACE 1 320
v	3 Value to value	Race allocation flag
v	4 .Allocated	V 0 .No change
٧	4 Introduced	V 2 .Blank to value
D PADDII	NG 1 317	V 4 .Allocated
D M%HGA	1 318	D M%ORIGIN 1 321
	ghest grade attended allocation flag	Origin allocation flag
v	0 .No change	V 0 .No change
v	4 .Allocated	V 2 .Blank to value
•	4 1/11/004/04	y 5 .Value to value - no error
D M%HGC	1 319	V 8 Blank to N/A code
	ghest grade completed allocation flag	
v	0 No change	D PADDING 39 322
v	2 Right to value	

MAY 1991 MULTIPLE JOBS RECORD LAYOUT

UNIVERSE

A-SUPTYP CHARACTER*001. (0361:0361)

ALL

TYPE OF INTERVIEW

1 = INTERVIEWED MULTIPLE JOBHOLDER

2 = INTERVIEWED NOT A MULTIPLE JOBHOLDER

3 = NOT INTERVIEWED

4 = NOT IN SUPPLEMENT UNIVERSE

CHARACTER*003. (0362:0364) A-S30

A-SUPTYP = 1 or 2

HOW MANY HOURS PER WEEK DOES . . . USUALLY WORK -1 = BLANK AT THIS JOB?

00-99 = HOURS WORKED

999 = NO RESPONSE

A-S31 CHARACTER*002. (0365:0366)

A-SUPTYP = 1 or 2

IN . . . 'S WORK FOR (NAME OF EMPLOYER), HOW MANY HOURS PER DAY DOES . . . USUALLY WORK AT THIS JOB?

-1 = BLANK

0-24 = HOURS WORKED

99 = NO RESPONSE

A-S32 CHARACTER*002. (0367:0368)

A-SUPTYP = 1 or 2

HOW MANY DAYS A WEEK DOES ... USUALLY WORK AT THIS JOB?

> = BLANK -1

> > 1 = 1

> > 2 = 2

> > 3 = 3

= 4

5 = 4 1/2

= 5

7 = 5 1/2

= 6

9 = 7

99 = NO RESPONSE

A-S33A CHARACTER*001. (0369:0369)

A-SUPTYP = 1 or 2

WHICH DAYS OF THE WEEK DOES . . . USUALLY WORK AT THIS JOB?

-1 = BLANK

1 = SUNDAY

9 = NO RESPONSE

A-S33B CHARACTER*001. (0370:0370) WHICH DAYS OF THE WEEK DOES USUALLY WORK AT THIS JOB? -1 = BLANK 1 = MONDAY 9 = NO RESPONSE	A-SUPTYP = 1 or 2
A-S33C CHARACTER*001. (0371:0371) WHICH DAYS OF THE WEEK DOES USUALLY WORK AT THIS JOB? -1 = BLANK 1 = TUESDAY 9 = NO RESPONSE	A-SUPTYP = 1 or 2
A-S33D CHARACTER*001. (0372:0372) WHICH DAYS OF THE WEEK DOESUSUALLY WORK AT THIS JOB? -1 = BLANK 1 = WEDNESDAY 9 = NO RESPONSE	A-SUPTYP = 1 or 2
A-S33E CHARACTER*001. (0373:0373) WHICH DAYS OF THE WEEK DOES USUALLY WORK AT THIS JOB? -1 = BLANK 1 = THURSDAY 9 = NO RESPONSE	A-SUPTYP = 1 or 2
A-S33F CHARACTER*001. (0374:0374) WHICH DAYS OF THE WEEK DOES USUALLY WORK AT THIS JOB? -1 = BLANK 1 = FRIDAY 9 = NO RESPONSE	A-SUPTYP = 1 or 2
A-S33G CHARACTER*001. (0375:0375) WHICH DAYS OF THE WEEK DOES USUALLY WORK AT THIS JOB? -1 = BLANK 1 = SATURDAY 9 = NO RESPONSE	A-SUPTYP = 1 or 2
A-S33H CHARACTER*001. (0376:0376) WHICH DAYS OF THE WEEK DOES USUALLY WORK AT THIS JOB? -1 = BLANK 1 = IT VARIES	A-SUPTYP = $1 \text{ or } 2$

9 = NO RESPONSE

```
A-SUPTYP = 1 or 2
A-S34-1
         CHARACTER*002 . (0377:0378)
   LAST WEEK AT WHAT TIME OF DAY DID ... BEGIN WORK
   ON THIS JOB MOST DAYS? (PART 1)
              -1 = BLANK
               1-11 = HOUR OF THE DAY
               12 = 12 NOON
               13 = 12 MIDNIGHT
               99 = NO RESPONSE
                                                        A-SUPTYP = 1 or 2
A-S34-2 CHARACTER*001. (0379:0379)
   4-2 CHARACTER*001. (0379:0379) A-SUPTYP = 1 or 2 LAST WEEK AT WHAT TIME OF DAY DID...BEGIN AND WORK ON THIS JOB MOST DAYS? (PART 2) A-S34-1 \neq 12 or 13
              -1 = BLANK
1 = AM
               2 = PM
               9 = NO RESPONSE
                                                        A-SUPTYP = 1 or 2
A-S35-1 CHARACTER*002. (0380:0381)
   LAST WEEK AT WHAT TIME OF DAY DID . . . END WORK
    ON THIS JOB MOST DAYS? (PART 1)
               -1 = BLANK
               1-11 = HOUR OF THE DAY
               12 = 12 \text{ NOON}
               13 = 12 MIDNIGHT
               99 = NO RESPONSE
   35-2 CHARACTER*001. (0382:0382) A-SUPTYP = 1 or 2 LAST WEEK AT WHAT TIME OF DAY DID... END WORK ON THIS JOB MOST DAYS? (PART 2) A-S35-1 \neq 12 or 13
A-S35-2 CHARACTER*001. (0382:0382)
    ON THIS JOB MOST DAYS? (PART 2)
               -1 = BLANK
               1 = AM
                2 = PM
                9 = NO RESPONSE
                                                         A-SUPTYP = 1 or 2
A-S36 CHARACTER*001. (0383:0383)
    WHICH OF THE FOLLOWING BEST DESCRIBES THE
    HOURS ... USUALLY WORK AT THIS JOB?
               -1 = BLANK
                1 = A REGULAR DAYTIME SCHEDULE
                  = A REGULAR EVENING SHIFT
                  = A REGULAR NIGHT SHIFT
                   = A ROTATING SHIFT
                  = A SPLIT SHIFT
                6 = AN IRREGULAR SCHEDULE ARRANGED
                    BY EMPLOYER
                7 = OTHER
                9 = NO RESPONSE
```

```
A-S36 = 2+
       CHARACTER*001. (0384:0384)
A-S37
   WHAT IS THE MAIN REASON WHY ... WORKS THIS
   TYPE OF SHIFT?
             -1 = BLANK
      VOLUNTARY REASONS:
              1 = BETTER CHILD CARE ARRANGEMENTS
              2 = BETTER PAY
              3 = BETTER ARRANGEMENTS FOR CARE OF
                   OTHER FAMILY MEMBERS
                 = ALLOWS TIME FOR SCHOOL
              5 = OTHER - VOLUNTARY REASON
      INVOLUNTARY REASONS
              6 = COULD NOT GET ANY OTHER JOB
              7 = REQUIREMENT OF THE JOB
              8 = OTHER - INVOLUNTARY REASON
              9 = NO RESPONSE
                                                    A-SUPTYP = 1 or 2
A-S38 CHARACTER*001. (0385:0385)
   CHECK ITEM
              -1 = BLANK
              1 = P, F, S OR L IN ITEM 23E
              2 = ALL OTHER CASES
              9 = NO RESPONSE
                                                            A-S38 = 1
       CHARACTER*001. (0386:0386)
A-S39
   IS ... ON FLEXITIME OR SOME OTHER SCHEDULE THAT
   ALLOWS WORKERS TO VARY THE TIME THEY BEGIN
    AND END THEIR WORK DAY?
              -1 = BLANK
              1 = YES
                = NO
                = DON'T KNOW
                = NO RESPONSE
                                                     A-SUPTYP = 1 or 2
        CHARACTER*001. (0387:0387)
    AS PART OF THIS JOB DOES . . . DO ANY OF . . . 'S WORK
    AT HOME?
              -1 = BLANK
               1 = YES
               2 = NO
               9 = NO RESPONSE
                                                             A-S40 = 1
        CHARACTER*003. (0388:0390)
A-S41
    LAST WEEK APPROXIMATELY HOW MANY HOURS OF . . . 'S
    WORK DID ... DO AT HOME AS PART OF THIS JOB?
```

-1 = BLANK

0-99 = HOURS PER WEEK 999 = NO RESPONSE

```
A-S40 = 1
       CHARACTER*001. (0391:0391)
A-S42
   CHECK ITEM
             -1 = BLANK
             1 = P, F, S OR L IN ITEM 23E
              2 = ALL OTHER CASES
              9 = NO RESPONSE
                                                           A-S40 = 1
       CHARACTER*001. (0392:0392)
A-S43
   DOES...GET PAID FOR THE ADDITIONAL HOURS
   OF WORK . . . PUTS IN AT HOME AS PART OF THIS JOB?
             -1 = BLANK
              1 = YES
              2 = NO
              9 = NO RESPONSE
                                                    A-SUPTYP = 1 or 2
                        (0393:0393)
        CHARACTER*001.
A-S44
   LAST WEEK, IN ADDITION TO THE JOB WITH (NAME OF
   EMPLOYER IN 23A), DID . . . DO ANY PAID WORK
   FOR ANY OTHER EMPLOYERS?
             -1 = BLANK
              1 = YES
              2 = NO
              9 = NO RESPONSE
                                                           A-S44 = 1
        CHARACTER*001. (0394:0394)
A-S45
   LAST WEEK HOW MANY OTHER EMPLOYERS DID ... DO
    ANY PAID WORK FOR?
              -1 = BLANK
              1 = 1
              2 = 2
              9 = NO RESPONSE
                                                           A-S44 = 2
        CHARACTER*001. (0395:0395)
A-S46
    LAST WEEK, IN ADDITION TO THE JOB WITH (NAME OF
    EMPLOYER IN 23A), DID . . . OPERATE . . . 'S OWN
    BUSINESS, PROFESSION, OR FARM?
              -1 = BLANK
              1 = YES
               2 = NO
               9 = NO RESPONSE
                                                            A-S46 = 2
        CHARACTER*001. (0396:0396)
 A-S47
    LAST WEEK DID . . . HAVE ANOTHER JOB OR BUSINESS
    AT WHICH . . . DID NOT WORK AT ALL?
              -1 = BLANK
               1 = YES
               2 = NO
```

9 = NO RESPONSE

A-S48B CHARACTER*003 . (0397:0399) A-SUPTYP = 1 WHAT KIND OF BUSINESS OR INDUSTRY WAS THIS? -1 = BLANK0-992 = INDUSTRY CODE 999 = NO RESPONSE A-S48C CHARACTER*004. (0400:0403) A-SUPTYP = 1WHAT KIND OF WORK WAS ... DOING? -1 = BLANK0-999 = OCCUPATION CODE 9999 = NO RESPONSE A-S48E CHARACTER*001. (0404:0404)

WAS...EMPLOYED BY:

1 DIANIZ 1 = PRIVATE SECTOR COMPANY 2 = FEDERAL GOVERNMENT 3 = STATE GOVERNMENT 4 = LOCAL GOVERNMENT 5 = SELF-EMPLOYED--UNINCORPORATED 6 = SELF-EMPLOYED--INCORPORATED 9 = NO RESPONSE CHARACTER*002. (0405:0406) A-SUPTYP = 1 HOW MANY DAYS A WEEK DOES ... USUALLY WORK AT THIS JOB? -1 = BLANK1 = 1 DAY2 = 2 DAYS3 = 3 DAYS4 = 4 DAYS $5 = 4 \frac{1}{2} DAYS$ = 5 DAYS 6 $7 = 5 \frac{1}{2} DAYS$ 8 = 6 DAYS9 = 7 DAYS99 = NO RESPONSE A-S50A CHARACTER*001. (0407:0407) A-SUPTYP = 1 WHICH DAYS OF THE WEEK DOES . . . USUALLY WORK AT THIS JOB? -1 = BLANK

1 = SUNDAY

AT THIS JOB? -1 = 1 =	R*001. (0408:0408) THE WEEK DOES USUALLY WORK BLANK MONDAY NO RESPONSE	A-SUPTYP = 1
AT THIS JOB?	ER*001. (0409:0409) THE WEEK DOESUSUALLY WORK BLANK TUESDAY	A-SUPTYP = 1
	NO RESPONSE	general experience of the
AT THIS JOB?	THE WEEK DOES USUALLY WORK	A-SUPTYP = 1
1 =	= BLANK = WEDNESDAY = NO RESPONSE	
AT THIS JOB?	ER*001. (0411:0411) THE WEEK DOESUSUALLY WORK = BLANK	A-SUPTYP = 1
1 =	= THURSDAY = NO RESPONSE	
A-S50F CHARACTE WHICH DAYS OF AT THIS JOB?	ER*001. (0412:0412) THE WEEK DOESUSUALLY WORK	A-SUPTYP = 1
1 =	= BLANK = FRIDAY = NO RESPONSE	
AT THIS JOB?	THE WEEK DOES USUALLY WORK	A-SUPTYP = 1
1	= BLANK = SATURDAY = NO RESPONSE	
AT THIS JOB?	THE WEEK DOES USUALLY WORK	A-SUPTYP = 1
	= BLANK	
	= IT VARIES = NO RESPONSE	
	 	

CHARACTER*002. (0415:0416) A-SUPTYP = 1 A-S51-1 LAST WEEK AT WHAT TIME OF DAY DID ... BEGIN WORK ON THIS JOB MOST DAYS? (PART 1) -1 = BLANK1-11 = HOUR OF THE DAY 12 = 12 NOON 13 = 12 MIDNIGHT 99 = NO RESPONSE A-S51-2 CHARACTER*001. (0417:0417) A-SUPTYP = 1 LAST WEEK AT WHAT TIME OF DAY DID . . . BEGIN AND A-S51-1 \neq 12 or 13 WORK ON THIS JOB MOST DAYS? (PART 2) -1 = BLANK 1 = AM 2 = PM9 = NO RESPONSE A-SUPTYP = 1 A-S52-1 CHARACTER*002. (0418:0419) LAST WEEK AT WHAT TIME OF DAY DID . . . END WORK ON THIS JOB MOST DAYS? (PART 1) -1 = BLANK1-11 = HOUR OF THE DAY 12 = 12 NOON13 = 12 MIDNIGHT 99 = NO RESPONSE A-SUPTYP = 1 CHARACTER*001. (0420:0420) A-S52-2 LAST WEEK AT WHAT TIME OF DAY DID . . . END WORK AND ON THIS JOB MOST DAYS? (PART 2) A-S52-1 \neq 12 or 13 -1 = BLANK1 = AM2 = PM9 = NO RESPONSE A-S53 CHARACTER*003. (0421:0423) A-SUPTYP = 1 ALTOGETHER, HOW MANY HOURS A WEEK DOES ... USUALLY WORK AT THIS JOB OR BUSINESS? -1 = BLANK0-99 = HOURS999 = NO RESPONSE A-SUPTYP = 1 A-S54 CHARACTER*001. (0424:0424) DOES ... USUALLY DO ANY OF THE WORK AS PART OF THIS JOB AT HOME?

9 = NO RESPONSE

-1 = BLANK 1 = YES 2 = NO

A-S55 CHARACTE DOES DO ALL	ER*001 . (0425:0425) OF THE WORK AS PART OF THIS JOB AT HOME	A-S54 = 1
-1		
	= YES	
	= NO	
9	= NO RESPONSE	•
A-S57 CHARACTE	ER*001. (0426:0426)	A-S54 = 1
	AID FOR THE WORK DOES AT HOME	AND
AS PART OF THI		A-S48E = 1-4
	= BLANK	
	= YES = NO	
9	= NO = NO RESPONSE	n di karaj manan di saraj li s
A-S58 CHARACTI	ER*004 . (0427:0430)	A-SUPTYP = 1
	IOW MUCH DOES USUALLY EARN PER	
	OF THIS JOB BEFORE DEDUCTIONS?	
-1		
0-1999		
9999	= NO RESPONSE	
A-S59 CHARACT	ER*002. (0431:0432)	A-SUPTYP = 1
	AIN REASON THAT WORKED AT MORE	
THAN ONE JOB?	= BLANK	
1		S
	= TO PAY OFF DEBTS	
3	= TO SAVE FOR THE FUTURE	
4	= TO GET EXPERIENCE IN A DIFFERENT	
	OCCUPATION OR TO BUILD UP A BUSINES	SS
5		
	= TO HELP OUT A FRIEND OR RELATIVE	
6	= TO GET EXTRA MONEY TO BUY SOMETHING	G SPECIAL
7	= TO GET EXTRA MONEY TO BUY SOMETHING = ENJOYS THE WORK ON THE SECOND JOB	G SPECIAL
7 8	TO GET EXTRA MONEY TO BUY SOMETHINGENJOYS THE WORK ON THE SECOND JOBCHANGED JOBS DURING THE WEEK	G SPECIAL
7	= TO GET EXTRA MONEY TO BUY SOMETHING = ENJOYS THE WORK ON THE SECOND JOB	G SPECIAL
7 8 9	 TO GET EXTRA MONEY TO BUY SOMETHING ENJOYS THE WORK ON THE SECOND JOB CHANGED JOBS DURING THE WEEK OTHER 	
7 8 9 99 A-SDIND CHARA	= TO GET EXTRA MONEY TO BUY SOMETHING = ENJOYS THE WORK ON THE SECOND JOB = CHANGED JOBS DURING THE WEEK = OTHER = NO RESPONSE CTER*002. (0433:0434)	G SPECIAL A-SUPTYP = 1
7 8 9 99 A-SDIND CHARA INDUST	= TO GET EXTRA MONEY TO BUY SOMETHING = ENJOYS THE WORK ON THE SECOND JOB = CHANGED JOBS DURING THE WEEK = OTHER = NO RESPONSE CTER*002. (0433:0434) TRY RECODE	
7 8 9 99 A-SDIND CHARA INDUST	= TO GET EXTRA MONEY TO BUY SOMETHING = ENJOYS THE WORK ON THE SECOND JOB = CHANGED JOBS DURING THE WEEK = OTHER = NO RESPONSE CTER*002. (0433:0434) TRY RECODE = BLANK	
7 8 9 99 A-SDIND CHARA INDUST -1 1-51	= TO GET EXTRA MONEY TO BUY SOMETHING = ENJOYS THE WORK ON THE SECOND JOB = CHANGED JOBS DURING THE WEEK = OTHER = NO RESPONSE CTER*002. (0433:0434) TRY RECODE	

A-SDOCC

CHARACTER*002. (0435:0436)

A-SUPTYP = 1

INDUSTRY RECODE

4

-1 = BLANK

1-46 = RECODES

99 = NO RESPONSE

A-MJWGT CHARACTER*008. (0437:0444) MULTIPLE JOBHOLDER FINAL WEIGHT

0-99999999 = WEIGHT (2 IMPLIED DECIMAL PLACES)

END OF RECORD LAYOUT.

ATTACHMENT 10

Current Population Survey Questionnaire Facsimile, May 1991

CHECK ITEM	FORM CPS-1	/¥\		T OF COMMERCE	CONTROL NUMBER		
Crow CPS 1 tor nousehold .			·		:		
First CPS-1 of continuation It hold	211222116			37)			
Second CPS-1 of continuation to hold	เกรเหยง	POPULATI	อม อกมม	3 7			
Third, fourth, and 5th CPS-1	Form Approved - O.M.B. No. 1220-0	0100 - Expires 11-30-91	• ••	Fosdic 26.1.1	PSU PSU	SEGMENT	SERIAL
LINE NO. OF H'HOLD RESP.							
NON H'HOLD RESPONDENT (Specify and Send Intercomm for interviewed household)							
INTERVIEW Do ITEMS 23A - E in this CPS-1 1 Yes contain ANY ENTRY OTHER THAN NEVER WORKED	n endukeente addite.	rang sayan -	a compression (mg)	প্ৰস্ ^{নুৱ} ং	न्द्राचित्राः स्मित्र द्वस्याच्या सम्बद्धाः स्था	o nemerik erriet	
TYPE B							
TYPE C							
FOR TYPE A AND C)			O0 53				
		URRE	MI				
TELEPHONE HOLD (Mark this box for office "telephone hold" cases only)				÷			
		Po		ATI (J [M]		

Survey

MAY JEET

NUMBER

SECOND CHILD

LINE NUMBER

None

18B. RELATIONSHIP TO REFERENCE | 18C. | 18D. |
PERSON (Control Cord Item 14b) | PARENT'S | AGE

39

CHILDREN'S (0) 14 . cars piar TRANSCRIPTION ITEMS

18A. | 18B. RELATIONSHIP TO REFERENCE | 18C.

Natural/Adopted C1 - 3

Other Rei of refi person

Natural/Adopted Child Step Chilo. Grandchild

Other Religtiret person.

Brother/Sister

Enster Chied . . hopitel of Aut Poison Little OWN ret in Afhid Non-reli of Ref. Person with NO OWN reliin Highla 14

Non-reli of Aet Person AITH OWN relian mittle, 12 Non-reli of Ref. Person with NO OWN reli in Hilhid 14

Энр Спи**с**ь.

Grandchild . Brother/Sister

Foster Chaid . . .

LINE

NO.

:8A.

NO.

PERSON (Control Cara item 1+b)

It more than 4 i hisaren in nousenald, use continuation CPS-1 accument, FIRST CHILD

ARMED FORCES MEMBERS TRANSCRIPTION ITEMS

Fill only in interviewed nousenoids for persons with "AF" in CC item 22.

	•			FIRST ARME	D FORCES MEME	BER		
18G1, SEX Male Female	18K. ORIGIN I	LINE	RELATIONSHIP REFERENCE PE	RSON	18C. PARENT'S LINE	18D. ! AGE	18E. MARITAL S	TATUS
- nmale	_ : :	_	Married — spouse present					
18J. RACE	- :		ef, person with Ni uspand	33			Spouse prese	:141
Shite			vite	34			Married —	
	1.1		latural/Adopted C				spouse abse	nt
Black	4.1	S	tep Child	06			:Exclude	
∆m.er			rangeniid	67		i	separated).	
ingian.			arent .	ie.				
Aleut.		i . a	rother/Sister	09		!	Widowed	
Eskimo 1			ther religit Ret F	erson 10			Divorced	
÷sian or ,	: ;		oster Child	: 1	i	1		
Pacific Islander I		١,	ion-rel, of Ref. Pe	rson	None	1	Separated	
	: 🔳		WITH OWN rel		-	Never married	,	
Ciner			ortner/Roommati	e 13			1	
18G1, SEX	18K.		Non-ret, of Ref, Pe Tother than parth with NO OWN r	er/roommate)				
Jale	ORIGIN	18F.	18G1. SEX	18H.	181.	18J. RAC	E	18K.
Female		SPOUSE'S LINE NO.		HIGHEST	GRADE COMPLETED	i		ORIGIN
18J. RACE	i	į	Male	ATTENDED	Yes	WE	rite .	
White		.	Female		No	31	ock	
Black .			_	-	i	Ar	ner. Indian.	
Amer Ingian, I			!	İ	;	:	ieut, Eskimo	1
arisian. I			i	i	1		ian Pacific Isl	1
Aieut. Eskimo			i	!		, 0	P BCITIC 131	

THIRD CHILD											
:8A. LINE NO.		RELATIONSHIP TO REFERENCE PERSON (Control Cord (1em 14b)			18G1. SEX Male Female	18K. ORIGI					
	Natural/Adopted Child	. . .	NUMBER		18J. RACE	_					
	Ship Child.	16									
	Grandchild	27			White						
	Brother/Sister	23			Black						
	Sther Reil of reflicerson	• •			SINCK						
	e oter Chest	• •			≟ mer						
	Two real of the treation COTHOWN real or threat				Indian, I Aleut, Eskimo						
	Non-relict Ret Person with NO OWN relich High	1.3	*.one		Asian or , Pacific Islander						
			*- ide		Other	: 🔳					

	FOU	IRTH CHILD			
18A. LINE NO.	188. RELATIONSHIP TO REFERENCE PERSON (Control Card Item 14b)	18C. PARENT'S LINE	18D. AGE	18G1, SEX Vale Female	18K. ORIGIN
	Natural/Adopted Child	NUMBER		18J. RACE	-
	Brother/Sister			Black .	
	Foster Child			Amer. Indian, I Aleut, Eskimo	
	Noti-rel, of Ref. Person with NO OWN rel, in Hibid, 14	None		Asian or pacific Islander	
	=	}	1	Other	-

	B. RELATIONSHIP	-	18C.	18D.	18E, MARITAL STATUS			
INE I	REFERENCE PE		PARENTS	AGE				
10.	Ref. Person WITH r Ref. person with NO		LINE	•	Married — Spouse pre	esent		
	Husband	33						
	Wife	04			Married -			
	Natural/Adopted C	hitd 35			spouse ab	sent		
	Step Child	06			Exclude			
	Grandchild	3.			reporated)			
	⊃ _{srent}	ંસ						
	Brother/Sister				Aidowed			
	Other rel. of Ref. P.	erson 10			D-vorced			
;	Foster Child .	••		1	Separated			
	Non-rel, of Ref. Per WITH OWN rel	n Hinla 12	None	=	Never married			
:	Partner/Roommate	13		_				
	Non-rel, of Ref, Per (other than parthi with NO OWN re							
18F.	18G1. SEX	18H.	181.	18J. RA	CE	18K.		
SPOUSE'S	İ	HIGHEST	GRADE	ļ		ORIGIT		
LINE NO.		GRADE	COMPLETED	į		1		
	Male	ATTENDED	√es .	W	nite	: :		
	Female		No	91.	sck			
					ner, Indian, leut, Eskimo			
				1	ian r Pacific Isl.			
				0	ther	İ		

MAY 1991 - S.	Department of Commerce BUREAU OF THE CENSUS	1. CHECK ITEM Chiv CPS-1 for household	2. (Fill all applicable) (tems on this		3. CONTR	OL NUMBER		
collatoro Population	รองสบลิ	First CPS-1 of continuation hind Second CPS-1 of continuation hinoid	(Transcribe Items 1-13 from first	!				: .
FORM CPS-1		Third, fourth, etc. CPS-1	CPS-1)					
MONTH YEAR	4. TYPE OF LIVING QUART		HER UNIT	5a. LAND USAGE	6. PSU NO	7. SEGMENT NO.	8. SERIAL NO.	9.HOUSE-
10. FIELD REPRESENTATIVE CODE				1				NO.
A B C D E F G H J K L M	House, apartment, *lat	1 Quarters not rooming or	HU in boarding house - 3	⊖rsan ≘uran				
	⇔U. permanent, in transie	ent hotel, motel, etc. 3 Unit not perm	nanent notel, motel, etc. 9	F# 7			: .	
11. DAY COMPLETED		4				1 1 1	i :	
S M T W TH F S After	Mobile home or trailer	Tent site or t		5b. FARM SALES	-		4-4-	1
-ntervi week		in college o		\$1000 or				
12. LINE NO. OF H'HOLD RESP.	Mobile home or trailer was more permanent roc	th one	IDescribe below/12	more				
_	~U not specified above (Describe belowi		Less than				1.
Non, h hid resp.(Specify) / Send Inter Co. Interviewed Households Or	•	*		\$1000 (.No).	 			
13. TYPE INTERVIEW		NONII	TERVIEW		<u> </u>		l	(Go to 10)
	TYPE A	TYPE B		C : Send Inter Co	mm)	SEASO	VAL STATU	is
Noninterview Personal	14. (Mark reason and race.)	15.				16. This unit is in		
Tel. – regular	25.504	Vacant — regular.	Demoissned		1			Fill HVS if
Tel. – callback	REASON RACE	Vacant — storage of h'hid furniture	(Fill			Year round		HU in Item 4.
!CR filled	No one name	Temp. occ. by persons with URE	House or tra	iller moved.	1_!	By migratory wi	orkers	(Fill Item 17
	Temporariiv		Oùtside segr	nent .	=	Seasonally		below if HU \ in Item 4)
13A. CHECK ITEM	absent White	Unfit or to be demolished	Converted to		1			
Telephane Hold	Refused Black	Under construction, not ready.	Merged	or storage .	(Omit	17. This unit is in	tended for a	occupancy:
(Fill circle for office	Refused Black	Converted to temp, business or storage	Condemned		(16-17)	Summers aniv	:	(Transcribe
"telephone nold" cases only)	Other Gcc. All other	Occ. by Armed Force members or persons under 15	(Omit		1	Winters only	:	os instructed on back of
	(Describe below)	Unoccupied tent site or trailer site	16-17)" Built atter A	prii 1, 1980	1 1	Other (Describe	below)	Control Card
	_	Permit granted, construction not started.	Unused line sneet	of fisting	1 !			
	\ =•	Other (Specify below).]		1 1	/		
!	1	Other (Specify Below)	Other (Desc)	TIDE DEIOWI	1	<i>f</i>		
TRANSCRIPTION ITEMS			***********					
Fill for interviewed nouseholds only. (If continuation	<u> </u>	5-1 each month.)	·	·				.
27A, TENURE Franscribe from cc item 101	NOTES:							
Owned or being bought							-	
≏ented								
*-o cash rent								
278. HOUSEHOLD STATUS CHANGE Is this a replacement household this month?								
Yes 📠								
*.0	_							
28. TOTAL FAMILY INCOME (Transcribe from cc item 29)								
01 2 05 09 1 13								
92 76 °C 14								
03 07 1 11 29 3								
						CODER NUMBE	R	
REMINDER								
l ——			,	-		ABCDE	F G H J	KLM
Fill Items 18A-18K on pages 2, 5, 7, 9, and 11.						20000		3 2 2
						0 I 2 3 4 5	56 ? ह	9
1								

18. LINE NUMBER	20. Did oo any work at all LAST WEEK, not counting	21. (If in 19, skip to 27A.) Did have a job or business from which he/she	22. (If LK in 19, Skip to 22A.) Has been looking for work during the past 4 weeks?	24.CHECK ITEM (Rotation number) First digit of SEGMENT number is:	25. CHECK ITEM
19, What was doing most of LAST WEEK -	work around the house? (Note: If farm or business	was temporarily absent or	Yes No (Go to 24)	1 2, 4, 5, 6 or 8 (Skip to 26)	(Rotation number) First digit of SEGMENT
Working	operator in hh., ask about 1	on layoff LAST WEEK?	22A. What has , been doing in the last	3 or 7 (Go to 24A)	number is:
Keeping house	unpaid work.)	Ves No (Go to 22)			1, 2, 4, 5, 6 or 8 (Skip to 26)
Gaing to school	yes No (Go to 21)	<i>Y</i>	methods usea; do not read list.)	24A, When did , last work for pay at a regular job or business, either, full- or	3 or 7 (Go to 25A)
or something else?	20A. How many hours	21A, Why was absent from	Checked pub. employ, agency	DarT-time?	<u> </u>
Working (Skip to 204)X	didwork	work LAST WEEK?	with— byt, employ agency	Within past 12 months	25A. How many hours per week does
With a iop but not at work	LAST WEEK	Own kiness	employer directly	1 up to 2 years ago	USUALLY
Cooking for work LK	at all jobs?		rienos or relatives Placed or answered ads	2 up to 3 years ago 'Go ro 248	work at this job?
Keeping house	20B. CHECK ITEM	On vacation.	Nothing (Skip to 24)	3 up to 4 years ago .	į.
Going to school	20B. CHECK ITEM	Bad weather	Other (Specify in notes, e.g.,	4 up to 5 years ago 5 or more years ago	ļ
Unable to work (Skip to 24), U Retired	19 (Skip to	DOU WESTINGT	/TPA, union or prof. register, etc.)	Nove was and	1
Other (Specify). OT	item 23)	Labor dispute.	228. At the time started looking	24C)	- i
•	1-34 (Go to .		for work, was it because he/she		-
	20C) L	New ion to begin (Skip to	lost or quit a job or was there	Personal, tamily (Incl. pregnancy) or school	
	35-48 (Go to 20D)	within 30 days 228 and 22C2)	some other reason?	realth	25B. Is paid by the hour
	20D. Did lose any time or	Temporary rayoff	Lost job	mealth to any fire repeat of the	on this job?
	take any time off LAST	(Under 30 days)	• Quit lob	Retirement or old age .	Yes (Go to 25C)
•	WEEK for any reason	Indefinite layoff (Skip	Lett school. Wanted temporary work	Seasonal iop completed	No . (Skip to 25D)
	such as illness, holiday or slack work?	or no def. recall \22C3;		Slack work or business conditions	25C. How much Dollars Cents I
20C. Does USUALLY work 35		dote)	or family responsibilities	Temporary	does
hours or more a week at this job?	res How many hours did take off? ¬	Other (Specify)	Left military service	nonseasonal job completed	earm
Yes What is the reason	i did iake dili 7		Other (Specify in notes)	arrangements (Hours, pay, etc.)	per hour?
, worked less than			22C. 1) How many weeks	Other	a Z
35 hours LAST WEEK?	, Correct Lore in lost time	21B. Is receiving wages	has , been looking	24C. Does want a regular job now,	· ·
No. What is the reason	not already deducted:	or salary from his/her	for work?	either full-or part-time?	S C
USUALLY works	if 20A reduced below 35, correct 20B and till 20C)	! employer for any of the time off LAST WEEK?	2) How many weeks ago	Yes	
less than 35 hours	:	Will Oil Digit Week!	did start looking	Maybe — it depends (Specify in notes)	
a week?	No -	Yes	for work?	No (Shore 245)	
(Mark the appropriate reason)		10		Don't know	(Ask 25D) REF
Slack work	20E. Did work any overtime	1	3) How many weeks ago	24D. What are the reasons is not	/
	or at more than one job LAST WEEK?	21C. Does usually work	waslaid off?	looking for work? (Mark each reason mentioned)	25D. How much does USUALLY
Material shortage.	LASI WEEK	35 hours or more a week	22D, Has been looking for full-time		earn per week
Plant or machine recair	Yes How many extra hours didwork	at this job?	or part-time work?	available in line of work or area	at this job
New job started during week .	1	Ves	Full 2 Part 2	Couldn't find any work.	BEFORE deductions?
Job terminated during week		1	22E. Could have taken a job LAS	If a DIDG SKILLS OF EXPERIENCE	Include any
Could find only part-time work	(Correct 20A and 20B as	√ 0	WEEK if one had been offered?	• Employers	overtime pay,
	necessary if extra hours not already included and		Yes No , Why not?	think too young or too old	commissions,
moliday (Legal or religious)	skip to 23.)	(Skip to 23 and enter iob	Aiready has a lob	 Other pers, handicap in finding job 	or tips usually received.
Cabor Hisbute	, 'an 🔳	heid last week!	Temporary miness	Can't arrange child care	, S
Bag weather.	(Skip to 23)		Going to school Other (Specify in notes)	Family responsibilities.	PEF
Own illness	O INDUSTRY	OCCUPATION			25E. On this job, is a member
Signification	F		22F. When did last work at a full-time job or business lasting	• In school or other training	of a labor union or of an
In vacation.	1		2 consecutive weeks or more?	• III beaith, physical disability	employee association similar
To busy with nousework, school personal bus , etc.	C		Within last 12 months (Specify)	Other (Specify in notes)	to a union?
3 if not want full time work.	1-		(Month)	Don't know	Yes (Skip to 26)
Fild-time work week inder 35 hours	, S		One to five years ago		No (Ask 25F)
Other reason (Specify).	Ē		Never worked	24E. Does Intend to look for work of any kind in the next 12 months?	25F. On this job, is covered
•	0		full-time 2 wks. or more	Yes	by a union or employee
	i <mark>N</mark> L		Never worked at all	it depends (Specify in notes)	association contract?
	Ÿ Par	Ref.	enter job, either full or part time, from	No	Yes 2 1 con and
(Skip to 23 and enter job worked	Ref. Unc.	Ker. Unc.	which laid off. Else enter last full time job lasting 2 weeks or more, or	(If entry in 24B, describe job in 23,	No - (Go to 26)
23. DESCRIPTION OF JOB OR BUS			"never worked.")	otherwise, skip to 26)	<u> </u>
23A. For whom did work? (Name		or other employer 1	225 West 15		DOE CHECK ITS!
230. For whom did work! (Name	Cor company, ousiness, organization	ron omer employer.)	23E. Was this person An employee of a Pi	RIVATE Co	23F, CHECK ITEM ,
		·		if for wages, salary or comm P	
238. What kind of business or indust	ry is this? (For example: TV and ra	dio mtg., retail shoe store. State Lo	bor Dept.) A FEDERAL govern	nment employeeF	Entry (or NA)
				ent employee	(Go to 25 at top of
23C. What kind of work wasdoir	ng? (For example: electrical engine	er, stock clerk, typist, farmer.1	A LOCAL governm	ent employee	Entry (or NA) page)
		······································		ous., prof. practice, or farm	in item 21B
			i is the business ii	ncorporated? Yes	1
23D. What were's most importan		For example: types, keeps account		\(Skip	All other cases 3 (Skip to 26)
sells cars, operates printing press	, tinishes concrete.)			PAY in fam, bus, or farm WP C (to 26)	•
			NEVER WORKED	nEV 0 1	1

18A.	18B. RELATIONSHIP TO REFERENCE PERS	ON	18C.		16E, MARITAL	18F.	18G1. SEX	18H. HIGHES			
LINE	Ret Person WiTH rei in Hihld		PAR'S	AGE	STATUS	SPOUSE'S	vidite	GRADE ATTEN		18J. RACE	18K.
i	Ref person with NO ret in Hillid	32	NO.		'.*arrilea Ipouse	NUMBER	maie	, ALLEN	COMPLETED		ORIGIN
1	Husband			_	rresent		18G2. VETERAN STATUS		Yes	Ahite	
	Natural/Acopted Child		1	i	'.' arrieg –		Veteran —	1		Black	
i	Step Child		1	1	spouse absent		,		,40	Amer Indian.	
	Grandchild		-	İ	Exclude	1	Vietnam £ra		:	Aleut Eskimo	
	Parent				separated)		Korean war			Asian or	į .
	Brother/Sister Other Relight Reti Person		İ		:::aowea		World War II	1	İ	Pacific 1st.	
İ	Other Religit Reti Person				⊇worced		Other Service	İ		Other	
	Non-rei of Ret Person				3-parated			1		<u> </u>	
	AITH OWN ret in Hilbid	. 2	1.	į	"vever married		Nonveteran	!	1	-	i
_	Partner/Foormale	3	None		_	None	·	1			
	Non-rel, or Flet. Person (other than partne roommate) with NO OWN rel, in Hihld	14									
26 CUI	ECK ITEM	34. LAST WE	EK at what	time of o	lay did begin	43. Does	get paid for the additional hours	of [5	0. Which days of the	veek does usually w	ork at
	inscribe from control card :tem 18)		this job mos		10		puts in at home as part of this k		this job?		1
	s person is —24 years of age (Ask 26A)	1 4	7		11 AM	Yes	No		Mon Sun Tues	Wed Fr	
4	-24 years of age (Ask 26A1) (conners / Skip to 26C)	2 - 5	B	12	2000	44. LAST W	EEK, in addition to the job with /	READ	1 2 10 - 1 1 1 2	t varies	
·		3 6	g	12 mic	- M- I	ENTRY	in 23A1, did do any paid wor	k for any			
	f 'School' in 19, Verify) LAST WEEK vas attending or enrolled in a high	35 LAST WE	FK at what	time of c	day did end work	iotneri e	mployers?	į.	on this job most da	at time of day did be ys?	gin work
s	chool, callege, or university?		b most day		, 3.0	Yes	(Ask 45) No 1	(Skip to 46)		■ ¹0	ΔM
54	Mark "Yes" if currently on holiday or easonal vacation. Mark "No" for	1 4	, ,		10 11 AM .		EEK, how many other employers	did do	1 4 7	13,000	
	ummer vacations.	1 4	•	12	0000	any paid	work for?		2 5 8 3 6 9	12 noon 12 midnight	PM
	Yes (Verify) No (Skip to	3 6	•	12 mi	PM !		(Skip 10 48A)	- !			
	High school	36 Which -4	the follows	on here de	scribes the hours		EEK, in addition to the job with /	KEAD	52, LAST WEEK, at wh this job most days?	at time of day did . , , er	d work on
	College or Univ		the follows By works at		actives the nours		in 23A)- did operate's o I business, profession, or farm?	wn	·	10	AM
268.15	enrolled in school as a full-time	A regula	ar daytime s	chequie	(Skip to 38)			l	1 4 7	'1	
	part-time student?	A regula	ar evening st	uft		Yes	1 (Skip to 48A) No	(Ask 47)	2 5 8	12 noon 12 midnigns	₽M
	Full time (Fill 26C)		ar night shif		1		EEK, did have another job or				
	Part time		ing snift — o es periodica		/ ■	1	did not work at all? s _ (Ask 48A) No	(End	 Altogether, how m work at this job or 	any hours a week does husiness?	usually
26C. C	HECK ITEM. Who responded to the		o evenings o			Ye.	5 _ (ASR 48A) NO	duestions)		VC-811	}
la	bor force items for this person?		shift — one			48A. LEAD-	IN: The following questions refe	er to 's			
Ì	Seif /	1	distinct pe		iday .		d job or business.	,	54 0	4.4	1
ļ	Other ———————	An Hieg	ular schedu	ie over		For wi	nom did work?	j	at home?	any of the work as par	t of this job
	Self/Other				1				Yes (As	\$ 551 No i	Skip to 581
					works this type	488. What	kind of business or industry is th	is?	SE Dans do ell'ots	he work as part of this p	ab at home?
L		of shift?		BOII WIIY .	works trus type			i		_	SO BE INCHINET
RES	MINDER: BE SURE TO ASK THE LABOR RCE QUESTIONS FOR ALL HOUSEHOLD	Volunt	ary reasons			400			~es	10	
ME	MBERS 15+ YRS, OLD BEFORE ASKING	Sett	er child care	e arrangen	nents	48C. What	kind of work was doing?		56. CHECK ITEM		
TH	E SUPPLEMENT QUESTIONS.	Bett	er pay							or Linitem 48E	4s# 57)
1000	SUPPLEMENT QUESTIONS oved = 0,M.B. No. 1220=0119 = Expires 7-31-91		er arrangem other famili			48D. What	were's most important activ	ities or duties	All other cases		Skip to 58)
-	ECK ITEM	-	ws time for			at the	s job?			or the work does at	nome as
	try (or N/A) in item 20A or item 21B and		er – Voluni			İ			part of this job?		
i	tem 25 marked								¥ 9 S	No	_
	1 2, 4, 5, 6, cr 3 (Ask 30)		ntary reason aid not get a		op	0				nuch does usually es	
	tem 25 marked 3 or 7 (Skip to 31)	1	uirement of			F				BEFORE deductions? In nmissions, or tips usuall	
	item 25 blank (Ask 30) others (Go to	i	er - involu								
1 41	others (Go to next person)	38. CHECK	ITEM			Ē	. ^		1		
	D-IN: This month we are asking some additional	1	of P. F. S o	r Lucuse=	n 23E . 4s# <i>39)</i>		, č				
que	stions on multiple jobs and work schedules.	1	of P, F, S or ner cases		⊓ 23 ±	5	о с				
30. Yo	ou told me that worked for /Entries in 23A					E					
	D). How many hours per week does usually ork at this job?				er schedule that allows begin and end their	0					
"		work da				L			-		
1			Yes			1	ef, Ref.		!		
-	224	4	No				nc. Unc.]	_	
	's work for (Entries in 23A to D), how many ours per day does usually work at this job?	Do	n't Know				employed by —		59. What is the main	reason that worked	et more
	• •			joes d	o any of 's work	REA	D CATEGORIES.	_	than one job?		
		at hom	e?		_	1	IIVATE sector company			r household expenses	
32 H	ow many days a week does usually work	1	Yes	(Ask			DERAL government		• To pay oil debt		
	this job?		No	(Skip	10 44)	1	ATE government		• To save for the		
- 1	1 4 5 1/2				ow many hours of's	1	DCAL government : elf-employed — Unincorporated	3	To get experier occupation of	ice in a different if to build up a busines:	
	2 4 1/2 6	work d	юdo at I	nome as p	ert of this job?		eff-employed — incorporated .	-	To neip out a fe		•
ł	3 5 7 7							afterment of	1	oney to buy something	pecial
	hich days of the week does usually work	1			. :	49. How	many days a week does , , , usu ob?	EILA MOLK ST		k on the second 100	
*1	this job? Mon Wed Fri C	42. CHEC	CITEM			1		1/2	Changed jobs in	luring the week	
9	Sun 🧔 Tues 🖫 Thur 🗦 Sat 🔾	1			m 23E 🗓 (Ask 43)	2	3 4 1/2 3	6 1	Other		
1	It varies	All ot	her cases.		3 (Skip to 44)	3	3 5 3	7 0		(End questions)	
. —						1	······································		4		

10-5

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Section Content Cont	LINE NUMBER	20. Did do any work at all			24.CHECK ITEM	
	İ		Did have a job or	Has been looking for work	Rotation numberi	25. CHECK ITEM
Secretary and the secretary an	When we going most			· · · · · · · · · · · · · · · · · · ·		
200-001-001-001-001-001-001-001-001-001-				F 160 10 24)		-
County C			/ i	22A. What has been doing in the last		number is:
Animon of the control	Keeping house			4 weeks to find work? (Mark <u>all</u>	,	1, 2, 4, 5, 6 or 8 (Skip to 26)
Control (State 2001) Control (State 2001)	Going to school	Yes No (Go to 21)	<i>Y</i>			3 or 7 (Go to 25A)
### Command with a control of work is a control of work in a control of	or something else?	204 How many hours			part-time?	
CAST WEEK Continue CAST WEEK Continue CAST WEEK Continue CAST WEEK Continue CAST WEEK Continue CAST WEEK			WORK LAST WEEK?	arth— avt employ agency	Within past 12 months	
And a control of colors of companies of control of colors of companies of control of colors of c			2	employer directly.	\ - '	
Compare showers 5 200. CHECK ITEM Does of Service	With a job but not at work 3		Own liness	r ends or relatives		
Control Cont	:	01 011 10 D3.	0	Placed or answered ads	1	work at this job?
Commerce 20	- :	20B CHECK ITEM	On vacation.	Nothing (Skip to 24)	1	
Control (See Pub). OT 1-24 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-26 (Cap or 1990). 1-27 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-28 (Cap or 1990). 1-29 (C	Going to school	:	Bad wearbor		5 or more years ago	
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1-24 Gibbs to 2001 New of 3 to Seen 1239 and work of 3 to Seen 1			Labor dispute.		270/	
Sec. 20 Sec.		1-34 (Go to			24B. Why did leave that job?	=
25-89 Color 2020 color Color	`		New ico to begin /Skip to	·		
200. D4 lose any men of take m		25-48 (Ga to 200)	,54,615		(Incl. pregnancy) or school.	
With a the reson SUBJALLY work 35 control State The resonance of the resonance State The resonance State The resonance State The resonance State State The resonance State State The resonance State S			· 22C2)		Hearin.	25B, Is paid by the hour
SEES where it states a set of the		20D. Did lose any time or -	1	·	1 _	on this job?
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DOC Does	1	WEEK for any reason	Ingeligite lavotf	1	Seasonal iob completed	
OC. Does USUALLY was 13 Dongs or more a week of this politic state of the politic state o	ı	such as illness, holiday			Sizes was as h	
hours or more a vertex it this policy. Yes: What is the reason should feet than 35 hours LAST WEEK? You What is the reason USUALLY works the phan 35 hours		or stack work?	or no def. recall \ 22C3)			
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25. Is a sectioning age of state of the section of	Yes What is the reason	Gid lake on 7		• Other (Specify in notes).		per hour?
28. Is recovery wages on an eliment federated: a start from history and colleges desired and an eliment federated: a context of the many from history (200 And 1972C) and 1				22C, 11 How many weeks	Other	1
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Sample S	less than 35 hours			did start looking	(Specity in notes)	<u> </u>
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City not want full-time work. City time work week under 35 hours. City of reason (Specify). City of	school personal bus letc	Ç			Other (Specify in notes)	to a union?
Cher reason/Specify). On Northand 5 vears abo. Nore than 6 than 6 t		E		(Month)	a Don't know	Yes _ (Skip to 26)
Nore than 5 vests abo. Never worked Never wor		'υ		One to tive years ago	- Don't know	No : (Ask 25F)
Other reason (Specify). ON Nover worked at all		S	_			
Never worked at all. Never worked at all. Skil's to 23. If lavoid entered in 21A, enter job, either full or part time, from which faid off. Else enter loss full time, and lost seeks? Skil's to 23 and enter job worked Unc.		t	-		of any kind in the next 12 months?	25F. On this job, is covered
New Worked at all properties of the properties		0		!	Yes	by a union or employee
Ref. Ref. Unc. Unc. Unc. Unc. Unc. Unc. Unc. Unc		N		i .	It depends (Specity in notes)	association contract?
(Skip to 23 and enter job worked Unc. Unc. Unc. Unc. ip listing yeeks or more, or inever worked.") 23. DESCRIPTION OF JOB OR BUSINESS 23A. For whom did work? (Name of company, business, organization or other employer.) 23F. CHECK ITEM An employee of a PRIVATE Co.		15			n No	Yes - 1
(SA) (SA)		Ref.	Ref.	which laid off. Else enter last full tim	e Don't know	(Go to 26)
23. DESCRIPTION OF JOB OR BUSINESS 23A. For whom did work? (Name of company, business, arganization or other employer.) 23E. Was this person An employee of a PRIVATE Co, bus, or individual for wages, salary or comm A SEDERAL government employee. 23F. CHECK ITEM 23B. What kind of business or industry is this? (For example: TV and radio mtg., retail shoe store, State Labor Dept.) 23C. What kind of work was doing? (For example: electrical engineer, stock clerk, typist, farmer.) 23C. What kind of work was doing? (For example: electrical engineer, stock clerk, typist, farmer.) 23D. What were's most important activities or duties at this job? (For example: types, keeps occount books, files, sells cars, operates printing press, finishes concrete.)		Unc.	Unc.			1
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Self-emol. in OWN bus. prof. practice. or farm Is the business incorporated? NoSE [Skip] All other cases (Skip) selfs cars, operates printing press, finishes concrete.) Working WITHOUT PAY in fam. bus. or farm WP (10 26)	23C What kind of work was doi:	ng? (For example: electrical engin	eer, stock clerk, typist, farmer.1	A LUCAL governm	rent employee	
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sells cars, operates printing press, finishes concrete.) Working WITHOUT PAY in fam. bus. or farm WP © 10 26)	23D. What were's most importar	nt activities or duties at this job?	For example: types, keeps account	books, files,		All other cases 3 (Skip to 2)
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18A.	188. RELATIONSHIP TO REFERENCE PERSO	N	18C.	180.	18E. MA	RITAL	18F.	18G1. SEX	18H. HIGHEST	1		:
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	Poster Child	11			Se	parateg :		Cities Service				
	Non-rei of Pet Person			1	146	ever		Nonveteran		Ì		
	WITH OWN ret in Hilld	12	None			narried	None	1	1		ļ	1 1
_	Partner/Roommate Non-rei, of Ref. Ferson tother than partner/	13	1									
	roommatel with NO OWN ret in hihld	14	İ	1	-		-	_ _		, —		
36 641	ECK ITEM 3	4. LAST WE	EK at what	t time of	day did	. begin	43. Does .	get paid for the additional hours	ot 50. V	hich days of the	week does usually v	vork at
Zo. Unit	inscribe from control cord (tem 18)		this job moi		10 =		work.	puts in at home as part of this jo	ob? t	nis job? Mon	Wed F	., İ
The	s person is	1 4	,		11 3	. AM .	Ye	s I No .	ļ	Sun Tues	Thur Sa	11
16	=24 years of age (Ask 26A)	,		v v15	. הספת 2		MA LASTV	VEEK: in addition to the job with (it varie	
AI	Lothers (Skip to 26C)	2 5	9 -	-	dnight	PM :	ENTRY	Y in 23A), did do any paid wor	k for any		i .	
26A.//	School in 19. Verify) LAST WEEK	3 6					(ather)	employers?			iat time of day did b	egin work
) ×	as attending or enrolled in a high	5. LAST W			day did	. end work	Ye	es : (Ask 45) No	(Skip to 46)	n this job most da	Y\$/ == 10	
1 7	chool, college, or university? Mark "Yes" if currently on holiday or	on this jo	ob most day	•′ _	10 5					1 7	11	4M
5	easonal vocation. Mark "No" for	1 4	7 :	. =	11	AM :		WEEK, how many other employers id work for?	diddo	2 5 8	12 noon	ועים
	ummer vacation).	2 0 5		1;	2 noon	,, l	any pa			3.69	12 midnight	- 1
1	Yes (Verify) No (Skipto	3 : 6			idnight	. PM :		(Skip to 48A)		ACT WEEV -	nat time of day did e	01 wort 00
	26C)					A bour		WEEK, in addition to the job with i	(READ ,	AST WEEK, at wi his job most days	?	
1	College of Univ. (Ask 26B)	36. Which o	f the follow: Ily works at	ing best d this lob?	escribes th	HE DOURS		Y in 23A), did operate 's o er! business, profession, or farm?	wn [,	:0	AM
			ar daytime s		_	(Skip to 38)	\4HUCH			1 4 7	11	
	enroiled in school as a full-time part-time student?		ar oaytimes ar evening sl			(34) 10 20)	Υ.	es : (Skip to 48A) No .		2 5 8		eu l
1		-	ar night shif			1	47 LAST	WEEK, did have another job or	business at	3 6 9	12 midnight	į
1	Full time (Fill 26C)		ing shift () _		did not work at all?		Altogether, how r	nany hours a week doe	s usualty
		chang	es periodica	lly from		/ 📟	Y	'es _ (Ask 48A) No	1270	work at this job or	business?	
1	HECK ITEM. Who responded to the	Gays 1	o evenings (or nights		(Ask 37)			questionsi		- 1	
la la	bor force items for this person?		shift - one			1035377		D-IN: The following questions ref	er to 's			
	Seif /		o distinct pe		n qay .	1	l	and job or business.	54	Done verebri	to any of the work as pa	et of this iob
ł	Other —7		guiar schedi			1	Forv	whom did , work?		at home?		
	Self/Other		ged by empi			1				Yes /A	sk 55) NO	(Skip to 58)
							488. Wh	at kind of business or industry is th	NIE?			
ļ		37. What is		eson why	work	this type		,	55.	Does do alt of	the work as part of this	1 loo at nome t
DE	MINDER: BE SURE TO ASK THE LABOR	of shift								Yes .	No	
FO	RCE QUESTIONS FOR ALL HOUSEHOLD		ary reasons				48C. Wh	at kind of work was doing?	F.E	CHECK ITEM		
	MBERS 15 + YRS. OLD BEFORE ASKING E SUPPLEMENT QUESTIONS.	l.	ter child car	_			1		30.		, or L in item 48E	(Ask 57)
	SUPPLEMENT QUESTIONS	1	ter pay				<u></u> -			All other case		(Skip to 58)
4000	oved - O.M.B. No. 1220-0119 - Expires 7-31-91		ter arrangen f other fami					at were s most important acti				
	HECK ITEM		ows time to				att	his job?	57.	Does get pak part of this job?	for the work does i	at nome as
	try (or N/A) in item 20A or item 23B and		her – Volun				1				6 14	
1	Item 25 marked	1								∀es	No	
	1, 2, 4, 5, 6, or 8 (Ask 30)	1	ntary reason				0		58.		much does usually	
	Item 25 marked 3 or 7 (Skip to 31)	1	uld not get a				F		į		BEFORE deductions? Immissions, or tips usua	
1	item 25 plank (Ask 30)	P.	autrement o her – Involu				1 5			over une pery, co	annessorie, or tipe deal	,
	Go to		- INVOIL	annai y ne.	,		ļ ċ					
-	next personi	38. CHEC	KITEM				E	i Ō		13	[
LEA	AD-IN: This month we are asking some additional	Entry	of P. F. S c	or Linite	m 23 E	(Ask 39)	u	2 0				
	istions on multiple jobs and work schedules.	1				(Skip to 40)	S E	-	1			
30. Y	ou told me that worked for (Entries in 23A						4					
	D). How many hours per week does usually ork at this job?		on Hexitime o			ule that allows diend their	0 %					
1 "	ore er rus lon.	work			,		i.		1			
1			Yes					Ref. Ref.				
		١	No	:				Unc. Unc.	İ		-	
31.In	's work for (Entries in 23A to D), how many	i n	on't Know				48E. W	as employed by				
h	purs per day does usually work at this job?							EAD CATEGORIES.	59	than one job?	reason that works	g at more
-	7 2 7		t of this job,	does	do any of	's work			ļ	•		
1	7 I	at hon				_	4	PRIVATE sector company			iar nousenoid expense	
32 H	ow many days a week does usually work	7		(Asi				FEDERAL government	1	 To pay off det To save for th 		
	t this job?		NO	: (Ski	ip 10 44)			STATE government : LOCAL government			ence in a different	
- }	1 2 4 2 5 1/2 1	41. LAST	WEEK appro	ximately	how many	hours of 's		Self-employed — Unincorporati	be		or to build up a busine	25\$
1	2 7 41/2 7 - 6	work	did do at					Self-employed — Unincorporated			friend of relative	
1	3 5 5 5 7 2	1			. t 1						noney to buy somethin	g special
22	Thich days of the week does usually work	-		1 3 3	÷ t t	I 5 E		ow many days a week does us	ually work at	-	ork on the second job	
	t this job?	42. CHEC	KITEM				1	is job?			during the week	:
	Mon ○ Wed ○ Fri ○					0 44 : :::	1		1/2 0	• Other		
l	Sun C Tues C Thur O Sat C					(Ask 43)		2 0 4 1/2 0	6 C	•		
-	It varies C	All C	uner cases			○ (Skip to 44	<u>′</u>	3 0 5 0	, ,		(End questions)	
Щ.												-

LINE NUMBER 2	0. Did do any work at all	21. (If f in 19, skip to 27.4.)	22, (If LK in 19, Skip to 22A.)	24.CHECK ITEM	
	LAST WEEK, not counting	Did have a 100 or	Has been looking for work	Rotation numbers	25. CHECK ITEM
	work around the house?	business from which he/she is	during the past 4 weeks?	: First digit of SEGMENT number is:	Rotation number!
What was doing most of LAST WEEK +	(Note: If farm or business	was temporarily absent or	ros °۰۰ (Go to 24)		First digit of SEGMENT
Working	operator in hh., ask about	on layoff LAST WEEK?	22A. What has been doing in the last	3 or 7 Go to 2+41	number is:
Keeping nouse	unpaid work.)	-es %0 (Go to 22)	4 weeks to find work? (Mark all		1 2, 4, 5, 6 or 8 (Skip to 26)
Going to school	yes No 1Go to 211 i	/ 40 40 10 127 1	methods used; do not read list.)	24A. When did last work for pay at a regular job or business, either full- or	3 of 7 (Go to 25A)
or comething else?	<i>'</i> ———	21A, Why was absent from	Checked publishmolov agency "1"	part-time?	//
12	20A. How many hours	WORK LAST WEEK?	with— out employ agency		25A. How many hours
Varking (Skip to 20A) AK	did work	!	amplover directly	Within past 12 months	per week does
Vith a job but not at work		Own timess	triends or relatives	1 up to 2 years ago	USUALLY
Doking for work LK	at all jobs?		Fraced or answered ads	2 up to 3 years add	work at this job?
eeping nouse	OB. CHECK ITEM	On vacation	Nothing (Skip to 24)	4 up 10 5 years ago.	
Joing to scrool	the state of the s	Bad weather .	Other (Specify in notes, e.g.,	5 or more years ago	
Inaple to work iSkip to 24)U	19 (Skip to	Jac Westrier	TPA, union or prof. register, etc.,,	Never worked. (Skip to	
Retired OT	item 231	Lapor dispute		.40/	_
	1-34 (Go to		22B. At the time started looking	24B. Why did leave that job?	=
` !	2001	New ion to begin / Skip to	for work, was it because he/she	Personal, family	
Į.	35-48 (Go to 20D)	within 30 days 22B and	lost or quit a job or was there some other reason?	Incl. pregnancy) or school.	
		22C2)	Tost job	riea(thaireannaigh a ann agus	25B. Is paid by the hour
	20D. Did lose any time or '	Temporary lavoit	• Cost job	Retirement or old age .	ou mis loot
	take any time off LAST	(Under 30 days)	• Left school.	therment of old age :	Yes (Go to 25C)
-	WEEK for any reason	Indefinite lavoff (Skip	Wanted temporary work.	Seasonal iob completed	No (Skip to 25D)
	such as illness, holiday	(30 days or more to	Change in home	Stack work or business conditions	25C. How much Dollars Cent
C. Does USUALLY work 35	or stack work?	or no def. recall \ 22C3)	or tamily responsibilities	Temporary	25C. How much Dollars Cent
hours or more a week at this job?	Yes How many hours	, I	tett military service	nonseasonal iob completed.	eam
	did take off? 7	Ciner (Specify)	Other (Specify in notes).	Unsatisfactory work	per hour?
Yes What is the reason	,			attangements (Hours, pay, etc.)	
worked less than			22C. 1) How many weeks	Other]
35 hours LAST WEEK?	(Correct 20A if lost time	21B. Is receiving wages	has been looking	24C. Does want a regular job now,	<u> </u>
!	not already deducted;	or salary from his/her	for work?	either full- or part-time?	S C
No What is the reason	:1 20A reduced below 35.	employer for any of the	•	Yes (Go to 24D)	
USUALLY works	correct 208 and till 20C)	time off LAST WEEK?	2) How many weeks ago	Maybe — 1 depends	
less than 35 hours		! Yes	did start looking	No /Specify in notes)	
a week?	No -7		for work?	Don't know	
(Mark the appropriate reason)		٧٥	31 How many		(Ask 250) REF
Slack work	20E. Did work any overtime	: : 	3) How many weeks ago was laid off?	24D. What are the reasons is not looking for work?	25D. How much does
SIGER WO'R	or at more than one job	21C. Does , usually work	wassaid Ditr	(Mark each reason mentioned)	USUALLY
Material shortage	LAST WEEK?	35 hours or more a week	220, Has been looking for full-time		earn per week
Plant or machine repair	: Yes How many extra	at this job?	or part-time work?	available in line of work or area	at this job
	hours did work	1	Full Part	Couldn't find any work	BEFORE
New job started outling week	ļ <i>*</i>	∀es	22E. Could have taken a job LAS	• Lacks nec. schooling,	deductions?
Job terminated during week.		No	WEEK if one had been offered	1/aining, skills of experience	Include any
	(Correct 20A and 20B as	1 ***	1	Employers	overtime pay,
Could find only part-time work	necessary if extra hours		Yes No Why not?	think too young or too old.	commissions,
Holiday (Legal or religious)	not already included and	(Skip to 23 and enter job	Already has a iop	Other pers handicap in finding job	or tips usually
Labor dispute.	skip to 23.)	neid last week!	Temporary inness .		received.
	`.o <u></u>		Going to school	Can t arrange <u>child rare</u>	PEF
Bad weather	(Skip to 23)	<u>:</u>	Other (Specify in notes)	Family responsibilities	FEF
Own illness .	O INDUSTRY	OCCUPATION	22F. When did last work at a	• In school or other training	25E. On this job, is a memt
	F		full-time job or business lasting	2 mischage of dever training	of a labor union or of an
On vacation,	F		2 consecutive weeks or more?	 III hearth, physical disability 	employee association sim
Too busy with housework.	c		Within last 12 months (Specify)	Other (Specify in notes)	to a union?
school, personal bus , etc	Ē		(Month)		ves (Skio to 26)
Did not want full-time work	U		One to five years ago	Den tiknew	No (Ask 25F)
Figit-time work week under 35 hours	įŠ	_	More than 5 years ago	24E. Does intend to look for work	
Other reason (Specify).	į E		Never worked	of any kind in the next 12 months?	25F. On this job, is covere
St. ici reasoni speciny).	o		full-time 2 wks. or more	∀es	by a union or employee
`	.N		Never worked at all	depends (Specify in notes)	association contract?
	L		(SKIP to 23.1f layoff entered in 21.A. enter job, either full or part time, from		V
	Ref.	Ref.	which laid off. Else enter last full tim	ne Don't know	Yes - (Go to 26)
(Skip to 23 and enter job worked	Unc.	Unc.	job lasting 2 weeks or more, or "never worked.")	(If entry in 24B, describe job in 23, otherwise, skip to 26)	1 . ,
at last week)	INCCC		, separ worked. /	1 00161 4136, 3410 10 201	-
23. DESCRIPTION OF JOB OR BUS			225		23F. CHECK ITEM
23A. For whom did , work? (Name	of company, business, organization	on or other employer.)	23E. Was this person An employee of a f	DOMATE C.	ZJF. CHECK FIEM
				PHIVATE Co, ual for wages, salary or comm ?	
		adia mta sasadikan sasa Secol		1 1	Entry (or NA)
		oaio mia., retail shoe store, State Li	•	rnment employee	
23B, What kind of business or industr	ry is this? (For example: TV and re		• CT • TC	nent employee	F) ((Ga II
23B, What kind of business or industr	ry is this? (For example: TV and r			1	
		stock clash trans farmer		ment employeeL	Entry (or NA) page
23B. What kind of business or industration of work was doin		eer. stock clerk, typist, farmer.j	A LOCAL government	thent employee	
		eer. stock Clerk, typist, farmer.)	A LOCAL governm	bus , prof. practice, or farm	Entry (or NA) page
23C, What kind of work wasdoin	ng? (For example: electrical engine		A LOCAL government of the business	bus , prof. practice, or farm incorporated? \ Yes	Entry (or NA) page) in item 218
	ng? (For example: electrical engine		A LOCAL governor Self-empl. in OWN Is the business	·	Entry (or NA) page/ in item 218

18A. İ	188. RELATIONSHIP TO REFERENCE PERSO	N	18C.	18D.	18E. MA		18F.		IBG1. SEX	BH. HIGHEST			
LINE I	Ref. Person WITH region in hild	. : :	PAR'S	AGE	I STA	ATUS	SPOUSE	SE'S!	tale f	GRADE	181. GRADE	18J. RACE	18K.
	≘et person with NO ret in Hibid	:-	LINE			riea— ouse	LINE NUMBE	ERI	=-male //	ATTENDED	COMPLETED		ORIGIN
i	Husbano .	ف.	NO.	1		eseni	110111111		18G2. VETERAN STATUS		Ves	White	
ļ	Arte	. 34 35		1	1 1 154	neg –			. eteran —		i	31ack	
	Natural/Adopted Child	. 76	1		:0	ouse		ļ	* · · ·		No	Amer, Indian,	
	Grangchild	:-		İ		sent x <i>clude</i>		1.	etnam Éra			≟ieut.Eskimo	
	Parent	30.0		1		paratea)			Korean War		İ	i Asian or	
	Brother/Sister.	. 39			2.4	cowea		- 1	Nortd War II		i	Pacific Isl	!
	Other Reillot Reil Person	.2		1	En	orceo			Norid War I Other Service			2:ner.	
	Foster Child				let	carates		ļ	•			_	1
	Non-relict Ref Person WITH OWN relich Hind	-:		Ì		v er			`-onveteran				
	Partner/Roommate	. 3	*vone		_ ~	carried	None	;			' <u>-</u>	1	į
	Non-rei, of Ret. Person tother than partner roommatel with NO OWN rel in Hilhid.		İ		} ■							į.	
	L	4. LAST W	EV as urba		day did	bear	13 Dose	1	et paid for the additional hours	ot 50	Which days of the	week does usually v	work at
26. CHI	CK ITEM inscribe from control card :tem 18)		this job mo			. Degin			outs in at home as part of this job		this job?	_	.,
	s person is	1 4	. 7		10 :	AM	Y	Yes	No	1	Sun Tues		at
	-24 years of age (Ask 26A)	-2 6	•	- 43			44. LAST	TWEE	K, in addition to the job with /R	EAD	to a single of the single of t	· · · · · · · · · · · · · · · · · · ·	
	others . (Skip to 26C)	3 6			anight	PM	ENTA	TRY in	23A1, did do any paid work	for any			
26A.//	f 'School' in 19, Verify) LAST WEEK		5 5 K			and work	tother	er) emp	ployers?		on this job most da	nat time of day did b iys?	ediu wour
, v	vas attending or enrolled in a high chool, college, or university?	5. LAST W on this j	ob most day			. EIRI WORK	`	Yeş	(Ask = 5) No (5	kip to +6)		10	#M
i o	Mark "Yes" if currently on holiday or				10	AM	45. LAST	ST WEE	K, how many other employers	did do	1 4 7	12	
	easonal vocation. Mark "No" for urmer vacation).	1 .			11	1			vork for?		2 5 9 3 6 9		2M
	Yes (Verify) No (Skipto)	2 5			2 noon ianight	PM			Skip 10 +8A1	-			
	× 26C1								K, in addition to the job with //	READ	LAST WEEK, at we this job most days	hat time of day did 6	end work on
	High school (Ask 268) College or Univ.	36. Which o	f the follow illy works a			e hours	ENT	TRY in	23AJ- did operate s ov		cos jou most days	0,	÷Μ
			ar daytime			(Skip to 38)					1 4 7	11	. •••
	enrolled in school as a full-time (part-time student?	-	ar evening s			10.00		Yes	(Skip to 48A) No	(Ask 47)	2 5 B	12 noon	24
	Evillima	-	ar night shi			1	47. LAST	ST WE	EK, did have another job or t		3 6 9	3 12 midnight	
ļ	Part time (Fill 26C)		ing shift —] =			did not work at all?			many hours a week doe	susually
350.0	HECK ITEM. Who responded to the		es periodici to evenings					Yes	(Ask 48A) No	End questions)	work at this job or	DUSINESS /	
	abor force items for this person?		t shift - on		מר	(Ask 37)	ARA IF	FAD-IN	I: The following questions refe				
			a distinct p			\			job or business.	L_			
	Self / Other ——7		gular sched			1	For	or who	om did.,.work?	54.	, Does usually of at home?	so any of the work as pi	art of this job
!	Self/Other		ged by emp			1						s# 55) No	'Skip to 581
							48B. W	What ki	ind of business or industry is thi	s?			
1		37. What is of shift		yriw norm	works	this type				55	. Does do all of	the work as part of this	Floo at nomer
RE	MINDER: BE SURE TO ASK THE LABOR		 tary reasons				i —				1 e s	70	
FC	INCE QUESTIONS FOR ALL HOUSEHOLD EMBERS 15 + YRS. OLD BEFORE ASKING	1	ier child ca		ments		48C. W	What ki	ind of work was doing?	56	CHECK ITEM		
	E SUPPLEMENT QUESTIONS.	3e	ter pay .								Entry of P. F. S	, or L in item 48E	4sk 571
	SUPPLEMENT QUESTIONS		iter arrange				48D. W	What w	vere s most important activi	ties or duties	All other case	s .	iSkip to 581
	oved - O.M.B. No. 1220-0119 - Expires 7-31-91	-	f other fam				at	at this i	100)	57		for the work goes i	at home as
	HECK ITEM		iows time to her – Volui								part of this job?		
i tr	itry (or N/A) in item 20A or item 21B and item 25 marked				~		-				* es	**0	
	1 2, 4, 5, 6, or 8 (Ask 30)		intary reaso outd not get		r ich		0			58	3. Altogether, how	much does usually	earn per week
[item 25 marked 3 or 7 Skip to 311	1	ourement :		•		F					b BEFORE deductions? ommissions, or tips usua	
	item 25 plank [Ask 30]		ner - Invoi				1 1			j		_	
<u>^</u>	il others (Go to next person)	38. CHEC	Y ITEL				, E		2		\$]	
LE	AD-IN: This month we are asking some additional	1			225	1-5-201	U	Ņ		i			
QU	estions on multiple jobs and work schedules.	1	of P, F, S			-4s# 39) (Skip to 40)	S	D	c c	[_	
30. Y	ou told me that worked for (Entries in 23A		ther cases .				E						
	D). How many hours per week does usually	39. ls	on flexitime irs to very th	or some o	ther schedu	ile that allows	0 0						
1 "	ork at this job?	work		1111111 TITE	t begin and	2 end then	L			Į.			
		1	Yes				Y	Ret					
		4	No				L	Und					
	ours per day does usually work at this job?	:	on't Know						. , employed by	5	9. What is the mail	n reason that worke	ed at more
"	ours per day upes outany work of the jour	40. As DE	rt of this job	, does	do any of .	's work	7 /	READ	O CATEGORIES.	_	than one job?		
		at ho							VATE sector company			ilar household expense	es
20	The same days a second place to the same state of the same state o	\dashv	Yes		k 41)				DERAL government	}	To pay off det		
	low many days a week does usually work it this job?		No	. /SA	ip to 44)				ATE government	1	To save for the To save f	ne future ence in a different	
	1 4 51/2	41. LAST	WEEK appr	oximately	how many	hours of's			CAL government If-employed — Unincorporated	, 1		ence in a different or to build up a busin	ess
1	2 4 1/2 6	work	did do a	it home as	part of this	1001			If-employed — Incorporated	-		friend or relative	
ļ	3 . 5 . 7 .						40		many days a week does usu	ally work ==		noney to buy somethin	
	Which days of the week does usually work	1				· :		this jo		ent work at		ork on the second job	
	st this job? Mon ; Wed ⊕ Fri	42. CHE	CK ITEM					1		1/2		s during the week .	
	Sun O Tues C Thur C Sat C	Entr	y of P. F. S	S, or L in i	tem 23E	C (Ask 43)		2	© 4.1/2 J	6 J	• Other		-
1	It varies 2	Ail	other case:	s <i></i>		े (Skip to 44	,	3	O 5 0	7 0		(End questions)	
L	It varies _		Outer Case:			~ 3KIP 10 44	<u>′ </u>					Lue questions	

LINE NUMBER	O. Did do any work at all	21. /// / in 19, skip to 2TA.) Did have a job or	22. (If LK in 19. Skip to 22A.) Hasbeen looking for work	24. CHECK ITEM (Rolation number)	25. CHECK ITEM
1	work around the house?	business from which he/she	during the past 4 weeks?	First digit of SEGMENT number is:	(Rotation number)
What was doing most	(Note: If farm or business	was temporarily absent or		1 2.4.5.6 or 8 (5kip to 26)	First digit of SEGMENT
of LAST WEEK -	operator in hh., ask about	on layoff LAST WEEK?	<i>'</i>	3 or 7 (Go to 24A)	number is:
Working	amount worth I	1	22A. What has been doing in the last		
Keeping nouse	· · · · · · · · · · · · · · · · · · ·	res No (Go to 22)	4 weeks to find work? (Mark all	24A, When did last work for pay at a	1, 2, 4, 5, 6 or 8 (Skip to 26)
Going to school	Ves *in (Go to 21) ∫	<i>Y</i>	methods used; do not read list. I	. regular job or business, either full- or	3 or 7 (Go to 25A)
	20A. How many hours	21 A. Why was absent from	Checked bub employ agency		25A. How many hours
	aid work	WORK LAST WEEK?	with— gvt, employ agency	Within past 12 months	per week does
Working (Skip to 20A)	LAST WEEK	Own riness	employer directly	1 up to 2 years ago	USUALLY
With a lob but not at work J	at all jobs?	3	friends or relatives	2 up to 3 years ago (Go to 248)	work at this job?
Looking for work LK		On vacation	Placed or answered ads	3 up to 4 years ago .	WG/K 21 11112
Keeping house	208. CHECK ITEM	-	Nothing (Skip to 24)	4 up to 5 years ago.	'
Going to school		Bad weather	Other (Specify in notes, e.g.,	5 or more years ago	
Jnable to work (Skip to 24). U	49 /Skip to .	Sad vicamen.	[TPA, union or prof. register, etc.]	Never worked (Skip to 24C)	
Retired	item 23)	Labor dispute			
Other (Specify) OT	1-34 (Go to		228. At the time . , . started looking	248. Why did , leave that job?	
•	20C)	New rob to begin (Skin to	for work, was it because he/she	Personal, family	
	35-48 (Go to 20D)	New lob to begin (Skip to within 30 days 228 and	fost or quit a job or was there	(Incl. pregnancy) or school	
		22C2)	some other reason?	- Health, Her history and the second	25B. Is paid by the hour
į	20D. Did lose any time or	Temporary layoff	• Lost job		on this job?
	take any time off LAST	(Under 30 days)	Quit job	Retirement or old age	Yes : (Go to 25C)
1	WEEK for any reason	. /	Left school	Seasonal job completed	No 🙄 (Skip to 25D)
	such as illness, holiday	Indefinite layoff (Skip	Wanted temporary work		
	or slack work?	or no def. recall \ 22C3	Change in nome	Stack work or business conditions	25C. How much Dollars Cents
C. Does USUALLY work 35	OI SIDER WOLK!	date)	or family responsibilities	Temporary	does
hours or more a week at this job?	Yes How many hours		Left military service	nonseasonal iod completed	earn
	did take off? 7	Other (Specify)	Other (Specify in notes)	Unsatisfactory work	per hour?
Yes What is the reason	,			arrangements (Hours, pay, etc.)	
worked less than		1		Other	
35 hours LAST WEEK?	(Correct 20A if last time	21B. Is receiving wages	has been looking	24C. Does want a regular job now,	
	not already deducted:	or salary from his/her	for work?	either full- or part-time?	\$ 4
'vo What is the reason	if 20A reduced below 35.	employer for any of the		Yes Line 2001	
USUALLY works	correct 208 and fill 20C)	time off LAST WEEK?	2) How many weeks ago	Maybe — it depends (Go to 24D)	
less than 35 hours		1	did start looking	(Specify in notes)	
a week?		Yes	for work?	No (Skip to 24E)	=
(Mark the appropriate reason)	/	No 1		Don't know .	(Ask 25D) REF
(1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	20E. Did work any overtime		3) How many weeks ago	24D. What are the reasons , is not	
Slack work	or at more than one job		was laid off? -	looking for work?	25D. How much does
Material sportage	LAST WEEK?	21C. Does usually work		(Mark each reason mentioned)	USUALLY
Material shortage		35 hours or more a week	22D. Has been looking for full-time or part-time work?		earn per week
Plant or machine repair	Yes How many extra	at this job?		available in line of work of area	1
	hours did work	√ 1	Full Part .	Couldn't find any work	BEFORE
New (ob started during week	1	∀es	22E. Could have taken a job LAS	T • Lacks nec. schooling,	deductions?
Job terminated during week.	201 1200	40	WEEK if one had been offered	: itaining skills or experience .	Include any
Could find only part-time work	(Correct 20A and 20B as		İ	Employers	overtime pay, commissions,
Could find only barranne work	necessary if extra hours		Yes No Why not?	think too voung or too old.	
Holiday (Legal or religious)	not already included and	(Skip to 23 and enter iob	Aiready has a iob.	Other pers nandicap in finding job	or tips usually
	skip to 23.1	held last week)	Temporary illness .		received.
Labor dispute	·.o	i	Going to school	Can t arrange <u>child care</u>	, ,
Bad weather	(Skip to 23)		Other (Specify in notes)	Family responsibilities	₽€F
•		OCCUPATION			25E. On this job, is a membe
Own illness	O INDUSTRY	OCCUPATION	22F, When did last work at a	• (<u>n school</u> or other training	of a labor union or of an
On vacation.	F		full-time job or business lasting 2 consecutive weeks or more?	Hi health, physical disability	employee association similar
Too busy with housework.	11		Within last 12 months (Specify)		to a union?
school personal bus , etc.	iç			Other (Specify in notes)	
Did not want full-time work	E		(Month)	Donitknow	Yes (Skip to 26)
Fruit-time work week	U		One to five years ago		No . (Ask 25F)
under 35 hours	S		More than 5 years ago	24E. Does intend to look for work	255 On ship inh is
Other reason (Specify).	E	—	Never worked full-time 2 wks, or more	of any kind in the next 12 months?	25F. On this job, is covered
******	lo		Never worked at all	Yes	by a union or employee
	N		(SKIP to 23. If layoff entered in 21A.	It depends (Specify in notes)	association contract?
	ţ		enter job, either full or port time, from	Mo.	Yes C Lacronson
	Ref.	Ref.	which laid off. Else enter last full tim	ne Don't know.	Yes (Go to 26)
(Skip to 23 and enter job worked	Unc.	Unc.	job lasting 2 weeks or more, or "never worked.")	(If entry in 24B, describe job in 23, otherwise, skip to 26)	1
at last week)	1		1 116761 WOLLEGO,)	0 min wite, skip to 207	1 ,,,,
23. DESCRIPTION OF JOB OR BU					225 CUECK TELL
23A, For whom did work? (Nam	e of company, business, organizati	on or other employer.)	23E, Was this person		23F. CHECK ITEM
			An employee of a l	PRIVATE Co, ual for wages, salary or comm. P : ;	1
			·····	dal for wages, salary or commi.	Entry (or NA)
23B. What kind of business or indus	try is this? (For example: TV and i	radia mtg., retail shoe store, State E	obor Dept.) A FEDERAL gove	rnment employee F (Go to	in item 20A
				nent employee	(60 10
				ment employee L I	Entry (or NA) page)
23C, What kind of work was dos	ng? (For example: electrical engin	eer, stock clerk, typist, farmer.)			in item 218
	-			bus, prof. practice, or farm	•
			Is the business	incorporated? Yes	
23D. What were's most importa	nt activities or duties at this job?	(For example: types, keeps account	it books, files,	No SE O	All other cases C (SAIp to
					:
	s, finishes concrete.)				
sells cars, operates printing pres	s, finishes concrete.)			JT PAY in fam, bus, or farm,WP © \ to 26 DNEV ©	7

18A.	188. RELATIONSHIP TO REFERENCE PER	SON	18C.	18D.	18E. N	MARITAL	18F		18G1. SEX	18H. HIGHES	T.			
LINE	Ret Person WITH rei in Hibidi	:	PARS	AGE		STATUS	1	DUSE'S	.'0'0	GRADE		18I. GRADE	18J. RACE	1 18K.
	Reti berson with NO reviation hits.	. ::	NO.		1	darried= couse	LIN	IE MBER	Female 📝	ATTEN	DEDI	COMPLETED		ORIGIN
	Hispand .		1 110.	-	1	resent		W.DEIX	18G2. VETERAN STATUS			· · · · · · · · · · · · · · · · · · ·	White,	
	Arte : Natural/Adopted Child :		1		1 ,	darrieg –	İ		Veteran →			Yes	5:ack	į
	Step Child		:	İ	į	.pouse			,		!	No	Amer, Ingian.	:
i	Grandchild		1		1	Exclude	1.		√ etnam Ēra		1		Aleut Eskimo	!
		08			1	separated)	1		Korean War		1	:	Asian or	
	Brother/Sister	. 39 10	i			Dewoon			Norld War ii Norld War ii		1	į	Pacific Isl.	
	Foster Child			1		Divorced			Other Service		i		Other,	1
	Nanirei of Ref. Person				1	3-го а гат ⊬д	İ				ļ		_	:
	ATH OWN ret in mind				Ì	'vever married	l.		Nonveteran		!			;
	Hartner/Roommate	. 3 er/	None	l	١_		Non	e			!	_		
	roommatel with NO CWN resish mining	14			-							=		1
26. CHE	CKITEM	34. LAST WE			day did	begin	43. [Does	get paid for the additional hours	01 15	50. Wh	ich days of the v	reek does usually	work at
	nscribe from control card :tem 18)	work on	this job mo	st days?	10		٧	~ Of k	puts in at home as part of this jo	fα.	this	l job? Mon	√ved	F1
	person is =24 years of age (Ask 26A)	1 4	7		11	MA		Yes	No		5.			ál
	i otners (Skip to 26C)	.2 .5	B		noon.	· , · · _{PM}			EK-in addition to the job with //		• • • •		ing in _ it vari	
264 ///	School in 19. Verify) LAST WEEK	3 6	9 '	12 mi	anight	, I AVI			n 23A), did 🛴 do any paid work nployers?		51.14		st time of day did	
	as attending or enrolled in a high	35. LAST WE	EK at wha	t time of c	day oid	end work	2			i		this job most day		ocym wo.z
(8	thool, college, or university? Mark "Yes" if currently on holiday or	on this jo	b most day	**?	:0			Yes		Skip to 46)	,	,	10	à M
se	asonal vocation. Mark "No" for	1 4	. 7		11	AM			EK, how many other employers	0d bib	,	4 7 5 A	12 noon	
27	immer vacation).	2 5	a	12	noon S	PM	•	bisq yns	work for?		3	6 3	12 midnight	÷.V
	Yes (Verify) No (Skip to 26C)	3 6	9	12 mi	quignt	rM			(Skip to 48A)		57 14	ST WEEK	nt time of day did	and worth ar
	High school . (Ask 268)	36. Which of	the follow	ing best de	escribes	the hours			EK, in addition to the job with //	READ		s job most days?	•	TIM WOLEDO
	College or Univ.		ly works at						business, profession, or farm?				10	414
	enrolled in school as a full-time	1	ir daytime s			(Skip to 38)		Yes	(Skip to 48A) No	(4sk 47)	:	5 8	12 noon	
01	part-time student?		ir evening s			1	<u></u>				3	5 3	12 mignight	214
	Full time (Fill 26C)		ir night shif ng shift — c			}	47. L	∟AST WI which	EEK, did have another job or : . did not work at all?					
_	Part time	change	es periodica	illy from		/ 📟	,	Yes		(End		logether, now mi ork at this job or t	any hours a week doe susinesa?	s ususiiy
1	HECK ITEM. Who responded to the		o evenings o			((Ask 37)	1		17124 70717	questions				
la	bor force items for this person?		shift — one distinct pe			((((((((((((((((((((48A.		N: The following questions refe	r to \$				
	Self /		ular schedu		. 0. 1	1			job or business. om did work?	ŀ	54. Do	es usuativ de	any of the work as p	art of this ion
	Other Self/Other		ed pA surby				1	roi wn	om dig Work!			home?		
	Serrother	Other .				,						Yes /AsA	551 No	15kip to 581
1		37. What is		ason why	wort	ks this type	48B.	. What k	ind of business or industry is the	s?	55. Do	es do all of ti	w work as part of this	ob at home?
BEN	AINDER: BE SURE TO ASK THE LABOR	of shift?										Ye s	No.	
) FOR	RCE QUESTIONS FOR ALL HOUSEHOLD MBERS 15 + YRS. OLD BEFORE ASKING	l	ary reasons				48C	. What i	and of work was doing?					
	E SUPPLEMENT QUESTIONS.	1	er child cari er pay	-								HECK ITEM Intry of P. F. S.	or L. D. Jam 326	(4sk 57)
i	SUPPLEMENT QUESTIONS		er arrangem				ļ					All other cases	Ci E iii Hein ace	15kip to 581
Appro	ved - O.M.B. No. 1220-0119 - Expires 7-31-91		other famil				48D). What i at this	were s most important activition?			·	or the work soes .	
	ECK ITEM	1 1	ws time for						144.			art of this job?	or the work Joes	at (None as
_	ry for N/A) in item 20A or item 21B and	Oth	er – Volun	tary Reaso	on.		1					Yes	No	
! "	em 25 marked 1 2, 4, 5, 6, or 8 (Ask 30)	1	itary reason				-				58 A	together how m	uch does usually	48/D Der w.444
	tem 25 marked 3 or 7 (Skip to 31)		ld not get a				P				as	part of this job I	SEFORE deductions?	Include any
1	tem 25 blank (Ask 30)		uirement ol uirement ol				F				0	vertime pay, com	missions, or tips usua	sily received.
All	others (Go to next person)						ةً إ					:		
IFAI	D-IN: This month we are asking some additional	38. CHECK	ITEM				E	1	. 0			,		
	itions on multiple jobs and work schedules.		ot P. F. S o			· 4s# 39)	S		C		1	·		
30. Yo	u told me that worked for (Entries in 23A	Ail oth	er cases			(Skip to 40)	E							
10	DJ. How many hours per week does usually						٦ ،)						
wo.	rk at this job?	workers work da		time they	begin ar	nd end their	N	1						
1		1000					7	Re	f. Ref.				_	
	* :		Yes No					Un			1			
	's work for (Entries in 23A to DI, how many	Do	n't Know				48E	, Was .	employed by		<u> </u>	·····		
l no	urs per day does usually work at this job?			1000	0.00:-04	's work	٦		CATEGORIES.			/hat is the main r han one job?	eason that worke	d at more
		at home		uoes de	u any of	S WOIK		PRI	VATE sector company		1		nousenoid expense	5
-			Yes	(Ask	41)				DERAL government			To pay off debts		-
	w many days a week does . , , usually work this job?		No	(Skip	to 44)				ATE government		1	To save for the f		
1	1 4 51/2	41, LAST W	EEK approx	kimately h	ow man	y hours of 's	┪		CAL government			To get experiend		
	2 4 1/2 📥 6		d do at !						f-employed - Unincorporated		1		to build up a busine	:55
)	5 - 7 :	1							f-employed — incorporated		i	To help out a fre	and or relative ney to buy something	n special
33. WI	ich days of the week does usually work	┥			-		49.		many days a week does usus	sily work at	1	_	t on the second job	y aperior
	this job?	42. CHECK	ITEM				٦	this jo 1				Changed jobs d		
,	Mon , Wed I Fri I un ⊜ Tues , Thur I Sat ⊙	Entry	of P, F, S	or L in ite	m 23E	: (Ask 43)		2		/2 1 6 3		Other	-	
	it varies					(Skip to 44)		3		7 :			(End questions)	
1											1		FUR ANESTIONS)	

ATTACHMENT 11

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	AGRICULTURE, FORESTRY, AND FISHERIES Agricultural production, crops (01) Agricultural production, livestock (02) not used Agricultural services, except horticultural (07, except 078)
021 022-029 030 031 032-039	Horticultural services (078) not used Forestry (08) Fishing, hunting, and trapping (09) not used
040-050 040 041	MINING Metal mining (10) Coal mining (11,12)
042 043 <i>-</i> 049	Crude petroleum and natural gas extraction (13) not used
050 051-059	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	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
132-150 132 133-139 140 141 142 143-149 150	Textile mill products 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
170	Miscellaneous textile mill products (229)

	A 1 1 (1 (C) 1 1 1 (C) 1 1 1 (C)
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
	Plastics, synthetics, and resins (282)
180	Drugs (283)
181	Soaps and cosmetics (284)
182	not used
183-189	Doints viernishes and related products (285)
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
193-199	not used
200-201	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
202-209	not used
210-212	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-304, 306)
212	Miscellaneous plastics products (307)
213-219	not used
220-222	Leather and leather products
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)
223-229	not used
230-391	Durable Goods
230-241	Lumber and wood products, except furniture
230-241	Logging (241)
231	Sawmills, planing mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
232-240	not used
233-240 241	Miscellaneous wood products (244, 249)
	Furniture and fixtures (25)
242	
243-249	not used
250-262	Stone, clay, glass, and concrete products
250	Glass and glass products (321-323)
251	Cement, concrete, gypsum, and plaster products (324, 327)
252	Structural clay products (325)
253-260	not used
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329)
263-269	not used
270-301	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3361)
273-279	not used

280	Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357,
281	336, 3369, 339) Cutlery, handtools, and other hardware (342)
282	Fabricated structural metal products (344)
283-289	not used
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
293-299	not used
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
302-309	not used
310-332	Machinery, except electrical
310-332	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)
320 321	Office and a second in a contract (257)
	Office and accounting machines (357, except 3573) Electronic computing equipment (3573)
322 323-330	Electronic computing equipment (3573) not used
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
333-339	not used
340-350	
	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341	Radio, T.V. and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
343-349	not used
350 351 370	Not specified electrical machinery, equipment, and supplies
351-370	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352 353 350	Aircraft and parts (372)
353-359	not used
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
363-369	not used
370	Cycles and miscellaneous transportation equipment (375, 379)
371-382	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
373-379	not used
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment
383-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries ¹
393-399	not used
400-472	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	Transportation
400	Railroads (40)

^{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."

401 402 403-409 410 411 412 413-419 420 421 422 423-431 432 433-439 440-442 440	Bus service and urban transit (41 except 412) Taxicab service (412) not used Trucking service (421, 423) Warehousing and storage (422) U.S. Postal Service (43) not used Water transportation (44) Air transportation (45) Pipe lines, except natural gas (46) not used Services incidental to transportation (47) not used Communications Radio and television broadcasting (483)
441 442	Telephone (wire and radio) (481) Telegraph and miscellaneous communication services (482, 489)
443-459 460-472	not used Utilities and sanitary services
460 461	Electric light and power (491) Gas and steam supply systems (492, 496)
462	Electric and gas, and other combinations (493)
463-469 470	not used Water supply and irrigation (494, 497)
471	Sanitary services (495)
472 473-499	Not specified utilities not used
500-571 500-532 500 501 502 503-509 510 511 512 513-520 521 522 523-529 530 531 532 533-539 540-571 540	WHOLESALE TRADE Durable Goods Motor vehicles and equipment (501) Furniture and home furnishings (502) Lumber and construction materials (503) not used Sporting goods, toys, and hobby goods (504) Metals and minerals, except petroleum (505) Electrical goods (506) not used Hardware, plumbing and heating supplies (507) Not specified electrical and hardware products not used Machinery, equipment, and supplies (508) Scrap and waste materials (5093) Miscellaneous wholesale, durable goods (5094, 5099) not used Nondurable Goods Paper and paper products (511)
541 542 543-549 550	Drugs, chemicals, and allied products (512, 516) Apparel, fabrics, and notions (513) not used Groceries and related products (514)
551 552 553-559 560 561	Farm products - raw materials (515) Petroleum products (517) not used Alcoholic beverages (518) Farm supplies (5191)
562 563-570	Miscellaneous wholesale, nondurable goods (5194, 5198, 5199) not used

580-691 RETAIL TRADE 580 Lumber and building material retailing (521, 523)	
Lumber and building material retailing (521, 523)	
/ MA #\	
581 hardware stores (525)	
582 retail nurseries and garden stores (526)	
583-589 not used	
Mobile home dealers (527)	
591 Department stores (531)	
592 Variety stores (533) 593-599 not used	
593-599 not used 600 Miscellaneous general merchandise stores (539)	
601 Grocery stores (541)	
Dairy products stores (545)	
603-609 not used	
610 Retail bakeries (546)	
Food stores, n.e.c. (542, 543, 544, 549)	
611 Food stores, in.e.c. (342, 343, 344, 347) 612 Motor vehicle dealers (551, 552) 613-619 not used	77.4
(770)	
620 Auto and home supply stores (553) 621 Gasoline service stations (554)	
621 Gasoline service stations (554) 622 Miscellaneous vehicle dealers (555, 556, 557, 559)	
623-629 not used	
Apparel and accessory stores, except shoe (56, except 566)	
Shoe stores (566)	
Furniture and home furnishings stores (571)	
633-639 not used	
Household appliances, TV, and radio stores (572, 573)	
Eating and drinking places (58)	
642 Drug stores (591) 643-649 not used	
643-649 not used 650 Liquor stores (592)	
651 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 not used	
670 Vending machine operators (5962) 671 Direct selling establishments (5963)	
671 Direct selling establishments (5963) 672 Fuel and ice dealers (598)	
673-680 not used	
681 Retail florists (5992)	
682 Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)	
683-690 not used	
691 Not specified retail trade	
692-699 not used	
700-712 FINANCE, INSURANCE, AND REAL ESTATE	
700 Banking (60)	
701 Savings and loan associations (612)	
702 Credit agencies, n.e.c. (61, except 612)	
703-709 not used	<i>(7</i>)
710 Security, commodity brokerage, and investment companies (62,	0/)
711 Insurance (63, 64)	
Real estate: including real estate-insurance-law offices (65, 66)	

713-720	not used
721-760 721 722 723-729	BUSINESS AND REPAIR SERVICES Advertising (731) Services to dwellings and other buildings (734) not used
730 731 732 733-739	Commercial research, development, and testing labs (7391, 7397) Personnel supply services (736) Business management and consulting services (7392) not used
740 741 742 743-749	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
750 751 752 753-759	Automotive services, except repair (751, 752, 754) Automotive repair shops (753) Electrical repair shops (762, 7694) not used
760	Miscellaneous repair services (763, 764, 7692, 7699)
761-791 761 762 763-769	PERSONAL SERVICES Private households (88) Hotels and motels (701) not used
770 771 772 773-779 780	Lodging places, except hotels and motels (702, 703, 704) Laundry, cleaning, and garment services (721) Beauty shops (723) not used Barber shops (724)
781 782 783-789 790	Funeral service and crematories (726) Shoe repair shops (725) not used Dressmaking shops (part 729)
791 792-799	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	PROFESSIONAL AND RELATED SERVICES Offices of physicians (801, 803) not used Offices of dentists (802)
821 822 823-829 830	Offices of chiropractors (8041) Offices of optometrists (8042) not used Offices of health practitioners, n.e.c. (8049)
831 832 833-839	Hospitals (806) Nursing and personal care facilities (805) not used
840 841 842 843-849	Health services, n.e.c. (807, 808, 809) Legal services (81) Elementary and secondary schools (821) 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)
893-899	
0/3 0//	not used
900-932	PUBLIC ADMINISTRATION
900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
902-909	not used
910	Justice, public order, and safety (92)
911-920	not used
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)
923-929	not used
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)
932	National security and international affairs (97)
933-990	not used
991	Assigned to persons whose labor force status is unemployed and whose last job was
	Armed forces.

Detailed Industry Recodes (01-51)

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 Stone clay, glass, and concrete product Primary metals Fabricated metal Not specified metal industries Machinery, except electrical Electrical machinery, equipment, and supplies Motor vehicles and equipment Aircraft and parts Other transportation equipment	05 06 07 08 09 10 11 12 13 14 15	230-241 242 250-262 270-280 281-300 301 310-332 340-350 351 352 360-370	¹⁸ [Ja]
Professional and photographic equipment, and watches Toys, amusements, and sporting goods Miscellaneous and not specified manufacturing industries	16 17 18	371-382 390 391-392	
Manufacturing (Nondurable Goods) Food and kindred products Tobacco manufactures Textile mill products Apparel and other finished textile products Paper and allied products Printing, publishing and allied industries Chemicals and allied products Petroleum and coal products	19 20 21 22 23 24 25	100-122 130 132-150 151-152 160-162 171-172 180-192	
Rubber and miscellaneous plastics products Leather and leather products	27 28	210-212 220-222	
Transportation Communications Utilities and Sanitary Services Wholesale Trade Retail Trade Banking and Other Finance Insurance and Real Estate	29 30 31 32 33 34 35	400-432 440-442 460-472 500-571 580-691 700-710 711-712	
Private Household Services Business Services	36 37	761 721-742	
Repair Services Personal Services, Except Private Household Entertainment and Recreation Services	38 39 40	750-760 762-791 800-802	

Detailed Industry	Recode	Industry Code
Hospitals	41	831
Health Services, Except Hospitals	42	812-830
		832-840
Educational Services	43	842-860
Social Services	44	861-871
Other Professional Services	45	841,872-892
Forestry and Fisheries	46	030-031
Justice, Public Order and Safety	300mm	910 922
Administration of Human Resource Programs	48	922
National Security and Internal Affairs	49	932
Other Public Administration	50	900,901,921,930,931
Armed Forces	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 12

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.)

	and the second of the second o
Code	Occupations
000-002	not used
003-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
003-037	Executive, Administrative, and Managerial Occupations
	Legislators (111)
003	Clifford district and an arelandisistrators public administration (112)
004	Chief executives and general administrators, public administration (112)
005	Administrators and officials, public administration (1132-1139)
006	Administrators, protective services (1131)
007	Financial managers (122)
008	Personnel and labor relations managers (123)
009	Purchasing managers (124)
010-012	not used
013	Managers, marketing, advertising, and public relations (125)
014	Administrators, education and related fields (128)
015	Managers, medicine and health (131)
016	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
030-032	Purchasing agents and buyers, n.e.c. (1449)
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)
	Mining (1624)
046	
047	Petroleum (1625)
048	Chemical (1626)
049	Nuclear (1627)
050-052	not used

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

Code	Occupations
120-122	not used
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
130-132	not used
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
140-142	met 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)
	Social scientists, n.e.c. (1913, 1914, 1919)
169	not used
170-172	Urban planners (192)
173	Social, Recreation, and Religious Workers
174-177	
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042) Religious workers, n.e.c. (2049)
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)

Code	Occupations
184 185 186 187 188 189 190-192 193 194 195 196 197 198 199 200-202	Technical writers (398) Designers (322) Musicians and composers (323) Actors and directors (324) Painters, sculptors, craft-artists, and artists print-makers (325) Photographers (326) not used Dancers (327) Artists, performers, and related workers, n.e.c. (328, 329) Editors and reporters (331) not used Public relations specialists (332) Announcers (333) Athletes (34) not used
203-389 203-235 203-208 203 204 205 206 207 208 209-212 213-235 213-218 213 214 215 216 217 218 219-222 223-225 223 224 225 226-235 226 227 228 229 230-232 233	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS Technicians and Related Support Occupations Health Technologists and Technicians Clinical laboratory technologists and technicians (362) Dental hygienists (363) Health record technologists and technicians (364) Radiologic technicians (365) Licensed practical nurses (366) Health technologists and technicians, n.e.c. (369) not used Technologists and Technicians, Except Health Engineering and Related Technologists and Technicians Electrical and electronic technicians (3711) Industrial engineering technicians (3712) Mechanical engineering technicians (3713) Engineering technicians, n.e.c. (3719) Drafting occupations (372) Surveying and mapping technicians (373) not used Science Technicians Biological technicians (382) Chemical technicians (3831) Science technicians n.e.c. (3832, 3833, 384, 389) Technicians; Except Health, Engineering, and Science Airplane pilots and navigators (825) Air traffic controllers (392) Broadcast equipment operators (393) Computer programmers, numerical control (3974) Legal assistants (396)
234 235 236-242 243-285 243 244-252 253-257 253 254 255	Technicians, n.e.c. (399) not used Sales Occupations Supervisors and proprietors, sales occupations (40) not used Sales Representatives, Finance and Business Services Insurance sales occupations (4122) Real estate sales occupations (4123) Securities and financial services sales occupations (4124)

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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)
	Duplicating, Mail and Other Machine Operators
345-347	Duplicating machine operators (4722)
345	Mail properties and paper handling machine operators (4723)
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. (4739)
354-357	Mail and Message Distributing Occupations
354	Postal clerks, exc. mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, exc. postal service (4744)
357	Messengers (4745)
358	not used
359-374	Material Recording, Scheduling, and Distributing Clerks, n.e.c.
359	Dispatchers (4751)
360-362	not used
363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
	not used
367	Weighers, measurers, and checkers (4756)
368	
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 (4700)
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
402.460	SERVICE OCCUPATIONS
403-469	Private Household Occupations
403-407	Litivate Honzelloid Occupations

Code	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 Police and detectives, public service (5132)
418	Sheriffs, bailiffs, and other law enforcement officers (5134)
423 424	Correctional institution officers (5133)
425-427	Guards
425-427	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 Waiters'/waitresses' assistants (5218)
443 444	Miscellaneous food preparation occupations (5219)
445-447	Health Service Occupations
445	Dental assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
448-455	Cleaning and Building Service Occupations, except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
450-452	not used
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)
456-469	Personal Service Occupations
456 457	Supervisors, personal service occupations (5251)
457 458	Barbers (5252) Hairdressers and cosmetologists (5253)
458 459	Attendants, amusement and recreation facilities (5254)
460-462	not used
463	Guides (5255)
464	Ushers (5256)
465	Public transportation attendants (5257)
466	Baggage porters and bellhops (5262)
467	Welfare service aides (5263)
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Code	Occupations
468	Child care workers, except private household (5264)
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
470 400	FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-499	FARMING, FORESTRI, AND FISHING OCCUPATIONS
473-476	Farm Operators and Managers Farmers, except horticulture (5512, 5514)
473	Horticultural specialty farmers (5515)
474	3.5 C 4.1 - w4:141 (5500 5504)
475 476	Managers, farms, except norticultural (3522-3524) Managers, horticultural specialty farms (5525)
476	Other Agricultural and Related Occupations
477-489 477-484	Farm Occupations, Except Managerial
477-404 477	Supervisors, farm workers (5611)
477 478	not used
478 479	Farm workers (5612-5617)
480-482	not used
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
485-489	Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)
490-493	not used
494-496	Forestry and Logging Occupations
494	Supervisors, forestry and logging workers (571)
495	Forestry workers, except logging (572)
496	Timber cutting and logging occupations (573, 579)
497-499	Fishers, Hunters, and Trappers
497	Captains and other officers, fishing vessels (pt 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used
503-699	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-549	Mechanics and Repairers
503	Supervisors, Mechanics and Repairers (60)
504	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505	Automobile mechanics (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine mechanics (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used Automobile body and related repairers (6115)
514 515	Aircraft mechanics, exc. engine (6116)
515 516	Heavy equipment mechanics (6117)
516 517	Farm equipment mechanics (6118)
517 518	Industrial machinery repairers (613)
518 519	Machinery maintenance occupations (614)
519 520-522	not used
520-522 523-533	Electrical and Electronic Equipment Repairers
523-535 523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
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Code	Occupations
524	not used
525	Data processing equipment repairers (6154)
526	Household appliance and power tool repairers (6156)
527	Telephone line installers and repairers (6157)
528	not used
529	Telephone installers and repairers (6158)
530-532	not used
533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534	Heating, air conditioning, and refrigeration mechanics (616)
535-549	Miscellaneous Mechanics and Repairers
535	Camera, watch, and musical instrument repairers (6171, 6172)
536	Locksmiths and safe repairers (6173)
537	not used
538	Office machine repairers (6174)
539	Mechanical controls and valve repairers (6175)
540-542	not used (6176)
543	Elevator installers and repairers (6176) Millwrights (6178)
544	mmmights (oxro)
545-546	not used
547	Specified mechanics and repairers, n.e.c. (6177, 6179)
548	not used
549	Not specified mechanics and repairers
550-552	not used
553-599	Construction Trades
553-558	Supervisors, Construction Occupations
553	Supervisors; brickmasons, stonemasons, and tile setters (6312)
554	Supervisors, carpenters and related workers (6313) Supervisors, electricians and power transmission installers (6314)
555	Supervisors, electricians and power transmission instances (6315)
556	Supervisors; painters, paperhangers, and plasterers (6315)
557 550	Supervisors: plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, n.e.c. (6311, 6318)
559-562	not used Construction Trades, Except Supervisors
563-599	Brickmasons and stonemasons (pt 6412, pt 6413)
563	Brickmason and stonemason apprentices (pt 6412, pt 6413)
564 565	Tile setters, hard and soft (6414, pt 6462)
565	Carpet installers (pt 6462)
566	Carpet installers (pt 6402) Carpenters (pt 6422)
567	not used
568 560	Carpenter apprentices (pt 6422)
569 570-572	not used
573	Drywall installers (6424)
574	not used
575 575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
580-582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
509	CIMALE (V. V. V.

Code	Occupations
	., v. ,
590-592	not used
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)
600-612	not used
613-617	Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)
618-632	not used
	Precision Production Occupations
633-699	Supervisors, production occupations (67, 71)
633	Precision Metal Working Occupations
634-655	Tool and die makers (pt 6811)
634	Tool and die maker apprentices (pt 6811)
635	Precision assemblers, metal (6812)
636	Machinists (pt 6813)
637	not used
638	Machinist apprentices (pt 6813)
639	not used
640-642	Boilermakers (6814)
643	Precision grinders, filers, and tool sharpeners (6816)
644	Patternmakers and model makers, metal (6817)
645	Lay-out workers (6821)
646	Precious stones and metals workers (jewelers) (6822, 6866)
647	not used
648	Engravers, metal (6823)
649	not used
650-652 653	Sheet metal workers (pt 6824)
	Sheet metal worker apprentices (pt 6824)
654 655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
	Patternmakers and model makers, wood (6831)
656 657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used
666-674	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)
667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-672	not used
	Apparel and fabric patternmakers (6856)
673	Miscellaneous precision apparel and fabric workers (6859, pt 7752)
674 675 684	Precision workers, assorted materials
675-684	Hand molders and shapers, except jewelers (6861)
675	Patternmakers, lay-out workers, and cutters (6862)
676	Optical goods workers (6864, pt 7477, pt 7677)
677	Dental laboratory and medical appliance technicians (6865)
678	Dental laboratory and incurcar appliance reclinicians (6965)

Code	Occupations
679	Bookbinders (6844)
680-682	not used
683	Electrical and electronic equipment assemblers (6867)
684	Miscellaneous precision workers, n.e.c. (6869)
685	not used
686-688	Precision Food Production Occupations
686	Butchers and meat cutters (6871)
687	Bakers (6872)
688	Food batchmakers (6873, 6879)
689-693	Precision Inspectors, Testers, and Related Workers
689	Inspectors, testers, and graders (6881, 828)
690-692	not used
693	Adjusters and calibrators (6882)
694-699	Plant and System Operators
694	Water and sewage treatment plant operators (691)
695	Power plant operators (pt 693)
696	Stationary engineers (pt 693, 7668)
697-698	not used
699	Miscellaneous plant and system operators (692, 694, 695, 696)
700-702	not used
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
703-779	Metal Working and Plastic Working Machine Operators
703-713 703	Lathe and turning machine set-up operators (7312)
703 704	Lathe and turning machine operators (7512)
704 705	Milling and planing machine operators (7313, 7513)
705 706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
700 707	Rolling machine operators (7316, 7516)
	Drilling and boring machine operators (7318, 7518)
708	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
709	not used
710-712	Forging machine operators (7319, 7519)
713	Numerical control machine operators (7326)
714 715	Miscellaneous metal, plastic, stone, and glass working machine operators
715	
716	(7329, 7529)
716	not used Fabricating machine operators, n.e.c. (7339, 7539)
717	
718 710 725	not used Metal and plastic processing machine operators
719-725	Molding and casting machine operators (7315,7342, 7515, 7542)
719	not used
720-722	Metal plating machine operators (7343, 7543)
723 724	Heat treating equipment operators (7344, 7544)
724 725	Miscellaneous metal and plastic processing machine operators (7349, 7549)
725	
726-733	Woodworking Machine Operators Wood lathe, routing, and planing machine operators (7431, 7432, 7631,7632)
726 727	Sawing machine operators (7433, 7633)
727	Shaving and joining machine operators (7435, 7635)
728	Shaping and joining machine operators (7435, 7635)
729	Nailing and tacking machine operators (7636)
730-732	not used
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
734-737	Printing Machine Operators
734	Printing machine operators (7443, 7643)
735	Photoengravers and lithographers (6842, 7444, 7644)

Code	Occupations
736	Typesetters and compositors (6841, 7642)
737	Miscellaneous printing machine operators (6849, 7449, 7649)
738-749	Textile, Apparel and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	not used
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657) Laundering and dry cleaning machine operators (6855, 7658)
748	Miscellaneous textile machine operators (7459, 7659)
749 750 753	not used
750-752	Machine Operators, Assorted Materials
753-779	Cementing and gluing machine operators (7661)
753 754	Packaging and filling machine operators (7462, 7662)
754 755	Extruding and forming machine operators (7463, 7663)
756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators
757	(7476, 7666, 7676)
758	Compressing and compacting machine operators (7467, 7667)
759	Painting and paint spraying machine operators (7669)
760-762	not used
763	Roasting and baking machine operators, food (7472, 7672)
764	Washing, cleaning, and pickling machine operators (7673)
765	Folding machine operators (7474, 7674)
766	Furnace, kiln, and oven operators, 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 Motion picture projectionists (pt 7479)
773	Motion picture projectionists (pt 7479) Photographic process machine operators (6863, 6868, 7671)
774 775 776	
775-776 777	not used Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
777 778	not used
779 779	Machine operators, not specified
780-782	not used
783-795	Fabricators, Assemblers, and Hand Working Occupations
783	Welders and cutters (7332, 7532, 7714)
784	Solderers and brazers (7333, 7533, 7717)
785	Assemblers (772, 774)
786	Hand cutting and trimming occupations (7753)
787	Hand molding, casting, and forming occupations (7754, 7755)
788	not used
789	Hand painting, coating, and decorating occupations (7756)
790-792	not used
793	Hand engraving and printing occupations (7757)
794	Hand grinding and polishing occupations (7758)
795	Miscellaneous hand working occupations (7759)
796-799	Production Inspectors, Testers, Samplers, and Weighers
796 707	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783) Production samplers and weighers (784)
798 700	Graders and sorters, exc. agricultural (785)
799	Oracio and sorrers, exe. agricultura (100)

Code	Occupations
	grit - Serv il
800-802	not used
803-859	Transportation and Material Moving Occupations
803-814	Motor Vehicle Operators
803	Supervisors, motor vehicle operators (8111)
804	Truck drivers, heavy (8212, 8213)
805	Truck drivers, light (8214)
806	Driver-sales workers (8218)
807	not used
808	Bus drivers (8215)
809	Taxicab drivers and chauffeurs (8216)
810-812	not used
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)
815-822	not used
823-834	Transportation Occupations, Except Motor Vehicles
823-826	Rail Transportation Occupations
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
827	not used
828-834	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
830-832	not used
833	Marine engineers (8244) Bridge, lock, and lighthouse tenders (8245)
834	
835-842	not used Motorial Moving Equipment Operators
843-859	Material Moving Equipment Operators Supervisors, material moving equipment operators (812)
843	Operating engineers (8312)
844 845	Longshore equipment operators (8313)
846-847	not used
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
850-852	not used
853	Excavating and loading machine operators (8316)
854	not used
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
857-858	not used
859	Miscellaneous material moving equipment operators (8319)
860-862	not used
863-889	Handlers, Equipment Cleaners, Helpers, and Laborers
863	Supervisors, handlers, equipment cleaners, and laborers,
	n.e.c. (85)
864	Helpers, mechanics and repairers (863)
865-867	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
868	not used
869	Construction laborers (871)
870-872	not used
873	Production helpers (861, 862)
874	not used

Code	Occupations
	j∰ ki√ a
875-883	Freight, Stock, and Material Handlers
875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)
878	Machine feeders and offbearers (8725)
879-882	not used
883	Freight, stock, and material handlers, n.e.c. (8726)
884	not used
885	Garage and service station related occupations (873)
886	not used
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
890-904	not used
905	Assigned to persons whose 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	01	003-006
Other Executive, Administrators, and Managers	02	007-019
Management Related Occupations	03	023-037
Wallagement Related Occupations	• •	
Engineers	04	044-059
Mathematical and Computer Scientists	05	064-068
Natural Scientists	06	069-083
Health Diagnosing Occupations	07	084-089
Health Assessment and Treating Occupations	08	095-106
Teachers, College and University	09	113-154
Teachers, Except College and University	10	155-159
Lawyers and Judges	11	178-179
Other Professional Specialty Occupations		TET THE 043-063
Other Professional Specialty Occupations		163-177,
		183-199
II14h Tasha elegists and Technicians	13	203-208
Health Technologists and Technicians	14	213-225
Engineering and Science Technicians	1.	
Technicians, Except Health	15	226-235
Engineering, and Science	13	
Consider and Depositors		
Supervisors and Proprietors,	16	243
Sales Occupations	. 10	2.5
Sales Representatives, Finance,	17	253-257
and Business Service		200 201
Sales Representatives, Commodities,	18	258-259
Except Retail	10	200 201
Sales Workers, Retail and	19	263-278
Personal Services	20	283-285
Sales Related Occupations	20	203 203
A. I. Makasakhan Carponert	21	303-307
Supervisors - Administrative Support	22	308-309
Computer Equipment Operators	23	313-315
Secretaries, Stenographers, and Typists	23	337-344
Financial Records, Processing Occupations	25	354-357
Mail and Message Distributing	23	334-337
Other Administrative Support Occupations,	26	316-336,
Including Clerical	20	345-353,
		359,389
		339,307
- A	27	403-407
Private Household Service Occupations		413-427
Protective Service Occupations	28	433-444
Food Service Occupations	29	445-447
Health Service Occupations	30	448-455
Cleaning and Building Service Occupations	31	456-469
Personal Service Occupations	32	430-407

Detailed Occupation	Recode	Occupation Code
Mechanics and Repairers	33	503-549
Construction Trades	34	553-599
Other Precision Production Occupations	35	613-699
Machine Operators and Tenders,		
Except Precision	36	703-779
Fabricators, Assemblers, Inspectors,		
and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations		
and Material Moving	39	823-859
Construction Laborer	40	869
Freight, Stock and Material Handlers	41	875-883
Other Handlers, Equipment Cleaners,		
and Laborers	42	863-867
and Educators		873, 885-889
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Farm Operators and Managers	43	473-476
Farm Workers and Related Occupations	44	477-489
Forestry and Fishing Occupations	45	494-499
1 oromy and 1 minig occupations		
Armed Forces, Currently Civilian	46	905

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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	ons 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.

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

N/C = No Code Required

NOTES:

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

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

CMSA/ MSA RANK	FIPS MSA/ PMSA	
CODE	CODE	CMSA/MSA TITLE
001		New York-New Jersey-Long Island, NY-NJ CMSA
002		Los Angeles-Anaheim-Riverside, CA CMSA
003		Chicago-Gary-Lake County, IL-IN-WI CMSA (Wisconsin portion not in
005		sample)
004		Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA (Maryland portion suppressed)
005		San Francisco-Oakland-San José, CA CMSA
006		Detroit-Ann Arbor, MI CMSA
007		Boston-Laurence-Salem, MA-NH CMSA
000		Houston-Galveston-Brazoria, TX CMSA
009	8040	Washington, DC-VA-MSA
010		Dallas-Fort Worth, TX CMSA
011		Cleveland-Akron-Lorain, OH CMSA
012		Miami-Fort Lauderdale, FL CMSA
013		Pittsburgh-Deaver Valley, PA CMSA
014		St. Louis, MO-IL CMSA
015	0520	Atlanta, GA MSA
016	0720	Baltimore, MD MSA
017	5120	Minneapolis-St. Paul, MN-WI MSA (Wisconsin portion not identified)
018	2120	Seattle-Tacoma, WA CMSA
019	7320	San Diego, CA MSA
020	0280	Tampa-St. Petersburg-Clearwater, FL MSA
021	0 2 00	Denver-Boulder, CO CMSA
022		Cincinnati-Hamilton, OH-KY-IN CMSA (Indiana portion not
OLL		identified)
023	6200	Phoenix, AZ MSA
024	0200	Milwaukee-Racine, WI CMSA
025	3760	Kansas City, MO-KS MSA
026	2700	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	3720	Buffalo-Niagara Falls, NY CMSA
031	6920	Sacramento, CA MSA
032	3480	Indianapolis, IN MSA
033	7240	San Antonio, TX MSA
034	7240	Providence-Pawtucket-Fall River, RI-MA CMSA
035	1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
036	1520	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/	FIPS	
MSA RANK	MSA/ PMSA	
CODE	CODE	CMSA/MSA TITLE
CODE	CODE	<u>CMOA/MON TITLE</u>
046	0160	Albany-Schenectady-Troy NY MSA
047	3320	Honolulu, HI MSA
048	59 60	Orlando, FL MSA
049	6760	Richmond-Petersburg, VA MSA (Dinwiddie and Prince George counties and Colonial Heights, Hopewell, and Petersburg cities not in
		sample)
050	3600	Jacksonville, FL MSA
051	7560	Scranton-Wilkes Barre, PA MSA (Monroe county not in sample)
052	0560	Tulsa, OK MSA
053	8960	West Palm Beach-Boca Raton-Delray Beach, FL MSA
054	8160	Syracuse, NY MSA
055	0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
056	0640	Austin, TX MSA
057	3000	Grand Rapids, MI MSA
058	8400	Toledo, OH MSA
059	5920	Omaha, NE-IA MSA (Iowa portion not identified)
060	6640	Raleigh-Durham, NC MSA
061	3160	Greenville-Spartanburg. SC MSA
062	3840	Knoxville, TN MSA
063	8520	Tucson, AZ MSA
064	3240	Harrisonburg-Lebanon-Carlisle, PA MSA (Lebanon county not in
065	2840	sample) Fresno, CA MSA
066	0760	Baton Rouge, LA MSA
067	9320	Youngstown-Warren, OH MSA
068	4120	Las Vegas, NV MSA
069	8000	Springfield, MA MSA
070	2320	El Paso, TX MSA
071	5480	New Haven-Meriden, CT MSA
072	4400	Little Rock-North Little Rock, AR MSA
073	1440	Charleston, SC MSA
074	5160	Mobile, AL MSA (Baldwin county not in sample)
075	0680	Bakersfield, CA MSA
076	3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not
		identified)
077	2640	Flint, MI MSA
078	0200	Albuquerque, NM MSA
079	9040	Wichita, KS MSA
080	1760	Columbia, SC MSA
081	1560	Chattanooga, TN-GA MSA (Marion and Sequatchie counties Tennessee not in sample)
082	6960	Saginaw-Bay City-Midland, MI MSA
083	4040	Lansing-East Lansing, MI MSA
084	9240	Worcester, MA MSA
085	1320	Canton, OH MSA
086	0840	Beaumont-Port Arthur, TX MSA
087	9280	York, PA MSA
088	1960	Davenport-Rock Island-Moline, IA-IL MSA
089	8120	Stockton, CA MSA
090	2120	Des Moines, IA MSA (Dallas county not in sample)
090	4000	Lancaster, PA MSA
091	3560	Jackson, MS MSA
		Peoria, IL MSA
093	6120	Augusta, GA-SC, MSA
094	0600	
095	1880	Corpus Christi, TX MSA

CMSA/ MSA RANK	PMSA	CNCA (NCA TITLE
<u>CODE</u>	<u>CODE</u>	CMSA/MSA TITLE
096	76 80	Shreveport, LA MSA
097	27 60	Fort Wayne, IN MSA
098	7840	Spokane, WA MSA
099	3980	Lakeland-Winter Haven, FL MSA
100	1720	Colorado Springs, CO MSA
101	3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
102	4720	Madison, WI MSA
103	4880	McAllen-Edinburg-Mission, TX MSA
104	4200	Lexington-Fayette, KY MSA
105	8680	Utica-Rome, NY MSA
106	7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
107	6680	Reading, PA MSA
108	6080	Pensacola, FL MBA
109	7120	Salinas-Seaside-Monterey, CA MSA
110	4900	Melbourne-Titusville-Palm Bay, FL MSA
111	0 460	Appleton-Oshkosh-Neenah, WI MSA
112	2020	Daytona Beach, FL MSA
113	5170	Modesto, CA MSA
115	5240	Montgomery, AL MSA
116	2360	Erie, PA MSA
117	6880	Rockford, IL MSA
118	2440	Evansville, IN-KY MSA (Kentucky portion not identified)
119	4600	Macon-Warner Robins, GA MSA
120	1400	Charleston, WV MSA
121	2400	Eugene-Springfield, OR MSA
122	0960	Binghamton, NY MSA
123	8700	Visalia-Tulare-Porterville, CA MSA
124	3680	Johnstown, PA MSA
125	2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
126	5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
127	7000	Salem, OR MSA
128	6460	Poughkeepsie, NY MSA
129	2560	Fayetteville, NC MSA
130	1800	Columbus, GA-AL MSA (Alabama portion not in sample)
131	2700	Fort Myers, FL MSA
132	7000	South Bend-Mishawaka, IN MSA
133	6520	Provo-Orem, UT MSA (Central City portion only identified)
134	1240	Brownsville-Harlingen, TX MSA
135	7520 7510	Savannah, GA MSA
136	7510	Sarasota, FL MSA
137	6000	Roanoke, VA MSA
138	4600	Lubbock, TX MSA
139	3080	Lafayette, LA MSA
140 141	3810 7920	Killeen-Temple, TX MSA
141	3720	Springfield, MO MSA Kalamazoo, MI MSA
142	0300	Anchorage, AK MSA
143 144	6720	Reno, NV MSA (Central City portion only identified)
144	3290	Hickory, NC MSA
	3290 3440	Huntsville, AL MSA
146 147	8000	Waterbury, CT MSA
	8000 8240	Tallahassee, FL MSA
148 149	6450	Portsmouth-Dover-Rochester, NH-ME MSA
147	0420	(Maine portion not entirely in sample and it is not identified)

CMSA/ MSA RANK	FIPS MSA/ PMSA	CMCA /MCA TITLE
<u>CODE</u>	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	1000	Boise City, ID MSA
157	2900	Gainesville, FL MSA
158	9000	Wheeling, WV-OH MSA (Ohio portion not identified)
161	8000	Waco, TX MSA
163	3 960	Lake Charles, LA MSA
164	1360	Cedar Rapids, IA MSA
165	5400	New Bedford, MA MSA
166	1400	Champaign-Urbana-Rantoul, IL MSA Fort Smith AR OV MSA (Oklahoma partian not in cample)
169 170	2720 1140	Fort Smith, AR-OK MSA (Oklahoma portion not in sample) Bradenton, FL MBA
170 171	0480	"Asheville, NC MSA
171	0870	Benton Harbor, MI MSA
172	8920	Waterloo-Cedar Falls, IA MSA
174	2670	Fort Collins-Loveland, CO MBA
178	8440	Topeka, KS MSA (Central City portion only identified)
179	1620	Chico, CA MSA
180	5320	Muskegon, MI MSA
181	4320	Lima, OH MSA
184	5790	Ocala, FL MSA
185	3520	Jackson, MS MSA
186	5200	Monroe, LA MSA
192	8600	Tuscaloosa, AL MSA
193	0780	Battle Creek, MI MSA
194	0405	Anderson, SC MSA
197	5910	Olympia, WA MSA
198	8320	Terre Haute, IN MSA
199	2650	Florence, AL MSA
201	0280	Altoona, PA MSA
202	0400	Anderson, IN MSA
203 204	4760 4890	Manchester, NH MSA
204	3710	Medford, OR MBA Joplin, MO MSA
209	4800	Mansfield, OH MSA
211	7610	Sharon, PA MSA
216	6560	Pueblo, CO MSA
219	4200	Lawton, OK MSA
221	1040	Bloomington-Normal, IL MSA
222	2750	Fort Walton Beach, FL MSA
224	1305	Burlington, VT MSA
225	9140	Williamsport, PA MSA
226	7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231	7760	Sioux Falls, SD MSA
233	2655	Florence, SC MSA
240	0860	Bellingham, WA MSA
242	9340	Yuba City, CA MSA
246	1740	Colombia, MO MSA
247	2880	Gadsden, AL MSA
248	2580	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,

001 01 5600 New York, NY 02 5380 Massau-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 02 01 4480 Los Angeles-Long Beach, CA 03 6700 Anaheim-Santa Ana, CA 04 600 Oxarad-Ventura, CA 03 6700 Riverside-San Bernardino, CA 04 4600 Oxarad-Ventura, CA 03 3965 Lake County, IL 04 3690 Autora-Elgin, IL 04 3690 Autora-Elgin, IL 04 90 Autora-El	CMSA RANK <u>CODE</u>	PMSA RANK <u>CODE</u>	FIPS MSA PMSA <u>CODE</u>	PMSA TITLE
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 02 01 4480 Los Angeles-Long Beach, CA 03 6700 Riverside-San Bernardino, CA 03 6700 Riverside-San Bernardino, CA 03 6700 Gary-Hammond, IN 03 3965 Lake County, IL 04 3690 Joliet, IL 04 3690 Joliet, IL 05 0620 Aurora-Elgin, IL 04 01 6160 Philadelphia, PA-NJ 02 9160 Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.) 05 07 5775 Oakland, CA 07 07 07 2160 Detroit, MJ 08 07 07 2160 Detroit, MJ 09 09 Oakland, CA 00 01 2160 Detroit, MJ 01 02 0440 Ann Arbor, MS 007 01 1120 Boston, MA 08 01 3360 Houston, TX 008 01 3360 Houston, TX 008 01 3360 Houston, TX 008 01 3360 Houston, TX 009 Galveston-Texas City, TX	001	01	5600	New York, NY
04		02	5380	Nassau-Suffolk, NY
05 5015 Middlesex-Somerset-Hunterdon, 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 12 5760 Norwalk, CT 12 5760 Norwalk, CT 13 1480 Los Angeles-Long Beach, CA 03 6700 Riverside-San Bernardino, CA 03 6700 Riverside-San Bernardino, CA 04 6000 Oxnard-Ventura, CA 07 Oxnard-Ventura, CA 08 Oxnard-Ventura, CA 08 Oxnard-Ventura, CA 09 Joliet, IL 08 Oxnard-Ventura, CA 09 Joliet, IL 09 Oxnard-Ventura, CA 09 Joliet, IL 09 Oxnard-Ventura, CA Oxnard-Vent		03	5640	Newark, 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 12 5760 Norwalk, CT 12 5760 Norwalk, CT 002 01 4480 Los Angeles-Long Beach, CA 03 6700 Riverside-San Bernardino, CA 03 6700 Oxnard-Ventura, CA 04 6000 Oxnard-Ventura, CA 05 0620 Gary-Hammond, IN 05 0620 Aurora-Elgin, IL 05 0620 Aurora-Elgin, IL 05 0620 Aurora-Elgin, IL 05 0620 Aurora-Elgin, IL 05 0620 Aurora-Elgin, DI 02 9160 Wilmington, DE-NJ-MD (New Jersey portion not identified, Maryland portion suppressed.) 05 07 5775 Oakland, CA 07 37400 San Jose, CA 08 37400 San Jose, CA 08 37400 San Jose, CA 09 Vallejo-Fairfield-Napa, CA 05 7500 Santa Rosa-Petaluma, CA 06 7485 Santa Cruz, CA 07 07 07 07 07 07 07 0		04	0875	Bergen-Passaic, NJ
07		05	5015	Middlesex-Somerset-Hunterdon, 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 03 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-NI-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		06	5190	
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		FIPS	
CMSA	PMSA	MSA	
RANK	RANK	PMSA	
CODE	CODE	CODE	PMSA TITLE
010	01	1920	Dallas, TX
	02	2800	Fort Worth-Arlington, TX
011	01	1680	Cleveland, OH
	02	0080	Akron, OH
	03	4440	Lorain-Elyria, OH
012	01	5000	Miami-Hialeah, FL
	02	2600	Fort Lauderdale-Hollywood-Pompano Beach, FL
013	01	6280	Pittsburgh, PA
	02	0845	Beaver County, PA
014	01	7040	St, Louis, MO-IL (Illinois portion not identified)
018	01	7600	Seattle, WA
	02	8200	Tacoma, WA
021	01	2080	Denver, CO
	02	1125	Boulder-Longmont, CO
022	01	1640	Cincinnati, OH-KY-IN (Indiana portion not identified)
	02	3200	Hamilton-Middletown, OH
024	01	5080	Milwaukee, WI
	02	6600	Racine, WI
026	01	6440	Portland, OR
	02	8725	Vancouver, WA
030	01	1200	Buffalo, NY
	02	5700	Niagara Falls, NY
034	01	6400	Providence, RI
	02	6060	Pawtuckett-Woonsocket-Attleboro, RI-MA
			(Rhode Island-Central City portion only identified)
036	01	3200	Hartford, CT
. 	02	5440	New Britain, CT
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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 2	Newark, NJ
002	01	1	Elizabeth, NJ Los Angeles; CA
		2 3	Long Beach, CA Pasadena, CA
	02	0 1	Others Anaheim, CA
	03	2 1	Santa Ana, CA Riverside, CA
003		0	Others Chicago, IL
	02	0	Others Gary, IN
005	01	0 1	Others Oakland, CA
		0	Others
006	01	1	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	Miami, FL
	02	0 1	Others Fort Lauderdale, FL
017	•	0 1	Others Minneapolis, MN
020	_	0 1	Others Tampa, FL
		0	Others
023	-	1 2	Phoenix, AZ Mesa, AZ
029	-	0 1	Others Norfolk, VA
		2 3	Virginia Beach, VA Newport News, VA
		4 0	Hampton, VA Others
045	-	1 0	Greensboro, NC Others
046	-	1 0	Albany, NY Others
060	-	1	Raleigh, NC
069	-	0 1 0	Others Springfield, MA Others

LIST 4: FIPS MSA/PMSA CODES (SMSAFIPS)

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK <u>CODE</u>	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
011	02	0800	Akron, OH, PMSA
046	~~	0160	Albany-Schenectady-Troy, NY MSA
078		0200	- Albuquerque, NM MSA
055		0240	Allentown-Bethlehem, PA-NJ MSA (New Jersey portion not identified)
201		0280	Altoona, PA MSA
002	02	0360	Anaheim-Santa Ana, CA PMSA
143		0380	Anchorage, AK MSA
202		0400	Anderson, IN MSA
194		0405	Anderson, SC MSA
006	02	0440.	Ann Arbor, MI PMSA
111	32	0460	Appleton-Oshkosh-Neenaht, WI MSA
171		0480	Asheville, NC MSA
015		0520	Atlanta, GA MSA
094		0600	Augusta, GA-SC MSA
003	05	0620	Aurora-Elgin, IL PMSA
056		0640	Austin, TX MSA
075		0680	Bakersfield, CA MSA
016		0720	Baltimore, MD MSA
066		0760	Baton Rouge, LA MSA
193		0780	Battle Creek, MI MSA
086		0840	Beaumont-Port Arthur, FL MSA
013	02	0845	Beaver County, PA PMSA
240	02	0860	Bellingham, WA MSA
172		0870	Benton Harbor, MI MSA
001	04	0875	Bergen-Passaic, NJ PMSA
152	•	0920	Biloxi-Gulfport, MS MSA
122		0960	Binghamton, NY MSA
043		1000	Birmingham, AL MSA
221		1040	Bloomington-Normal, IL MSA
156		1080	Boise City, ID MSA
007	01	1120	Boston, MA PMSR
021	02	1125	Boulder-Longmont, CO PMSA
170		1140	Bradenton, FL MSA
008	03	1145	Brazoria, TX PMSA
001	08	1160	Bridgeport-Milford, CT PMSA
007	05	1200	Brockton, MA PMSA
134		1240	Brownsville-Harlingen, TX MSA
030	01	1280	Buffalo, NY PMSA
224		1305	Burlington, VT MSA
085		1320	Canton, OH MSA
164		1360	Cedar Rapids, IA MSA
166		1400	Champaign-Urbana-Rantoul, IL MSA
073		1440	Charleston, SC MSA
120		1480	Charleston, WV MSA
035		1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
081		1560	Chattanooga, TN-A MSA (Marion and Sequatchie
			counties Tennessee not in sample)

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK CODE	FIPS MSA/ PMSA <u>CODE</u>	MSA/PMSA TITLE
003	01	1600	Chicago, IL PMSA
179	O1	1620	Chico, CA MSA
022	01	1640	Cincinnati, OH-KY-IN PMSA (Indiana portion not identified)
011	01	1680	Cleveland, ÓH PMSA
100		1720	Colorado Springs, CO MSA
246		1740	Colombia, MO MSA
080		1760	Columbia, SC MSA
130		1800	Columbus, GA-AL MSA (Alabama portion not in sample)
020	-	1840	Columbus, OH MSA
095		1880	Corpus Christi, TX MSA
010	01	1920	Dallas, TX PMSA
001	11	1930	Danbury, CT PMSR
088		1960	Davenport-Rock Island-Moline, IA-IL MSA
041		2000	Dayton-Springfield, OH MSA
112		2020	Daytona Beach, FL MSA
021	01	2080	Denver, CO PMSA
090		2120	Des Moines, IA MSA (Dallas county not in sample)
006	01	2160	Detroit, MI PMSA
125		2240	Duluth, MN-WI MSA (Wisconsin portion not identified)
070		2320	El Paso, TX MSA
116		2360	Erie, PA MSA
121 118		2400 2440	Eugene-Springfield, OR MSA Evansville, IN-KY MSA (Kentucky portion not identified)
129		2560	Fayetteville, NC MSA
248		2580	Fayetteville-Springdale, AR MSA
077		2640	Flint, MI MSA
199		2650	Florence, AL MSA
233		2655	Florence, SC MSA
174		2670	Fort Collins-Loveland, CO MSA
012	02	2680	Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA
131		2700	Fort Myers, FL MSA
169		2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
222		2750	Fort Walton Beach, FL MSA
097		2760	Fort Wayne, IN MSA
010	02	2800	Fort Worth-Arlington, TX PMSA
065		2840	Fresno, CA MSA
247		2880	Gadsden, AL MSA
157		2900	Gainesville, FL MSA
008	02	2920	Galveston-Texas City, TX PMSA
003	02	2960	Gary-Hammond, IN PMSA
057		3000	Grand Rapids, MI MSA
045		3120	Greenboro-Winston Salem-High Point, NC MSA
061	0.0	3160	Greenville-Spartanburg, SC MSA
022	02	3200	Hamilton-Middletown, OH PMSA
064		3240	Harrisburg-Lebanon-Carlisle, PA MSA (Lebanon county not in sample)
036	01	3280	Hartford, CT PMSA

CMSA/ MSA RANK <u>CODE</u>	PMSA RANK CODE	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
101		3400	Huntington-Ashland, WV-KY-OH MSA
			(Kentucky and Ohio portions not identified)
146		3440	Huntsville, AL MSA
032		3480	Indianapolis, IN MSA
185		3520	Jackson, MI MSA
092		3560	Jackson, MS MSA
050		3600	Jacksonville, FL MSA
001	07	3640	Jersey City, NJ PMSA
076		3660	Johnson City-Kingsport-Bristol, TN-VA MSA
40.4		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	(Virginia portion not identified) Johnstown, PA MSA
124	0.4	3680 3690	Joliet, IL PMSA
003	04	3710	Joplin, MO MSA
207 142		3710 3720	Kalamazoo, MI MSA
252		3740	Kankakee, IL MSA
025		3760	Kansas City, MO-KS MSA
140		3810	Killeen-Temple, TX MSA
062		3840	Knoxville, TN MSA
139		3880	Lafayette, LA MSA
163		3960	Lake Charles, LA MSA
003	03	3965	Lake County, IL PMSA
099		3980	Lakeland-Winter Haven, FL MSA
091		4000	Lancaster, PA MSA
083		4040	Lansing-East Lansing, MI MSA
060		4120	Las Vegas, NV MSA
007	02	4160	Lawrence-Haverill, MA-NH PMSA (New Hampshire
			portion not identified)
219		4200	Lawton, OK MSA
104		4280	Lexington-Fayette, KY MSA
181		4320	Lima, OH MSA
151		4360	Lincoln, NE MSA Little Rock-North Little Rock, AR MSA
072	02	4400	Lorain-Elyria, OH PMSA
011	03	4440 4480	Los Angeles-Long Beach, CA PMSA
002	01	4520	Louisville, KY-IN MSA
040	04	4520 4560	Lowell, MA-NH PMSA (New Hampshire portion not
007	04	4500	identified)
138		4600	Lubbock, TX MSA
119		4680	Macon-Warner Robins, GA MSA
102		4720	Madison, WI MSA
203		4760	Manchester, NH MSA
209		4800	Mansfield, OH MSA
103		4880	McAllen-Edinburg-Mission, TX MSA
204		4890	Medford, OR MSA
110		4900	Melbourne-Titusville-Palm Bay, FL MSA
042		4920	Memphis, TN-AR-MS MSA (Arkansas and
			Mississippi portions not identified)
012	01	5000	Miami-Hialeah, FL PMSA
001	05	5015	Middlesex-Somerset-Hunterdon, NJ PMSA

CMSA/ MSA RANK	PMSA RANK	FIPS MSA/ PMSA	
CODE	CODE	CODE	MSA/PMSA TITLE
024	01	5080	Milwaukee, WI PMSA
017		5120	Minneapolis-St, Paul, MN-WI MSA (Wisconsin portion not identified)
074		5160	Mobile, AL MSA (Baldwin county not in sample)
113		5170	Modesto, CA MSA
001	06	5190	Monmouth-Ocean, NJ PMSA
106	•	5200	Monroe, LA MSA
115		5240	Montgomery, AL MSA
100		5320	Muskegon, MI MSA
044	0.0	5360	Nashville, TN MSA
001	02	5380	Nassau-Suffolk, NY PMSA
165	00	5400	New Bedford, MA MSA
036	02	5440 5480	New Britain, CT PMSA New Haven-Meriden, CT MSA
071	and the second s	5480 5520	New London-Norwich, CT-RI MSA (Rhode Island
126		3320	portion suppressed)
027		5560	New Orleans, LA MSA
001	01	5600	New York, NY PMSA
001	03	5640	Newark, NJ PMSA
030	02	5700	Niagara Falls, NY PMSA
029	02	5720	Norfolk-Virginia Beach-Newport News, VA MSA
001	12	5760	Norwalk, CT PMSA
005	01	<i>5</i> 775	Oakland, CA PMSA
184	0.2	5790	Ocala, FL MSA
039		5880	Oklahoma City, OK MSA
197		5910	Olympia, WA MSA
059		5920	Omaha, NE-IA MSA (Iowa potion not identified)
001	09	5950	Orange County, NY PMSA
048		5960	Orlando, FL MSA
002	04	6000	Oxnard-Ventura, CA PMSA
034	02	6060	Pawtuckett-Woonsocket-Attleboro, RI-MA PMSA (Rhode Island Central City portion only identified)
100		6080	Pensacola, FL MSA
093		6120	Peoria, IL MSA
004	01	6160	Philadelphia, PA-NJ PMSA
023		6200	Phoenix, AZ MSA
013	01	6280	Pittsburgh, PA PMSA
150		6400	Portland, ME MSA
026	01	6440	Portland, OR PMSA
149		6450	Portsmouth-Dover-Rochester, NH-ME MSA (Maine portion not entirely in sample and it is not identified)
128		6460	Poughkeepsie, NY MSA
034	01	6480	Providence, RI PMSA
133		6520	Provo-Orem, UT MSA (Central City portion only identified)
216		6560	Pueblo, CO MSA
024	02	6600	Racine, WI PMSA
060		6640	Raleigh-Durham, NC MSA
107		6680	Reading, PA MSA
144		6720	Reno, NV MSA (Central City portion only identified)

CMSA/ MSA RANK CODE	PMSA RANK CODE	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	03	6780	Riverside-San Bernardino, CA PMSA
137		6800	Roanoke, VA MSA
038		6840	Rochester, NY MSA
117		6880	Rockford, IL MSA
031		6920	Sacramento, CA MSA
082		6960	Saginaw-Bay City-Midland, MI MSA
014	01	7040	St, Louis, FL PMSA (Illinois portion not identified)
127		7080	Salem, OR MSA
007	03	7090	Salem-Gloucester, MA PMSA
109		7120	Salinas-Seaside-Monterey, CA MSA
037	* ** 1,00	7160	Salt Lake City-Ogden, UT MSA
033		7240	San Antonio, TX MSA
019		7320	San Diego, CA MSA
005	02	7360	San Francisco, CA PMSA
005	03	7400	San Jose, CA PMSA
106	0.6	7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
005	06 05	7485 7500	Santa Cruz, CA PMSA Santa Rosa-Petaluma, CA PMSA
005	05	7500 7510	Sarasota, FL MSA
136		7520	Savannah, GA MSA
135		7560	Scranton-Wilkes Barre, PA MSA (Monroe county not
051		7500	in sample)
018	01	7600	Seattle, WA PMSA
211	O1	7610	Sharon, PA MSA
096		7680	Shreveport, LA MSA
226		7720	Sioux City, IA-NE MSA (Nebraska portion not in sample)
231		7760	Sioux Falls, SD MSA
132		7800	South Bend-Mishawaka, IN MSA
090		7840	Spokane, WA MSA
154		7880	Springfield, IL MSA
141		7920	Springfield, MO MSA
069		8000	Springfield, MA MSA
001	10	8040	Stamford, CT PMSA
089		8120	Stockton, CA MSA
054		8160	Syracuse, NY MSA
018	02	8200	Tacoma, WA PMSA
148		8240	Tallahassee, FL MSA
020		8280	Tampa-St, Petersburg-Clearwater, FL MSA
198		8320	Terre Haute, IN MSA
058		8400	Toledo, OH MSA
170		8440	Topeka, KS MSA (Central City portion only identified)
004	03	8480	Trenton, NJ PMSA
063		8520	Tucson, AZ MSA
052		8560	Tulsa, OK MSA
192		8600	Tuscaloosa, AL MSA
105		8680	Utica-Rome, NY MSA
005	04	8720	Vallejo-Fairfield-Napa, CA PMSA

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

Topcoding of Usual Hourly Earnings

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

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

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Source and Accuracy Statement for the May 1991 Microdata File on Multiple Job Holding and Work Schedules

SOURCE OF DATA

The data in this microdata file come from the May 1991 Current Population Survey (CPS). The Bureau of the Census conducts this survey every month, although this file has only May 1991 data. The May 1991 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 present CPS sample was selected from the 1980 decennial census files with coverage in all 50 States and the District of Columbia. The sample is continually updated to account for new residential construction. It is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions. About 60,000 occupied housing units are eligible for interview every month. Interviewers are unable to obtain interviews at about 2,600 of these units because the occupants were not found at home after repeated calls or were 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.

May 1991 Supplement. In addition to the basic CPS questions, interviewers asked supplementary questions in May 1991 about multiple jobholding and work schedules.

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 used for this microdata file were based on updates to controls established by the 1980 decennial census. The independent population estimates include some, but not all, undocumented immigrants. The May 1991 supplement estimation procedure controls the supplement data to basic CPS estimates of age, sex, and class of worker.

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 error: sampling and nonsampling. The accuracy of an estimate depends on both types of error, 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 pro-

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

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

Caution should also be used when comparing estimates obtained from 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) probably do 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.

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.

Standard Errors and Their Use. A number of approximations are required to derive, at a moderate cost, standard errors applicable to estimates from this microdata file. Instead of providing an individual standard error for each estimate, two parameters, a and b, are provided to calculate standard errors for each type of characteristic. These parameters are listed in the attached Table A.

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

and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

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

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. One common type of hypothesis is that the population parameters are different. An example of this would be comparing the hours worked per week by males with the hours worked per week by females.

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, for example, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

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

Standard Errors of Estimated Numbers. The approximate standard error, s_X, of an estimated number from this microdata file can be obtained using the formula

$$s_{x} = \sqrt{ax^{2} + bx} \tag{1}$$

Here x is the size of the estimate and a and b are the parameters in Table A associated with the particular type of characteristic. When calculating standard errors for numbers from cross-tabulations involving different characteristics, use the set of parameters for the characteristic which will give the largest standard error.

Illustration

In May 1991, there were 78,546,000 employees who worked 40 or more hours per week at their principal job. Using formula (1) with a = -0.0000160 and b = 2,485 from Table A, the approximate standard error of 78,546,000 is

$$s_{X} = \sqrt{-0.0000160x78,546,000^{2} + 2,485x78,546,000} = 311,000$$

So the 90-percent confidence interval for the number of employees who worked 40 or more hours at their principal job is from 78,034,000 to 79,058,000, i.e., $78,546,000 \pm 1.645(311,000)$. 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 A indicated by the numerator.

The approximate standard error, sx,p, of an estimated percentage can be obtained by using the formula

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 A associated with the characteristic in the numerator of the percentage.

Illustration

In May 1991, of the 5,733,000 employed Black males, 4,233,000 or 73.8 percent worked 40 hours or more per week. Using formula (2) with b = 2,150 from Table A, the standard error of 73.8 percent is approximately

$$s_{x,p} = \sqrt{\frac{2,150}{5,733,000}} 73.8x26.2 = 0.9$$

So the 90-percent confidence interval for the estimated percentage of Black males who worked 40 hours or more per week is from 72.3 percent to 75.3 percent, i.e., $73.8 \pm 1.645(0.9)$.

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

$$s_{x-y} = \sqrt{s_x^2 + s_y^2}$$
 (3)

where s_x and s_y are the standard errors of the estimates, x and y. The estimates can be numbers, percentages, ratios, etc. This will represent the actual standard error quite accurately for the difference between estimates 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 May 1991, of the 63,737,000 male workers, 48,830,000 or 76.6 percent worked 40 hours or more per week. Of the 53,308,000 female workers, 29,716,000 or 55.7 percent worked 40 hours or more per week. The apparent difference between the two groups is 20.9 percent. Using b = 2,150 from Table A in formula (2), the approximate standard error for males, s_x , on 76.6 percent is approximately 0.2 percent. Using b = 1,843 from Table A in formula (2), the approximate standard error for females, s_y , on 55.7 percent is approximately 0.3 percent. Using formula (3) with these standard errors, the approximate standard error of the difference, 20.9 percent, is

$$s_{x-y} = \sqrt{0.2^2 + 0.3^2} = 0.4$$

This means that the 90-percent confidence interval around the difference is from 20.2 percent to 21.6 percent, i.e., $20.9 \pm 1.645(0.4)$. Since this interval does not contain zero, we can conclude with 90-percent confidence that the proportion of males working 40 hours or more per week is greater that the proportion of females working 40 hours or more per week in May 1991.

Standard Error of a Median. The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (See the section Standard Errors and Their Use for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure.

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

Use the following formula to calculate the upper and lower limits.

$$X_{pN} = \frac{pN - N_1}{N_2 - N_1} (A_2 - A_1) + A_1$$
 (4)

where

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

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

= for distribution of percentages: the value 1.0.

p =the values obtained in step 2.

 A_1, A_2 = the lower and upper bounds, respectively, of the interval containing X_{pN} .

 N_1 , N_2 = for distribution of numbers: the estimated number of units (persons, households, etc.) with values of the characteristic greater than or equal to A_1 and A_2 , respectively;

= for distribution of percentages: the estimated percentage of units (persons, households, etc.) having values of the characteristic greater than or equal to A_1 and A_2 , respectively.

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

Illustration

In May 1991, the estimated median number of hours worked per week by 16-19 year old females is 22.8 hours. The following table gives the distribution of hours.

Hours Worked	Number of Females 16-19 Years (in thousands)	Percent Distribution	Cumulative Distribution
1 - 9	331	12.6	12.6
10 - 19	795	30.4	43.0
20 - 29	651	24.9	67.9
30 - 34	220	8.4	76.3
35 - 39	136	5.2	81.5
40	322	12.3	93.8
41 - 49		2.1	95.9
50+	108	4.1	100.0
Total	2,619		

- 1. Using formula (2) and b = 2,485 from Table A, the standard error of 50 percent on a base of 2,619,000 is about 1.5 percent.
- 2. To obtain a 68-percent confidence interval on the estimated median, add to and subtract from 50 percent the standard error found in step 1. This yields limits of 48.5 and 51.5.
- 3. From the above table, 57.0 percent (1,493,000) of the females 16-19 years old worked 20 hours or more per week and 32.1 percent (842,000) of the females 16-19 years old worked 30 or more hours per week. The upper and lower limits of the confidence interval for the median number of hours worked per week by 16-19 year old females can be calculated using linear interpolation. Using formula (4), the lower limit on the estimate is about

$$\frac{0.515\times2,619,000-1,493,000}{842,000-1,493,000} (30-20)+20=22.2$$

Similarly, the upper limit is about

$$\frac{0.485\times2,619,000-1,493,000}{842,000-1,493,000} (30-20)+20=23.4$$

Thus the 68-percent confidence interval for the median number of hours worked per week by 16-19 year old females in May 1991 is from 22.2 to 23.4.

4. Finally, the standard error of the median is

$$\frac{23.4 - 22.2}{2} = 0.6$$

Table A. Standard Error Parameters for the May 1991 Multiple Jobholding and Work Schedules Supplement

Type of Characteristic	a	b	
Agricultural Employment			
A II Dance	-0.0000282	3,954	
Hispanic Origin	-0.0002779	3,575	
Tiispame Origin	-0.0002779	Principal Princi	
All Employment Categories other than Agricultural Employment			
Total - Both Sexes			
16.1	-0.000160	2,485	
16-19	-0.0002020	2,485	
20 + 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20	-0.0002020 -0.0000160	2,485	r ii jiw
Male			
16+	-0.0000253	2,150	
16-19	-0.0002020	2,485	
20	-0.0000276	2,150	
Female	3,3332	•	
16+	-0.0000193	1,843	
16-19	-0.0002020	2,485	
20+	-0.0000209	1,843	
	0.0000209	2,0 .0	1
White - Both Sexes	-0.0000181	2,485	
16+	-0.000373	2,485	
16-19	-0.0002373	2,485	
20+	-0.000181	2,403	
Male	-0.0000276	2,150	
16+		2,485	
16-19	-0.0002373		
20+	-0.0000308	2,150	
Female	0.0000102	1 0/12	
16+	-0.0000193	1,843	
16-19	-0.0002373	2,485	
20+	-0.0000209	1,843	
Black - Both Sexes	0.0004.405	0.405	
16+	-0.0001437	2,485	
16-19	-0.0013585	2,485	
20+	-0.0001437	2,485	
Male		0	
16+	-0.0002401	2,150	
16-19	-0.0013585	2,485	
20+	-0.0002716	2,150	
Female .			
16+	-0.0001641	1,843	
16-19	-0.0013585	2,485	
20+	-0.0001641	1,843	
Hispanic Origin	-0.0001736	2,234	

User Notes

This section will contain information relevant to the Current Population Survey, May 1991: Multiple Job Holding and Work Schedules 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 Bureau of the Census and (2) returned the coupon on the following page.

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UPDATE INFORMATION

Additional information concerning this file may be available at a later data. If you wish to receive the documentation supplements, please fill out the following coupon and mail to:

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Name of the File: Current Population Survey, May 1991: Multiple Job Holding and Work Schedules
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