CURRENT POPULATION SURVEY, JUNE 2001, NOVEMBER 2001, AND FEBRUARY 2002: TOBACCO USE SUPPLEMENT FILE

TECHNICAL DOCUMENTATION
CPS—02

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NOTE

Questions about accompanying **documentation** should be directed to Administrative and Customer Services Division, Electronic Products Development Branch, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-1326.

Questions about the **CD-ROM** should be directed to Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 457-4100.

Questions about the **subject matter** should be directed to Michelle Wiland, Demographic Surveys Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-3806

ATTACHMENT 1

ABSTRACT

Current Population Survey, June 2001, November 2001, and February 2002 : Tobacco Use Supplement [machine-readable data file] conducted by the Bureau of the Census for the National Cancer Institute and Centers for Disease Control and Prevention. - Washington: Bureau of the Census [producer and distributor], 2004.

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 56,000 households.

Subject-Matter Description:

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

The file also contains information on cigarette smoking and other tobacco products that will identify current smokers, former smokers, and nonsmokers.

Geographic Coverage:

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for consolidated metropolitan statistical areas (CMSA), 173 selected metropolitan statistical areas (MSA), 69 selected primary metropolitan statistical areas (PMSA), 217 counties, and 41 central cities in multi-central city metropolitan statistical areas or primary metropolitan statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/nonmetropolitan, central city/balance metropolitan, MSA/CMSA size and MSA/PMSA size.

Technical Description:

File Structure: Rectangular.
File Size: June: 157,381, November: 158,335, and February: 157,443 logical records; 1,036 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, June 2001, November 2001, and February 2002: Tobacco Use Supplement Technical Documentation. Documentation contains this abstract, questionnaire facsimiles, and record layouts of the file. One copy accompanies each file order. Additional copies are available from Marketing Services Office, Customer Services Center, Bureau of the Census, Washington, DC 20233.

Bureau of the Census. *The Current Population Survey Design and Methodology* (Technical Paper 63) 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.

File Availability:

The file may be ordered from Marketing Services Office, Customer Services Center using the Customer Services order form on the following page. It is available on CD-ROM in ASCII format.

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ATTACHMENT 2

OVERVIEW

Current Population Survey

Introduction

The Current Population Survey (CPS) is the source of the official government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we obtain interviews from 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 reliable 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 demographic characteristics such as age, sex, race, marital status, educational attainment, family relationship, occupation, and industry. From time to time, additional questions are included on 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.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings* published by the Bureau of Labor Statistics.

CPS Sample Design

The current CPS sample is selected based on 1990 census information. The first stage of the 1990 sample design created 2,007 geographic areas called primary sampling units (PSUs) in the entire United States. These PSUs were grouped into strata within each state. Some of these PSUs formed strata by themselves and were in sample with certainty, which is referred to as self-representing. Of the remaining nonself-representing PSUs, one PSU was selected from each stratum with the probability of selection proportional to the population of the PSU. A total of 754 PSUs were selected for sample containing 2,121 counties, minor civil divisions, and independent cities. The second stage of the sample design selected housing units within these PSUs.

Approximately 72,000 housing units are assigned for interview each month, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 occupied housing units, approximately 5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), the residents are not found at home after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate. The interviewed households contain approximately 112,000 persons 15 years old and over, approximately 31,000 children 0-14 years old, and about 450 Armed Forces members living with civilians either on or off base within these households. A more precise explanation regarding the CPS sample design is provided in "Explanatory Notes and Estimates of Error: Household Data - Sampling" in any issue of *Employment and Earnings*.

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 three series of publications under the general title Current Population Reports:

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

All Current Population Reports, including the other series for population estimates and projections and special censuses, may be obtained by subscription from the U.S. Government Printing Office at 202-783-3238. Subscriptions are available as follows: Population Characteristics, Special Studies, and Consumer Income series (P-20, P-23, P-60) combined, $101 per year (sold as a package only); Population Estimates and Projections, (P-25), $27 per year. Single issues may be ordered separately; ordering information and prices are provided in the Bureau of the *Census Catalog and Guide*, the *Monthly Product Announcement* (MPA), and in *Census and You*. Selected reports also may be accessed on the INTERNET at http://www.census.gov/prod/www/subject.html#pop

Geographic Limitations

The CPS sample was selected so that specific reliability criteria were met nationally, for each of the 50 States and for the District of Columbia. Since 1985, these reliability criteria have been maintained through periodic additions and deletions in the State samples. Estimates formed for geographic areas identified on the microdata file which are smaller than states are not as reliable.

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 base 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. Almost all sample persons in the same state have the same base weight, but the weights across states are different. Selection probabilities may also differ for some sample areas due to field subsampling, which is done when areas selected for the sample contain many more households than expected. The base 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 noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a state. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA". Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of occupied sample households not interviewed fluctuates around 5 percent depending on weather, vacations, 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 state of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment as follows:

   a. *First-stage ratio estimate*. The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the nation. This adjustment is made to the CPS weights in two race cells: black and nonblack; it is applied only to PSUs that are nonself-representing and for those states that have a substantial number of black households. The procedure corrects for differences that existed in each state cell at the time of the 1990 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).

   b. *Second-stage ratio estimate*. This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:

      1) 51 state controls of the civilian noninstitutional population 16 years of age and older

      2) national civilian noninstitutional population controls for 14 hispanic and 5 nonhispanic age-sex categories

      3) national civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of Employment and Earnings.

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. This adjustment is 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 1993 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. Note that the composite estimation procedure was not used for estimates published from January 1994 to May 1994. For a further description of both the composite estimator and seasonal adjustment, see "Explanatory Notes and Estimates of Error: Household Data - Estimating Methods (Composite Estimation Procedure)" and "Seasonal Adjustment" in any issue of Employment and Earnings.

Comparison of CPS Estimates from Microdata Files with Published Sources

	Civilian Noninstitutional Population	Civilian Labor Force	Employed	Unemployed	Not in Labor Force
January 1993 Data (000's)					
Final Weights	192,644	126,115	116,113	10,002	66,529
Composited (Not Seasonally Adjusted)	192,644	126,034	116,123	9,911	66,610
Composited (Seasonally Adjusted)	192,644	127,083	118,071	9,013	65,561
July 1993 Data (000's)					
Final Weights	193,633	130,399	121,450	8,949	63,234
Composited (Not Seasonally Adjusted)	193,633	130,324	121,323	9,002	63,309
Composited (Seasonally Adjusted)	193,633	128,070	119,301	8,769	65,563

ATTACHMENT 3

OVERVIEW

June 2001, November 2001, and February 2002 National Cancer Institute and Centers for Disease Control and Prevention Co-Sponsored Tobacco Use Supplement to the Current Population Survey

General

Census Bureau staff conducted the National Cancer Institute (NCI) Sponsored Tobacco Use Supplement (TUS) to the Current Population Survey (CPS) in conjunction with the June 2001, November 2001, and February 2002 CPS. For this wave of surveys in 2001-02, NCI was joined by the Centers for Disease Prevention and Control (CDC) in co-sponsoring the supplement. The CPS is a monthly labor force survey conducted in approximately 48,000 interviewed households across the country. Attachment 9 contains a facsimile of the June 2001, November 2001, and February 2002 Tobacco Use Supplement questions. Attachment 2 comprises a description of the CPS entitled "Overview--Current Population Survey."

Census Bureau staff collected the series of NCI sponsored Tobacco Use Supplements to the CPS in September 1992, January 1993, and May 1993, in September 1995, January 1996, and May 1996, and again in September 1998, January 1999, and May 1999. We conducted an abbreviated Tobacco Use Supplement in January 2000 and May 2000 at the request of the NCI in order to access the usage of cigars, snuff, pipes and chewing tobacco, as well as cigarettes by the U.S. population. The last series of Tobacco Use supplements was conducted in June 2001, November 2001, and February 2002. State data will be most reliable when using data from all three months of data collections. For this reason, we recommend that all three files be purchased when analyzing state level data. This is especially important when trying to replicate analysis done by the NCI.. Much of their analysis is based on a statistical average of all three months for any series of collection periods. Each file only contains data collected for the Tobacco Use Supplement in June 2001, November 2001, or February 2002. **A suggested general citation for the series of NCI sponsored TUS- CPS data and/or technical documentation previously collected in 1992-93, 1995-96, 1998-99, and 2000: US Department of Commerce, Census Bureau, (year of data release). National Cancer Institute Sponsored Tobacco Use Supplement to the Current Population Survey (years of survey). Specifically, for the 2001-02 wave of Tobacco Use Supplements, the citation is: U.S. Department of Commerce, Census Bureau (2003), National Cancer Institute and Centers for Disease Control and Prevention co-sponsored Tobacco Use Supplement to the Current Population Survey (2001-02).** For more information about past, current and future NCI Tobacco Use Supplements and data reports and publications utilizing supplement data see NCI website: HTTP://riskfactor.cancer.gov/studies/tus-cps/ . A description of the June 2001, November 2001, and February 2002 Tobacco Use Supplement follows.

Data Collection

The Tobacco Use Supplement consisted of Items PES32 through PES77. All CPS household members age 15 years and older who had completed CPS Core items were eligible for these items.

Items for Both Proxy and Self-Respondents
Self-respondents were eligible for the entire supplement, whereas proxy respondents were only eligible for certain items. We only collected information from proxies on topics, such as smoking status (Items PES32-PES34) and the use of other tobacco products; for example, pipes, cigars, chewing tobacco, and snuff (Items PES62A-PES63B)..

Items for Both Proxy and Self-Respondents
In addition to the smoking status and other tobacco use questions, we asked self-respondents various questions depending on their smoking status. We asked former, everyday, and some days smokers a set of detailed prevalence questions tailored to their status (Items PES36-PES46 and PES55-PES61). In addition, we asked current smokers questions, such as whether the medical community had advised them to quit smoking or if they were planning to quit in the near future (PES47-PES54). We also asked all self-respondents detailed questions on smoking policies in their work place (Items PES67-PES71), smoking rules in the home (Item PES73) and questions on opinions about smoking (Items PES72, PES75-PES77).

Note, in the 2001-02 TUS-CPS both every day and some day current smokers are asked about attempts to try to quit smoking including characteristics of the attempt(s). This is similar to the way quitting attempts for 24 hours or more during the past year is asked on National Health Interview Survey (NHIS) Core and recent 2000 NHIS Cancer Control Supplement. Previous to 2001-02, ONLY every day smokers were asked these questions on the TUS-CPS.

Special Administrative Items
We also collected some special questions, such as who the proxy respondents were, the language in which the interview was conducted, the survey method (telephone vs. personal-visit interviews), CATI vs. CAPI, and the date of the interview.

Data Processing

The data processing involved editing the June 2001, November 2001, and February 2002 supplement data. This process is described below:

Edits, Allocations, and Recodes. *Regular Edits*. Data processing involved a consistency edit of all supplement items. The consistency edit ensured that the entries within an individual record followed the correct skip pattern. Items with missing entries were assigned values, if appropriate. The remaining items were not allocated.

Other Edits. We also edited the supplement data based on patterns of response, such as: (1) making check items consistent with entries; (2) making the various records of proxy/self-consistent with each other; and (3) assigning a code "88" in the variable PES78 (located in positions 997:998) when we knew that the interview was done by a proxy, but we did not know by whom.

Recodes. We also created an interview status recode and a smoking status recode. The interview status recode is identified by the variable "INTERVIEW" (located in positions (1013:1014), where Code 1 is an interview and Code 2 is a noninterview. The smoking status recode is identified by the variable "SMOKSTAT" (located in positions 1015:1016) where Code 1 is a "never smoker," Code 2 is an "everyday smoker," Code 3 is a "some days smoker," Code 4 is a "former smoker," and Code -9 is "indeterminate (unknown) smoking status."

The values and universes for each variable are defined in the supplement record layout (Attachment 8).

Weighting. *PWSSWGT for Labor Force Data***.** All adult records retain the "basic CPS weight," which reflects controlling for age, race, sex, and Hispanic origin estimates and individual state 16+ estimates. Use the basic CPS final weight PWSSWGT (located in positions 613:622) for tallying the labor force items. For a description of this weight, see Attachment 2, "Overview of the CPS."

*Special Supplement Weights***.** This file contains two special supplement weights: a supplement nonresponse adjustment weight and a supplement self-response adjustment weight. In addition to maintaining national demographic totals (for age, sex, race, and origin), these weights were designed to maintain each state's population total.

*Supplement Non-Response and Self-Response Weights***.** Use the supplement nonresponse adjustment weight PWNRWGT (located in positions 1017:1026) for tallying the supplement items. When you are interested in self-response analysis (especially for those items requiring self-response only), use the supplement self-response adjustment weight PWSRWGT (in positions 1027:1036) for tallying the supplement items.

*Use of Weights When Using All Three Files***.** The best analysis of the Tobacco Use Supplement to the CPS data, especially for states, will come from combining the data from all three collection periods (June 2001, November 2001, and February 2002). To use the weights when combining the three files, divide each weight by three. The source and accuracy statement found in Attachment 17 contains a detailed description on how to use the Tobacco Use Supplement weights for single and combined files.

June 2001, November 2001, and February 2002 NCI and CDC Co-Sponsored Tobacco Use Supplement to the CPS File

CPS Labor Force Data. The June 2001 CPS file contains 157,381 records. The November 2001 CPS file contains 158,335 records and the February 2002 CPS file contains 157,443 records. The first 856 characters contain the labor force data for each record. Attachment 8 contains the CPS Basic Items Record Layout, which includes the variable name, character size, location on the record, universe, and the possible values of each basic CPS variable included on the file.

The variable PRPERTYP (located in positions 161:162 on the CPS Basic Items Record Layout) determines the type of record as follows:

PRPERTYP

1 = Child household member (0-14 years old)

2 = Adult civilian household member (15 + years old)

3 = Adult Armed Forces household member (15 + years old)

The variable HRINTSTA (located in positions 57:58 on the CPS Basic Items Record Layout) determines the interview status of the household.

HRINTSTA

1 = Interviewed

2 = Type A Noninterview (These records represent households that were eligible for CPS interview but were not interviewed because no one was home, household members were temporarily absent, etc.)

3 = Type B Noninterview (These records represent sample addresses determined to be ineligible for the CPS by virtue of a temporary situation, such as being vacant, nonresidential, etc. These households could become eligible for a CPS interview.)

4 = Type C Noninterview (These records represent sample addresses determined to be ineligible for CPS by virtue of a permanent change such as demolished, condemned, etc. These addresses will not be visited again for CPS interviews.)

By combining the values of PRPERTYP (1-3) and HRINTSTA (2-4), the total number for records can be determined.

The values of PRPERTYP are:

	Unweighted Counts		
	June 2001	November 2001	February 2002
1 = Child	30,464	30,817	30,567
2 = Adult Civilian, 15+	109,863	111,243	109,758
3 = Adult, Armed Forces	416	441	450

The values of HRINTSTA are:

2 = Type A Noninterview	4,699	4,274	4,713
3 = Type B Noninterview	11,230	10,940	11,292
4 = Type C Noninterview	709	620	663

For Supplement non-response and Supplement self-response rates/counts, see the Source & Accuracy Statement, Attachment 17.

ATTACHMENT 4

GLOSSARY

Current Population Survey

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.

Allocation Flag-Each edited item has a corresponding allocation flag indicating the nature of the edit. See the attachment on allocation flags for more information. The second character of the item name is always "X".

Armed Forces-Demographic information for Armed Forces members (enumerated in off-base housing or on-base with their families) is included on the CPS data files. No labor force information is collected of Armed Forces members in any month. In March, supplemental data on income are included for Armed Forces members. This is the only month that non-demographic information is included for Armed Forces members.

Civilian Labor Force-(See Labor Force.)

Class of Worker-This refers to the broad classification of the person's employer. These broad classifications for current jobs are:

1) Federal government
2) State government
3) Local government
4) Private industry (including self-employed, incorporated)
5) Self-employed (not incorporated)
6) Working without pay

Domain-The domain for an item is a list or range of its possible values. Note that all unedited items have possible values of -1 (blank), -2 (don't know), and -3 (refused). Since all items have these possible values, they are not shown as valid entries for each item.

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.

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.

Edited item-An edited item is allocated or imputed by the processing system. In most cases this means allocating a value where the unedited item contains a value of blank, "don't know", or "refused". The second character of the item name is always "E".

An edited version of an item exists only if that item is processed through the edits. If the edits never deal with a particular item, then that item only has an unedited version.

Since the instrument enforces skip patterns and consistency between many items, the edits are left mainly with the job of allocating missing values. Also, since an interviewer is allowed to "back up" in the interview, there may be "off-path" items filled in the unedited data. The edits also blank these off-path items if an edited version of the items exists.

Education-(See Level of School Completed.)

Employed-(See Labor Force.)

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

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

Family Weight-This weight is used only for tallying family characteristics. In March, the weight on the family record is the March supplement weight of the householder or reference person.

Final Weight-Used in tabulating labor force items in all months, including March. The final weight is controlled to independent estimates for:

1) States
2) Origin, Sex, and Age
3) Age, Race, and Sex

This weight should not be used when tabulating March supplement data.

Full-Time Worker-Persons on full-time schedules include persons working 35 hours or more, persons who worked 1-34 hours for noneconomic reasons (e.g., illness) and usually work full-time, and persons "with a job but not at work" who usually work full-time.

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

Head Versus Householder-Beginning with the March 1980 CPS, the Bureau of the Census discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" are used.

Highest Grade of School Attended-(See Level of School Completed.)

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

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

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

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

Household Weight-The household weight is used for tallying household characteristics. In March, the 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.

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

Longitudinal Weight-Used for gross flows analysis. Only found on adult records matched from month to month.

PEMLR-(Major Labor Force 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.

Labor Force-Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. *Employed*

   Employed persons comprise (1) all civilians who, during the survey week, do any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm in a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have a Monthly Labor Force Recode (MLR) of 1 or 2 respectively in characters 180-181 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 MLR code of 3 or 4 in characters 180-181 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.

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.

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 by major activity: retired, unable to work because of long-term physical or mental illness, and other. The "other" group includes, for the most part, students and persons keeping house. 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.

Persons classified as NILF have an MLR code of 5-7 in characters 180-181 of the person record.

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

Level of School Completed/Degree Received-These data changed beginning with the January 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received?" replaced the old "Highest grade attended" and "Year completed" questions. The new question provides more accurate data on the degree status of college students. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

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

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

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

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

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

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

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

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

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

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

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

Out Variable-An instrument-created item that stores the results of another item.

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.

Processing Recode-An item calculated by the processing system from a combination of other items in the database. The second character of the item name is always "R".

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.

Unedited item-An item that is produced by the CAPI instrument, either collected during the interview or created by the CAPI instrument. The second character of the item name is always "U".

Unemployed-(See Labor Force.)

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

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

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

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

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

0 Children under 15
1 Vietnam era
2 Korean
3 WWI
4 WWII
5 Other Service
6 Nonveteran

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

Workers-(See Labor Force--Employed.)

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

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

ATTACHMENT 5

HOW TO USE THE RECORD LAYOUT

Data users familiar with the CPS data files in prior years will see many similarities between the format of this file and those files released before January 1994. As in the past, there are numeric locations on the file which correspond to each variable. There is only one record layout which contains the variables for children, adults, and armed forces members. In prior years, each type of person had a separate record layout.

Item Naming Conventions

- The first character of each variable name is one of the following:

  H - Household item
  G - Geography item
  * P - Person item (includes adult items, child items, and armed forces items)

  * There is no need to distinguish adult, child, and armed forces items in the variable names in the new system. The recode **PRPERTYP** (located in positions 161-162) tells you what category the person is in.

- The second character of each variable name is one of the following:

  E - Edited item
  U - Unedited item
  X - Allocation flag (see Attachment 16 for more information)
  W - Weight
  R - Recode

- The remaining characters describe the variable.

- For multiple entry items, the file contains a separate variable for each possible response. Each item has the same descriptive name but a number is added as the last digit. For example, Question 22A allows separate entries for up to 6 job search methods. The item names are **PELKM1** (this item is edited), **PULKM2**, (this item is unedited), **PULKM3**, etc. These items are located in positions 296-307 of the record layout.

ATTACHMENT 6

CHANGES TO CPS PUBLIC USE FILES EFFECTIVE SEPTEMBER 1995

Effective September 1995, a number of revisions were made to the CPS public use files. Most were related to the recent phase-in of a new sample based on the results of the 1990 Census. This phase-in was completed in June 1995. Part of this changeover was the use of new metropolitan area definitions based on the results of the 1990 Decennial Census in selecting the new sample. As such, beginning in September 1995, metropolitan area definitions effective June 30, 1993 will be identified subject to confidentiality restrictions on the CPS public use files. The new variables and their locations are given below.

Concurrent with this revision, several other changes were made to the CPS public use files. The most important of these was the creation of a new set of household identification numbers for the September forward files. Bureau of the Census confidentiality restrictions require that we preclude the possibility of matching any households from data files before and after the September 1995 date. In conjunction with this, the Bureau revised its sample household numbering scheme. These two considerations resulted in the creation of a 15 character household identification number. The location of this number is now in characters 1-15 (previously 1-12) of all non-March files and characters 344-358 (previously 320-331) on the March files.

Also, on non-March files, the following variables changed locations:

	Location	
Name	Old	New
HUINTTYP	13-14	16-17
HULENSEC	15-19	109-113

The other change involves the suppression of several 3-digit occupation codes. Specifically, Codes 003 and 016 (legislators and postmasters, respectively) are collapsed into Code 022, (managers and administrators, N.E.C.) Also, Code 179, (judges) was collapsed into Code 178, (lawyers). None of the changes affected any of the occupation recodes.

	NON-MARCH LOCATIONS		MARCH LOCATIONS	
Geographic Variable	Prior to September 1995	September 1995 and Forward	Prior to September 1995	March 1996 and Forward
CMSA FIPS CODE	94-95	95-96	53-54*	53-54
METROPOLITAN/ NON-METROPOLITAN STATUS	107-108	105	57	57
CENTRAL CITY/BALANCE STATUS	111-112	104	58	58
MSA/PMSA SIZE	N/A	107	56*	56
CMSA/MSA SIZE	103-104	108	55*	55
INDIVIDUAL CENTRAL CITY CODE	109-110	106	285	285
FIPS COUNTY CODE	N/A	101-103	N/A	50-52

*NOT ON THE MARCH 1995 FILE

ATTACHMENT 7

Basic Current Population Survey Record Layout

A1. HOUSEHOLD INFORMATION

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*******************************************
*   STARTING JANUARY 1998                 *
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NAME	SIZE	DESCRIPTION	LOCATION

All items, except those with one character, also can have values of -1, -2, or -3 even if such values are not listed in the documentation. The meanings of these values are as follows:

-1 Blank or not in universe
-2 Don't know
-3 Refused

Most edited items (E or R) in the second character of the item name also can be blank. This means that the record was not in universe for that item.

HRHHID	15	HOUSEHOLD IDENTIFIER EDITED UNIVERSE: ALL HHLD's IN SAMPLE	1 - 15
HRMONTH	2	MONTH OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 01 MIN VALUE 12 MAX VALUE	16-17

NAME	SIZE	DESCRIPTION	LOCATION
HRYEAR4	4	YEAR OF INTERVIEW EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 1998 MIN VALUE 2999 MAX VALUE	18-21

****
* Note: For variables HUINTTYP and *
* HURRSCNT, go to positions 65-68 *
****

HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	22 - 23
HUFINAL	3	FINAL OUTCOME CODE OUTCOME CODES BETWEEN 001 AND 200 ARE FOR CATI. ALL OTHER OUTCOME CODES ARE FOR CAPI. VALID ENTRIES 000 NEW INTERVIEW - NOT CONTACTED 001 FULLY COMPLETE CATI INTERVIEW 002 PARTIALLY COMPLETED CATI INTERVIEW 005 LABOR FORCE COMPLETE, SUPPLEMENT INCOMPLETE - CATI 024 HH OCCUPIED ENTIRELY BY ARMED FORCES MEMBERS 115 PARTIAL INTERVIEW WITH CALLBACK PLANNED - CATI 200 NEW INTERVIEW - CONTACTED 201 CAPI COMPLETE 202 CALLBACK NEEDED 203 SUFFICIENT PARTIAL - PRECLOSEOUT 204 SUFFICIENT PARTIAL - AT CLOSEOUT	24 - 26

NAME	SIZE	DESCRIPTION	LOCATION
		205 LABOR FORCE COMPLETE, - SUPPL. INCOMPLETE - CAPI	
		210 CAPI COMPLETE REINTERVIEW	
		216 NO ONE HOME	
		217 TEMPORARILY ABSENT	
		218 REFUSED	
		219 OTHER OCCUPIED - SPECIFY	
		224 ARMED FORCES OCCUPIED OR UNDER AGE 14	
		225 TEMP. OCCUPIED W/PERSONS WITH URE	
		226 VACANT REGULAR	
		227 VACANT - STORAGE OF HHLD FURNITURE	
		228 UNFIT, TO BE DEMOLISHED	
		229 UNDER CONSTRUCTION, NOT READY	
		230 CONVERTED TO TEMP BUSINESS OR STORAGE	
		231 UNOCCUPIED TENT OR TRAILER SITE	
		232 PERMIT GRANTED - CONSTRUCTION NOT STARTED	
		233 OTHER - SPECIFY	
		240 DEMOLISHED	
		241 HOUSE OR TRAILER MOVED	
		242 OUTSIDE SEGMENT	
		243 CONVERTED TO PERM. BUSINESS OR STORAGE	
		244 MERGED	
		245 CONDEMNED	
		246 BUILT AFTER APRIL 1, 1980	
		247 UNUSED SERIAL NO./LISTING SHEET LINE	
		248 OTHER - SPECIFY	

NAME	SIZE	DESCRIPTION	LOCATION
HUSPNISH	2	IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER? VALID ENTRIES 1 SPANISH ONLY LANGUAGE SPOKEN	27 - 28
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES) EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3 VALID ENTRIES 1 OWNED OR BEING BOUGHT BY A HH MEMBER 2 RENTED FOR CASH 3 OCCUPIED WITHOUT PAYMENT OF CASH RENT	29 - 30
HEHOUSUT	2	TYPE OF HOUSING UNIT EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 OTHER UNIT 1 HOUSE, APARTMENT, FLAT 2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC. 3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL 4 HU IN ROOMING HOUSE 5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED	31 - 32

NAME	SIZE	DESCRIPTION	LOCATION
		6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED 7 HU NOT SPECIFIED ABOVE 8 QUARTERS NOT HU IN ROOMING OR BRDING HS 9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL 10 UNOCCUPIED TENT SITE OR TRLR SITE 11 STUDENT QUARTERS IN COLLEGE DORM 12 OTHER UNIT NOT SPECIFIED ABOVE	
HETELHHD	2	IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT? EDITED UNIVERSE: HRINTSTA = 1 VALID ENTRIES 1 YES 2 NO	33 - 34
HETELAVL	2	IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED? EDITED UNIVERSE: HETELHHD = 2 VALID ENTRIES 1 YES 2 NO	35 - 36

NAME	SIZE	DESCRIPTION	LOCATION
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE? EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1 VALID ENTRIES 1 YES 2 NO	37 - 38
HUFAMINC	2	FAMILY INCOME (COMBINED INCOME OF ALL FAMILY MEMBERS DURING THE LAST 12 MONTHS. INCLUDES MONEY FROM JOBS, NET INCOME FROM BUSINESS, FARM OR RENT, PENSIONS, DIVIDENDS, INTEREST, SOCIAL SECURITY PAYMENTS AND ANY OTHER MONEY INCOME RECEIVED BY FAMILY MEMBERS WHO ARE 15 YEARS OF AGE OR OLDER.) VALID ENTRIES 1 LESS THAN $5,000 2 5,000 TO 7,499 3 7,500 TO 9,999 4 10,000 TO 12,499 5 12,500 TO 14,999 6 15,000 TO 19,999 7 20,000 TO 24,999 8 25,000 TO 29,999 9 30,000 TO 34,999 10 35,000 TO 39,999 11 40,000 TO 49,999 12 50,000 TO 59,999 13 60,000 TO 74,999 14 75,000 OR MORE	39 - 40

NAME	SIZE	DESCRIPTION	LOCATION
HUTYPEA	2	TYPE A NONINTERVIEW REASON	41 - 42
		VALID ENTRIES	
		1 NO ONE HOME (NOH)	
		2 TEMPORARILY ABSENT (TA)	
		3 REFUSED (REF)	
		4 OTHER OCCUPIED - SPECIFY	
HUTYPB	2	TYPE B NON-INTERVIEW REASON	43 - 44
		VALID ENTRIES	
		1 VACANT REGULAR	
		2 TEMPORARILY OCCUPIED BY PERSONS W/URE	
		3 VACANT-STORAGE OF HHLD FURNITURE	
		4 UNFIT OR TO BE DEMOLISHED	
		5 UNDER CONSTRUCTION, NOT READY	
		6 CONVERTED TO TEMP BUSINESS OR STORAGE	
		7 UNOCCUPIED TENT SITE OR TRAILER SITE	
		8 PERMIT GRANTED CONSTRUCTION NOT STARTED	
		9 OTHER TYPE B - SPECIFY	
HUTYPC	2	TYPE C NON-INTERVIEW REASON	45 - 46
		VALID ENTRIES	
		1 DEMOLISHED	
		2 HOUSE OR TRAILER MOVED	
		3 OUTSIDE SEGMENT	
		4 CONVERTED TO PERM. BUSINESS OR STORAGE	
		5 MERGED	
		6 CONDEMNED	
		8 UNUSED LINE OF LISTING SHEET	
		9 OTHER - SPECIFY	

NAME	SIZE	DESCRIPTION	LOCATION
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS EDITED UNIVERSE: HRINTSTA = 1	47 - 56
HRINTSTA	2	INTERVIEW STATUS EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 1 INTERVIEW 2 TYPE A NON-INTERVIEW 3 TYPE B NON-INTERVIEW 4 TYPE C NON-INTERVIEW	57 - 58
HRNUMHOU	2	TOTAL NUMBER OF PERSONS LIVING IN THE HOUSEHOLD (HOUSEHOLD MEMBERS). EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 MIN VALUE 16 MAX VALUE	59 - 60

NAME	SIZE	DESCRIPTION	LOCATION
HRHTYPE	2	HOUSEHOLD TYPE	61 - 62

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

0 NON-INTERVIEW HOUSEHOLD
1 HUSBAND/WIFE PRIMARY FAMILY (NEITHER AF)
2 HUSB/WIFE PRIM. FAMILY (EITHER/BOTH AF)
3 UNMARRIED CIVILIAN MALE-PRIM. FAM HHLDER
4 UNMARRIED CIV. FEMALE-PRIM FAM HHLDER
5 PRIMARY FAMILY HHLDER-RP IN AF, UNMAR.
6 CIVILIAN MALE PRIMARY INDIVIDUAL
7 CIVILIAN FEMALE PRIMARY INDIVIDUAL
8 PRIMARY INDIVIDUAL HHLD-RP IN AF
9 GROUP QUARTERS WITH FAMILY
10 GROUP QUARTERS WITHOUT FAMILY

HRMIS	2	MONTH-IN-SAMPLE	63 - 64

EDITED UNIVERSE:
ALL HHLDs IN SAMPLE

VALID ENTRIES

1 MIN VALUE
8 MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HUINTTYP	2	TYPE OF INTERVIEW VALID ENTRIES 0 NONINTERVIEW/INDETERMINATE 1 PERSONAL 2 TELEPHONE	65-66
HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS VALID ENTRIES 1 MIN VALUE 9 MAX VALUE	67-68

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*    Note:  For Variables HRMONTH and       *
*    HRYEAR,  go to locations 16-21.        *
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HRLONGLK	2	LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES 0 MIS 1 OR REPLACEMENT HH (NO LINK) 2 MIS 2-4 OR MIS 6-8 3 MIS 5	69 - 70
HRSAMPLE	4	SAMPLE IDENTIFIER EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES A-Z 1ST DIGIT 000-999 DIGITS 2-4	71 - 74

NAME	SIZE	DESCRIPTION	LOCATION
HRSERSUF	2	SERIAL SUFFIX IDENTIFIES EXTRA UNITS EDITED UNIVERSE: ALL HHLDs IN SAMPLE VALID ENTRIES A-Z	75 - 76
HUHHNUM	2	HOUSEHOLD NUMBER THE INITIAL HOUSEHOLD RECEIVES A VALUE OF 1, AND SUBSEQUENT REPLACEMENT HOUSEHOLDS INCREASE THE VALUE BY 1. VALID ENTRIES 01 MIN VALUE 08 MAX VALUE	77 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM? VALID ENTRIES 1 YES 2 NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1 VALID ENTRIES 01 MIN VALUE 99 MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1 VALID ENTRIES 1 MIN VALUE 99 MAX VALUE	83 - 84

NAME	SIZE	DESCRIPTION	LOCATION
HUBUSL3	2	See BUSL1	85 - 86
		VALID ENTRIES	
		1 MIN VALUE 99 MAX VALUE	
HUBUSL4	2	See BUSL1	87 - 88
		VALID ENTRIES	
		1 MIN VALUE 99 MAX VALUE	

NAME	SIZE	DESCRIPTION	LOCATION
		A2. GEOGRAPHIC INFORMATION	
GEREG	2	REGION	89 - 90

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

1 NORTHEAST
2 MIDWEST (FORMERLY NORTH CENTRAL)
3 SOUTH
4 WEST

NAME	SIZE	DESCRIPTION	LOCATION
GESTCEN	2	CENSUS STATE CODE	91 - 92

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

11	ME	56	NC
12	NH	57	SC
13	VT	58	GA
14	MA	59	FL
15	RI	61	KY
16	CT	62	TN
21	NY	63	AL
22	NJ	64	MS
23	PA	71	AR
31	OH	72	LA
32	IN	73	OK
33	IL	74	TX
34	MI	81	MT
35	WI	82	ID
41	MN	83	WY
42	IA	84	CO
43	MO	85	NM
44	ND	86	AZ
45	SD	87	UT
46	NE	88	NV
47	KS	91	WA
51	DE	92	OR
52	MD	93	CA
53	DC	94	AK
54	VA	95	HI
55	WV		

NAME	SIZE	DESCRIPTION	LOCATION
GESTFIPS	2	FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE	93 - 94

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

01	AL	30	MT
02	AK	31	NE
04	AZ	32	NV
05	AR	33	NH
06	CA	34	NJ
08	CO	35	NM
09	CT	36	NY
10	DE	37	NC
11	DC	38	ND
12	FL	39	OH
13	GA	40	OK
15	HI	41	OR
16	ID	42	PA
17	IL	44	RI
18	IN	45	SC
19	IA	46	SD
20	KS	47	TN
21	KY	48	TX
22	LA	49	UT
23	ME	50	VT
24	MD	51	VA
25	MA	53	WA
26	MI	54	WV
27	MN	55	WI
28	MS	56	WY
29	MO		

NAME	SIZE	DESCRIPTION	LOCATION
‘GECMSA	2	CMSA FIPS CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 00 NOT IDENTIFIED OR NONMETROPOLITAN 07 MIN VALUE 97 MAX VALUE SPECIFIC CMSA CODE (SEE SPECIFIC METROPOLITAN IDENTIFIERS)	95 - 96
GEMSA	4	MSA/PMSA FIPS CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 0000 NOT IDENTIFIED OR NONMETROPOLITAN 0080 MIN VALUE 9360 MAX VALUE SPECIFIC MSA/PMSA CODE (SEE ATTACHMENT 13)	97 - 100
GECO	3	FIPS COUNTY CODE EDITED UNIVERSE: ALL HHLD's IN SAMPLE VALID ENTRIES 000 NOT IDENTIFIED 001-810 SPECIFIC COUNTY CODE (SEE SPECIFIC METROPOLITAN IDENTIFIERS) NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY.	101 - 103

NAME	SIZE	DESCRIPTION	LOCATION
GEMSAST	1	CENTRAL CITY/BALANCE STATUS	104 - 104

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

1 CENTRAL CITY
2 BALANCE
3 NONMETROPOLITAN
4 NOT IDENTIFIED

GEMETSTA	1	METROPOLITAN STATUS	105 - 105

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

1 METROPOLITAN
2 NONMETROPOLITAN
3 NOT IDENTIFIED

GEINDVCC	1	INDIVIDUAL CENTRAL CITY	106 - 106

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

0 NOT IDENTIFIED, NONMETROPOLITAN, or NOT A CENTRAL CITY
1-4 SPECIFIC CENTRAL CITY CODE (SEE SPECIFIC METROPOLITAN IDENTIFIERS) NOTE: WHENEVER POSSIBLE THIS CODE IDENTIFIES SPECIFIC CENTRAL CITIES IN AN MSA/PMSA THAT HAVE MULTIPLE CENTRAL CITIES. THIS CODE MUST BE USED IN COMBINATION WITH THE MSA/PMSA FIPS CODE (GEMSA) IN ORDER TO UNIQUELY IDENTIFY A SPECIFIC CITY.

NAME	SIZE	DESCRIPTION	LOCATION
GEMSASZ	1	MSA/PMSA SIZE	107 - 107

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

0	NOT IDENTIFIED OR NONMETROPOLITAN
2	100,000 - 249,999
3	250,000 - 499,999
4	500,000 - 999,999
5	1,000,000 - 2,499,999
6	2,500,000 - 4,999,999
7	5,000,000+

GECMSASZ	1	CMSA/MSA SIZE	108 - 108

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

0	NOT IDENTIFIED OR NONMETROPOLITAN
2	100,000 - 249,999
3	250,000 - 499,999
4	500,000 - 999,999
5	1,000,000 - 2,499,999
6	2,500,000 - 4,999,999
7	5,000,000+

HULENSEC	5	CUMULATIVE INTERVIEW TIME IN SECONDS	109 - 113

EDITED UNIVERSE:
ALL HHLD's IN SAMPLE

VALID ENTRIES

00000	MIN VALUE
99999	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION

A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

PROLDRRP	2	RELATIONSHIP TO REFERENCE PERSON (RECODE) EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 VALID ENTRIES 01 REF PERS WITH OTHER RELATIVES IN HH 02 REF PERS WITH NO OTHER RELATIVES IN HH 03 SPOUSE 04 CHILD 05 GRANDCHILD 06 PARENT 07 BROTHER/SISTER 08 OTHER RELATIVE 09 FOSTER CHILD 10 NON-REL OF REF PER W/OWN RELS IN HH 11 PARTNER/ROOMMATE 12 NON-REL OF REF PER W/NO OWN RELS IN HH SEE LOCATION 118 - 119 FOR AN UNCOLLAPSED VERSION	114 - 115
PUPELIG	2	INTERVIEW STATUS OF EACH PERSON IN THE HOUSEHOLD VALID ENTRIES 1 ELIGIBLE FOR INTERVIEW 2 LABOR FORCE FULLY COMPLETE 3 MISSING LABOR FORCE DATA FOR PERSON 4 (NOT USED) 5 ASSIGNED IF AGE IS BLANK 6 ARMED FORCES MEMBER 7 UNDER 15 YEARS OLD 8 NOT A HH MEMBER 9 DELETED 10 DECEASED	116 - 117

NAME	SIZE	DESCRIPTION	LOCATION
		11 END OF LIST 12 AFTER END OF LIST	
PERRP	2	RELATIONSHIP TO REFERENCE PERSON EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3 VALID ENTRIES EXPANDED RELATIONSHIP CATEGORIES 01 REFERENCE PERSON W/RELS. 02 REFERENCE PERSON W/O RELS. 03 SPOUSE 04 CHILD 05 GRANDCHILD 06 PARENT 07 BROTHER/SISTER 08 OTHER REL. OR REF. PERSON 09 FOSTER CHILD 10 NONREL. OF REF. PERSON W/RELS. 11 NOT USED 12 NONREL. OF REF. PERSON W/O RELS. 13 UNMARRIED PARTNER W/RELS. 14 UNMARRIED PARTNER W/OUT RELS. 15 HOUSEMATE/ROOMMATE W/RELS. 16 HOUSEMATE/ROOMMATE W/OUT RELS. 17 ROOMER/BOARDER W/RELS. 18 ROOMER/BOARDER W/OUT RELS. SEE LOCATION 114 - 115 FOR THE COLLAPSED VERSION	118 - 119
PEPARENT	2	LINE NUMBER OF PARENT EDITED UNIVERSE: EVERY PERSON VALID ENTRIES -1 NO PARENT 01 MIN VALUE 99 MAX VALUE	120 - 121

NAME	SIZE	DESCRIPTION	LOCATION
PEAGE	2	PERSONS AGE AS OF THE END OF SURVEY WEEK EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 0 MIN VALUE 90 MAX VALUE	122 - 123
PTAGE	1	TOP CODE FOR AGE VALID ENTRIES 0 NO TOP CODE 1 TOP CODED VALUE FOR AGE	124 - 124

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* BEGINS IN APRIL 1996 *
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PEMARITL	2	MARITAL STATUS EDITED UNIVERSE: PEAGE >= 15 VALID ENTRIES 1 MARRIED - SPOUSE PRESENT 2 MARRIED - SPOUSE ABSENT 3 WIDOWED 4 DIVORCED 5 SEPARATED 6 NEVER MARRIED	125 - 126
PESPOUSE	2	LINE NUMBER OF SPOUSE EDITED UNIVERSE: PEMARITL = 1 VALID ENTRIES -1 NO SPOUSE 01 MIN VALUE 99 MAX VALUE	127 - 128

NAME	SIZE	DESCRIPTION	LOCATION
PESEX	2	SEX EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 1 MALE 2 FEMALE	129 - 130
PUAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES? VALID ENTRIES 1 YES 2 NO	131 - 132
PEAFWHEN	2	WHEN DID YOU SERVE? EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 VIETNAM ERA (8/64-4/75) 2 KOREAN WAR (6/50-1/55) 3 WORLD WAR II (9/40-7/47) 4 WORLD WAR I (4/17-11/18) 5 OTHER SERVICE (ALL OTHER PERIODS) 6 NONVETERAN	133 - 134
PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES EDITED UNIVERSE: PRPERTYP = 2 0R 3 VALID ENTRIES 1 YES 2 NO	135 - 136

NAME	SIZE	DESCRIPTION	LOCATION
PEEDUCA	2	HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED	137 - 138

EDITED UNIVERSE:
PRPERTYP = 2 0R 3

VALID ENTRIES

31 LESS THAN 1ST GRADE
32 1ST, 2ND, 3RD OR 4TH GRADE
33 5TH OR 6TH GRADE
34 7TH OR 8TH GRADE
35 9TH GRADE
36 10TH GRADE
37 11TH GRADE
38 12TH GRADE NO DIPLOMA
39 HIGH SCHOOL GRAD-DIPLOMA OR EQUIV (GED)
40 SOME COLLEGE BUT NO DEGREE
41 ASSOCIATE DEGREE-OCCUPATIONAL/VOCATIONAL
42 ASSOCIATE DEGREE-ACADEMIC PROGRAM
43 BACHELOR'S DEGREE (EX: BA, AB, BS)
44 MASTER'S DEGREE (EX: MA, MS, MEng, MEd, MSW)
45 PROFESSIONAL SCHOOL DEG (EX: MD, DDS, DVM)
46 DOCTORATE DEGREE (EX: PhD, EdD)

PERACE	2	RACE	139 - 140

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

1 WHITE
2 BLACK
3 AMERICAN INDIAN, ALEUT, ESKIMO
4 ASIAN OR PACIFIC ISLANDER

NAME	SIZE	DESCRIPTION	LOCATION
PRORIGIN	2	ORIGIN OR DESCENT	141 - 142

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

01 MEXICAN AMERICAN
02 CHICANO
03 MEXICAN (MEXICANO)
04 PUERTO RICAN
05 CUBAN
06 CENTRAL OR SOUTH AMERICAN
07 OTHER SPANISH
08 ALL OTHER
09 DON'T KNOW
10 NA

PUCHINHH	2	CHANGE IN HOUSEHOLD COMPOSITION	143 - 144

VALID ENTRIES

1 PERSON ADDED
2 PERSON ADDED - URE
3 PERSON UNDELETED
4 PERSON DIED
5 DELETED FOR REASON OTHER THAN DEATH
6 PERSON JOINED ARMED FORCES
7 PERSON NO LONGER IN AF
9 CHANGE IN DEMOGRAPHIC INFORMATION

PURELFLG	2	FLAG FOR RELATIONSHIP TO THE OWNER OF A BUSINESS.	145 - 146

VALID ENTRIES

0 NOT OWNER OR RELATED TO OWNER
1 OWNER OF BUS OR RELATED TO OWNER OF BUS

NAME	SIZE	DESCRIPTION	LOCATION
PULINENO	2	PERSON'S LINE NUMBER	147 - 148
		VALID ENTRIES	
		01 MIN VALUE 99 MAX VALUE	
FILLER	2	FILLER	149 - 150
PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152
		EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3	
		VALID ENTRIES	
		00 NOT A FAMILY MEMBER 01 PRIMARY FAMILY MEMBER ONLY 02 SUBFAMILY NO. 2 MEMBER 03 SUBFAMILY NO. 3 MEMBER 04 SUBFAMILY NO. 4 MEMBER 05 SUBFAMILY NO. 5 MEMBER 06 SUBFAMILY NO. 6 MEMBER 07 SUBFAMILY NO. 7 MEMBER 08 SUBFAMILY NO. 8 MEMBER 09 SUBFAMILY NO. 9 MEMBER 10 SUBFAMILY NO. 10 MEMBER 11 SUBFAMILY NO. 11 MEMBER 12 SUBFAMILY NO. 12 MEMBER 13 SUBFAMILY NO. 13 MEMBER 14 SUBFAMILY NO. 14 MEMBER 15 SUBFAMILY NO. 15 MEMBER 16 SUBFAMILY NO. 16 MEMBER 17 SUBFAMILY NO. 17 MEMBER 18 SUBFAMILY NO. 18 MEMBER 19 SUBFAMILY NO. 19 MEMBER	

NAME	SIZE	DESCRIPTION	LOCATION
PRFAMREL	2	FAMILY RELATIONSHIP RECODE	153 - 154

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

0 NOT A FAMILY MEMBER
1 REFERENCE PERSON
2 SPOUSE
3 CHILD
4 OTHER RELATIVE (PRIMARY FAMILY & UNREL)

PRFAMTYP	2	FAMILY TYPE RECODE	155 - 156

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

1 PRIMARY FAMILY
2 PRIMARY INDIVIDUAL
3 RELATED SUBFAMILY
4 UNRELATED SUBFAMILY
5 SECONDARY INDIVIDUAL

PRHSPNON	2	HISPANIC OR NON-HISPANIC	157 - 158

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

1 HISPANIC
2 NON-HIPSANIC

NAME	SIZE	DESCRIPTION	LOCATION
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION EDITED UNIVERSE: PRPERTYP = 2 0R 3 VALID ENTRIES 1 MARRIED, CIVILIAN SPOUSE PRESENT 2 MARRIED, ARMED FORCES SPOUSE PRESENT 3 MARRIED, SPOUSE ABSENT (EXC. SEPARATED) 4 WIDOWED 5 DIVORCED 6 SEPARATED 7 NEVER MARRIED	159 - 160
PRPERTYP	2	TYPE OF PERSON RECORD RECODE EDITED UNIVERSE: ALL HOUSEHOLD MEMBERS VALID ENTRIES 1 CHILD HOUSEHOLD MEMBER 2 ADULT CIVILIAN HOUSEHOLD MEMBER 3 ADULT ARMED FORCES HOUSEHOLD MEMBER	161 - 162
PENATVTY	3	COUNTRY OF BIRTH EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 VALID ENTRIES 057 UNITED STATES 072 PUERTO RICO 096 U.S. OUTLYING AREA 100-554 FOREIGN COUNTRY OR AT SEA 555 ABROAD, COUNTRY NOT KNOWN	163 - 165

NAME	SIZE	DESCRIPTION	LOCATION
PEMNTVTY	3	MOTHER'S COUNTRY OF BIRTH	166 - 168

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

057 UNITED STATES
072 PUERTO RICO
096 U.S. OUTLYING AREA
100-554 FOREIGN COUNTRY OR AT SEA
555 ABROAD, COUNTRY NOT KNOWN

PEFNTVTY	3	FATHER'S COUNTRY OF BIRTH	169 - 171

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

057 UNITED STATES
072 PUERTO RICO
096 U.S. OUTLYING AREA
100-554 FOREIGN COUNTRY OR AT SEA
555 ABROAD, COUNTRY NOT KNOWN

PRCITSHP	2	CITIZENSHIP STATUS	172 - 173

EDITED UNIVERSE:
PRPERTYP = 1, 2, 0R 3

VALID ENTRIES

1 NATIVE, BORN IN THE UNITED STATES
2 NATIVE, BORN IN PUERTO RICO OR U.S. OUTLYING AREA
3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS
4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION
5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES

NAME	SIZE	DESCRIPTION	LOCATION
PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG EDITED UNIVERSE: PRPERTYP = 1, 2, 0R 3 (SEE ALLOCATION FLAGS FOR VALUES) Placed in this position because naming convention is different from all other allocation flags.	174 - 175
PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY EDITED UNIVERSE: PRCITSHP = 2, 3, 4, OR 5 VALID ENTRIES -1 NOT IN UNIVERSE (BORN IN U.S.) 00 NOT FOREIGN BORN 01 BEFORE 1950 02 1950-1959 03 1960-1964 04 1965-1969 05 1970-1974 06 1975-1979 07 1980-1981 08 1982-1983 09 1984-1985 10 1986-1987 11 1988-1989 12 1990-1991 13 1992-1993 14 1994-1995 15 1996-1998	176 - 177

****
* STARTING JANUARY 1999 *
****

15 1996-1999

NAME	SIZE	DESCRIPTION	LOCATION
**********			
* STARTING JANUARY 2000 *			
**********			
	15	1996-1997	
	16	1998-2000	
**********			
* STARTING JANUARY 2001 *			
**********			
	16	1998	
**********			
* STARTING JANUARY 2002 *			
**********			
	16	1998-1999	
	17	2000-2002	

NAME	SIZE	DESCRIPTION	LOCATION
		A4. PERSONS INFORMATION LABOR FORCE ITEMS	
PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE VALID ENTRIES 1 SELF 2 PROXY 3 BOTH SELF AND PROXY	178 - 179
PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2 VALID ENTRIES 1 EMPLOYED-AT WORK 2 EMPLOYED-ABSENT 3 UNEMPLOYED-ON LAYOFF 4 UNEMPLOYED-LOOKING 5 NOT IN LABOR FORCE-RETIRED 6 NOT IN LABOR FORCE-DISABLED 7 NOT IN LABOR FORCE-OTHER	180 - 181
PUWK	2	LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	182 - 183
PUBUS1	2	LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM? VALID ENTRIES 1 YES 2 NO	184 - 185

NAME	SIZE	DESCRIPTION	LOCATION
PUBUS2OT	2	DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS? VALID ENTRIES 1 YES 2 NO	186 - 187
PUBUSCK1	2	CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK VALID ENTRIES 1 GOTO PUBUS1 2 GOTO PURETCK1	188 - 189
PUBUSCK2	2	CHECK ITEM 2 SKIPS OWNERS OF FAMILY BUSINES WHO DID NOT WORK LAST WEEK VALID ENTRIES 1 GOTO PUHRUSL1 2 GOTO PUBUS2	190 - 191
PUBUSCK3	2	CHECK ITEM 3 VALID ENTRIES 1 GOTO PUABSRSN 2 GOTO PULAY	192 - 193
PUBUSCK4	2	CHECK ITEM 4 VALID ENTRIES 1 GOTO PUHRUSL1 2 GOTO PUABSPD	194 - 195

NAME	SIZE	DESCRIPTION	LOCATION
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?) VALID ENTRIES 1 YES 2 NO 3 WAS NOT RETIRED LAST MONTH	196 - 197
PUDIS	2	DISABILITY STATUS (LAST MONTH YOU WERE REPORTED TO HAVE A DISABILITY.) DOES YOUR DISABILITY CONTINUE TO PREVENT YOU FROM DOING ANY KIND OF WORK FOR THE NEXT 6 MONTHS? VALID ENTRIES 1 YES 2 NO 3 DID NOT HAVE DISABILITY LAST MONTH	198 - 199
PERET1	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART-TIME? EDITED UNIVERSE: PEMLR = 5 AND (PURETOT = 1 OR (PUWK = 3 AND PEAGE >= 50) OR (PUABS = 3 AND PEAGE >= 50) OR (PULAY = 3 AND PEAGE >= 50)) VALID ENTRIES 1 YES 2 NO 3 HAS A JOB	200 - 201
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	202 - 203

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS? VALID ENTRIES 1 YES 2 NO	204 - 205
PUABSOT	2	LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	206 - 207
PULAY	2	LAST WEEK, WERE YOU ON LAYOFF FROM A JOB? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	208 - 209
PEABSRSN	2	WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK? EDITED UNIVERSE: PEMLR = 2 VALID ENTRIES 1 ON LAYOFF 2 SLACK WORK/BUSINESS CONDITIONS 3 WAITING FOR A NEW JOB TO BEGIN 4 VACATION/PERSONAL DAYS 5 OWN ILLNESS/INJURY/MEDICAL PROBLEMS 6 CHILD CARE PROBLEMS	210 - 211

NAME	SIZE	DESCRIPTION	LOCATION
		7 OTHER FAMILY/PERSONAL OBLIGATION 8 MATERNITY/PATERNITY LEAVE 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 DOES NOT WORK IN THE BUSINESS 14 OTHER (SPECIFY)	
PEABSPDO	2	ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK? EDITED UNIVERSE: PEABSRSN = 4-12, 14 VALID ENTRIES 1 YES 2 NO	212 - 213
PEMJOT	2	DO YOU HAVE MORE THAN ONE JOB? EDITED UNIVERSE: PEMLR = 1, 2 VALID ENTRIES 1 YES 2 NO	214 - 215
PEMJNUM	2	ALTOGETHER, HOW MANY JOBS DID YOU HAVE? EDITED UNIVERSE: PEMJOT = 1 VALID ENTRIES 2 2 JOBS 3 3 JOBS 4 4 OR MORE JOBS	216 - 217

NAME	SIZE	DESCRIPTION	LOCATION
PEHRUSL1	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB? EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2 VALID ENTRIES -4 HOURS VARY 0 MIN VALUE 99 MAX VALUE	218 - 219
PEHRUSL2	2	HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)? EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2 VALID ENTRIES -4 HOURS VARY 0 MIN VALUE 99 MAX VALUE	220 - 221
PEHRFTPT	2	DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK? EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4 VALID ENTRIES 1 YES 2 NO 3 HOURS VARY	222 - 223
PEHRUSLT	3	SUM OF HRUSL1 AND HRUSL2. EDITED UNIVERSE: PEMLR = 1 OR 2 VALID ENTRIES -4 VARIES 0 MIN VALUE 198 MAX VALUE	224 - 226

NAME	SIZE	DESCRIPTION	LOCATION
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME WORKWEEK OF 35 HOURS OR MORE PER WEEK? EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 PEHRFTPT = 2) VALID ENTRIES 1 YES 2 NO 3 REGULAR HOURS ARE FULL-TIME	227 - 228
PEHRRSN1	2	WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME? EDITED UNIVERSE: PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT < 35) VALID ENTRIES 1 SLACK WORK/BUSINESS CONDITIONS 2 COULD ONLY FIND PART-TIME WORK 3 SEASONAL WORK 4 CHILD CARE PROBLEMS 5 OTHER FAMILY/PERSONAL OBLIGATIONS 6 HEALTH/MEDICAL LIMITATIONS 7 SCHOOL/TRAINING 8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS 10 OTHER - SPECIFY	229 - 230

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN2	2	WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME? EDITED UNIVERSE: PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT < 35) VALID ENTRIES 1 CHILD CARE PROBLEMS 2 OTHER FAMILY/PERSONAL OBLIGATIONS 3 HEALTH/MEDICAL LIMITATIONS 4 SCHOOL/TRAINING 5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS 6 FULL-TIME WORKWEEK LESS THAN 35 HOURS 7 OTHER - SPECIFY	231 - 232
PEHRRSN3	2	WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK? EDITED UNIVERSE: PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2 (PEMLR = 1 AND PEHRUSLT = 35+) VALID ENTRIES 1 SLACK WORK/BUSINESS CONDITIONS 2 SEASONAL WORK 3 JOB STARTED OR ENDED DURING WEEK 4 VACATION/PERSONAL DAY 5 OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 HOLIDAY (LEGAL OR RELIGIOUS) 7 CHILD CARE PROBLEMS 8 OTHER FAMILY/PERSONAL OBLIGATIONS 9 LABOR DISPUTE 10 WEATHER AFFECTED JOB 11 SCHOOL/TRAINING 12 CIVIC/MILITARY DUTY 13 OTHER REASON	233 - 234

NAME	SIZE	DESCRIPTION	LOCATION
PUHROFF1	2	LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY? VALID ENTRIES 1 YES 2 NO	235 - 236
PUHROFF2	2	HOW MANY HOURS DID YOU TAKE OFF? VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	237 - 238
PUHROT1	2	LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK? VALID ENTRIES 1 YES 2 NO	239 - 240
PUHROT2	2	HOW MANY ADDITIONAL HOURS DID YOU WORK? VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	241 - 242
PEHRACT1	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB? EDITED UNIVERSE: PEMLR = 1 VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	243 - 244

NAME	SIZE	DESCRIPTION	LOCATION
PEHRACT2	2	LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOBS) EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1 VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	245 - 246
PEHRACTT	3	SUM OF PEHRACT1 AND PEHRACT2. EDITED UNIVERSE: PEMLR = 1 VALID ENTRIES 0 MIN VALUE 198 MAX VALUE	247 - 249
PEHRAVL	2	LAST WEEK, COULD YOU HAVE WORKED FULL-TIME IF THE HOURS HAD BEEN AVAILABLE? EDITED UNIVERSE: PEHRACTT = 1-34 (PEMLR = 1 AND PEHRUSLT < 35 AND PEHRRSN1 = 1, 2, 3) VALID ENTRIES 1 YES 2 NO	250 - 251
PULBHSEC	5	TOTAL SECONDS TO COMPLETE LABOR FORCE ITEMS. VALID ENTRIES 00000 MIN VALUE 99999 MAX VALUE	252 - 256

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK1	2	CHECK ITEM 1	257 - 258
		VALID ENTRIES	
		1 GOTO PUHRUSL2 2 GOTO PUHRUSLT	
PUHRCK2	2	CHECK ITEM 2 SKIPS PERSONS RESPONDING YES TO HRFTPT OUT OF PT SERIES	259 - 260
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL1 AND ENTRY OF D, R, V OR 0-34 IN HRUSL2 GOTO HRFTPT 2 IF ENTRY OF 1 IN MJ AND ENTRY OF D, R OR V IN HRUSL2 AND ENTRY OF D, R V OR 0-34 IN HRUSL1 GOTO HRFTPT 3 IF ENTRY OF 2, D OR R IN MJ AND ENTRY OF D, R OR V IN HRUSL1 GOTO HRFTPT 4 IF ENTRY OF 1 IN BUS1 AND ENTRY OF D, R OR V IN HRUSL1 THEN GOTO HRFTPT 5 ALL OTHERS GOTO HRCK3-C	
PUHRCK3	2	CHECK ITEM 3	261 - 262
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN ABSOT OR (ENTRY OR 2 IN ABSOT AND ENTRY OF 1 IN BUS AND CURRENT R_P EQUALS BUSLST) THEN GOTO HRCK8 2 IF ENTRY OF 3 IN RET1 GOTO HRCK8 3 IF ENTRY IN HRUSLT IS 0-34 HOURS GOTO HRCK4-C 4 IF ENTRY IN HRUSLT IS 35+ GOTO HROFF1 5 ALL OTHERS GOTO HRCK4-C 6 GOTO PUHRCK4	

NAME	SIZE	DESCRIPTION	LOCATION
PUHRCK4	2	CHECK ITEM 4	263 - 264
		VALID ENTRIES	
		1 IF ENTRY OF 1, D, R OR V IN HRFTPT THEN GOTO HRACT1	
		2 IF ENTRY OF 2, D OR R IN BUS2 THEN GOTO HROFF1	
		3 IF HRUSLT IS 0-34 THEN GOTO HRWANT	
		4 IF ENTRY OF 2 IN HRFTPT THEN GOTO HRWANT	
		5 ALL OTHERS GOTO HRACT1	
PUHRCK5	2	CHECK ITEM 5	265 - 266
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN MJOT GOTO HRACT2	
		2 ALL OTHERS GOTO HRCK6-C	
PUHRCK6	2	CHECK ITEM 6	267 - 268
		VALID ENTRIES	
		1 IF HRACT1 AND HRACT2 EQ 0 AND ENTRY OF 2, D, R IN BUS2 THEN GOTO LK	
		2 IF HRACT1 AND HRACT2 EQ 0 THEN STORE 1 IN ABSOT AND GOTO ABSRSN	
		3 ALL OTHERS GOTO HRACTT-C	
PUHRCK7	2	CHECK ITEM 7	269 - 270
		VALID ENTRIES	
		1 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 LESS THAN 15 OR D) GOTO HRCK8	
		2 (IF ENTRY OF 2, D OR R IN BUS2) AND (HRACT1 IS 15+) GOTO HRCK8	
		3 (IF HRUSLT IS 35+ OR IF ENTRY OF 1 IN HRFTPT) AND (HRACTT < 35) AND ENTRY IN HRACT1 OR HRACT2 ISN'T D OR R THEN GOTO HRRSN3	

NAME	SIZE	DESCRIPTION	LOCATION
		4 IF ENTRY OF 1 IN HRWANT AND HRACTT < 35 AND (ENTRY OF 1, 2, 3 IN HRRSN1) GOTO HRAVL 5 ALL OTHERS GOTO HRCK8	
PUHRCK12	2	CHECK ITEM 12 VALID ENTRIES 1 IF ENTRY OF 2, D OR R IN BUS2 AND HRACTT IS LESS THAN 15 OR D GOTO LK 2 ALL OTHERS GOTO IOCK1	271 - 272
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK? VALID ENTRIES 1 YES 2 NO	273 - 274
PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS? VALID ENTRIES 1 YES 2 NO	275 - 276
PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED? EDITED UNIVERSE: PEMLR = 3 VALID ENTRIES 1 YES 2 NO	277 - 278

NAME	SIZE	DESCRIPTION	LOCATION
PULAYAVR	2	WHY IS THAT? VALID ENTRIES 1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER	279 - 280
PELAYLK	2	EVEN THOUGH YOU ARE TO BE CALLED BACK TO WORK, HAVE YOU BEEN LOOKING FOR WORK DURING THE LAST 4 WEEKS. EDITED UNIVERSE: PELAYAVL= 1, 2 VALID ENTRIES 1 YES 2 NO	281 - 282
PELAYDUR	3	DURATION OF LAYOFF EDITED UNIVERSE: PELAYLK = 1, 2 VALID ENTRIES 1 MIN VALUE 260 MAX VALUE	283 - 285
PELAYFTO	2	FT/PT STATUS OF JOB FROM WHICH SAMPLE PERSON WAS ON LAYOFF FROM EDITED UNIVERSE: PELAYDUR = 0-120 VALID ENTRIES 1 YES 2 NO	286 - 287

NAME	SIZE	DESCRIPTION	LOCATION
PULAYCK1	2	CHECK ITEM 1 VALID ENTRIES 1 GOTO PULAYCK3 2 GOTO PULAYFT 3 GOTO PULAYDR	288 - 289
PULAYCK2	2	CHECK ITEM 2 SCREEN FOR DEPENDENT LAYOFF VALID ENTRIES 1 GOTO PULAYDR3 2 GOTO PULAYFT	290 - 291
PULAYCK3	2	CHECK ITEM 3 FILTER FOR DEPENDENT I & O VALID ENTRIES 1 MISCK = 5 GOTO IO1INT 2 I-ICR = 1 OR I-OCR = 1, GOTO IO1INT 3 ALL OTHERS GOTO SCHCK	292 - 293
PULK	2	HAVE YOU BEEN DOING ANYTHING TO FIND WORK DURING THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO 3 RETIRED 4 DISABLED 5 UNABLE TO WORK	294 - 295

NAME	SIZE	DESCRIPTION	LOCATION
PELKM1	2	WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD) EDITED UNIVERSE: PEMLR = 4 VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE	296 - 297
PULKM2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES	298 - 299

NAME	SIZE	DESCRIPTION	LOCATION
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	
PULKM3	2	SAME AS PULKM2 (THIRD METHOD)	300 - 301
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	

NAME	SIZE	DESCRIPTION	LOCATION
PULKM4	2	SAME AS PULKM2 (FOURTH METHOD)	302 - 303

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES
5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
6 SENT OUT RESUMES/FILLED OUT APPLICATION
7 CHECKED UNION/PROFESSIONAL REGISTERS
8 PLACED OR ANSWERED ADS
9 OTHER ACTIVE
10 LOOKED AT ADS
11 ATTENDED JOB TRAINING PROGRAMS/COURSES
13 OTHER PASSIVE

PULKM5	2	SAME AS PULKM2 (FIFTH METHOD)	304 - 305

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES
5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
6 SENT OUT RESUMES/FILLED OUT APPLICATION
7 CHECKED UNION/PROFESSIONAL REGISTERS
8 PLACED OR ANSWERED ADS
9 OTHER ACTIVE

NAME	SIZE	DESCRIPTION	LOCATION
		10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKM6	2	SAME AS PULKM2 (SIXTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	306 - 307
PULKDK1	2	YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION	308 - 309

NAME	SIZE	DESCRIPTION	LOCATION
		7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE	
PULKDK2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	310 - 311
PULKDK3	2	SAME AS PULKDK2 (THIRD METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES	312 - 313

NAME	SIZE	DESCRIPTION	LOCATION
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	
PULKDK4	2	SAME AS PULKDK2 (FOURTH METHOD)	314 - 315
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	

NAME	SIZE	DESCRIPTION	LOCATION
PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD)	316 - 317

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES
5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
6 SENT OUT RESUMES/FILLED OUT APPLICATION
7 CHECKED UNION/PROFESSIONAL REGISTERS
8 PLACED OR ANSWERED ADS
9 OTHER ACTIVE
10 LOOKED AT ADS
11 ATTENDED JOB TRAINING PROGRAMS/COURSES
13 OTHER PASSIVE

PULKDK6	2	SAME AS PULKDK2 (SIXTH METHOD)	318 - 319

VALID ENTRIES

1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW
2 CONTACTED PUBLIC EMPLOYMENT AGENCY
3 CONTACTED PRIVATE EMPLOYMENT AGENCY
4 CONTACTED FRIENDS OR RELATIVES
5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER
6 SENT OUT RESUMES/FILLED OUT APPLICATION
7 CHECKED UNION/PROFESSIONAL REGISTERS
8 PLACED OR ANSWERED ADS
9 OTHER ACTIVE

NAME	SIZE	DESCRIPTION	LOCATION
		10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKPS1	2	CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 12 NOTHING 13 OTHER PASSIVE	320 - 321
PULKPS2	2	ANYTHING ELSE? (SECOND METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	322 - 323

NAME	SIZE	DESCRIPTION	LOCATION
		6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	
PULKPS3	2	SAME AS PULKPS2 (THIRD METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	324 - 325
PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES	326 - 327

NAME	SIZE	DESCRIPTION	LOCATION
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	
PULKPS5	2	SAME AS PULKPS2 (FIFTH METHOD)	328 - 329
		VALID ENTRIES	
		1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW	
		2 CONTACTED PUBLIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	
		5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER	
		6 SENT OUT RESUMES/FILLED OUT APPLICATION	
		7 CHECKED UNION/PROFESSIONAL REGISTERS	
		8 PLACED OR ANSWERED ADS	
		9 OTHER ACTIVE	
		10 LOOKED AT ADS	
		11 ATTENDED JOB TRAINING PROGRAMS/COURSES	
		13 OTHER PASSIVE	

NAME	SIZE	DESCRIPTION	LOCATION
PULKPS6	2	SAME AS PULKPS2 (SIXTH METHOD) VALID ENTRIES 1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW 2 CONTACTED PUBLIC EMPLOYMENT AGENCY 3 CONTACTED PRIVATE EMPLOYMENT AGENCY 4 CONTACTED FRIENDS OR RELATIVES 5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER 6 SENT OUT RESUMES/FILLED OUT APPLICATION 7 CHECKED UNION/PROFESSIONAL REGISTERS 8 PLACED OR ANSWERED ADS 9 OTHER ACTIVE 10 LOOKED AT ADS 11 ATTENDED JOB TRAINING PROGRAMS/COURSES 13 OTHER PASSIVE	330 - 331
PELKAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? EDITED UNIVERSE: PELKM1 = 1 - 13 VALID ENTRIES 1 YES 2 NO	332 - 333
PULKAVR	2	WHY IS THAT? VALID ENTRIES 1 WAITING FOR NEW JOB TO BEGIN 2 OWN TEMPORARY ILLNESS 3 GOING TO SCHOOL 4 OTHER - SPECIFY	334 - 335

NAME	SIZE	DESCRIPTION	LOCATION
PELKLL1O	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE? EDITED UNIVERSE: PELKAVL = 1-2 VALID ENTRIES 1 WORKING 2 SCHOOL 3 LEFT MILITARY SERVICE 4 SOMETHING ELSE	336 - 337
PELKLL2O	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED? EDITED UNIVERSE: PELKLL1O = 1 OR 3 VALID ENTRIES 1 LOST JOB 2 QUIT JOB 3 TEMPORARY JOB ENDED	338 - 339
PELKLWO	2	WHEN LAST WORKED EDITED UNIVERSE: PELKLL1O = 1 - 4 VALID ENTRIES 1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	340 - 341
PELKDUR	3	DURATION OF JOB SEEKING EDITED UNIVERSE: PELKLWO = 1 - 3 VALID ENTRIES 0 MIN VALUE 999 MAX VALUE	342 - 344

NAME	SIZE	DESCRIPTION	LOCATION
PELKFTO	2	FT/PT STATUS OF JOBSEEKER EDITED UNIVERSE: PELKDUR = 0-120 VALID ENTRIES 1 YES 2 NO 3 DOESN'T MATTER	345 - 346
PEDWWNTO	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME? EDITED UNIVERSE: PUDWCK1 = 3, 4, -1 VALID ENTRIES 1 YES, OR MAYBE, IT DEPENDS 2 NO 3 RETIRED 4 DISABLED 5 UNABLE	347 - 348
PEDWRSN	2	WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS? EDITED UNIVERSE: PUDWCK4 = 4, -1 VALID ENTRIES 1 BELIEVES NO WORK AVAILABLE IN AREA OF EXPERTISE 2 COULDN'T FIND ANY WORK 3 LACKS NECESSARY SCHOOLING/TRAINING 4 EMPLOYERS THINK TOO YOUNG OR TOO OLD 5 OTHER TYPES OF DISCRIMINATION 6 CAN'T ARRANGE CHILD CARE 7 FAMILY RESPONSIBILITIES 8 IN SCHOOL OR OTHER TRAINING 9 ILL-HEALTH, PHYSICAL DISABILITY	349 - 350

NAME	SIZE	DESCRIPTION	LOCATION
		10 TRANSPORTATION PROBLEMS 11 OTHER - SPECIFY	
PEDWLKO	2	DID YOU LOOK FOR WORK AT ANY TIME IN THE LAST 12 MONTHS EDITED UNIVERSE: (PUDWCK4 = 1-3) or (PEDWRSN = 1-11) VALID ENTRIES 1 YES 2 NO	351 - 352
PEDWWK	2	DID YOU ACTUALLY WORK AT A JOB OR BUSINESS DURING THE LAST 12 MONTHS? EDITED UNIVERSE: PEDWLKO = 1 VALID ENTRIES 1 YES 2 NO	353 - 354
PEDW4WK	2	DID YOU DO ANY OF THIS WORK DURING THE LAST 4 WEEKS? EDITED UNIVERSE: PEDWWK = 1 VALID ENTRIES 1 YES 2 NO	355 - 356
PEDWLKWK	2	SINCE YOU LEFT THAT JOB OR BUSINESS HAVE YOU LOOKED FOR WORK? EDITED UNIVERSE: PEDW4WK = 2 VALID ENTRIES 1 YES 2 NO	357 - 358

NAME	SIZE	DESCRIPTION	LOCATION
PEDWAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED? EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1) VALID ENTRIES 1 YES 2 NO	359 - 360
PEDWAVR	2	WHY IS THAT? EDITED UNIVERSE: PEDWAVL = 2 VALID ENTRIES 1 OWN TEMPORARY ILLNESS 2 GOING TO SCHOOL 3 OTHER	361 - 362
PUDWCK1	2	SCREEN FOR DISCOURAGED WORKERS VALID ENTRIES 1 IF ENTRY OF 2 IN BUS2 GOTO PUSCHCK 2 IF ENTRY OF 3 ON ABSRSN GOTO PUNLFCK1 3 IF ENTRY OF 1 IN RET1, STORE 1 IN DWWNTO AND GOTO PUDWCK4 4 ALL OTHERS GOTO PUDWWNT	363 - 364
PUDWCK2	2	SCREEN FOR DISABLED VALID ENTRIES 1 IF ENTRY IN DIS1 OR DIS2 GOTO PUJHCK1-C 2 IF ENTRY OF 4 IN DWWNT GOTO PUDIS1 3 IF ENTRY OF 5 IN DWWNT GOTO PUDIS2 4 ALL OTHERS GOTO PUDWCK4	365 - 366

NAME	SIZE	DESCRIPTION	LOCATION
PUDWCK3	2	FILTER FOR RETIRED VALID ENTRIES 1 IF AGERNG EQUALS 1-4 OR 9 GOTO PUDWCK4 2 ALL OTHERS GOTO PUNLFCK2	367 - 368
PUDWCK4	2	FILTER FOR PASSIVE JOB SEEKERS VALID ENTRIES 1 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKM1-LKM3 GOTO PUDWCK5 2 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKDK1-LKDK3 GOTO PUDWCK5 3 IF ENTRY OF 10 AND/OR 11 AND/OR 13 ONLY IN LKPS1-LKPS3 GOTO PUDWCK5 4 ALL OTHERS GOTO PUDWRSN	369 - 370
PUDWCK5	2	FILTER FOR PASSIVE JOB SEEKERS VALID ENTRIES 1 IF ENTRY OF 1 IN LK THEN STORE 1 IN DWLKO AND GOTO PUDWWK 2 ALL OTHERS GOTO PUDWLK	371 - 372
PEJHWKO	2	HAVE YOU WORKED AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST 12 MONTHS? EDITED UNIVERSE: HRMIS = 4 or 8 AND PEMLR = 5, 6, AND 7 VALID ENTRIES 1 YES 2 NO	373 - 374

NAME	SIZE	DESCRIPTION	LOCATION
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS? VALID ENTRIES 1 YES 2 NO	375 - 376
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB? EDITED UNIVERSE: PEJHWKO = 1 VALID ENTRIES 1 PERSONAL/FAMILY (INCLUDING PREGNANCY) 2 RETURN TO SCHOOL 3 HEALTH 4 RETIREMENT OR OLD AGE 5 TEMP, SEASONAL OR INTERMITTENT JOB COMPLETE 6 SLACK WORK/BUSINESS CONDITIONS 7 UNSATISFACTORY WORK ARRANGEMENTS (HRS, PAY, ETC.) 8 OTHER - SPECIFY	377 - 378
PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS? EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8) VALID ENTRIES 1 YES, OR IT DEPENDS 2 NO	379 - 380

NAME	SIZE	DESCRIPTION	LOCATION
PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS	381 - 382
		VALID ENTRIES	
		1 PURET1 = 1, -2, OR -3 THEN GOTO NLFCK2	
		2 IF MISCK EQUALS 4 OR 8 THEN GOTO PUJHCK2	
		3 ALL OTHERS GOTO PUNLFCK1	
PUJHCK2	2	FILTER FOR PERSONS GOING THROUGH THE I AND O SERIES	383 - 384
		VALID ENTRIES	
		1 IF ENTRY OF 1 IN DWWK AND I-MLR= 3, 4 THEN STORE 1 IN JHWKO, STORE DW4WK IN JHDP1O AND GOTO PUJHRSN	
		2 IF ENTRY OF 2, D OR R IN DWWK THEN STORE DWWK IN JHWKO AND GOTO PUJHWANT	
		3 ALL OTHERS GOTO PUJHWK	
PRABSREA	2	REASON NOT AT WORK AND PAY STATUS	385 - 386
		EDITED UNIVERSE: PEMLR = 2	
		VALID ENTRIES	
		1 FT PAID-VACATION	
		2 FT PAID-OWN ILLNESS	
		3 FT PAID-CHILD CARE PROBLEMS	
		4 FT PAID-OTHER FAMILY/PERSONAL OBLIG.	
		5 FT PAID-MATERNITY/PATERNITY LEAVE	
		6 FT PAID-LABOR DISPUTE	
		7 FT PAID-WEATHER AFFECTED JOB	
		8 FT PAID-SCHOOL/TRAINING	
		9 FT PAID-CIVIC/MILITARY DUTY	
		10 FT PAID-OTHER	
		11 FT UNPAID-VACATION	
		12 FT UNPAID-OWN ILLNESS	
		13 FT UNPAID-CHILD CARE PROBLEMS	
		14 FT UNPAID-OTHER FAM/PERSONAL OBLIGATION	

NAME	SIZE	DESCRIPTION	LOCATION
		15 FT UNPAID-MATERNITY/PATERNITY LEAVE	
		16 FT UNPAID-LABOR DISPUTE	
		17 FT UNPAID-WEATHER AFFECTED JOB	
		18 FT UNPAID-SCHOOL/TRAINING	
		19 FT UNPAID-CIVIC/MILITARY DUTY	
		20 FT UNPAID-OTHER	
		21 PT PAID-VACATION	
		22 PT PAID-OWN ILLNESS	
		23 PT PAID-CHILD CARE PROBLEMS	
		24 PT PAID-OTHER FAMILY/PERSONAL OBLIG.	
		25 PT PAID-MATERNITY/PATERNITY LEAVE	
		26 PT PAID-LABOR DISPUTE	
		27 PT PAID-WEATHER AFFECTED JOB	
		28 PT PAID-SCHOOL/TRAINING	
		29 PT PAID-CIVIC/MILITARY DUTY	
		30 PT PAID-OTHER	
		31 PT UNPAID-VACATION	
		32 PT UNPAID-OWN ILLNESS	
		33 PT UNPAID-CHILD CARE PROBLEMS	
		34 PT UNPAID-OTHER FAM/PERSONAL OBLIGATION	
		35 PT UNPAID-MATERNITY/PATERNITY LEAVE	
		36 PT UNPAID-LABOR DISPUTE	
		37 PT UNPAID-WEATHER AFFECTED JOB	
		38 PT UNPAID-SCHOOL/TRAINING	
		39 PT UNPAID-CIVIC/MILITARY DUTY	
		40 PT UNPAID-OTHER	
PRCIVLF	2	CIVILIAN LABOR FORCE	387 - 388

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

01 IN CIVILIAN LABOR FORCE
02 NOT IN CIVILIAN LABOR FORCE

NAME	SIZE	DESCRIPTION	LOCATION
PRDISC	2	DISCOURAGED WORKER RECODE	389 - 390

EDITED UNIVERSE:
PRJOBSEA = 1-4

VALID ENTRIES

1 DISCOURAGED WORKER
2 CONDITIONALLY INTERESTED
3 NOT AVAILABLE

PREMPHRS	2	REASON NOT AT WORK OR HOURS AT WORK	391 - 392

EDITED UNIVERSE:
PEMLR = 1-7

VALID ENTRIES

0 UNEMPLOYED AND NILF
1 W/JOB, NOT AT WORK-ILLNES
2 W/JOB, NOT AT WORK-VACATION
3 W/JOB, NOT AT WORK-WEATHER AFFECTED JOB
4 W/JOB, NOT AT WORK-LABOR DISPUTE
5 W/JOB, NOT AT WORK-CHILD CARE PROBLEMS
6 W/JOB, NOT AT WORK-FAM/PERS OBLIGATION
7 W/JOB, NOT AT WORK-MATERNITY/PATERNITY
8 W/JOB, NOT AT WORK-SCHOOL/TRAINING
9 W/JOB, NOT AT WORK-CIVIC/MILITARY DUTY
10 W/JOB, NOT AT WORK-DOES NOT WORK IN BUS
11 W/JOB, NOT AT WORK-OTHER
12 AT WORK- 1-4 HRS
13 AT WORK- 5-14 HRS
14 AT WORK- 15-21 HRS
15 AT WORK- 22-29 HRS
16 AT WORK- 30-34 HRS
17 AT WORK- 35-39 HRS
18 AT WORK- 40 HRS
19 AT WORK- 41-47 HRS
20 AT WORK- 48 HRS

NAME	SIZE	DESCRIPTION	LOCATION
		21 AT WORK- 49-59 HRS 22 AT WORK- 60 HRS OR MORE	
PREMPNOT	2	MLR - EMPLOYED, UNEMPLOYED, OR NILF EDITED UNIVERSE: PEMLR = 1-7 VALID ENTRIES 1 EMPLOYED 2 UNEMPLOYED 3 NOT IN LABOR FORCE (NILF)-discouraged 4 NOT IN LABOR FORCE (NILF)-other	393 - 394
PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT EDITED UNIVERSE: PEMLR = 1-4 AND PELKLWO ne 3 VALID ENTRIES 1 EMPLOYED 2 UNEMPLOYED	395 - 396
PRFTLF	2	FULL TIME LABOR FORCE EDITED UNIVERSE: PEMLR = 1-4 VALID ENTRIES 1 FULL TIME LABOR FORCE 2 PART TIME LABOR FORCE	397 - 398

NAME	SIZE	DESCRIPTION	LOCATION
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400

EDITED UNIVERSE:
PEMLR = 1-2

VALID ENTRIES

1 0-20 HRS
2 21-34 HRS
3 35-39 HRS
4 40 HRS
5 41-49 HRS
6 50 OR MORE HRS
7 VARIES-FULL TIME
8 VARIES-PART TIME

PRJOBSEA	2	JOB SEARCH RECODE	401 - 402

EDITED UNIVERSE:
PRWNTJOB = 1

VALID ENTRIES

1 LOOKED LAST 4 WEEKS - NOT WORKED
2 LOOKED LAST 4 WEEKS - WORKED
3 LOOKED LAST 4 WEEKS - LAYOFF
4 UNAVAILABLE JOB SEEKERS
5 NO RECENT JOB SEARCH

PRPTHRS	2	AT WORK 1-34 BY HOURS AT WORK	403 - 404

EDITED UNIVERSE:
PEMLR = 1 AND
PEHRACTT = 1-34

VALID ENTRIES

0 USUALLY FT, PT FOR NONECONOMIC REASONS
1 USU.FT, PT ECON REASONS; 1-4 HRS
2 USU.FT, PT ECON REASONS; 5-14 HRS
3 USU.FT, PT ECON REASONS; 15-29 HRS
4 USU.FT, PT ECON REASONS; 30-34 HRS
5 USU.PT, ECON REASONS; 1-4 HRS

NAME	SIZE	DESCRIPTION	LOCATION
		6 USU.PT, ECON REASONS; 5-14 HRS 7 USU.PT, ECON REASONS; 15-29 HRS 8 USU.PT, ECON REASONS; 30-34 HRS 9 USU.PT, NON-ECON REASONS; 1-4 HRS 10 USU.PT, NON-ECON REASONS; 5-14 HRS 11 USU.PT, NON-ECON REASONS; 15-29 HRS 12 USU.PT, NON-ECON REASONS; 30-34 HRS	
PRPTREA	2	DETAILED REASON FOR PART-TIME EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 OR PEHRACTT = 1-34) VALID ENTRIES 1 USU. FT-SLACK WORK/BUSINESS CONDITIONS 2 USU. FT-SEASONAL WORK 3 USU. FT-JOB STARTED/ENDED DURING WEEK 4 USU. FT-VACATION/PERSONAL DAY 5 USU. FT-OWN ILLNESS/INJURY/MEDICAL APPOINTMENT 6 USU. FT-HOLIDAY (RELIGIOUS OR LEGAL) 7 USU. FT-CHILD CARE PROBLEMS 8 USU. FT-OTHER FAM/PERS OBLIGATIONS 9 USU. FT-LABOR DISPUTE 10 USU. FT-WEATHER AFFECTED JOB 11 USU. FT-SCHOOL/TRAINING 12 USU. FT-CIVIC/MILITARY DUTY 13 USU. FT-OTHER REASON 14 USU. PT-SLACK WORK/BUSINESS CONDITIONS 15 USU. PT-COULD ONLY FIND PT WORK 16 USU. PT-SEASONAL WORK 17 USU. PT-CHILD CARE PROBLEMS 18 USU. PT-OTHER FAM/PERS OBLIGATIONS 19 USU. PT-HEALTH/MEDICAL LIMITATIONS	405 - 406

NAME	SIZE	DESCRIPTION	LOCATION
		20 USU. PT-SCHOOL/TRAINING 21 USU. PT-RETIRED/S.S. LIMIT ON EARNINGS 22 USU. PT-WORKWEEK <35 HOURS 23 USU. PT-OTHER REASON	
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS EDITED UNIVERSE: PEMLR = 3-4 VALID ENTRIES 0 MIN VALUE 999 MAX VALUE	407 - 409
PRUSFTPT	2	USUAL FULLTIME/PARTTIME STATUS EDITED UNIVERSE: PEMLR = 1-2 VALID ENTRIES 1 FULL TIME 2 PART TIME 3 STATUS UNKNOWN	410 - 411
PRUNTYPE	2	REASON FOR UNEMPLOYMENT EDITED UNIVERSE: PEMLR = 3-4 VALID ENTRIES 1 JOB LOSER/ON LAYOFF 2 OTHER JOB LOSER 3 TEMPORARY JOB ENDED 4 JOB LEAVER 5 RE-ENTRANT 6 NEW-ENTRANT	412 - 413

NAME	SIZE	DESCRIPTION	LOCATION
PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST	414 - 415

EDITED UNIVERSE: PEMLR = 1 - 7

VALID ENTRIES

0 NOT IN LABOR FORCE
1 AT WORK
2 WITH JOB, NOT AT WORK
3 UNEMPLOYED, SEEKS FT
4 UNEMPLOYED, SEEKS PT

PRWKSTAT	2	FULL/PART-TIME WORK STATUS	416 - 417

EDITED UNIVERSE: PEMLR = 1-7

VALID ENTRIES

1 NOT IN LABOR FORCE
2 FT HOURS (35+), USUALLY FT
3 PT FOR ECONOMIC REASONS, USUALLY FT
4 PT FOR NON-ECONOMIC REASONS, USUALLY FT
5 NOT AT WORK, USUALLY FT
6 PT HRS, USUALLY PT FOR ECONOMIC REASONS
7 PT HRS, USUALLY PT FOR NON-ECONOMIC REASONS
8 FT HOURS, USUALLY PT FOR ECONOMIC REASONS
9 FT HOURS, USUALLY PT FOR NON-ECONOMIC
10 NOT AT WORK, USUALLY PART-TIME
11 UNEMPLOYED FT
12 UNEMPLOYED PT

NAME	SIZE	DESCRIPTION	LOCATION
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF	418 - 419
		EDITED UNIVERSE: PEMLR = 5-7	
		VALID ENTRIES	
		1 WANT A JOB 2 OTHER NOT IN LABOR FORCE	
PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
		VALID ENTRIES	
		1 IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1 2 ALL OTHERS GOTO PUJHRSN	
PUJHCK4	2	SCREEN FOR DEPENDENT NILF	422 - 423
		VALID ENTRIES	
		1 IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP1O THEN GOTO PUJHCK5 2 IF ENTRY OF 1 IN PUDW4WK OR IN PUJHDP10 THEN GOTO PUIO1INT 3 IF I-MLR EQUALS 1 OR 2 AND ENTRY IN PUJHRSN THEN GOTO PUJHCK5 4 IF ENTRY IN PUJHRSN THEN GOTO PUIO1INT 5 ALL OTHERS GOTO PUNLFCK1	
PUJHCK5	2	SCREEN FOR DEPENDENT NILF	424 - 425
		VALID ENTRIES	
		1 IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT 2 ALL OTHERS GOTO PUIOCK5	

NAME	SIZE	DESCRIPTION	LOCATION
PUIODP1	2	LAST MONTH, IT WAS REPORTED THAT YOU WORKED FOR (EMPLOYER'S NAME). DO STILL WORK FOR (EMPLOYER'S NAME) (AT YOUR MAIN JOB)? VALID ENTRIES 1 YES 2 NO	426 - 427
PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH? VALID ENTRIES 1 YES 2 NO	428 - 429
PUIODP3	2	LAST MONTH YOU WERE REPORTED AS (A/AN) (OCCUPATION) AND YOUR USUAL ACTIVITIES WERE (DESCRIPTION). IS THIS AN ACCURATE DESCRIPTION OF YOUR CURRENT JOB? VALID ENTRIES 1 YES 2 NO	430 - 431

NAME	SIZE	DESCRIPTION	LOCATION
PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB NOTE: A PEIO1COW CODE CAN BE ASSIGNED EVEN IF AN INDIVIDUAL IS NOT CURRENTLY EMPLOYED. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO = 1) VALID ENTRIES 1 GOVERNMENT - FEDERAL 2 GOVERNMENT - STATE 3 GOVERNMENT - LOCAL 4 PRIVATE, FOR PROFIT 5 PRIVATE, NONPROFIT 6 SELF-EMPLOYED, INCORPORATED 7 SELF-EMPLOYED, UNINCORPORATED 8 WITHOUT PAY	432 - 433
PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? VALID ENTRIES 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	434 - 435

NAME	SIZE	DESCRIPTION	LOCATION
PEIO1ICD	3	INDUSTRY CODE FOR PRIMARY JOB EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO=1) VALID ENTRIES 0 MIN VALUE 999 MAX VALUE	436 - 438
PEIO1OCD	3	OCCUPATION CODE FOR PRIMARY JOB. EDITED UNIVERSE: (PEMLR = 1-3) OR (PEMLR = 4 AND PELKLWO = 1-2) OR (PEMLR = 5 AND (PENLFJH = 1 OR PEJHWKO = 1)) OR (PEMLR = 6 AND PENLFJH = 1) OR (PEMLR = 7 AND PEJHWKO = 1) VALID ENTRIES 0 MIN VALUE 999 MAX VALUE	439 - 441

NAME	SIZE	DESCRIPTION	LOCATION
PEIO2COW	2	INDIVIDUAL CLASS OF WORKER ON SECOND JOB. NOTE: FOR THOSE SELF-EMPLOYED UNINCORPORATED ON THEIR FIRST JOB, THIS SHOULD HAVE A RESPONSE EVERY MONTH. FOR ALL OTHERS, THIS SHOULD ONLY HAVE A VALUE IN OUT-GOING ROTATIONS. EDITED UNIVERSE: PEMJOT = 1 AND (HRMIS = 4,8 OR PEIO1COW = 7,8) VALID ENTRIES 1 GOVERNMENT - FEDERAL 2 GOVERNMENT - STATE 3 GOVERNMENT - LOCAL 4 PRIVATE, FOR PROFIT 5 PRIVATE, NONPROFIT 6 SELF-EMPLOYED, INCORPORATED 7 SELF-EMPLOYED, UNINCORPORATED 8 WITHOUT PAY 9 UNKNOWN 10 GOVERNMENT, LEVEL UNKNOWN 11 SELF-EMPLOYED, INCORP. STATUS UNKNOWN	442 - 443
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE? VALID ENTRIES 1 MANUFACTURING 2 RETAIL TRADE 3 WHOLESALE TRADE 4 SOMETHING ELSE	444 - 445

NAME	SIZE	DESCRIPTION	LOCATION
PEIO2ICD	3	INDUSTRY CODE FOR SECOND JOB. EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 0 MIN VALUE 999 MAX VALUE	446 - 448
PEIO2OCD	3	OCCUPATION CODE FOR SECOND JOB. EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 0 MIN VALUE 999 MAX VALUE	449 - 451
PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O VALID ENTRIES 1 IF {MISCK EQ 1 OR 5) OR MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND ENTRY OF 1 IN ABS} THEN GOTO PUIO1INT 2 IF (MISCK EQ 1 OR 5) OR {(MISCK EQ 2-4, 6-8 AND I-MLR EQ 3-7) AND (ENTRY OF 1 IN WK OR HRCK7-C IS BLANK, 1-3)}= GOTO PUIO1INT 3 IF I-IO1NAM IS D, R OR BLANK THEN GOTO PUIO1INT 4 ALL OTHERS GOTO PUIODP1	452 - 453

NAME	SIZE	DESCRIPTION	LOCATION
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES VALID ENTRIES 1 IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND 2 IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC 3 ALL OTHERS GOTO PUIODP2	454 - 455
PUIOCK3	2	I & O CHECK ITEM 3 VALID ENTRIES 1 IF I-IO1OCC EQUALS D, R OR BLANK THEN GOTO PUIO1OCC 2 IF I-IO1DT1 IS D, R OR BLANK THEN GOTO PUIO1OCC 3 ALL OTHERS GOTO PUIODP3	456 - 457
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG EDITED UNIVERSE: PEMLR = 1-3, OR (PEMLR = 4 AND PELKLWO = 1 OR 2) OR (PEMLR = 5 AND (PEJHWKO = 1 OR PENLFJH=1), OR (PEMLR = 6 AND PENLFJH = 1), OR PEMLR = 7 AND PEJHWKO = 1) VALID ENTRIES 0 NOT ELIGIBLE FOR EDIT 1 ELIGIBLE FOR EDIT	458 - 459

NAME	SIZE	DESCRIPTION	LOCATION
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 AGRICULTURAL 2 NON-AGRICULTURAL	460 - 461
PRCOW1	2	CLASS OF WORKER RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 FEDERAL GOVT 2 STATE GOVT 3 LOCAL GOVT 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5 SELF-EMPLOYED, UNINCORP. 6 WITHOUT PAY	462 - 463
PRCOW2	2	CLASS OF WORKER RRECODE - JOB 2 EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8 VALID ENTRIES 1 FEDERAL GOVT 2 STATE GOVT 3 LOCAL GOVT 4 PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5 SELF-EMPLOYED, UNINCORP. 6 WITHOUT PAY	464 - 465

NAME	SIZE	DESCRIPTION	LOCATION
PRCOWPG	2	COW - PRIVATE OR GOVERNMENT	466 - 467

EDITED UNIVERSE:
PEIO1COW = 1 - 5

VALID ENTRIES

1 PRIVATE
2 GOVERNMENT

PRDTCOW1	2	DETAILED CLASS OF WORKER RECODE - JOB 1	468 - 469

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1 AGRI., WAGE & SALARY, PRIVATE
2 AGRI., WAGE & SALARY, GOVERNMENT
3 AGRI., SELF-EMPLOYED
4 AGRI., UNPAID
5 NONAG, WS, PRIVATE, PRIVATE HHLDS
6 NONAG, WS, PRIVATE, OTHER PRIVATE
7 NONAG, WS, GOVT, FEDERAL
8 NONAG, WS, GOVT, STATE
9 NONAG, WS, GOVT, LOCAL
10 NONAG, SELF-EMPLOYED
11 NONAG, UNPAID

PRDTCOW2	2	DETAILED CLASS OF WORKER RECODE - JOB 2	470 - 471

EDITED UNIVERSE:
PRIOELG = 1 AND PEMJOT = 1 AND HRMIS =
4 OR 8

VALID ENTRIES

1 AGRI., WAGE & SALARY, PRIVATE
2 AGRI., WAGE & SALARY, GOVERNMENT
3 AGRI., SELF-EMPLOYED
4 AGRI., UNPAID
5 NONAG, WS, PRIVATE, PRIVATE HHLDS
6 NONAG, WS, PRIVATE, OTHER PRIVATE
7 NONAG, WS, GOVT, FEDERAL
8 NONAG, WS, GOVT, STATE
9 NONAG, WS, GOVT, LOCAL

NAME	SIZE	DESCRIPTION	LOCATION
		10 NONAG, SELF-EMPLOYED 11 NONAG, UNPAID	
PRDTIND1	2	DETAILED INDUSTRY RECODE - JOB 1	472 - 473

EDITED UNIVERSE:
PRIOELG = 1

VALID ENTRIES

1 GOODS PRODUCING-AGRICULTURAL SERVICES
2 GOODS PRODUCING-OTHER AGRICULTURAL
3 MINING
4 CONSTRUCTION
5 MFG-LUMBER & WOOD PRODS, EX FURNITURE
6 MFG-FURNITURE & FIXTURES
7 MFG-STONE, CLAY, CONCRETE, GLASS PRODS
8 MFG-PRIMARY METALS
9 MFG-FABRICATED METALS
10 MFG-NOT SPECIFIED METAL INDUSTRIES
11 MFG-MACHINERY, EX ELECTRICAL
12 MFG-ELECTRICAL MACHINERY, EQUIP SUPPLIES
13 MFG-MOTOR VEHICLES & EQUIP
14 MFG-AIRCRAFT & PARTS
15 MFG-OTHER TRANSPORTATION EQUIPMENT
16 MFG-PROFESSIONAL & PHOTO EQUIP, WATCHES
17 MFG-TOYS, AMUSEMENT & SPORTING GOODS
18 MFG-MISC & NEC MFG INDUSTRIES
19 MFG-FOOD & KINDRED PRODS
20 MFG-TOBACCO PRODS
21 MFG-TEXTILE MILL PRODS
22 MFG-APPAREL & OTHER FINISHED TEXTILE PR
23 MFG-PAPER & ALLIED PRODUCTS
24 MFG-PRINTING, PUBLISHING & ALLIED INDS
25 MFG-CHEMICALS & ALLIED PRODS

NAME	SIZE	DESCRIPTION	LOCATION
		26 MFG-PETROLEUM & COAL PRODS	
		27 MFG-RUBBER & MISC PLASTIC PRODS	
		28 MFG-LEATHER & LEATHER PRODS	
		29 TRANSPORTATION	
		30 COMMUNICATIONS	
		31 UTILITIES & SANITARY SERVICES	
		32 WHOLESALE TRADE	
		33 EATING AND DRINKING PLACES	
		34 OTHER RETAIL TRADE	
		35 BANKING AND OTHER FINANCE	
		36 INSURANCE AND REAL ESTATE	
		37 PRIVATE HOUSEHOLD SERVICES	
		38 BUSINESS SERVICES	
		39 AUTOMOBILE AND REPAIR SERVICES	
		40 PERSONAL SERV EXC PRIVATE HOUSEHOLDS	
		41 ENTERTAINMENT & RECREATION SERVICES	
		42 HOSPITALS	
		43 HEALTH SERVICES, EXC. HOSPITALS	
		44 EDUCATIONAL SERVICES	
		45 SOCIAL SERVICES	
		46 OTHER PROFESSIONAL SERVICES	
		47 FORESTRY & FISHERIES	
		48 JUSTICE, PUBLIC ORDER & SAFETY	
		49 ADMIN OF HUMAN RESOURCE PROGRAMS	
		50 NATIONAL SECURITY & INTERNAL AFFAIRS	
		51 OTHER PUBLIC ADMINISTRATION	
		52 ARMED FORCES	
PRDTIND2	2	DETAILED INDUSTRY RECODE - JOB 2	474 - 475
		EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8	
		VALID ENTRIES	
		1 GOODS PRODUCING-AGRICULTURAL SERVICES	
		2 GOODS PRODUCING-OTHER AGRICULTURAL	
		3 MINING	
		4 CONSTRUCTION	

NAME	SIZE	DESCRIPTION	LOCATION
	5	MFG-LUMBER & WOOD PRODS, EX FURNITURE	
	6	MFG-FURNITURE & FIXTURES	
	7	MFG-STONE, CLAY, CONCRETE, GLASS PRODS	
	8	MFG-PRIMARY METALS	
	9	MFG-FABRICATED METALS	
	10	MFG-NOT SPECIFIED METAL INDUSTRIES	
	11	MFG-MACHINERY, EX ELECTRICAL	
	12	MFG-ELECTRICAL MACHINERY, EQUIP SUPPLIES	
	13	MFG-MOTOR VEHICLES & EQUIP	
	14	MFG-AIRCRAFT & PARTS	
	15	MFG-OTHER TRANSPORTATION EQUIPMENT	
	16	MFG-PROFESSIONAL & PHOTO EQUIP, WATCHES	
	17	MFG-TOYS, AMUSEMENT & SPORTING GOODS	
	18	MFG-MISC & NEC MFG INDUSTRIES	
	19	MFG-FOOD & KINDRED PRODS	
	20	MFG-TOBACCO PRODS	
	21	MFG-TEXTILE MILL PRODS	
	22	MFG-APPAREL & OTHER FINISHED TEXTILE PR	
	23	MFG-PAPER & ALLIED PRODUCTS	
	24	MFG-PRINTING, PUBLISHING & ALLIED INDS	
	25	MFG-CHEMICALS & ALLIED PRODS	
	26	MFG-PETROLEUM & COAL PRODS	
	27	MFG-RUBBER & MISC PLASTIC PRODS	
	28	MFG-LEATHER & LEATHER PRODS	
	29	TRANSPORTATION	
	30	COMMUNICATIONS	
	31	UTILITIES & SANITARY SERVICES	
	32	WHOLESALE TRADE	
	33	EATING AND DRINKING PLACES	
	34	OTHER RETAIL TRADE	
	35	BANKING AND OTHER FINANCE	
	36	INSURANCE AND REAL ESTATE	
	37	PRIVATE HOUSEHOLD SERVICES	
	38	BUSINESS SERVICES	
	39	AUTOMOBILE AND REPAIR SERVICES	
	40	PERSONAL SERV EXC PRIVATE HOUSEHOLDS	

NAME	SIZE	DESCRIPTION	LOCATION
		41 ENTERTAINMENT & RECREATION SERVICES 42 HOSPITALS 43 HEALTH SERVICES, EXC. HOSPITALS 44 EDUCATIONAL SERVICES 45 SOCIAL SERVICES 46 OTHER PROFESSIONAL SERVICES 47 FORESTRY & FISHERIES 48 JUSTICE, PUBLIC ORDER & SAFETY 49 ADMIN OF HUMAN RESOURCE PROGRAMS 50 NATIONAL SECURITY & INTERNAL AFFAIRS 51 OTHER PUBLIC ADMINISTRATION 52 ARMED FORCES	
PRDTOCC1	2	DETAILED OCCUPATION RECODE - JOB 1 EDITED UNIVERSE: PRIOELG = 1 VALID ENTRIES 1 OFFICIALS & ADMINISTRATORS, PUBLIC ADMIN. 2 OTHER EXECUTIVE, ADMIN. & MANAGERIAL 3 MANAGEMENT RELATED OCCUPATIONS 4 ENGINEERS 5 MATHEMATICAL AND COMPUTER SCIENTISTS 6 NATURAL SCIENTISTS 7 HEALTH DIAGNOSING OCCUPATIONS 8 HEALTH ASSESSMENT AND TREATMENT OCCUPATIONS 9 TEACHERS, COLLEGE AND UNIVERSITY 10 TEACHERS, EXCEPT COLLEGE AND UNIVERSITY 11 LAWYERS AND JUDGES 12 OTHER PROFESSIONAL SPECIALTY OCCUPATIONS 13 HEALTH TECHNOLOGISTS AND TECHNICIANS 14 ENGINEERING AND SCIENCE TECHNICIANS 15 TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	476 - 477

NAME	SIZE	DESCRIPTION	LOCATION
	16	SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	
	17	SALES REPs, FINANCE AND BUSINESS SERVICES	
	18	SALES REPs, COMMODITIES, EXCEPT RETAIL	
	19	SALES WORKERS, RETAIL & PERSONAL SERVICES	
	20	SALES RELATED OCCUPATIONS	
	21	SUPERVISORS, ADMINISTRATIVE SUPPORT	
	22	COMPUTER EQUIPTMENT OPERATORS	
	23	SECRETARIES, STENOGRAPHERS, AND TYPISTS	
	24	FINANCIAL RECORDS PROCESSING	
	25	MAIL AND MESSAGE DISTRIBUTION	
	26	OTHER ADMIN. SUPPORT, INCLUDING CLERICAL	
	27	PRIVATE HOUSEHOLD SERVICE OCCUPATIONS	
	28	PROTECTIVE SERVICE	
	29	FOOD SERVICE	
	30	HEALTH SERVICE	
	31	CLEANING AND BUILDING SERVICE	
	32	PERSONAL SERVICE	
	33	MECHANICS AND REPAIRERS	
	34	CONSTRUCTION TRADES	
	35	OTHER PRECISION PRODUCTION, CRAFT, AND REPAIR	
	36	MACHINE OPERATORS, AND TENDERS, EXCEPT PRECISION	
	37	FABRICATORS, ASSEMBLERS, INSPECTORS, SAMPLERS	
	38	MOTOR VEHICLE OPERATORS	
	39	OTHER TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	
	40	CONSTRUCTION LABORERS	
	41	FREIGHT, STOCK, & MATERIALS HANDLERS	
	42	OTHER HANDLERS, EQUIPT. CLEANERS, HELPERS, LABORERS	
	43	FARM OPERATORS AND MANAGERS	
	44	FARM WORKERS AND RELATED OCCUPATIONS	
	45	FORESTRY AND FISHING OCCUPATIONS	
	46	ARMED FORCES	

NAME	SIZE	DESCRIPTION	LOCATION
PRDTOCC2	2	DETAILED OCCUPATION RECODE	478 - 479

EDITED UNIVERSE:
PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8

VALID ENTRIES

1 OFFICIALS & ADMINISTRATORS, PUBLIC ADMIN.
2 OTHER EXECUTIVE, ADMIN. & MANAGERIAL
3 MANAGEMENT RELATED OCCUPATIONS
4 ENGINEERS
5 MATHEMATICAL AND COMPUTER SCIENTISTS
6 NATURAL SCIENTISTS
7 HEALTH DIAGNOSING OCCUPATIONS
8 HEALTH ASSESSMENT AND TREATMENT OCCUPATIONS
9 TEACHERS, COLLEGE AND UNIVERSITY
10 TEACHERS, EXCEPT COLLEGE AND UNIVERSITY
11 LAWYERS AND JUDGES
12 OTHER PROFESSIONAL SPRCIALITY OCCUPATIONS
13 HEALTH TECHNOLOGISTS AND TECHNICIANS
14 ENGINEERING AND SCIENCE TECHNICIANS
15 TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE
16 SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS
17 SALES REPs, FINANCE AND BUSINESS SERVICES
18 SALES REPs, COMMODITIES, EXCEPT RETAIL
19 SALES WORKERS, RETAIL & PERSONAL SERVICES
20 SALES RELATED OCCUPATIONS
21 SUPERVISORS, ADMINISTRATIVE SUPPORT
22 COMPUTER EQUIPTMENT OPERATORS
23 SECRETARIES, STENOGRAPHERS, AND TYPISTS

NAME	SIZE	DESCRIPTION	LOCATION
		24 FINANCIAL RECORDS PROCESSING	
		25 MAIL AND MESSAGE DISTRIBUTION	
		26 OTHER ADMIN. SUPPORT, INCLUDING CLERICAL	
		27 PRIVATE HOUSEHOLD SERVICE OCCUPATIONS	
		28 PROTECTIVE SERVICE	
		29 FOOD SERVICE	
		30 HEALTH SERVICE	
		31 CLEANING AND BUILDING SERVICE	
		32 PERSONAL SERVICE	
		33 MECHANICS AND REPAIRERS	
		34 CONSTRUCTION TRADES	
		35 OTHER PRECISION PRODUCTION, CRAFT, AND REPAIR	
		36 MACHINE OPERATORS, AND TENDERS, EXCEPT PRECISION	
		37 FABRICATORS, ASSEMBLERS, INSPECTORS, SAMPLERS	
		38 MOTOR VEHICLE OPERATORS	
		39 OTHER TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	
		40 CONSTRUCTION LABORERS	
		41 FREIGHT, STOCK, & MATERIALS HANDLERS	
		42 OTHER HANDLERS, EQUIPT. CLEANERS, HELPERS, LABORERS	
		43 FARM OPERATORS AND MANAGERS	
		44 FARM WORKERS AND RELATED OCCUPATIONS	
		45 FORESTRY AND FISHING OCCUPATIONS	
		46 ARMED FORCES	
PREMP	2	EMPLOYED PERSONS (NON-FARM & NON-PRIVATE HHLD) RECODE	480 - 481
		EDITED UNIVERSE: PEMLR = 1 OR 2 AND PEIO1OCD ne 403-407, 473-484	
		VALID ENTRY	
		1 EMPLOYED PERSONS (EXC. FARM & PRIV HH)	

NAME	SIZE	DESCRIPTION	LOCATION
PRMJIND1	2	MAJOR INDUSTRY RECODE - JOB 1	482 - 483

EDITED UNIVERSE:
PRDTIND1 = 1-51

VALID ENTRIES

1 AGRICULTURE
2 MINING
3 CONSTRUCTION
4 MANUFACTURING - DURABLE GOODS
5 MANUFACTURING - NON-DURABLE GOODS
6 TRANSPORTATION
7 COMMUNICATIONS
8 UTILITIES AND SANITARY SERVICES
9 WHOLESALE TRADE
10 RETAIL TRADE
11 FINANCE, INSURANCE, AND REAL ESTATE
12 PRIVATE HOUSEHOLDS
13 BUSINESS, AUTO AND REPAIR SERVICES
14 PERSONAL SERVICES, EXC. PRIVATE HHLDS
15 ENTERTAINMENT AND RECREATION SERVICES
16 HOSPITALS
17 MEDICAL SERVICES, EXC. HOSPITALS
18 EDUCATIONAL SERVICES
19 SOCIAL SERVICES
20 OTHER PROFESSIONAL SERVICES
21 FORESTRY AND FISHERIES
22 PUBLIC ADMINISTRATION
23 ARMED FORCES

PRMJIND2	2	MAJOR INDUSTRY RECODE - JOB 2	484 - 485

EDITED UNIVERSE:
PRDTIND2 = 1-51

VALID ENTRIES

1 AGRICULTURE
2 MINING
3 CONSTRUCTION
4 MANUFACTURING - DURABLE GOODS

NAME	SIZE	DESCRIPTION	LOCATION
		5 MANUFACTURING - NON-DURABLE GOODS 6 TRANSPORTATION 7 COMMUNICATIONS 8 UTILITIES AND SANITARY SERVICES 9 WHOLESALE TRADE 10 RETAIL TRADE 11 FINANCE, INSURANCE, AND REAL ESTATE 12 PRIVATE HOUSEHOLDS 13 BUSINESS, AUTO AND REPAIR SERVICES 14 PERSONAL SERVICES, EXC. PRIVATE HHLDS 15 ENTERTAINMENT AND RECREATION SERVICES 16 HOSPITALS 17 MEDICAL SERVICES, EXC. HOSPITALS 18 EDUCATIONAL SERVICES 19 SOCIAL SERVICES 20 OTHER PROFESSIONAL SERVICES 21 FORESTRY AND FISHERIES 22 PUBLIC ADMINISTRATION 23 ARMED FORCES	
PRMJOCC1	2	MAJOR OCCUPATION RECODE - JOB 1 EDITED UNIVERSE: PRDTOCC1 = 1-46 VALID ENTRIES 1 EXECUTIVE, ADMINISTRATIVE, & MANAGERIAL OCCUPATIONS 2 PROFESSIONAL SPECIALTY OCCUPATIONS 3 TECHNICIANS AND RELATED SUPPORT OCCUPATIONS 4 SALES OCCUPATIONS 5 ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL 6 PRIVATE HOUSEHOLD OCCUPATIONS 7 PROTECTIVE SERVICE OCCUPATIONS 8 SERVICE OCCUPATIONS, EXCEPT PROTECTIVE & HHLD	486 - 487

NAME	SIZE	DESCRIPTION	LOCATION
		9 PRECISION PRODUCTION, CRAFT & REPAIR OCCUPATIONS 10 MACHINE OPERATORS, ASSEMBLERS & INSPECTORS 11 TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS 12 HANDLERS, EQUIP CLEANERS, HELPERS, LABORERS 13 FARMING, FORESTRY AND FISHING OCCUPATIONS 14 ARMED FORCES	
PRMJOCC2	2	MAJOR OCCUPATION RECODE - JOB 2 EDITED UNIVERSE: PRDTOCC2 = 1-46 VALID ENTRIES 1 EXECUTIVE, ADMINISTRATIVE, & MANAGERIAL OCCUPATIONS 2 PROFESSIONAL SPECIALTY OCCUPATIONS 3 TECHNICIANS AND RELATED SUPPORT OCCUPATIONS 4 SALES OCCUPATIONS 5 ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL 6 PRIVATE HOUSEHOLD OCCUPATIONS 7 PROTECTIVE SERVICE OCCUPATIONS 8 SERVICE OCCUPATIONS, EXCEPT PROTECTIVE & HHLD 9 PRECISION PRODUCTION, CRAFT & REPAIR OCCUPATIONS 10 MACHINE OPERATORS, ASSEMBLERS & INSPECTORS 11 TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS 12 HANDLERS, EQUIP CLEANERS, HELPERS, LABORERS 13 FARMING, FORESTRY AND FISHING OCCUPATIONS 14 ARMED FORCES	488 - 489

NAME	SIZE	DESCRIPTION	LOCATION
PRMJOCGR	2	MAJOR OCCUPATION CATEGORIES EDITED UNIVERSE: PRMJOCC = 1-13 VALID ENTRIES 1 MANAGERAIL & PROFESSIONAL, TECHNICAL, SALES & SUPPORT OCCUPATIONS 2 SERVICE OCCUPATIONS 3 PRODUCTION, CRAFT, REPAIR, OPERATORS 4 FARMING, FORESTRY & FISHING OCCUPATIONS	490 - 491
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PRCOW1 = 1 AND PEIO1ICD ne 761 OR 010-030 VALID ENTRY 1 NON-AG PRIV WAGE & SALARY (EX PRIV HH)	492 - 493
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE EDITED UNIVERSE: PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 010-030 VALID ENTRY 1 NON-AG WAGE AND SALARY WORKERS	494 - 495

NAME	SIZE	DESCRIPTION	LOCATION
PRSJMJ	2	SINGLE/MULTIPLE JOBHOLDER EDITED UNIVERSE: PEMLR = 1 OR 2 VALID ENTRIES 1 SINGLE JOBHOLDER 2 MULTIPLE JOBHOLDER	496 - 497
PRERELG	2	EARNINGS ELIGIBILITY FLAG EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8 VALID ENTRIES 0 NOT ELIGIBLE FOR EDIT 1 ELIGIBLE FOR EDIT	498 - 499
PEERNUOT	2	DO YOU USUALLY RECEIVE OVERTIME PAY, TIPS, OR COMMISSIONS AT YOUR JOB? EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 YES 2 NO	500 - 501
PEERNPER	2	PERIODICITY EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY 2 WEEKLY 3 BI-WEEKLY 4 TWICE MONTHLY 5 MONTHLY 6 ANNUALLY 7 OTHER - SPECIFY	502 - 503

NAME	SIZE	DESCRIPTION	LOCATION
PEERNRT	2	(EVEN THOUGH YOU TOLD ME IT IS EASIER TO REPORT YOUR EARNINGS (PERIODICITY); ARE YOU PAID AT AN HOURLY RATE ON YOUR (MAIN/THIS) JOB? EDITED UNIVERSE: PEERNPER = 2-7 VALID ENTRIES 1 YES 2 NO	504 - 505
PEERNHRY	2	HOURLY/NONHOURLY STATUS EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 1 HOURLY WORKER 2 NONHOURLY WORKER	506 - 507
PUERNH1C	4	WHAT IS YOUR HOURLY RATE OF PAY ON THIS JOB, EXCLUDING OVERTIME PAY, TIPS OR COMMISSION? DOLLAR AMOUNT - 2 IMPLIED DECIMALS VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PUERNHIC < or = 2884.61)	508 - 511

NAME	SIZE	DESCRIPTION	LOCATION
PEERNH2	4	(EXCLUDING OVERTIME PAY, TIPS AND COMMISSIONS) WHAT IS YOUR HOURLY RATE OF PAY ON YOUR (MAIN/THIS) JOB? DOLLAR AMOUNT - 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNRT = 1 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the in PEERNHRO such that PEERNHRO x PEERNH2 < or = 2884.61)	512 - 515
PEERNH1O	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS) EDITED UNIVERSE: PEERNPER = 1 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	516 - 519
PRERNHLY	4	RECODE FOR HOURLY RATE 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNPER = 1 OR PEERNRT = 1 VALID ENTRIES 0 MIN VALUE 9999 MAX VALUE (Subject to topcoding based on the entry in PEERNHRO such that PEERNHRO x PEERNHLY < or = 2884.61)	520 - 523

NAME	SIZE	DESCRIPTION	LOCATION
PTHR	1	HOURLY PAY - TOP CODE VALID ENTRIES 0 NOT TOPCODED 1 TOPCODED	524 - 524
PEERNHRO	2	USUAL HOURS EDITED UNIVERSE: PEERNH1O = ENTRY VALID ENTRIES 0 MIN VALUE 99 MAX VALUE	525 - 526
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS EDITED UNIVERSE: PRERELG = 1 VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	527 - 534
PTWK	1	WEEKLY EARNINGS - TOP CODE 0 NOT TOPCODED 1 TOPCODED	535 - 535
FILLER	4	FILLER	536 - 539
PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1 VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	540 - 547

NAME	SIZE	DESCRIPTION	LOCATION
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS VALID ENTRIES 0 MIN VALUE 288461 MAX VALUE	548 - 555
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE VALID ENTRIES 0 NOT TOPCODED 1 TOPCODED	556 - 556
FILLER	2	FILLER	557 - 558
PEERNWKP	2	HOW MANY WEEKS A YEAR DO YOU GET PAID FOR? EDITED UNIVERSE: PEERNPER = 6 VALID ENTRIES 01 MIN VALUE 52 MAX VALUE	559 - 560
PEERNLAB	2	ON THIS JOB, ARE YOU A MEMBER OF A LABOR UNION OR OF AN EMPLOYEE ASSOCIATION SIMILAR TO A UNION? EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) VALID ENTRIES 1 YES 2 NO	561 - 562

NAME	SIZE	DESCRIPTION	LOCATION
PEERNCOV	2	ON THIS JOB ARE YOU COVERED BY A UNION OR EMPLOYEE ASSOCIATION CONTRACT? EDITED UNIVERSE: (PEIO1COW = 1-5 AND PEMLR = 1-2 AND HRMIS = 4, 8) VALID ENTRIES 1 YES 2 NO	563 - 564
PENLFJH	2	WHEN DID YOU LAST WORK AT A JOB OR BUSINESS? EDITED UNIVERSE: HRMIS = 4 OR 8 AND PEMLR = 3-7 VALID ENTRIES 1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	565 - 566
PENLFRET	2	ARE YOU RETIRED FROM A JOB OR BUSINESS? EDITED UNIVERSE: PEAGE = 50+ AND PEMLR = 3-7 VALID ENTRIES 1 YES 2 NO	567 - 568

NAME	SIZE	DESCRIPTION	LOCATION
PENLFACT	2	WHAT BEST DESCRIBES YOUR SITUATION AT THIS TIME? FOR EXAMPLE, ARE YOU DISABLED, ILL, IN SCHOOL, TAKING CARE OF HOUSE OR FAMILY, OR SOMETHING ELSE? EDITED UNIVERSE: (PEAGE = 14-49) or (PENLFRET = 2) VALID ENTRIES 1 DISABLED 2 ILL 3 IN SCHOOL 4 TAKING CARE OF HOUSE OR FAMILY 5 IN RETIREMENT 6 SOMETHING ELSE/OTHER	569 - 570
PUNLFCK1	2	NOT IN LABOR FORCE CHECK ITEM - 1 VALID ENTRIES 1 IF AGERNG EQUALS 1-4 OR 9 THEN GOTO NLFACT 2 ALL OTHERS GO TO NLFRET	571 - 572
PUNLFCK2	2	NOT IN LABOR FORCE CHECK ITEM - 2 VALID ENTRIES 1 IF MISCK EQUALS 4 OR 8 THEN GOTO NLFJH 2 ALL OTHERS GOTO LBFR-END	573 - 574
PESCHENR	2	LAST WEEK, WERE YOU ENROLLED IN A HIGH SCHOOL, COLLEGE, OR UNIVERSITY? EDITED UNIVERSE: PRPERTYP = 2 and PEAGE = 16-24 VALID ENTRIES 1 YES 2 NO	575 - 576

NAME	SIZE	DESCRIPTION	LOCATION
PESCHFT	2	ARE YOU ENROLLED IN SCHOOL AS A FULL-TIME OR PART-TIME STUDENT? EDITED UNIVERSE: PESCHLVL = 1, 2 VALID ENTRIES 1 FULL-TIME 2 PART-TIME	577 - 578
PESCHLVL	2	WOULD THAT BE HIGH SCHOOL, COLLEGE, OR UNIVERSITY? EDITED UNIVERSE: PESCHENR = 1 VALID ENTRIES 1 HIGH SCHOOL 2 COLLEGE OR UNIVERSITY	579 - 580
PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PEAGE = 16-24 VALID ENTRIES 1 IN SCHOOL 2 NOT IN SCHOOL	581 - 582

NAME	SIZE	DESCRIPTION	LOCATION
		PERSON'S WEIGHTS	
PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS. EDITED UNIVERSE: PRPERTYP = 1-3	583 - 592
PWLGWGT	10	LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS) EDITED UNIVERSE: PRPERTYP = 2	593 - 602
PWORWGT	10	OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I & O, DETAILED NILF) EDITED UNIVERSE: PRPERTYP = 2	603 - 612
PWSSWGT	10	FINAL WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR MOST TABULATIONS, CONTROLLED TO INDEPENDENT ESTIMATES FOR 1) STATES; 2) ORIGIN, SEX, AND AGE; AND 3) AGE, RACE, AND SEX. EDITED UNIVERSE: PRPERTYP = 1-3	613 - 622

NAME	SIZE	DESCRIPTION	LOCATION
PWVETWGT	10	VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA. EDITED UNIVERSE: PRPERTYP = 2	623 - 632
PRCHLD	2	Presence of own children <18 years of age by selected age group	633 - 634

****
* (STARTING NOVEMBER 1999) *
****

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

-1	NIU (Not a parent)
0	No own children under 18 years of age
1	All own children 0- 2 years of age
2	All own children 3- 5 years of age
3	All own children 6-13 years of age
4	All own children 14-17 years of age
5	Own children 0- 2 and 3-5 years of age (none 6-17)
6	Own children 0- 2 and 6-13 years of age (none 3- 5 or 14-17)
7	Own children 0- 2 and 14-17 years of age (none 3-13)
8	Own children 3- 5 and 6-13 years of age (none 0- 2 or 14-17)
9	Own children 3- 5 and 14-17 years of age (none 0- 2 or 6- 13)
10	Own children 6-13 and 14-17 years of age (none 0- 5)
11	Own children 0- 2, 3- 5, and 6-13 years of age (none 14-17)
12	Own children 0- 2, 3- 5, and 14-17 years of age (none 6-13)

NAME	SIZE	DESCRIPTION	LOCATION
		13 Own children 0- 2, 6-13, and 14-17 years of age (none 3- 5) 14 Own children 3- 5, 6-13, and 14-17 years of age (none 0- 2) 15 Own children from all age groups	
PRNMCHLD	2	Number of own children <18 years of age	635-636

****
* (STARTING NOVEMBER 1999) *
****

EDITED UNIVERSE: PRFAMREL = 1 or 2

VALID ENTRIES

-1 NIU (Not a parent)
0:99 Number of own children under 18 years of age

FILLER	2	(STARTING NOVEMBER 1999)	637 - 638
		ALLOCATION FLAGS	
PRWERNAL	2	ALLOCATION FLAG	639 - 640

WEEKLY EARNINGS RECODE (PRERNWA)
ALLOCATION FLAG

EDITED UNIVERSE:
PRERELG = 1

00 NO ALLOCATION
01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED

PRHERNAL	2	ALLOCATION FLAG	641 - 642

HOURLY EARNINGS RECODE (PRERNHLY)
ALLOCATION FLAG

EDITED UNIVERSE:
PRERNHRY = 1

00 NO ALLOCATION
01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED

NAME	SIZE	DESCRIPTION	LOCATION
HXTENURE	2	ALLOCATION FLAG	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELAVL	2	ALLOCATION FLAG	649 - 650
HXPHONEO	2	ALLOCATION FLAG	651 - 652
PXINUSYR	2	ALLOCATION FLAG	653 - 654
PXRRP	2	ALLOCATION FLAG	655 - 656
PXPARENT	2	ALLOCATION FLAG	657 - 658
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHEN	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE	2	ALLOCATION FLAG	673 - 674
PXNATVTY	2	ALLOCATION FLAG	675 - 676
PXMNTVTY	2	ALLOCATION FLAG	677 - 678
PXFNTVTY	2	ALLOCATION FLAG	679 - 680
FILLER	2	FILLER	681 - 682
PXORIGIN	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688

NAME	SIZE	DESCRIPTION	LOCATION
PXABSRSN	2	ALLOCATION FLAG	689 - 690
PXABSPDO	2	ALLOCATION FLAG	691 - 692
PXMJOT	2	ALLOCATION FLAG	693 - 694
PXMJNUM	2	ALLOCATION FLAG	695 - 696
PXHRUSL1	2	ALLOCATION FLAG	697 - 698
PXHRUSL2	2	ALLOCATION FLAG	699 - 700
PXHRFTPT	2	ALLOCATION FLAG	701 - 702
PXHRUSLT	2	ALLOCATION FLAG	703 - 704
PXHRWANT	2	ALLOCATION FLAG	705 - 706
PXHRRSN1	2	ALLOCATION FLAG	707 - 708
PXHRRSN2	2	ALLOCATION FLAG	709 - 710
PXHRACT1	2	ALLOCATION FLAG	711 - 712
PXHRACT2	2	ALLOCATION FLAG	713 - 714
PXHRACTT	2	ALLOCATION FLAG	715 - 716
PXHRRSN3	2	ALLOCATION FLAG	717 - 718
PXHRAVL	2	ALLOCATION FLAG	719 - 720
PXLAYAVL	2	ALLOCATION FLAG	721 - 722
PXLAYLK	2	ALLOCATION FLAG	723 - 724
PXLAYDUR	2	ALLOCATION FLAG	725 - 726
PXLAYFTO	2	ALLOCATION FLAG	727 - 728
PXLKM1	2	ALLOCATION FLAG	729 - 730
PXLKAVL	2	ALLOCATION FLAG	731 - 732
PXLKLL1O	2	ALLOCATION FLAG	733 - 734

NAME	SIZE	DESCRIPTION	LOCATION
PXLKLL2O	2	ALLOCATION FLAG	735 - 736
PXLKLWO	2	ALLOCATION FLAG	737 - 738
PXLKDUR	2	ALLOCATION FLAG	739 - 740
PXLKFTO	2	ALLOCATION FLAG	741 - 742
PXDWWNTO	2	ALLOCATION FLAG	743 - 744
PXDWRSN	2	ALLOCATION FLAG	745 - 746
PXDWLKO	2	ALLOCATION FLAG	747 - 748
PXDWWK	2	ALLOCATION FLAG	749 - 750
PXDW4WK	2	ALLOCATION FLAG	751 - 752
PXDWLKWK	2	ALLOCATION FLAG	753 - 754
PXDWAVL	2	ALLOCATION FLAG	755 - 756
PXDWAVR	2	ALLOCATION FLAG	757 - 758
PXJHWKO	2	ALLOCATION FLAG	759 - 760
PXJHRSN	2	ALLOCATION FLAG	761 - 762
PXJHWANT	2	ALLOCATION FLAG	763 - 764
PXIO1COW	2	ALLOCATION FLAG	765 - 766
PXIO1ICD	2	ALLOCATION FLAG	767 - 768
PXIO1OCD	2	ALLOCATION FLAG	769 - 770
PXIO2COW	2	ALLOCATION FLAG	771 - 772
PXIO2ICD	2	ALLOCATION FLAG	773 - 774
PXIO2OCD	2	ALLOCATION FLAG	775 - 776
PXERNUOT	2	ALLOCATION FLAG	777 - 778
PXERNPER	2	ALLOCATION FLAG	779 - 780

NAME	SIZE	DESCRIPTION	LOCATION
PXERNH1O	2	ALLOCATION FLAG	781 - 782
PXERNHRO	2	ALLOCATION FLAG	783 - 784
PXERN	2	ALLOCATION FLAG	785 - 786
FILLER	4	FILLER	787 - 790
PXERNWKP	2	ALLOCATION FLAG	791 - 792
PXERNRT	2	ALLOCATION FLAG	793 - 794
PXERNHRY	2	ALLOCATION FLAG	795 - 796
PXERNH2	2	ALLOCATION FLAG	797 - 798
PXERNLAB	2	ALLOCATION FLAG	799 - 800
PXERNCOV	2	ALLOCATION FLAG	801 - 802
PXNLFJH	2	ALLOCATION FLAG	803 - 804
PXNLFRET	2	ALLOCATION FLAG	805 - 806
PXNLFACT	2	ALLOCATION FLAG	807 - 808
PXSCHENR	2	ALLOCATION FLAG	809 - 810
PXSCHFT	2	ALLOCATION FLAG	811 - 812
PXSCHLVL	2	ALLOCATION FLAG	813 - 814
QSTNUM	5	Unique household identifier. Valid only within any specific month.	815 - 819
OCCURNUM	2	Unique person identifier. Valid only within any specific month.	820 - 821

NAME	SIZE	DESCRIPTION	LOCATION
PEDIPGED	2	How did...get...'s high school diploma? EDITED UNIVERSE = PEEDUCA = 39 VALID ENTRIES -1 Not in universe 1 Graduation from high school 2 GED or other equivalent	822 - 823
PEHGCOMP	2	What was the highest grade of regular school...completed before receiving...'s GED? EDITED UNIVERSE = PEDIPGED = 2 VALID ENTRIES -1 Not in universe 1 Less than 1st grade 2 1st, 2nd, 3rd, or 4th grade 3 5th or 6th grade 4 7th or 8th grade 5 9th grade 6 10th grade 7 11th grade 8 12th grade (no diploma)	824 - 825
PECYC	2	How many years of college credit has...completed? EDITED UNIVERSE: PEEDUCA =40-42 VALID ENTRIES -1 Not in universe 1 Less than 1 year (includes 0 years completed) 2 The first or Freshman year 3 The second or Sophomore year 4 The third or Junior year 5 Four or more years	826 - 827

NAME	SIZE	DESCRIPTION	LOCATION
PEGRPROF	2	Since completing...bachelor's degree, have you taken any graduate or professional school courses for credit? EDITED UNIVERSE: PEEDUCA = 43 VALID ENTRIES -1 Not in universe 1 Yes 2 No	828 - 829
PEGR6COR	2	Did...complete 6 or more graduate or professional school courses? EDITED UNIVERSE: PEGRPROF = 1 VALID ENTRIES -1 Not in universe 1 Yes 2 No	830 - 831
PEMS123	2	Was ... master's degree program a 1 year, 2 year, or 3 year program? EDITED UNIVERSE: PEEDUCA = 44 VALID ENTRIES -1 Not in universe 1 1 year program 2 2 year program 3 3 year program	832 - 833
PXDIPGED	2	ALLOCATION FLAG	834 - 835
PXHGCOMP	2	ALLOCATION FLAG	836 - 837
PXCYC	2	ALLOCATION FLAG	838 - 839
PXGRPROF	2	ALLOCATION FLAG	840 - 841
PXGR6COR	2	ALLOCATION FLAG	842 - 843
PXMS123	2	ALLOCATION FLAG	844 - 845

NAME	SIZE	DESCRIPTION	LOCATION
PWCMPWGT	2	Composited Final Weight. Used to create BLS's published labor force statistics (4 implied decimal places) EDITED UNIVERSE: PRPERTYP = 2 AND PEAGE = 16+	846 - 855
FILLER	1	FILLER	856 - 856

ATTACHMENT 8

SUPPLEMENT RECORD LAYOUT

June 2001, November 2001, and February 2002 Current Population Survey
Tobacco Supplement

NAME	SIZE	DESCRIPTION	LOCATION
HRMODE	2	Method of Interview 1 = CAPI 2 = CATI 3 = Unknown	857-858
PES32	2	Has...smoked at least 100 cigarettes in his/her entire life? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	859-860
PES33	2	How old was...when he/she first started smoking cigarettes fairly regularly? -5 = Never Smoked Regularly -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Age -9 = No response	861-862

NAME	SIZE	DESCRIPTION	LOCATION
PES34	2	Does...now smoke cigarettes every day, some days, or not at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Every day 2 = Some days 3 = Not at all -9 = No response	863-864
PES36	2	On the average, how many cigarettes do you now smoke a day? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of cigarettes a day -9 = No response	865-866
PES37	2	On how many of the past 30 days did you smoke cigarettes? -3 = Refused -2 = Don't Know -1 = Not in Universe 0-30 = Number of days -9 = No response	867-868
PES38	2	On the average, when you smoked, about how many cigarettes did you smoke a day? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-60 = Number of cigarettes a day -9 = No response	869-870

NAME	SIZE	DESCRIPTION	LOCATION
PES39	2	Have you ever smoked cigarettes everyday for at least 6 months? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	871-872
PES40NUM	2	About how long has it been since you last smoked cigarettes every day? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of ... -9 = No response	873-874
PES40UNT	2	Unit reported in item 40 is: -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Days 2 = Weeks 3 = Months 4 = Years -9 = No response	875-876
PES41	2	When you last smoked every day, on average how many cigarettes did you smoke daily? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of cigarettes a day -9 = No response	877-878

NAME	SIZE	DESCRIPTION	LOCATION
PES42	2	What is the total number of years you smoked every day? Do not include any time you stayed off cigarettes for 6 months or longer -5 = None or less than 1 year -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of years -9 = No response	879-880
PES43	2	What is the total number of years you have smoked every day? Do not include any time you stayed off cigarettes for 6 months or longer. -5 = None or less than 1 year -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of years -9 = No response	881-882
PES44	2	Have you ever stopped smoking for one day or longer because you were trying to quit smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	883-884

NAME	SIZE	DESCRIPTION	LOCATION
PES45	2	During the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	885-886
PES46	2	How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-69 = Number of times -9 = No response	887-888
PES46ANM	2	During the PAST 12 MONTHS, what is the LONGEST length of time you stopped smoking because you were TRYING to quit smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of ... -9 = No response	889-890
PES46AUN	2	Unit reported in item 46A is: -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Days 2 = Weeks 3 = Months -9 = No response	891-892

NAME	SIZE	DESCRIPTION	LOCATION
PES47	2	In the past year have you seen a medical doctor? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	893-894
PES48	2	During the past year, did any medical doctor advise you to stop smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	895-896
PES49	2	Has a medical doctor ever advised you to stop smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	897-898
PES50	2	In the past year have you seen a dentist? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	899-900

NAME	SIZE	DESCRIPTION	LOCATION
PES51	2	During the past year, did any dentist advise you to stop smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	901-902
PES52	2	Has a dentist ever advised you to stop smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	903-904
PES53	2	Are you seriously considering stopping within the next 6 months? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	905-906
PES54	2	Are you planning to stop within the next 30 days? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	907-908

NAME	SIZE	DESCRIPTION	LOCATION
PES55	2	Have you ever smoked cigarettes every day for at least 6 months? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	909-910
PES56NUM	2	About how long has it been since you last smoked cigarettes every day? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of... -9 = No response	911-912
PES56UNT	2	Unit reported in item S56 is: -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Number of days 2 = Number of weeks 3 = Number of months 4 = Number of years -9 = No response	913-914
PES57	2	When you last smoked every day, on average how many cigarettes did you smoke daily? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of cigarettes a day -9 = No response	915-916

NAME	SIZE	DESCRIPTION	LOCATION
PES58	2	What is the total number of years you smoked every day? Do not include any time you stayed off cigarettes for 6 months or longer -5 = None or less than 1 year -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of years -9 = No response	917-918
PES59NUM	2	About how long has it been since you completely stopped smoking cigarettes? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-99 = Number of... -9 = No response	919-920
PES59UNT	2	Unit reported in item 59 is: -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Number of Days 2 = Number of Weeks 3 = Number of Months 4 = Number of Years -9 = No response	921-922

NAME	SIZE	DESCRIPTION	LOCATION
PES61	2	Around this time 12 months ago, were you smoking cigarettes every day, some days, or not at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Every day 2 = Some days 3 = Not at all -9 = No response	923-924
PES62A	2	Has...ever used pipes, cigars, chewing tobacco, or snuff EVEN ONE TIME? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	925-926
PES62B1	2	Have you used pipes? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No	927-928
PES62B2	2	Have you used cigars? -1 = Not in Universe 1 = Yes 2 = No	929-930
PES62B3	2	Have you used chewing tobacco: -1 = Not in Universe 1 = Yes 2 = No	931-932

NAME	SIZE	DESCRIPTION	LOCATION
PES62B4	2	Have you used snuff? -1 = Not in Universe 1 = Yes 2 = No	933-934
PES63A1	2	Does...now use pipes everyday, some days, or not at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Every day 2 = Some days 3 = Not at all -9 = No response	935-936
PES63A2	2	Does...now use cigars everyday, some days, or not at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Every day 2 = Some days 3 = Not at all -9 = No response	937-938
PES63A3	2	Does...now use chewing tobacco everyday, some days, or not at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Every day 2 = Some days 3 = Not at all -9 = No response	939-940

NAME	SIZE	DESCRIPTION	LOCATION
PES63A4	2	Does...now use snuff everyday, some days, or not at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Every day 2 = Some days 3 = Not at all -9 = No response	941-942
PES63B1	2	On how many of the past 30 days did you use pipes? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-30 = Number of days -5 = Did not use in the past 30 days	943-944
PES63B2	2	On how many of the past 30 days did you use cigars? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-30 = Number of days -5 = Did not use in the past 30 days	945-946
PES63B3	2	On how many of the past 30 days did you use chewing tobacco? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-30 = Number of days -5 = Did not use in the past 30 days	947-948

NAME	SIZE	DESCRIPTION	LOCATION
PES63B4	2	On how many of the past 30 days did you use snuff? -3 = Refused -2 = Don't Know -1 = Not in Universe 1-30 = Number of days -5 = Did not use in the past 30 days	949-950
PES67	2	Which of these best describes the area in which you work most of the time? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Private enclosed office with door 2 = Shared enclosed office with door 3 = Indoor open area with or without partitions 4 = In one building, but no regular work area 5 = Store or restaurant 6 = Warehouse or factory 7 = In someone's home 8 = Travel to different buildings or sites 9 = Outdoors or in a motor vehicle 10 = Other -9 = No response	951-952
PES67SPC	16	Character field for "other specify" for S67 Various written entries	953-968
PES68	2	Does your place of work have an official policy that restricts smoking in any way? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	969-970

NAME	SIZE	DESCRIPTION	LOCATION
PES69	2	Which of these best describes your place of work's smoking policy for indoor public or common areas such as lobbies, rest rooms, and lunch rooms? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Not allowed in any public areas 2 = Allowed in some public areas 3 = Allowed in all public areas 4 = Not applicable -9 = No response	971-972
PES70	2	Which of these best describes your place of work's smoking policy for work areas? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Not allowed in any work areas 2 = Allowed in some work areas 3 = Allowed in all work areas 4 = Not applicable -9 = No response	973-974
PES70A	2	During the PAST TWO WEEKS has anyone smoked in the area in which you work? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	975-976

NAME	SIZE	DESCRIPTION	LOCATION
PES71	2	Within the past 12 months, has your employer offered any stop smoking program or other help to employees who want to quit smoking? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Yes 2 = No -9 = No response	977-978
PES72A	2	In restaurants, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Allowed in all areas 2 = Allowed in some areas 3 = Not allowed at all -9 = No response	979-980
PES72B	2	In hospitals, do you think that smoking should be allowed in all Areas, in some areas, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Allowed in all areas 2 = Allowed in some areas 3 = Not allowed at all -9 = No response	981-982

NAME	SIZE	DESCRIPTION	LOCATION
PES72C	2	In indoor work areas, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Allowed in all areas 2 = Allowed in some areas 3 = Not allowed at all -9 = No response	983-984
PES72D	2	In bars and cocktail lounges, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Allowed in all areas 2 = Allowed in some areas 3 = Not allowed at all -9 = No response	985-986
PES72E	2	In indoor sporting events, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Allowed in all areas 2 = Allowed in some areas 3 = Not allowed at all -9 = No response	987-988

NAME	SIZE	DESCRIPTION	LOCATION
PES72F	2	In indoor shopping malls, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Allowed in all areas 2 = Allowed in some areas 3 = Not allowed at all -9 = No response	989-990
PES73	2	Which statement best describes the rules about smoking in your home? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = No one is allowed to smoke anywhere 2 = Smoking is allowed in some places or at some times 3 = Smoking is permitted anywhere -9 = No response	991-992
PES75	2	In your opinion, how easy is it for minors to buy cigarettes and other tobacco products in your community? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Very easy 2 = Somewhat easy 3 = Somewhat difficult 4 = Very difficult -9 = No response	993-994

NAME	SIZE	DESCRIPTION	LOCATION
PES77	2	Do you think advertising of tobacco products should be: always allowed, allowed under some conditions, or not allowed at all? -3 = Refused -2 = Don't Know -1 = Not in Universe 1 = Always allowed 2 = Allowed under some conditions 3 = Not allowed at all -9 = No response	995-996
PES78	2	Respondent relationship recode- relationship of respondent TO THE sample person -1 = Not in Universe 1 = Eligible person self Proxy: 2 = Husband 3 = Wife 4 = Child 5 = Grandchild 6 = Grandparent 7 = Parent 8 =Sibling 9 =Other relative of eligible person 10 =Unmarried Partner 11=Non-rel. of eligible person 88=Proxy but unknown person	997-998
PES81A	2	Method of Interview -1=Not in Universe 1 = Telephone 2 = Personal Visit	999-1000

NAME	SIZE	DESCRIPTION	LOCATION
PESINTTP	2	Language of interview -1 = Not in Universe 1 = English 2 = Spanish 3 = Other -9 = No response	1001-1002
PRS64	2	Check item recode Who is responding for the supplement? -1 = Not in Universe 1 = Self 2 = Proxy	1003-1004
PRS65	2	Check item recode -1 = Not in Universe 1 = PEMLR = 1 or 2 2 = All other cases	1005-1006
PRS66	2	Check item recode -1 = Not in Universe 1 = Entry 1, 2, 3, 4, 5, or 10 in PEIO1COW for this person 2 = All other cases	1007-1008
PRS35	2	Check item recode -1 = Not in Universe 1 = Self respondent, every day smoker 2 = Self respondent, some day smoker 3 = Self respondent, former smoker 4 = Proxy respondent -9 = No responses	1009-1010
PRS60	2	Check item recode -1 = Not in Universe 1 = Item 59 is less than or equal to 1 year or don't know 2 = All others	1011-1012

NAME	SIZE	DESCRIPTION	LOCATION
INTRVIEW	2	Interview status recode 1 = Interview 2 = Non-interview	1013-1014
SMOKSTAT	2	Smoker recode -1 = Not in Universe 1 = Never smoker 2 = Everyday smoker 3 = Some days smoker 4 = Former smoker -9 = Indeterminate	1015-1016
`PWNRWGT	10	Nonresponse weight (4 implied decimal places)	1017-1026
PWSRWGT	10	Self response weight (4 implied decimal places)	1027-1036

ATTACHMENT 9

SUPPLEMENT QUESTIONNAIRE

June 2001, November 2001, and February 2002 Tobacco Use Supplement

>PRESUP< This month we are asking some additional questions concerning the use of tobacco products. I need to ask each individual, age 15 years old and older, these questions.

ENTER <P> TO PROCEED

ENTER <I> FOR IMPORTANCE OF RESPONDING

===>_

>NXTPER< (ENTER LINE NO: (#) FOR (NAME)/
I (also) need to talk with (name/(READ LIST OF NEEDED PERSONS). Is he/she at home now/Are either of them at home now/Are any of them at home now)?/***NO ONE ELIGIBLE, SKIP TO FIN (F10).*** IF ANSWERED, JUMP FORWARD (F3).)

(GET SELF RESPONSE. (PROXY ONLY AS LAST RESORT) WHEN DONE, F10 FOR CALLBACKS/IF NOT PRESENT, TAKE PROXY RESPONSE WITH KNOWLEDGEABLE RESPONDENT)

CALLBACK #: (number)

LN Q-NEED NAME	M AGE	LN Q-NEED NAME	M AGE
(person 1)		(person 9)	
(person 2)		(person 10)	
(person 3)		(person 11)	
(person 4)		(person 12)	
(person 5)		(person 13)	
(person 6)		(person 14)	
(person 7)		(person 15)	
(person 8)		(person 16)	

ENTER LINE NUMBER FOR INTERVIEW
<R> Respondent refused FOR someone else

===>__

DO NOT READ, INTERVIEWER CHECK ITEM

(ONLY TAKE A PROXY IF THIS IS THE 2ND CALLBACK, THE PERSON WILL NOT RETURN BEFORE CLOSEOUT OR THE HOUSEHOLD IS GETTING IRRITATED.)

>nxtpr3< Is this a Self or Proxy response?

<1> Self
<2> Proxy

===>_

>EPROXY< *** DO NOT READ ***

*** POSSIBLE ERROR ****
You have picked PROXY for (name of person talking about) even though (name of respondent) is the current respondent.

Are you currently talking to (name of respondent)?

<1> Yes, SELF interview
<2> No

===>_

>NXPER5< *** DO NOT READ ***
ENTER LINE NUMBER OF CURRENT RESPONDENT

LINE NO.	NAME	AGE	RELATION
(person 1)			
(person 2)			
(person 3)			
(person 4)			
(person 5)			
(person 6)			
(person 7)			
(person 8)			
(person 9)			
(person 10)			
(person 11)			
(person 12)			
(person 13)			
(person 14)			
(person 15)			
(person 16)			

===>__

>S32< (Have/Has) (you/name) smoked at least 100 cigarettes in (your/his/her) entire life?

(NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS)

<1> Yes
<2> No

===>_

>S33< How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes fairly regularly?

ENTER <X> IF NEVER SMOKED REGULARLY

ENTER AGE

(01- (AGE))

===>__

>S33V< I have recorded that (you/name) (were/was) (entry to S33) years old when (you/he/she) started smoking cigarettes fairly regularly. Is that correct?

<1> Yes
<2> No

===>_

>S34< (Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?

<1> Every day
<2> Some days
<3> Not at all
===>_

>S36< On the average, how many cigarettes do you now smoke a day?

(ONE PACK USUALLY EQUALS 20 CIGARETTES. IF CONVERTING PACKS TO CIGARETTES, ALWAYS VERIFY CALCULATION WITH RESPONDENT.)

ENTER NUMBER OF CIGARETTES A DAY

<01-99>

===>__

>S36V< I have recorded that on the average, you now smoke (entry in S36) cigarettes a day. Is that correct?

<1> Yes
<2> No

===>_

>S37< On how many of the past 30 days did you smoke cigarettes?

ENTER <X> FOR NONE

(01-30)

===>__

>S37V< You said that you smoked cigarettes some days. Is that correct?

<1> Yes
<2> No

===>_

>S38< On the average, when you smoked, about how many cigarettes did you smoke a day?

ENTER NUMBER OF CIGARETTES A DAY

<01-99>

===>__

>S38V< I have recorded that on the average, when you smoked you smoked (entry to S38) cigarettes a day. Is that correct?

<1> Yes
<2> No

===>_

>S39< Have you EVER smoked cigarettes EVERY DAY for at least 6 months?

<1> Yes
<2> No

===>_

>S40NUM< About how long has it been since you last smoked cigarettes EVERY DAY?

ENTER NUMBER

<01-99>

===>__

>S40UNT< ENTER UNIT REPORTED

<1> Days
<2> Weeks
<3> Months
<4> Years

===>_

>S40ERR< *** DO NOT READ ***

It was reported that this person first started smoking (AGE - entry to S33) years ago. Response of (entry to S40) years (in item S40NUM) is inconsistent.

<B> Back to correct

===>_

>S40V< I have recorded that it has been (entry to S40) (weeks/months) since you last smoked cigarettes every day. Is that correct?

<1> Yes
<2> No

===>_

>S41< When you last smoked every day, on average how many cigarettes did you smoke daily?

ENTER NUMBER OF CIGARETTES A DAY

<01-99>

===>__

S41V< I have recorded that when you last smoked every day, on the average you smoked (entry to S41) cigarettes a day. Is that correct?

<1> Yes
<2> No

===>_

>S42< What is the total number of years you smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

ENTER <X> FOR NONE OR LESS THAN ONE YEAR
ENTER NUMBER OF YEARS

(01-(AGE))

===>__

>S42V< I have recorded that not including any time you stayed off cigarettes for 6 months or longer, the total number of years you smoked every day is (entry to S42). Is that correct?

<1> Yes
<2> No

===>_

>S43< What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

ENTER <X> FOR NONE OR LESS THAN ONE YEAR
ENTER NUMBER OF YEARS

(01-(AGE))

===>__

>S43V< I have recorded that not including any time you stayed off cigarettes for 6 months or longer, the total number of years you have smoked EVERYDAY is (entry to S43). Is that correct?

<1> Yes
<2> No

===>_

>S44< Have you EVER stopped smoking for one day or longer because you were TRYING to quit smoking?

<1> Yes
<2> No

===>_

>S45< During the PAST 12 MONTHS, have you stopped smoking for one day or longer because you were TRYING to quit smoking?

<1> Yes
<2> No
===>_

>S46< How many times during the past 12 months have you stopped smoking for one day or longer because you were TRYING to quit smoking?

ENTER NUMBER OF TIMES

(01-69)

===>__

>S46V< I have recorded that you have stopped smoking (entry to S46) times for one day or longer in the past 12 months because you were TRYING to quit smoking. Is that correct?

<1> Yes
<2> No

===>_

>S46ANM< During the PAST 12 MONTHS, what is the LONGEST length of time you stopped smoking because you were TRYING to quit smoking?

ENTER NUMBER

<01-99>
===>__

S46AUN< ENTER UNIT REPORTED

<1> Days
<2> Weeks
<3> Months

===>_

>S46ERR< *** DO NOT READ ***

CAN'T HAVE MORE THAN (52 WEEKS/12 MONTHS)

S46A: (entry to S46ANM) (WEEKS/MONTHS)

<B> Back to correct

===>_

>S46AV< I have recorded that the longest length of time you stopped smoking in the past 12 months because you were TRYING to quit smoking was (entry to S46ANM) weeks? Is that correct?

<1> Yes
<2> No

===>_

>S47< In the PAST YEAR have you SEEN a medical doctor?

<1> Yes
<2> No

===>_

>S48< During the past year, did any medical doctor ADVISE you to stop smoking?

<1> Yes
<2> No

===>_

>S49< Has a medical doctor EVER ADVISED you to stop smoking?

<1> Yes
<2> No

===>_

>S50< In the PAST YEAR have you SEEN a dentist?

<1> Yes
<2> No

===>_

>S51< During the past year, did any dentist ADVISE you to stop smoking?

<1> Yes
<2> No

===>_

>S52< Has a dentist EVER ADVISED you to stop smoking?

<1> Yes
<2> No

===>_

>S53< Are you seriously considering stopping within the next 6 months?

<1> Yes
<2> No

===>_

>S54< Are you planning to stop within the next 30 days?

<1> Yes
<2> No

===>_

>S55< Have you EVER smoked cigarettes EVERY DAY for at least 6 months?

<1> Yes
<2> No

===>_

>S56NUM< About how long has it been since you last smoked cigarettes EVERY DAY?

ENTER NUMBER
<01-99>

===>__

>S56UNT< ENTER UNIT REPORTED

<1> Days
<2> Weeks
<3> Months
<4> Years

===>_

>S56ERR< *** DO NOT READ ***

It was reported that this person first started smoking (fill: AGE - entry to S33) years ago. Response of (fill: entry to S56NUM) years (in item S56) is inconsistent.

<B> Back to correct

===>_

>S56V< I have recorded that it has been (entry to S56) (weeks/months) since you last smoked cigarettes every day. Is that correct?

<1> Yes
<2> No

===>_

>S57< When you last smoked every day, on average how many cigarettes did you smoke daily?

ENTER NUMBER OF CIGARETTES A DAY

<01-99>

===>__

>S57V< I have recorded that when you last smoked every day, on the average you smoked (entry to S57) cigarettes a day. Is that correct?

<1> Yes
<2> No

===>_

>S58< What is the total number of years you smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

ENTER <X> FOR NONE OR LESS THAN 1 YEAR
ENTER NUMBER OF YEARS

(01-(AGE))

===>__

>S58V< I have recorded that not including any time you stayed off cigarettes for 6 months or longer, the total number of years you smoked every day is (entry to S58). Is that correct?

<1> Yes
<2> No

===>_

>S59NUM< About how long has it been since you COMPLETELY stopped smoking cigarettes?

ENTER NUMBER
<01-99>

===>__

>S59UNT< ENTER UNIT REPORTED

<1> Days
<2> Weeks
<3> Months
<4> Years

===>_

>S59ERR< *** DO NOT READ ***

It was reported (in item S33) that this person first started smoking (fill: AGE - entry to S33) years ago. Response of (fill: entry to S59NUM) years (in item S59) is inconsistent.

<B> Back to correct

===>_

>S59V< I have recorded that it has been about (entry to S59NUM) (weeks/months) since you completely stopped smoking cigarettes? Is that correct?

<1> Yes
<2> No

===>_

>S61< Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?

<1> Every day
<2> Some days
<3> Not at all

===>_

The next questions are about the use of tobacco other than cigarettes.

>S62a< (Have/Has) (you/name) EVER used a pipe, cigar, chewing tobacco or snuff EVEN ONE TIME?

<1> Yes
<2> No

===>_

>S62b< Which ones?

ENTER ALL THAT APPLY
ENTER <N> FOR NO MORE

<1> Pipe
<2> Cigar
<3> Chewing tobacco
<4> Snuff

===>_ ===>_ ===>_ ===>_

>S63a< (Do/Does) (you/name) NOW use (entries in S62b) every day, some days, or not at all?

<1> Every day
<2> Some days
<3> Not at all

===>_

>S63b< On how many of the past 30 days did you use (entries in S62b)?

ENTER NUMBER (Enter X for NONE)

(01-30) ===>__

S63bV< You said that you used (entry in S62b) some days. Is that correct?

<1> Yes
<1> No

====>_

>S67< Which of these best describes the area in which you work MOST of the time?

WORK PLACE QUESTIONS PERTAIN TO THE SAMPLE PERSON'S MAIN JOB.
(READ ANSWER CATEGORIES AND CHOSE ONLY ONE)

<1> Private enclosed office with door
<2> Shared enclosed office with door
<3> Indoor open area with or without partitions
<4> In one building, but no regular work area
<5> Store or restaurant
<6> Warehouse or factory
<7> In someone's home
<8> Travel to different buildings or sites
<9> Outdoors or in a motor vehicle
<10> Other - (Specify)

===>__

>S67spc< PLEASE SPECIFY

===>_____

>S68< Does your place of work have an official policy that restricts smoking in any way?

<1> Yes
<2> No

===>_

S69< Which of these best describes your place of work's smoking policy for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms?

(READ THE THREE ANSWER CATEGORIES)

<1> Not allowed in ANY public areas
<2> Allowed in SOME public areas
<3> Allowed in ALL public areas

ENTER <4> IF NOT APPLICABLE

===>_

>S70< Which of these best describes your place of work's smoking policy for WORK AREAS?

(READ THE THREE ANSWER CATEGORIES)

<1> Not allowed in ANY work areas
<2> Allowed in SOME work areas
<3> Allowed in ALL work areas

ENTER <4> IF NOT APPLICABLE

===>_

>S70A< During the PAST TWO WEEKS has anyone smoked in the area in which you work?

<1> Yes
<2> No

===>_

>S71< Within the PAST 12 MONTHS, has your employer offered any stop smoking program or any other help to employees who want to quit smoking?

<1> Yes
<2> No

===>_

S72< In (READ PLACE LISTED BELOW), do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?

(READ SENTENCE SUBSTITUTING EACH PLACE LISTED BELOW)

<1> Allowed in all areas
<2> Allowed in some area
<3> Not Allowed at all

Restaurants. . . . . ===>_
Hospitals. . . . . ===>_
Indoor work areas. . . . . ===>_
Bars and cocktail lounges. . . ===>_
Indoor sporting events . . . . . ===>_
Indoor shopping malls . . . . . ===>_

>S73< Which statement best describes the rules about smoking in YOUR HOME?

(READ ANSWER CATEGORIES)
(NOTE: IF ASKED, "HOME" IS WHERE YOU LIVE.)

<1> No one is allowed to smoke anywhere
<2> Smoking is allowed in some places or at some times
<3> Smoking is permitted anywhere

===>_

>S75< In your opinion, how easy is it for minors to buy cigarettes and other tobacco products in your community?

(READ ANSWER CATEGORIES)

<1> Very easy
<2> Somewhat easy
<3> Somewhat difficult
<4> Very difficult

===>_

S77< Do you think advertising of tobacco products should be: always allowed, allowed under some conditions, or not allowed at all?

<1> Always allowed
<2> Allowed under some conditions
<3> Not allowed at all

===>_

>S78< *** DO NOT READ ***

Enter the line number of the person who answered the supplement questions for (NAME).

LN	NAME	LN	NAME
(persons 1)		(persons 9)	
(persons 2)		(persons 10)	
(persons 3)		(persons 11)	
(persons 4)		(persons 12)	
(persons 5)		(persons 13)	
(persons 6)		(persons 14)	
(persons 7)		(persons 15)	
(persons 8)		(persons 16)	

===>_

>SINTTP< *** DO NOT READ ***

In what language was the interview for this person conducted?

<1> English
<2> Spanish
<3> Other

===>_

ATTACHMENT 10

INDUSTRY CLASSIFICATIONS

Industry Classification Codes for Detailed Industry (3-digit)

There are 236 categories for the employed, with 1 additional category for the experienced unemployed. These categories are aggregated into 51 detailed groups and 23 major groups (see pages 11-9 through 11-11).

(Numbers in parentheses are the 1987 SIC code equivalent; see Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1987. "Pt" means part, "n.e.c." means not elsewhere classified.)

These codes correspond to Items PEIO1ICD and PEIO2ICD located in the adults record layout. These codes are located in positions 436-438 and 446-448 in all months **except** March. In **March**, these codes correspond to Item A-IND, positions 103-105.

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

Code	Industry
112	Sugar and confectionery products (206)
113-119	not used
120	Beverage industries (208)
121	Miscellaneous food preparations and kindred products (207, 209)
122	Not specified food industries
123-129	not used
130	Tobacco manufactures (21)
131	not used
132-150	Textile mill products
132	Knitting mills (225)
133-139	not used
140	Dyeing and finishing textiles, except wool and knit goods (226)
141	Carpets and rugs (227)
142	Yarn, thread, and fabric mills (221-224, 228)
143-149	not used
150	Miscellaneous textile mill products (229)
151-152	Apparel and other finished textile products
151	Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
153-159	not used
160-162	Paper and allied products
160	Pulp, paper, and paperboard mills (261-263)
161	Miscellaneous paper and pulp products (267)
162	Paperboard containers and boxes (265)
163-170	not used
171-172	Printing, publishing, and allied industries
171	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
173-179	not used
180-192	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
183-189	not used
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
193-199	not used
200-201	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
202-209	not used
210-212	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-306)
212	Miscellaneous plastics products (308)
213-219	not used
220-222	Leather and leather products
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

Code	Industry
230-392	DURABLE GOODS
230-241	Lumber and wood products, except furniture
230	Logging (241)
231	Sawmills, planing mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
233-240	not used
241	Miscellaneous wood products (244, 249)
242	Furniture and fixtures (25)
243-249	not used
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, 3363, 3365)
273-279	not used
280	Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
281	Cutlery, handtools, and general hardware (342)
282	Fabricated structural metal products (344)
283-289	not used
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
293-299	not used
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
302-309	not used
310-332	Machinery and computing equipment
310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
313-319	not used
320	Metalworking machinery (354)
321	Office and accounting machines (3578, 3579)
322	Computers and related equipment (3571-3577)
323-330	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, TV, and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
343-349	not used
350	Not specified electrical machinery, equipment, and supplies
351-370	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)

Code	Industry
352	Aircraft and parts (372)
353-359	not used
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
363-369	not used
370	Cycles and miscellaneous transportation equipment (375, 379)
371-381	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382 except 3827)
372	Medical, dental, and optical instruments and supplies (3827, 384, 385)
373-379	not used
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382-389	not used
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 except 394)
392	Not specified manufacturing industries
393-399	not used
400-472	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES
400-432	TRANSPORTATION
400	Railroads (40)
401	Bus service and urban transit (41, except 412)
402	Taxicab service (412)
403-409	not used
410	Trucking service (421, 423)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
413-419	not used
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
423-431	not used
432	Services incidental to transportation (47)
433-439	not used
440-442	COMMUNICATIONS
440	Radio and television broadcasting and cable (483, 484)
441	Telephone communications (481)
442	Telegraph and miscellaneous communications services (482, 489)
443-449	not used
450-472	UTILITIES AND SANITARY SERVICES
450	Electric light and power (491)
451	Gas and steam supply systems (492, 496)
452	Electric and gas, and other combinations (493)
453-469	not used
470	Water supply and irrigation (494, 497)
471	Sanitary services (495)
472	Not specified utilities
473-499	not used

Code	Industry
500-571	WHOLESALE TRADE
500-532	Durable Goods
500	Motor vehicles and equipment (501)
501	Furniture and home furnishings (502)
502	Lumber and construction materials (503)
503-509	not used
510	Professional and commercial equipment and supplies (504)
511	Metals and minerals, except petroleum (505)
512	Electrical goods (506)
513-520	not used
521	Hardware, plumbing and heating supplies (507)
522-529	not used
530	Machinery, equipment, and supplies (508)
531	Scrap and waste materials (5093)
532	Miscellaneous wholesale, durable goods (509 except 5093)
533-539	not used
540-571	Nondurable Goods
540	Paper and paper products (511)
541	Drugs, chemicals and allied products (512, 516)
542	Apparel, fabrics, and notions (513)
543-549	not used
550	Groceries and related products (514)
551	Farm-product raw materials (515)
552	Petroleum products (517)
553-559	not used
560	Alcoholic beverages (518)
561	Farm supplies (5191)
562	Miscellaneous wholesale, nondurable goods (5192-5199)
563-570	not used
571	Not specified wholesale trade
572-579	not used
580-691	RETAIL TRADE
580	Lumber and building material retailing (521, 523)
581	Hardware stores (525)
582	Retail nurseries and garden stores (526)
583-589	not used
590	Mobile home dealers (527)
591	Department stores (531)
592	Variety stores (533)
593-599	not used
600	Miscellaneous general merchandise stores (539)
601	Grocery stores (541)
602	Dairy products stores (545)
603-609	not used
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
613-619	not used
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623	Apparel and accessory stores, except shoe (56, except 566)
624-629	not used

Code	Industry
630	Shoe stores (566)
631	Furniture and home furnishings stores (571)
632	Household appliance stores (572)
633	Radio, TV, and computer stores (5731, 5734)
634-639	not used
640	Music stores (5735, 5736)
641	Eating and drinking places (58)
642	Drug stores (591)
643-649	not used
650	Liquor stores (592)
651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	Book and stationery stores (5942, 5943)
653-659	not used
660	Jewelry stores (5944)
661	Gift, novelty, and souvenir shops (5947)
662	Sewing, needlework and piece goods stores (5949)
663	Catalog and mail order houses (5961)
664-669	not used
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel dealers (598)
673-680	not used
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5948, 5993-5995, 5999)
683-690	not used
691	Not specified retail trade
692-699	not used
700-712	FINANCE, INSURANCE, AND REAL ESTATE
700	Banking (60 except 603 and 606)
701	Savings institutions, including credit unions (603, 606)
702	Credit agencies, n.e.c. (61)
703-709	not used
710	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate, including real estate-insurance offices (65)
713-720	not used
721-760	BUSINESS AND REPAIR SERVICES
721	Advertising (731)
722	Services to dwellings and other buildings (734)
723-730	not used
731	Personnel supply services (736)
732	Computer and data processing services (737)
733-739	not used
740	Detective and protective services (7381, 7382)
741	Business services, n.e.c. (732, 733, 735, 7383-7389)
742	Automotive rental and leasing, without drivers (751)
743-749	not used
750	Automotive parking and carwashes (752, 7542)
751	Automotive repair and related services (753, 7549)
752	Electrical repair shops (762, 7694)
753-759	not used
760	Miscellaneous repair services (763, 764, 7692, 7699)

Code	Industry
761-791	PERSONAL SERVICES
761	PRIVATE HOUSEHOLDS (88)
762-791	PERSONAL SERVICES, EXCEPT PRIVATE HOUSEHOLD
762	Hotels and motels (701)
763-769	not used
770	Lodging places, except hotels and motels (702, 703, 704)
771	Laundry, cleaning, and garment services (721 except part 7219)
772	Beauty shops (723)
773-779	not used
780	Barber shops (724)
781	Funeral service and crematories (726)
782	Shoe repair shops (725)
783-789	not used
790	Dressmaking shops (part 7219)
791	Miscellaneous personal services (722, 729)
792-799	not used
800-810	ENTERTAINMENT AND RECREATION SERVICES
800	Theaters and motion pictures (781-783, 792)
801	Video tape rental (784)
802	Bowling centers (793)
803-809	not used
810	Miscellaneous entertainment and recreation services (791, 794, 799)
811	not used
812-893	PROFESSIONAL AND RELATED SERVICES
812-830	MEDICAL SERVICES, EXCEPT HOSPITALS
812	Offices and clinics of physicians (801, 803)
813-819	not used
820	Offices and clinics of dentists (802)
821	Offices and clinics of chiropractors (8041)
822	Offices and clinics of optometrists (8042)
823-829	not used
830	Offices and clinics of health practitioners, n.e.c. (8043, 8049)
831	HOSPITALS (806)
832-840	MEDICAL SERVICES, EXCEPT HOSPITALS (Continued)
832	Nursing and personal care facilities (805)
833-839	not used
840	Health services, n.e.c. (807, 808, 809)
841	OTHER PROFESSIONAL SERVICES (also includes codes 872-893)
841	Legal services (81)
842-860	EDUCATIONAL SERVICES
842	Elementary and secondary schools (821)
843-849	not used
850	Colleges and universities (822)
851	Vocational schools (824)
852	Libraries (823)
853-859	not used

Code	Industry
860	Educational services, n.e.c. (829)
861-871	SOCIAL SERVICES
861	Job training and vocational rehabilitation services (833)
862	Child day care services (part 835)
863	Family child care homes (part 835)
864-869	not used
870	Residential care facilities, without nursing (836)
871	Social services, n.e.c. (832, 839)
872-893	OTHER PROFESSIONAL SERVICES (Also includes code 840)
872	Museums, art galleries, and zoos (84)
873	Labor unions (863)
874-879	not used
880	Religious organizations (866)
881	Membership organizations, n.e.c. (861, 862, 864, 865, 869)
882	Engineering, architectural, and surveying services (871)
883-889	not used
890	Accounting, auditing, and bookkeeping services (872)
891	Research, development, and testing services (873)
892	Management and public relations services (874)
893	Miscellaneous professional and related services (899)
894-899	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)

These codes correspond to Items PRDTIND1 and PRDTIND2 located in positions 472-475 of the adult record layout in all months **except** March. In **March**, these codes are located in positions 0157-0158.

Detailed Industry	**Recode**	**Industry Code**
Agriculture Service	01	012-030
Other Agriculture	02	010-011
Mining	03	040-050
Construction	04	060
Manufacturing (Durable Goods)		
Lumber and wood products, except furniture	05	230-241
Furniture and fixtures	06	242
Stone clay, glass, and concrete product	07	250-262
Primary metals	08	270-280
Fabricated metal	09	281-300
Not specified metal industries	10	301
Machinery, except electrical	11	310-332
Electrical machinery, equipment, and supplies	12	340-350
Motor vehicles and equipment	13	351
Aircraft and parts	14	352
Other transportation equipment	15	360-370
Professional and photographic equipment, and watches	16	371-382
Toys, amusements, and sporting goods	17	390
Miscellaneous and not specified manufacturing industries	18	391-392
Manufacturing (Nondurable Goods)		
Food and kindred products	19	100-122
Tobacco manufactures	20	130
Textile mill products	21	132-150
Apparel and other finished textile products	22	151-152
Paper and allied products	23	160-162
Printing, publishing and allied industries	24	171-172
Chemicals and allied products	25	180-192
Petroleum and coal products	26	200-201
Rubber and miscellaneous plastics products	27	210-212
Leather and leather products	28	220-222
Transportation	29	400-432
Communications	30	440-442
Utilities and Sanitary Services	31	450-472
Wholesale Trade	32	500-571
Eating and Drinking Places	33	641
Other Retail Trade	34	580-640, 642-691
Banking and Other Finance	35	700-710
Insurance and Real Estate	36	711-712

Detailed Industry	Recode	Industry Code
Private Household Services	37	761
Business Services	38	721-750
Repair Services	39	751-760
Personal Services, Except Private Household	40	762-791
Entertainment and Recreation Services	41	800-810
Hospitals	42	831
Health Services, Except Hospitals	43	812-830 832-840
Educational Services	44	842-860
Social Services	45	861-871
Other Professional Services	46	841,872-893
Forestry and Fisheries	47	031,032
Justice, Public Order and Safety	48	910
Administration of Human Resource Programs	49	922
National Security and Internal Affairs	50	932
Other Public Administration	51	900,901,921,930,931
Armed Forces last job, currently employed	52	991

Major Industry Recodes

(01-23)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0155-0156.

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

ATTACHMENT 11

OCCUPATION CLASSIFICATIONS

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

There are 500 categories for the employed with 1 additional category for the experienced unemployed. These categories are aggregated into 46 detailed groups and 14 major groups (see pages 12-15 through 12-17).

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

These codes correspond to Items PEIO1OCD and PEIO2OCD located in the adults record layout. These codes are located in positions 439-441 and 449-451 in all months **except** March. In **March**, these codes correspond to Item A-OCC, positions 106-108.

Code	**Occupation**
000-199	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS
000-037	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS
000-003	not used
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	not used
017	Managers, food serving and lodging establishments (1351)
018	Managers, properties and real estate (1353)
019	Funeral directors (part 1359)
020	not used
021	Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)
022	Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)
023-037	Management Related Occupations
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
030-032	not used
033	Purchasing agents and buyers, n.e.c. (1449)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, except construction (1473)
037	Management related occupations, n.e.c. (149)
038-042	not used

Code	Occupation
043-199	PROFESSIONAL SPECIALTY OCCUPATIONS
043-063	Engineers, Architects, and Surveyors
043	Architects (161)
044-059	Engineers
044	Aerospace (1622)
045	Metallurgical and materials (1623)
046	Mining (1624)
047	Petroleum (1625)
048	Chemical (1626)
049	Nuclear (1627)
050-052	not used
053	Civil (1628)
054	Agricultural (1632)
055	Electrical and electronic (1633, 1636)
056	Industrial (1634)
057	Mechanical (1635)
058	Marine and naval architects (1637)
059	Engineers, n.e.c. (1639)
060-062	not used
063	Surveyors and mapping scientists (164)
064-068	Mathematical and Computer Scientists
064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)
069-083	Natural Scientists
069	Physicists and astronomers (1842, 1843)
070-072	not used
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodesists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079	Forestry and conservation scientists (1852)
080-082	not used
083	Medical scientists (1855)
084-089	Health Diagnosing Occupations
084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089	Health diagnosing practitioners, n.e.c. (289)
090-094	not used
095-106	Health Assessment and Treating Occupations
095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
098-105	Therapists
098	Respiratory therapists (3031)
099	Occupational therapists (3032)

Code	Occupation
100-102	not used
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)
107-112	not used
113-154	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
120-122	not used
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
130-132	not used
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
140-142	not used
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
150-152	not used
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-159	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
160-162	not used
163	Counselors, Educational and Vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)

Code	Occupation
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
170-172	not used
173	Urban planners (192)
174-177	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
178	Lawyers and Judges (211-212)
179-182	not used
183-199	Writers, Artists, Entertainers, and Athletes
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)
189	Photographers (326)
190-192	not used
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
196	not used
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)
200-202	not used
203-389	TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS
203-235	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS
203-208	Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)
209-212	not used
213-235	Technologists and Technicians, Except Health
213-218	Engineering and Related Technologists and Technicians
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)
219-222	not used
223-225	Science Technicians
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)
226-235	Technicians, Except Health, Engineering, and Science

Code	Occupation
226	Airplane pilots and navigators (825)
227	Air traffic controllers (392)
228	Broadcast equipment operators (393)
229	Computer programmers (3971, 3972)
230-232	not used
233	Tool programmers, numerical control (3974)
234	Legal assistants (396)
235	Technicians, n.e.c. (399)
236-242	not used
243-285	SALES OCCUPATIONS
243	Supervisors and Proprietors, Sales Occupations (40)
244-252	not used
253-257	Sales Representatives, Finance and Business Services
253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)
258-259	Sales Representatives, Commodities, Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
260-262	not used
263-278	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
270-273	not used
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
275	Sales counter clerks (4363)
276	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
279-282	not used
283-285	Sales Related Occupations
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
286-302	not used
303-389	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL
303-307	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)
308-309	Computer Equipment Operators
308	Computer operators (4612)
309	Peripheral equipment operators (4613)

Code	Occupation
310-312	not used
313-315	Secretaries, Stenographers, and Typists
313	Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
316-323	Information Clerks
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
320-322	not used
323	Information clerks, n.e.c. (4649)
324	not used
325-336	Records Processing Occupations, Except Financial
325	Classified-ad clerks (4662)
326	Correspondence clerks (4663)
327	Order clerks (4664)
328	Personnel clerks, except payroll and timekeeping (4692)
329	Library clerks (4694)
330-334	not used
335	File clerks (4696)
336	Records clerks (4699)
337-344	Financial Records Processing Occupations
337	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
340-342	not used
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
345-347	Duplicating, Mail and Other Office Machine Operators
345	Duplicating machine operators (4722)
346	Mail preparing and paper handling machine operators (4723)
347	Office machine operators, n.e.c. (4729)
348-353	Communications Equipment Operators
348	Telephone operators (4732)
350-352	not used
353	Communications equipment operators, n.e.c. (4733, 4739)
354-357	Mail and Message Distributing Occupations
354	Postal clerks, except mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, except postal service (4744)
357	Messengers (4745)
358	not used
359-374	Material Recording, Scheduling, and Distributing Clerks
359	Dispatchers (4751)
360-362	not used
363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
367	not used
368	Weighers, measurers, checkers, and samplers (4756, 4757)
369-372	not used
373	Expediters (4758)

Code	Occupation
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)
375-378	Adjusters and Investigators
375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
379-389	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
380-382	not used
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers' aides (4795)
388	not used
389	Administrative support occupations, n.e.c. (4787, 4799)
390-402	not used
403-469	SERVICE OCCUPATIONS
403-407	PRIVATE HOUSEHOLD OCCUPATIONS
403	Launderers and ironers (503)
404	Cooks, private household (504)
405	Housekeepers and butlers (505)
406	Child care workers, private household (506)
407	Private household cleaners and servants (502, 507, 509)
408-412	not used
413-427	PROTECTIVE SERVICE OCCUPATIONS
413-415	Supervisors, Protective Service Occupations
413	Supervisors, firefighting and fire prevention occupations (5111)
414	Supervisors, police and detectives (5112)
415	Supervisors, guards (5113)
416-417	Firefighting and Fire Prevention Occupations
416	Fire inspection and fire prevention occupations (5122)
417	Firefighting occupations (5123)
418-424	Police and Detectives
418	Police and detectives, public service (5132)
419-422	not used
423	Sheriffs, bailiffs, and other law enforcement officers (5134)
424	Correctional institution officers (5133)
425-432	Guards
425	Crossing guards (5142)
426	Guards and police, except public service (5144)
427	Protective service occupations, n.e.c. (5149)
428-432	not used
433-469	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD
433-444	Food Preparation and Service Occupations
433	Supervisors, food preparation and service occupations (5211)
434	Bartenders (5212)
435	Waiters and waitresses (5213)
436	Cooks (5214, 5215)
437	not used
438	Food counter, fountain and related occupations (5216)

Code	Occupation
439	Kitchen workers, food preparation (5217)
440-442	not used
443	Waiters'/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)
445-447	Health Service Occupations
445	Dental assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
448-455	Cleaning and Building Service Occupations, Except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
450-452	not used
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Pest control occupations (5246)
456-469	Personal Service Occupations
456	Supervisors, personal service occupations (5251)
457	Barbers (5252)
458	Hairdressers and cosmetologists (5253)
459	Attendants, amusement and recreation facilities (5254)
460	not used
461	Guides (5255)
462	Ushers (5256)
463	Public transportation attendants (5257)
464	Baggage porters and bellhops (5262)
465	Welfare service aides (5263)
466	Family child care providers (part 5264)
467	Early childhood teacher's assistants (part 5264)
468	Child care workers, n.e.c. (part 5264)
469	Personal service occupations, n.e.c. (5258, 5269)
470-472	not used
473-499	FARMING, FORESTRY, AND FISHING OCCUPATIONS
473-476	Farm Operators and Managers
473	Farmers, except horticultural (5512-5514)
474	Horticultural specialty farmers (5515)
475	Managers, farms, except horticultural (5522-5524)
476	Managers, horticultural specialty farms (5525)
477-489	Other Agricultural and Related Occupations
477-484	Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
478	not used
479	Farm workers (5612-5617)
480-482	not used
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
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

Code	Occupation
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 (part 8241)
498	Fishers (583)
499	Hunters and trappers (584)
500-502	not used
503-699	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS
503-552	Mechanics and Repairers
503	Supervisors, mechanics and repairers (60)
504	not used
505-549	Mechanics and Repairers, Except Supervisors
505-517	Vehicle and Mobile Equipment Mechanics and Repairers
505	Automobile mechanics (part 6111)
506	Automobile mechanic apprentices (part 6111)
507	Bus, truck, and stationary engine mechanics (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
510-513	not used
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, except engine (6116)
516	Heavy equipment mechanics (6117)
517	Farm equipment mechanics (6118)
518	Industrial machinery repairers (613)
519	Machinery maintenance occupations (614)
520-522	not used
523-533	Electrical and Electronic Equipment Repairers
523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
524	not used
525	Data processing equipment repairers (6154)
526	Household appliance and power tool repairers (6156)
527	Telephone line installers and repairers (6157)
528	not used
529	Telephone installers and repairers (6158)
530-532	not used
533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534	Heating, air conditioning, and refrigeration mechanics (616)
535-549	Miscellaneous Mechanics and Repairers
535	Camera, watch, and musical instrument repairers (6171, 6172)
536	Locksmiths and safe repairers (6173)
537	not used
538	Office machine repairers (6174)
539	Mechanical controls and valve repairers (6175)
540-542	not used
543	Elevator installers and repairers (6176)
544	Millwrights (6178)
545-546	not used
547	Specified mechanics and repairers, n.e.c. (6177, 6179)
548	not used
549	Not specified mechanics and repairers
550-552	not used
553-599	Construction Trades

Code	Occupation
553-558	Supervisors, Construction Occupations
553	Supervisors, brickmasons, stonemasons, and tile setters (6312)
554	Supervisors, carpenters and related workers (6313)
555	Supervisors, electricians and power transmission installers (6314)
556	Supervisors, painters, paperhangers, and plasterers (6315)
557	Supervisors, plumbers, pipefitters, and steamfitters (6316)
558	Supervisors, construction, n.e.c. (6311, 6318)
559-562	not used
563-599	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (part 6412, part 6413)
564	Brickmason and stonemason apprentices (part 6412, part 6413)
565	Tile setters, hard and soft (part 6414, part 6462)
566	Carpet installers (part 6462)
567	Carpenters (part 6422)
568	not used
569	Carpenter apprentices (part 6422)
570-572	not used
573	Drywall installers (6424)
574	not used
575	Electricians (part 6432)
576	Electrician apprentices (part 6432)
577	Electrical power installers and repairers (6433)
578	not used
579	Painters, construction and maintenance (6442)
582	not used
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (part 645)
586	not used
587	Plumber, pipefitter, and steamfitter apprentices (part 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
590-592	not used
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)
600-612	not used
613-617	Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)
618-627	not used
628-699	Precision Production Occupations
628	Supervisors, production occupations (67, 71)
629-633	not used
634-655	Precision Metal Working Occupations
634	Tool and die makers (part 6811)
635	Tool and die maker apprentices (part 6811)

Code	Occupation
636	Precision assemblers, metal (6812)
637	Machinists (part 6813)
638	not used
639	Machinist apprentices (part 6813)
640-642	not used
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
648	not used
649	Engravers, metal (6823)
650-652	not used
653	Sheet metal workers (part 6824)
654	Sheet metal worker apprentices (part 6824)
655	Miscellaneous precision metal workers (6829)
656-659	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
660-665	not used
666-674	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (part 6852, part 7752)
667	Tailors (part 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
670-673	not used
674	Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752)
675-684	Precision Workers, Assorted Materials
675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, part 7477, part 7677)
678	Dental laboratory and medical appliance technicians (6865)
679	Bookbinders (6844)
680-682	not used
683	Electrical and electronic equipment assemblers (6867)
684	Miscellaneous precision workers, n.e.c. (6869)
685	not used
686-688	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 (part 693)
696	Stationary engineers (part 693, 7668)
697-698	not used
699	Miscellaneous plant and system operators (692, 694, 695, 696)
700-702	not used

Code	Occupation
703-889	OPERATORS, FABRICATORS, AND LABORERS
703-799	MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS
703-779	Machine Operators and Tenders, Except Precision
703-715	Metal Working and Plastic Working Machine Operators
703	Lathe and turning machine set-up operators (7312)
704	Lathe and turning machine operators (7512)
705	Milling and planing machine operators (7313, 7513)
706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	Rolling machine operators (7316, 7516)
708	Drilling and boring machine operators (7318, 7518)
709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
710-712	not used
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
716	not used
717	Fabricating machine operators, n.e.c. (7339, 7539)
718	not used
719-725	Metal and Plastic Processing Machine Operators
719	Molding and casting machine operators (7315, 7342, 7515, 7542)
720-722	not used
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)
726-733	Woodworking Machine Operators
726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nailing and tacking machine operators (7636)
730-732	not used
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
734-737	Printing Machine Operators
734	Printing press operators (7443, 7643)
735	Photoengravers and lithographers (6842, 7444, 7644)
736	Typesetters and compositors (6841, 7642)
737	Miscellaneous printing machine operators (6849, 7449, 7649)
738-749	Textile, Apparel, and Furnishings Machine Operators
738	Winding and twisting machine operators (7451, 7651)
739	Knitting, looping, taping, and weaving machine operators (7452, 7652)
740-742	not used
743	Textile cutting machine operators (7654)
744	Textile sewing machine operators (7655)
745	Shoe machine operators (7656)
746	not used
747	Pressing machine operators (7657)
748	Laundering and dry cleaning machine operators (6855, 7658)
749	Miscellaneous textile machine operators (7459, 7659)
750-752	not used
753-779	Machine Operators, Assorted Materials
753	Cementing and gluing machine operators (7661)
754	Packaging and filling machine operators (7462, 7662)
755	Extruding and forming machine operators (7463, 7663)
756	Mixing and blending machine operators (7664)
757	Separating, filtering, and clarifying machine operators (7476, 7666, 7676)

Code	Occupation
758	Compressing and compacting machine operators (7467, 7667)
759	Painting and paint spraying machine operators (7669)
760-762	not used
763	Roasting and baking machine operators, food (7472, 7672)
764	Washing, cleaning, and pickling machine operators (7673)
765	Folding machine operators (7474, 7674)
766	Furnace, kiln, and oven operators, except food (7675)
767	not used
768	Crushing and grinding machine operators (part 7477, part 7677)
769	Slicing and cutting machine operators (7478, 7678)
770-772	not used
773	Motion picture projectionists (part 7479)
774	Photographic process machine operators (6863, 6868, 7671)
775-776	not used
777	Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)
778	not used
779	Machine operators, not specified
780-782	not used
783-795	Fabricators, Assemblers, and Hand Working Occupations
783	Welders and cutters (7332, 7532, 7714)
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	not used
795	Miscellaneous hand working occupations (7758, 7759)
796-799	Production Inspectors, Testers, Samplers, and Weighers
796	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783)
798	Production samplers and weighers (784)
799	Graders and sorters, except agricultural (785)
800-802	not used
803-859	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS
803-814	Motor Vehicle Operators
803	Supervisors, motor vehicle operators (8111)
804	Truck drivers (8212-8214)
805	not used
806	Driver-sales workers (8218)
807	not used
808	Bus drivers (8215)
809	Taxicab drivers and chauffeurs (8216)
810-812	not used
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)
815-822	not used
823-834	Transportation Occupations, Except Motor Vehicles
823-826	Rail Transportation Occupations
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)

Code	Occupation
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
827	not used
828-834	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (part 8241, 8242)
829	Sailors and deckhands (8243)
830-832	not used
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
835-842	not used
843-859	Material Moving Equipment Operators
843	Supervisors, material moving equipment operators (812)
844	Operating engineers (8312)
845	Longshore equipment operators (8313)
846-847	not used
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
850-852	not used
853	Excavating and loading machine operators (8316)
854	not used
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
857-858	not used
859	Miscellaneous material moving equipment operators (8319)
860-863	not used
864-889	HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS
864	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
865	Helpers, mechanics, and repairers (863)
866-868	Helpers, Construction, and Extractive Occupations
866	Helpers, construction trades (8641-8645, 8648)
867	Helpers, surveyor (8646)
868	Helpers, extractive occupations (865)
869	Construction laborers (871)
870-873	not used
874	Production helpers (861, 862)
875-883	Freight, Stock, and Material Handlers
875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)
878	Machine feeders and offbearers (8725)
879-882	not used
883	Freight, stock, and material handlers, n.e.c. (8726)
884	not used
885	Garage and service station related occupations (873)
886	not used
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
890-904	not used
905	Assigned to persons whose current labor force status is unemployed and whose last job was Armed Forces.

Detailed Occupation Recodes
(01-46)

These codes correspond to the Items PRDTOCC1 and PRDTOCC2 located in positions 476-479 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0161-0162.

Detailed Occupation	**Recode**	**Occupation Code**
Administrators and Officials, Public Administration	01	004-006
Other Executive, Administrators, and Managers	02	007-022
Management Related Occupations	03	023-037
Engineers	04	044-059
Mathematical and Computer Scientists	05	064-068
Natural Scientists	06	069-083
Health Diagnosing Occupations	07	084-089
Health Assessment and Treating Occupations	08	095-106
Teachers, College and University	09	113-154
Teachers, Except College and University	10	155-159
Lawyers and Judges	11	178-179
Other Professional Specialty Occupations	12	043,063, 163-177, 183-199
Health Technologists and Technicians	13	203-208
Engineering and Science Technicians	14	213-225
Technicians, Except Health Engineering, and Science	15	226-235
Supervisors and Proprietors, Sales Occupations	16	243
Sales Representatives, Finance, and Business Service	17	253-257
Sales Representatives, Commodities, Except Retail	18	258-259
Sales Workers, Retail and Personal Services	19	263-278
Sales Related Occupations	20	283-285
Supervisors - Administrative Support	21	303-307
Computer Equipment Operators	22	308-309
Secretaries, Stenographers, and Typists	23	313-315
Financial Records, Processing Occupations	24	337-344
Mail and Message Distributing	25	354-357
Other Administrative Support Occupations, Including Clerical	26	316-336, 345-353, 359-389
Private Household Service Occupations	27	403-407
Protective Service Occupations	28	413-427
Food Service Occupations	29	433-444
Health Service Occupations	30	445-447
Cleaning and Building Service Occupations	31	448-455

Detailed Occupation	Recode	Occupation Code
Personal Service Occupations	32	456-469
Mechanics and Repairers	33	503-549
Construction Trades	34	553-599
Other Precision Production Occupations	35	613-699
Machine Operators and Tenders, Except Precision	36	703-779
Fabricators, Assemblers, Inspectors, and Samplers	37	783-799
Motor Vehicle Operators	38	803-814
Other Transportation Occupations and Material Moving	39	823-859
Construction Laborer	40	869
Freight, Stock and Material Handlers	41	875-883
Other Handlers, Equipment Cleaners, and Laborers	42	864-868 874, 885-889
Farm Operators and Managers	43	473-476
Farm Workers and Related Occupations	44	477-489
Forestry and Fishing Occupations	45	494-499
Armed Forces last job, currently unemployed	46	905

Major Occupation Group Recodes
(01-14)

These codes correspond to Items PRMJOCC1 and PRMJOCC2 located in positions 486-489 of the adults record layout in all months **except** March. In **March**, these codes are located in positions 0159-0160.

Occupation Group	**Recode**	**Occupation Code**
Managerial and professional specialty occupations		
Executive, administrative, and managerial occupations	01	004-037
Professional specialty occupations	02	043-199
Technical, sales, and administrative support occupations		
Technicians and related support occupations	03	203-235
Sales occupations	04	243-285
Administrative support occupations, including clerical	05	303-389
Service Occupations		
Private household occupations	06	403-407
Protective service occupations	07	413-427
Service occupations, except protective and household	08	433-469
Precision production, craft, and repair occupations	09	503-699
Operators, fabricators, and laborers		
Machine operators, assemblers, and inspectors	10	703-799
Transportation and material moving equipment occupations	11	803-859
Handlers, equipment cleaners, helpers, and laborers	12	864-889
Farming, forestry, and fishing occupations	13	473-499
Armed Forces last job, currently unemployed	14	905

ATTACHMENT 12

Specific Metropolitan Identifiers

The specific metropolitan identifiers on this file are based on the Office of Management and Budget's June 30, 1993 definitions. MSA's and PMSA's can be identified by using the FIPS MSA/PMSA code (List 3). Identification of individual central cities is based on acombination of codes (List 2). Individual central cities are identified by the appropriate central city code and the FIPS MSA/PMSA code. Some examples of the proper coding of specific metropolitan areas are given below:

AREA	INDIVIDUAL CENTRAL CITY CODE (GEINDVCC)	FIPS MSA/PMSA CODE (GEMSA)	FIPS CMSA CODE (GECMSA)
	List 4	List 2 or 3	List 1 or 2
Dallas-Fort Worth, TX CMSA	N/C	1920 and 2800	31
Fort Worth-Arlington, TX PMSA	N/C	2800	N/C
Fort Worth, TX Central City	1	2800	N/C
Phoenix, AZ MSA	N/C	6200	N/C
Mesa, AZ Central City	2	6200	N/C
Burlington, VT MSA	N/C	1305	N/C

N/C = No Code Required

NOTE:

Many of the smaller metropolitan areas in sample do not contain central city/balance breakdowns and hence, are coded "not identifiable" in the household metropolitan statistical area residence status code (GEMSAST). It is recommended that this code in conjunction with the modified household metropolitan statistical area residence status code (GEMETSTA) be used for tallying metropolitan residence status for national and other grouped data. The GE in each variable name refers to Household Geographic.

LIST 1: CMSA CODE (GECMSA)

FIPS CODE (GECMSA)	CMSA TITLE
07	Boston-Worcester-Lawrence, MA-NH-ME-CT
14	Chicago-Gary-Kenosha, IL-IN-WI (Kenosha, WI and Kankakee, IL PMSA's not in sample)
21	Cincinnati-Hamilton, OH-KY-IN
28	Cleveland-Akron, OH
31	Dallas-Fort Worth, TX
34	Denver-Boulder-Greeley, CO
35	Detroit-Ann Arbor-Flint, MI
42	Houston-Galveston-Brazoria, TX
49	Los Angeles-Riverside-Orange County, CA
56	Miami-Fort Lauderdale, FL
63	Milwaukee-Racine, WI
70	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA
77	Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD
79	Portland-Salem, OR-WA
82	Sacramento-Yolo, CA
84	San Francisco-Oakland-San Jose, CA (Santa Cruz-Watsonville, CA PMSA not in sample)
91	Seattle-Tacoma-Bremerton, WA (Bremerton, WA PMSA not in sample)
97	Washington-Baltimore, DC-MD-VA-WV

See List 2 or 3 for identification information on all PMSA's in sample.

LIST 2: PMSA'S WITHIN CMSA'S

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
07		Boston-Worcester-Lawrence, MA-NH-ME-CT CMSA
	1120	Boston, MA-NH*
	1200	Brockton, MA
	2600	Fitchburg-Leominster, MA
	4160	Lawrence, MA-NH*
	4560	Lowell, MA-NH*
	4760	Manchester, NH
	5350	Nashua, NH
	5400	New Bedford, MA
	6450	Portsmouth-Rochester, NH-ME (Maine portion notidentified)
	9240	Worcester, MA-CT (Connecticut portion suppressed)
14		Chicago-Gary-Kenosha, IL-IN-WI CMSA (The Kankakee, IL and Kenosha, WI PMSA's are not in sample)
	1600	Chicago, IL (Dekalb County not in sample)
	2960	Gary-Hammond, IN
21		Cincinnati-Hamilton, OH-KY-IN CMSA
	1640	Cincinnati, OH-KY-IN (Dearborn County, IN not identified; Ohio County, IN not in sample)
	3200	Hamilton-Middletown, OH
28		Cleveland-Akron, OH CMSA
	0080	Akron, OH
79	1680	Cleveland-Lorain-Elyria, OH
31		Dallas-Fort Worth, TX CMSA
	1920	Dallas, TX
	2800	Fort Worth-Arlington, TX
34		Denver-Boulder-Greeley, CO CMSA
	1125	Boulder-Longmont, CO
	2080	Denver, CO
	3060	Greeley, CO
35		Detroit-Ann Arbor-Flint, MI CMSA
	0440	Ann Arbor, MI
	2160	Detroit, MI
	2640	Flint, MI

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
42		Houston-Galveston-Brazoria, TX CMSA
	1145	Brazoria, TX
	2920	Galveston-Texas City, TX
	3360	Houston, TX (Chambers County not in sample)
49		Los Angeles-Riverside-Orange County, CA CMSA
	4480	Los Angeles-Long Beach, CA
	5945	Orange County, CA
	6780	Riverside-San Bernardino, CA
	8735	Ventura, CA
56		Miami-Fort Lauderdale, FL CMSA
	2680	Fort Lauderdale, FL
	5000	Miami, FL
63		Milwaukee-Racine, WI CMSA
	5080	Milwaukee-Waukesha, WI
	6600	Racine, WI
70		New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA
	0875	Bergen-Passaic, NJ
	1160	Bridgeport, CT
	1930	Danbury, CT
	2281	Dutchess County, NY
	3640	Jersey City, NJ
	5015	Middlesex-Somerset-Hunterdon, NJ
	5190	Monmouth-Ocean, NJ
	5380	Nassau-Suffolk, NY
	5480	New Haven-Meriden, CT
	5600	New York, NY (White Plains Central City recoded as balance of PMSA)
	5640	Newark, NJ
	5660	Newburgh, NY-PA (Pennsylvania portion not identified)
	8040	Stamford-Norwalk, CT
	8480	Trenton, NJ
	8880	Waterbury, CT
77		Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA
	0560	Atlantic-Cape May, NJ
	6160	Philadelphia, PA-NJ
	8760	Vineland-Millville-Bridgeton, NJ
	9160	Wilmington-Newark, DE-MD (Maryland portion suppressed)

FIPS CMSA CODE (GECMSA)	FIPS PMSA CODE (GEMSA)	TITLE
79		Portland-Salem, OR-WA CMSA
	6440	Portland-Vancouver, OR-WA
	7080	Salem, OR
82		Sacramento-Yolo, CA CMSA
	6920	Sacramento, CA
	9270	Yolo, CA
84		San Francisco-Oakland-San Jose, CA CMSA (Santa Cruz-Watsonville, CA PMSA not in sample)
	5775	Oakland, CA
	7360	San Francisco, CA
	7400	San Jose, CA
	7500	Santa Rosa, CA
	8720	Vallejo-Fairfield-Napa, CA
91		Seattle-Tacoma-Bremerton, WA CMSA (Bremerton, WA PMSA not in sample)
	5910	Olympia, WA
	7600	Seattle-Bellevue-Everett, WA
	8200	Tacoma, WA
97		Washington-Baltimore, DC-MD-VA-WV CMSA
	0720	Baltimore, MD
	3180	Hagerstown, MD
	8840	Washington, DC-MD-VA-WV (West Virginia portion not identified)

* The New Hampshire portions of these PMSA's are not individually identified; but, they are collectively identified as being in the Boston CMSA.

LIST 3: FIPS MSA/PMSA CODES (GECMSA)

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
0080	Akron, OH PMSA
0160	Albany-Schenectady-Troy, NY MSA (Schohaire County not in sample)
0200	Albuquerque, NM MSA
0240	Allentown-Bethlehem-Easton, PA MSA
0380	Anchorage, AK MSA
0440	Ann Arbor, MI PMSA
0450	Anniston, AL MSA
0460	Appleton-Oshkosh-Neenah, WI MSA
0480	Asheville, NC MSA (Madison County not in sample)
0520	Atlanta, GA MSA
0560	Atlantic-Cape May, NJ PMSA
0600	Augusta-Aiken, GA-SC MSA
0640	Austin-San Marcos, TX MSA
0680	Bakersfield, CA MSA
0720	Baltimore, MD PMSA
0760	Balton Rouge, LA MSA
0840	Beaumont-Port Arthur, TX MSA
0860	Bellingham, WA MSA
0870	Benton Harbor, MI MSA
0875	Bergen-Passaic, NJ PMSA
0960	Binghamton, NY MSA
1000	Birmingham, AL MSA
1080	Boise City, ID MSA
1120	Boston, MA-NH PMSA (New Hampshire portion not identified)
1125	Boulder-Longmont, CO PMSA
1145	Brazoria, TX PMSA
1160	Bridgeport, CT PMSA
1200	Brockton, MA PMSA
1240	Brownsville-Harlingen-San Benito, TX MSA
1280	Buffalo-Niagara Falls, NY MSA
1305	Burlington, VT MSA
1320	Canton-Massillon, OH MSA
1360	Cedar Rapids, IA MSA
1440	Charleston-North Charleston, SC MSA
1480	Charleston, WV MSA
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA
1560	Chattanooga, TN-GA MSA
1600	Chicago, IL PMSA (Dekalb County not in sample)
1620	Chico-Paradise, CA MSA
1640	Cincinnati, OH-KY-IN PMSA (Dearborn County, IN not identified; Ohio County, IN not in sample)

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
1660	Clarksville-Hopkinsville, TN-KY MSA (Kentucky portion not in sample)
1680	Cleveland-Lorain-Elyria, OH PMSA
1720	Colorado Springs, CO MSA
1760	Columbia, SC MSA
1800	Columbus, GA-AL MSA (Alabama portion not in sample)
1840	Columbus, OH MSA
1880	Corpus Christi, TX MSA
1920	Dallas, TX PMSA
1930	Danbury, CT PMSA
1960	Davenport-Moline-Rock Island, IA-IL MSA
2000	Dayton-Springfield, OH MSA
2020	Daytona Beach, FL MSA
2030	Decatur, AL MSA
2040	Decatur, IL MSA
2080	Denver, CO PMSA
2120	Des Moines, IA MSA
2160	Detroit, MI PMSA
2190	Dover, DE MSA
2240	Duluth-Superior, MN-WI MSA (Wisconsin portion not identified)
2281	Dutchess County, NY PMSA
2290	Eau Claire, WI MSA
2320	El Paso, TX MSA
2360	Erie, PA MSA
2400	Eugene-Springfield, OR MSA
2440	Evansville-Henderson, IN-KY MSA (Kentucky portion not identified)
2520	Fargo-Moorhead, ND-MN MSA (Minnesota portion not identified)
2560	Fayetteville, NC MSA
2580	Fayetteville-Springdale-Rogers, AR MSA
2600	Fitchburg-Leominster, MA PMSA
2640	Flint, MI PMSA
2650	Florence, AL MSA
2670	Fort Collins-Loveland, CO MSA
2680	Fort Lauderdale, FL PMSA
2700	Fort Myers-Cape Coral, FL MSA
2710	Fort Pierce-Port St. Lucie, FL MSA
2720	Fort Smith, AR-OK MSA (Oklahoma portion not in sample)
2750	Fort Walton Beach, FL MSA
2760	Fort Wayne, IN MSA (Adams, Huntington, and Wells Counties not in sample)
2800	Fort Worth-Arlington, TX PMSA
2840	Fresno, CA MSA
2900	Gainesville, FL MSA
2920	Galveston-Texas City, TX PMSA
2960	Gary, IN PMSA
3000	Grand Rapids-Muskegon-Holland, MI MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
3060	Greeley, CO PMSA
3080	Green Bay, WI MSA
3120	Greenboro-Winston Salem-High Point, NC MSA
3150	Greenville, NC MSA
3160	Greenville-Spartanburg-Anderson, SC MSA
3180	Hagerstown, MD PMSA
3200	Hamilton-Middletown, OH PMSA
3240	Harrisburg-Lebanon-Carlisle, PA MSA
3280	Hartford, CT MSA
3290	Hickory-Morgantown, NC MSA (Caldwell County not in sample)
3320	Honolulu, HI MSA
3350	Houma, LA MSA
3360	Houston, TX PMSA (Chambers County not in sample)
3400	Huntington-Ashland, WV-KY-OH MSA (Kentucky and Ohio portions not identified)
3440	Huntsville, AL MSA (Limestone County not in sample)
3480	Indianapolis, IN MSA (Madison County not in sample)
3520	Jackson, MI MSA
3560	Jackson, MS MSA
3600	Jacksonville, FL MSA
3610	Jamestown, NY MSA
3640	Jersey City, NJ PMSA
3660	Johnson City-Kingsport-Bristol, TN-VA MSA (Virginia portion not identified)
3680	Johnstown, PA MSA
3720	Kalamazoo-Battle Creek, MI MSA (Van Buren County not in sample)
3760	Kansas City, MO-KS MSA
3840	Knoxville, TN MSA
3880	Lafayette, LA MSA (Acadia Parish not in sample)
3960	Lake Charles, LA MSA
3980	Lakeland-Winter Haven, FL MSA
4000	Lancaster, PA MSA
4040	Lansing-East Lansing, MI MSA
4080	Laredo, TX MSA
4100	Las Cruces, NM MSA
4120	Las Vegas, NV-AZ MSA (Nye County, NV and Mohave County, AZ not in sample)
4160	Lawrence, MA-NH PMSA (New Hampshire portion not identified)
4280	Lexington, KY MSA (Madison County not in sample)
4360	Lincoln, NE MSA
4400	Little Rock-North Little Rock, AR MSA
4480	Los Angeles-Long Beach, CA PMSA
4520	Louisville, KY-IN MSA (Scott County, IN not in sample)
4560	Lowell, MA-NH PMSA (New Hampshire portion not identified)
4600	Lubbock, TX MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
4680	Macon, GA MSA (Twiggs County not in sample)
4720	Madison, WI MSA
FIPS	
4760	Manchester, NH PMSA
4880	McAllen-Edinburg-Mission, TX MSA
4890	Medford-Ashland, OR MSA
4900	Melbourne-Titusville-Palm Bay, FL MSA
4920	Memphis, TN-AR-MS MSA (Arkansas and Mississippi portions not identified)
4940	Merced, CA MSA
5000	Miami, FL PMSA
5015	Middlesex-Somerset-Hunterdon, NJ PMSA
5080	Milwaukee-Waukesha, WI PMSA
5120	Minneapolis-St., Paul, MN-WI MSA (St. Croix County, WI not identified; Pierce County, WI not in sample)
5160	Mobile, AL MSA
5170	Modesto, CA MSA
5190	Monmouth-Ocean, NJ PMSA
5200	Monroe, LA MSA
5240	Montgomery, AL MSA
5330	Myrtle Beach, SC MSA
5345	Naples, FL MSA
5350	Nashua, NH PMSA
5360	Nashville, TN MSA
5380	Nassau-Suffolk, NY PMSA
5400	New Bedford, MA PMSA
5480	New Haven-Meriden, CT PMSA
5520	New London-Norwich, CT-RI MSA (Rhode Island portion suppressed)
5560	New Orleans, LA MSA
5600	New York, NY PMSA (White Plains Central City recoded to balance of PMSA)
5640	Newark, NJ PMSA
5660	Newburgh, NY-PA PMSA (Pennsylvania portion not identified)
5720	Norfolk-Virginia Beach-Newport News, VA-NC MSA (Mathews County, VA not in sample; North Carolina portion not identified)
5775	Oakland, CA PMSA
5790	Ocala, FL MSA
5800	Odessa-Midland, TX MSA (Ector County not in sample)
5880	Oklahoma City, OK MSA
5910	Olympia, WA PMSA
5920	Omaha, NE-IA MSA (Iowa portion not identified)
5945	Orange County, CA PMSA
5960	Orlando, FL MSA
6015	Panama City, FL MSA
6080	Pensacola, FL MSA
6120	Peoria-Pekin, IL MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
6160	Philadelphia, PA-NJ PMSA
6200	Phoenix-Mesa, AZ MSA
6280	Pittsburgh, PA MSA
6400	Portland, ME MSA
6440	Portland-Vancouver, OR-WA PMSA
6450	Portsmouth-Rochester, NH-ME PMSA (Maine portion not identified)
6480	Providence-Fall River-Warwick, RI-MA MSA (Newport County, RI portion suppressed)
6520	Provo-Orem, UT MSA
6560	Pueblo, CO MSA
6580	Punta Gorda, FL MSA
6600	Racine, WI PMSA
6640	Raleigh-Durham-Chapel Hill, NC MSA
6680	Reading, PA MSA
6720	Reno, NV MSA
6760	Richmond-Petersburg, VA MSA
6780	Riverside-San Bernardino, CA PMSA
6800	Roanoke, VA MSA
6840	Rochester, NY MSA
6880	Rockford, IL MSA
6920	Sacramento, CA PMSA
6960	Saginaw-Bay City-Midland, MI MSA
7040	St. Louis, MO-IL MSA (Crawford County, MO [part] not in sample)
7080	Salem, OR PMSA
7120	Salinas, CA MSA
7160	Salt Lake City-Ogden, UT MSA
7240	San Antonio, TX MSA
7320	San Diego, CA MSA
7360	San Francisco, CA PMSA
7400	San Jose, CA PMSA
7460	San Luis Obispo-Atascadero-Paso Robles, CA MSA
7480	Santa Barbara-Santa Maria-Lompoc, CA MSA
7490	Santa Fe, NM MSA
7500	Santa Rosa, CA PMSA
7510	Sarasota-Bradenton, FL MSA
7560	Scranton-Wilkes Barre-Hazelton, PA MSA
7600	Seattle-Bellevue-Everett, WA PMSA
7680	Shreveport-Bossier City, LA MSA
7760	Sioux Falls, SD MSA (Central City portion only identified)
7800	South Bend, IN MSA
7840	Spokane, WA MSA
7880	Springfield, IL MSA
7920	Springfield, MO MSA (Webster County not in sample)
8000	Springfield, MA MSA

FIPS MSA/PMSA CODE (GEMSA)	MSA/PMSA TITLE
8040	Stamford-Norwalk, CT PMSA
8120	Stockton-Lodi, CA MSA
8160	Syracuse, NY MSA (Cayuga County not in sample)
8200	Tacoma, WA PMSA
8240	Tallahassee, FL MSA
8280	Tampa-St. Petersburg-Clearwater, FL MSA
8400	Toledo, OH MSA
8440	Topeka, KS MSA (Central City portion only identified)
8480	Trenton, NJ PMSA
8520	Tucson, AZ MSA
8560	Tulsa, OK MSA
8600	Tuscaloosa, AL MSA
8680	Utica-Rome, NY MSA
8720	Vallejo-Fairfield-Napa, CA PMSA
8735	Ventura, CA PMSA
8760	Vineland-Millville-Bridgeton, NJ PMSA
8780	Visalia-Tulare-Porterville, CA MSA
8800	Waco, TX MSA
8840	Washington, DC-MD-VA-WV PMSA (West Virginia portion not identified)
8880	Waterbury, CT PMSA
8920	Waterloo-Cedar Falls, IA MSA
8960	West Palm Beach-Boca Raton, FL MSA
9000	Wheeling, WV-OH MSA (Ohio portion not identified)
9040	Wichita, KS MSA
9160	Wilmington-Newark, DE-MD PMSA (Maryland portion suppressed)
9200	Wilmington, NC MSA (Brunswick County not in sample)
9240	Worcester, MA-CT PMSA (Connecticut portion suppressed)
9270	Yolo, CA PMSA
9280	York, PA MSA
9320	Youngstown-Warren, OH MSA
9340	Yuba City, CA MSA
9360	Yuma, AZ MSA

LIST 4: CENTRAL CITY CODES (GEINDVCC)

GEMSA		GEINDVCC
0160	Albany-Schenectady-Troy, NY MSA	
	Albany	1
	Others	0
1120	Boston, MA-NH PMSA	
	Boston	1
	Others	0
1520	Charlotte-Gastonia-Rock Hill, NC-SC MSA	
	Charlotte	1
	Others	0
1600	Chicago, IL PMSA	
	Chicago	1
	Others	0
1680	Cleveland-Lorain-Elyria, OH PMSA	
	Cleveland	1
	Others	0
1920	Dallas, TX PMSA	
	Dallas	1
	Others	0
2000	Dayton-Springfield, OH MSA	
	Dayton	1
	Others	0
2160	Detroit, MI PMSA	
	Detroit	1
	Others	0
2800	Fort Worth-Arlington, TX PMSA	
	Fort Worth	1
	Arlington	2
3120	Greensboro-Winston-Salem-High Point, NC MSA	
	Greensboro	1
	Winston-Salem	2
	Others	0
4400	Little Rock-North Little Rock, AR MSA	
	Little Rock	1
	Others	0

GEMSA		GEINDVCC
4480	Los Angeles-Long Beach, CA PMSA	
	Los Angeles	1
	Long Beach	2
	Others	0
5120	Minneapolis-St. Paul, MN MSA	
	Minneapolis	1
	St. Paul	2
5720	Norfolk-Virginia Beach-Newport News, VA-NC MSA	
	Norfolk	1
	Virginia Beach	2
	Newport News	3
	Hampton	4
	Others	0
5775	Oakland, CA PMSA	
	Oakland	1
	Others	0
5880	Oklahoma City, OK MSA	
	Oklahoma City	1
	Others	0
5945	Orange County, CA PMSA	
	Santa Ana	1
	Anaheim	2
	Irvine	3
6200	Phoenix-Mesa, AZ MSA	
	Phoenix	1
	Mesa	2
	Tempe	3
	Scottsdale	4
6480	Providence-Fall River-Warwick, RI-MA MSA	
	Providence	1
	Others	0

GEMSA		GEINDVCC
6640	Raleigh-Durham-Chapel Hill, NC MSA	
	Raleigh	1
	Others	0
6780	Riverside-San Bernardino, CA PMSA	
	Riverside	1
	San Bernardino	2
	Others	0
7320	San Diego, CA MSA	
	San Diego	1
	Others	0
7400	San Jose, CA PMSA	
	San Jose	1
	Sunnyvale	2
	Others	0
7600	Seattle-Bellevue-Everett, WA PMSA	
	Seattle	1
	Others	0
8000	Springfield, MA MSA	
	Springfield	1
	Others	0
8280	Tampa-St. Petersburg-Clearwater, FL MSA	
	Tampa	1
	Others	0
8720	Vallejo-Fairfield-Napa, CA PMSA	
	Vallejo	1
	Others	0

LIST 5: COUNTY CODE LIST (GECO)

FIPS COUNTY CODE	
	ALABAMA
015	CALHOUN
073	JEFFERSON
089	MADISON
125	TUSCALOOSA
	ALASKA
020	ANCHORAGE
	ARIZONA
013	MARICOPA
019	PIMA
021	PINAL
025	YAVAPAI
027	YUMA
	CALIFORNIA
001	ALAMEDA
007	BUTTE
013	CONTRA COSTA
017	EL DORADO
029	KERN
037	LOS ANGELES
041	MARIN
047	MERCED
053	MONTERAY
059	ORANGE
061	PLACER
067	SACRAMENTO
073	SAN DIEGO
075	SAN FRANCISCO
077	SAN JOAQUIN

FIPS COUNTY CODE	
079	SAN LUIS OBISPO
081	SAN MATEO
083	SANTA BARBARA
085	SANTA CLARA
097	SONOMA
099	STANISLAUS
107	TULARE
111	VENTURA
113	YOLO

COLORADO

005	ARAPAHOE
013	BOULDER
031	DENVER
041	EL PASO
059	JEFFERSON
069	LARIMER
101	PUEBLO
123	WELD

DELAWARE

001	KENT
003	NEW CASTLE
005	SUSSEX

DISTRICT OF COLUMBIA

001	DISTRICT OF COLUMBIA

FLORIDA

001	ALACHUA
005	BAY
009	BREVARD
011	BROWARD
015	CHARLOTTE
019	CLAY
021	COLLIER

FIPS COUNTY CODE	
025	DADE
053	HERNANDO
057	HILLSBOROUGH
069	LAKE
071	LEE
081	MANATEE
083	MARION
091	OKALOOSA
095	ORANGE
097	OSCEOLA
099	PALM BEACH
101	PASCO
103	PINELLAS
105	POLK
115	SARASOTA
117	SEMINOLE

GEORGIA

063	CLAYTON
067	COBB
089	DEKALB
121	FULTON
135	GWINNETT

HAWAII

003	HONOLULU

ILLINOIS

099	LASALLE
115	MACON

FIPS COUNTY CODE	
	INDIANA
057	HAMILTON
089	LAKE
091	LAPORTE
127	PORTER
141	ST. JOSEPH
	IOWA
013	BLACK HAWK
113	LINN
163	SCOTT
	KANSAS
177	SHAWNEE
	KENTUCKY
117	KENTON
	LOUISIANA
019	CALCASIEU
033	EAST BATON ROUGE
051	JEFFERSON
073	OUACHITA
	MAINE
011	KENNEBEC

FIPS COUNTY CODE	
	MARYLAND
005	BALTIMORE
013	CARROLL
021	FREDERICK
025	HARFORD
027	HOWARD
031	MONTGOMERY
033	PRINCE GEORGE'S
043	WASHINGTON
	MICHIGAN
021	BERRIEN
049	GENESEE
075	JACKSON
099	MACOMB
115	MONROE
161	WASHTENAW
	MINNESOTA
003	ANOKA
037	DAKOTA
053	HENNEPIN
123	RAMSEY
137	ST. LOUIS
163	WASHINGTON
	MISSOURI
003	CLAY
037	JACKSON
099	JEFFERSON
189	ST. LOUIS
	NEBRASKA
109	LANCASTER

FIPS COUNTY CODE	
	NEVADA
003	CLARK
031	WASHOE
	NEW JERSEY
003	BERGEN
005	BURLINGTON
007	CAMDEN
011	CUMBERLAND
013	ESSEX
017	HUDSON
019	HUNTERDON
021	MERCER
023	MIDDLESEX
025	MONMOUTH
027	MORRIS
029	OCEAN
031	PASSAIC
035	SOMERSET
039	UNION
	NEW MEXICO
013	DONA ANA
	NEW YORK
005	BRONX
013	CHAUTAUQUA
027	DUTCHESS
047	KINGS
055	MONROE
059	NASSAU
061	NEW YORK
071	ORANGE
075	OSWEGO
081	QUEENS
085	RICHMOND
089	ST. LAWRENCE

FIPS COUNTY CODE	
103	SUFFOLK
111	ULSTER
119	WESTCHESTER

NORTH CAROLINA

051	CUMBERLAND
067	FORSYTHE
119	MECKLENBURG
129	NEW HANOVER
147	PITT
155	ROBESON
183	WAKE

NORTH DAKOTA

017	CASS

OHIO

025	CLERMONT
029	COLUMBIANA
035	CUYAHOGA
061	HAMILTON
085	LAKE
093	LORAIN
103	MEDINA

OKLAHOMA

143	TULSA

OREGON

029	JACKSON
039	LANE

FIPS COUNTY CODE	
	PENNSYLVANIA
003	ALLEGHENY
007	BEAVER
011	BERKS
017	BUCKS
019	BUTLER
029	CHESTER
045	DELAWARE
049	ERIE
051	FAYETTE
071	LANCASTER
091	MONTGOMERY
101	PHILADELPHIA
125	WASHINGTON
129	WESTMORELAND
133	YORK
	SOUTH CAROLINA
051	HORRY
063	LEXINGTON
079	RICHLAND
091	YORK
	SOUTH DAKOTA
099	MINNEHAHA
	TENNESSEE
125	MONTGOMERY
	TEXAS
039	BRAZORIA
061	CAMERON
141	EL PASO
157	FORT BEND

FIPS COUNTY CODE	
167	GALVESTON
215	HIDALGO
303	LUBBOCK
329	MIDLAND
439	TARRANT
479	WEBB

UTAH

049	UTAH

VIRGINIA

041	CHESTERFIELD
059	FAIRFAX
087	HENRICO
153	PRINCE WILLIAM
510	ALEXANDRIA CITY
650	HAMPTON CITY
700	NEWPORT NEWS CITY
710	NORFOLK CITY
810	VIRGINIA BEACH CITY

WASHINGTON

011	CLARK
053	PIERCE
063	SPOKANE
067	THURSTON
073	WHATCOM

WISCONSIN

009	BROWN
025	DANE
101	RACINE

ATTACHMENT 13

Topcoding of Usual Hourly Earnings

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

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	$56.56	67	$28.70
2	None	35	$54.94	68	$28.28
3	None	36	$53.41	69	$27.87
4	None	37	$51.97	70	$27.47
5	None	38	$50.60	71	$27.08
6	None	39	$49.30	72	$26.70
7	None	40	$48.07	73	$26.34
8	None	41	$46.90	74	$25.98
9	None	42	$45.78	75	$25.64
10	None	43	$44.72	76	$25.30
11	None	44	$43.70	77	$24.97
12	None	45	$42.73	78	$24.65
13	None	46	$41.80	79	$24.34
14	None	47	$40.91	80	$24.03
15	None	48	$40.06	81	$23.74
16	None	49	$39.24	82	$23.45
17	None	50	$38.46	83	$23.16
18	None	51	$37.70	84	$22.89
19	None	52	$36.98	85	$22.62
20	$96.15	53	$36.28	86	$22.36
21	$91.57	54	$35.61	87	$22.10
22	$87.41	55	$34.96	88	$21.85
23	$83.61	56	$34.34	89	$21.60
24	$80.12	57	$33.73	90	$21.36
25	$76.92	58	$33.15	91	$21.13
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

ATTACHMENT 14

CURRENT POPULATION SURVEY

June 2001, November 2001, and February 2002 Tobacco Use Supplements
Unweighted Counts

Item	Value	June	Nov.	Feb.
PES32	-9	2	0	1
	-3	37	37	28
	-2	407	345	227
	-1	67,928	66,972	88,971
	1	36,650	36,817	27,715
	2	52,357	54,164	40,501
PES34	-9	36	31	27
	-3	69	77	69
	-2	48	40	31
	-1	120,731	121,518	129,728
	1	14,582	14,547	10,568
	2	3,425	3,297	2,605
	3	18,490	18,825	14,415
PES39	-9	5	3	2
	-3	9	8	5
	-2	13	11	9
	-1	154,689	155,661	155,367
	1	1,378	1,404	1,144
	2	1,287	1,248	916
PES44	-9	67	60	45
	-3	108	132	100
	-2	69	54	33
	-1	143,339	143,867	146,745
	1	9,899	10,276	7,747
	2	3,899	3,946	2,773
PES45	-9	1	0	0
	-3	9	3	9
	-2	13	23	8
	-1	147,482	148,059	149,696
	1	5,213	5,132	3,983
	2	4,663	5,118	3,747

Item	Value	June	Nov.	Feb.
PES53	-9	82	70	60
	-3	134	138	109
	-2	423	410	313
	-1	143,339	143,867	146,745
	1	5950	6,148	4,765
	2	7,453	7,702	5,451
PES55	-9	4	8	3
	-3	14	11	9
	-2	23	32	21
	-1	142,292	142,315	145,171
	1	12,164	12,940	9,981
	2	2,884	3,029	2,258
PES59NUM	(1-99)	14,834	15,744	12,074
	-9	15	20	11
	-3	48	40	33
	-2	192	216	154
	-1	142,292	142,315	145,171
PES59UNT	-9	255	276	198
	-3	1	1	0
	-2	2	1	1
	-1	142,292	142,315	145,171
	1	101	128	110
	2	169	158	193
	3	1,101	1,141	963
	4	13,460	14,315	10,807
PES61	-9	101	95	74
	-3	152	150	113
	-2	89	72	52
	-1	141,659	142,034	145,219
	1	11,527	12,028	8,885
	2	2,778	2,861	2,136
	3	1075	1,095	964
PES62A	-9	126	118	81
	-3	173	185	161
	-2	543	457	387
	-1	67,928	66,972	88,971
	1	16,830	16,725	12,632
	2	71,781	73,878	55,211

Item	Value	June	Nov.	Feb.
PES63A2	-9	130	123	82
	-3	168	182	155
	-2	260	232	172
	-1	145,591	147,012	148,912
	1	243	229	168
	2	2,084	1922	1,421
	3	8,905	8,635	6,533
PES68	-9	373	399	261
	-3	120	135	86
	-2	320	266	203
	-1	126,516	124,948	132,523
	1	26,041	28,316	21,190
	2	4,011	4,271	3,180
PES73	-9	270	222	166
	-3	300	315	279
	-2	366	297	223
	-1	90,254	86,369	103,419
	1	43,198	47,837	36,401
	2	11,982	12,380	9,020
	3	11,011	10,915	7,935
PES78	-1	67,928	66,972	88,971
	1	67,127	71,966	54,024
	2	3,642	3,385	2,468
	3	6,909	5,693	4,323
	4	1,234	1,033	762
	5	32	31	27
	6	38	48	31
	7	3,858	3,548	2,623
	8	642	561	351
	9	3,658	3,032	2,402
	10	866	703	503
	11	1,447	1,363	958
	88	0	0	0
INTRVIEW	-1	47,713	47,312	75,667
	1	89,453	91,363	68,472
	2	20,215	19,660	13,304

ATTACHMENT 15

COUNTRIES AND AREAS OF THE WORLD

Current Population Survey

List A -- Alphabetical List of Countries and Areas of the World

If the specific country reported was not on the interviewer's list, or if the respondent did not know the specific country, the following codes for broad areas of the world were available for coding:

Code	Name
148	Europe
245	Asia
252	Middle East
304	North America
318	Central America
353	Caribbean
389	South America
468	North Africa
462	Other Africa
527	Pacific Islands
555	Elsewhere (includes country not known)

The countries (or areas) shown below were coded separately, if reported.

Code	Name	Code	Name
200	Afghanistan	213	Iraq
60	American Samoa	119	Ireland/Eire
375	Argentina	214	Israel
185	Armenia	120	Italy
501	Australia	343	Jamaica
102	Austria	215	Japan
130	Azores	216	Jordan
333	Bahamas	427	Kenya
202	Bangladesh	217	Korea/South Korea
334	Barbados	221	Laos
103	Belgium	183	Latvia
310	Belize	222	Lebanon
300	Bermuda	184	Lithuania
376	Bolivia	224	Malaysia
377	Brazil	315	Mexico
205	Burma	436	Morocco
206	Cambodia	126	Netherlands
301	Canada	514	New Zealand
378	Chile	316	Nicaragua
207	China	440	Nigeria
379	Colombia	142	Northern Ireland
311	Costa Rica	127	Norway
337	Cuba	229	Pakistan
155	Czech Republic	253	Palestine
105	Czechoslovakia	317	Panama
106	Denmark	385	Peru

Code	Name	Code	Name
339	Dominican Republic	231	Philippines
338	Dominica	128	Poland
380	Ecuador	129	Portugal
415	Egypt	72	Puerto Rico
312	El Salvador	132	Romania
139	England	192	Russia
417	Ethiopia	233	Saudi Arabia
507	Figi	140	Scotland
108	Finland	234	Singapore
109	France	156	Slovakia/Slovak Republic
110	Germany	449	South Africa
421	Ghana	134	Spain
138	Great Britain	136	Sweden
116	Greece	137	Switzerland
340	Grenada	237	Syria
66	Guam	238	Taiwan
313	Guatemala	239	Thailand
383	Guyana	351	Trinidad & Tobago
342	Haiti	240	Turkey
126	Holland	57	United States
314	Honduras	78	U.S. Virgin Islands
209	Hong Kong	180	USSR
117	Hungary	195	Ukraine
210	India	387	Uruguay
211	Indonesia	388	Venezuela
212	Iran	242	Vietnam
		147	Yugoslavia

List B. Numeric List of Countries and Areas of the World

The following list of countries/areas is in numeric order by code.

Code	Name	Code	Name
57	United States	231	Philippines
60	American Samoa	233	Saudi Arabia
66	Guam	234	Singapore
72	Puerto Rico	237	Syria
78	U.S. Virgin Islands	238	Taiwan
102	Austria	239	Thailand
103	Belgium	240	Turkey
105	Czechoslovakia	242	Vietnam
106	Denmark	245	Asia
108	Finland	252	Middle East
109	France	253	Palestine
110	Germany	300	Bermuda
116	Greece	301	Canada
117	Hungary	304	North America
119	Ireland/Eire	310	Belize
120	Italy	311	Costa Rica
126	Holland	312	El Salvador
126	Netherlands	313	Guatemala
127	Norway	314	Honduras
128	Poland	315	Mexico
129	Portugal	316	Nicaragua
130	Azores	317	Panama
132	Romania	318	Central America
134	Spain	333	Bahamas
136	Sweden	334	Barbados
137	Switzerland	337	Cuba
138	Great Britain	338	Dominica
139	England	339	Dominican Republic
140	Scotland	340	Grenada
142	Northern Ireland	342	Haiti
147	Yugoslavia	343	Jamaica
148	Europe	351	Trinidad & Tobago
155	Czech Republic	353	Caribbean
156	Slovakia/Slovak Republic	375	Argentina
180	USSR	376	Bolivia
183	Latvia	377	Brazil
184	Lithuania	378	Chile
185	Armenia	379	Colombia
192	Russia	380	Ecuador
195	Ukraine	383	Guyana
200	Afghanistan	385	Peru
202	Bangladesh	387	Uruguay
205	Burma	388	Venezuela
206	Cambodia	389	South America
207	China	415	Egypt
209	Hong Kong	417	Ethiopia
210	India	421	Ghana
211	Indonesia	427	Kenya
212	Iran	436	Morocco
213	Iraq	440	Nigeria
214	Israel	449	South Africa
215	Japan	462	Other Africa

Code	Name	Code	Name
216	Jordan	468	North Africa
217	Korea/South Korea	501	Australia
221	Laos	507	Figi
222	Lebanon	514	New Zealand
224	Malaysia	527	Pacific Islands
229	Pakistan	555	Elsewhere

ATTACHMENT 16

ALLOCATION FLAGS

Current Population Survey

For every edited item, there is a corresponding allocation flag with the prefix "PX". The last six characters of the names are the same. For example, PXMLR is the allocation flag for PEMLR. All allocation flags have the following list of possible values.

00	VALUE - NO CHANGE
01	BLANK - NO CHANGE
02	DON'T KNOW - NO CHANGE
03	REFUSED - NO CHANGE
10	VALUE TO VALUE
11	BLANK TO VALUE
12	DON'T KNOW TO VALUE
13	REFUSED TO VALUE
20	VALUE TO LONGITUDINAL VALUE
21	BLANK TO LONGITUDINAL VALUE
22	DON'T KNOW TO LONGITUDINAL VALUE
23	REFUSED TO LONGITUDINAL VALUE
30	VALUE TO ALLOCATED VALUE LONG.
31	BLANK TO ALLOCATED VALUE LONG.
32	DON'T KNOW TO ALLOCATED VALUE LONG.
33	REFUSED TO ALLOCATED VALUE LONG.
40	VALUE TO ALLOCATED VALUE
41	BLANK TO ALLOCATED VALUE
42	DON'T KNOW TO ALLOCATED VALUE
43	REFUSED TO ALLOCATED VALUE
50	VALUE TO BLANK
52	DON'T KNOW TO BLANK
53	REFUSED TO BLANK

ATTACHMENT 17

Source and Accuracy of the CPS Microdata Files for June 2001, November 2001, and February 2002 Tobacco Use Supplements

SOURCE OF DATA

The data in these microdata files come from the June 2001, November 2001, and February 2002 Current Population Survey (CPS). The Census Bureau conducts the survey every month, although these files use data only from these months. The survey uses two sets of questions, the basic CPS and the supplement.

Basic CPS. The monthly 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 monthly CPS sample was selected from the 1990 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. To obtain the sample, the United States is divided into 2,007 geographic areas. In most states, a geographic area consisted of a county or several contiguous counties. In some areas of New England and Hawaii, minor civil divisions are used instead of counties. These 2,007 geographic areas were then grouped into 754 strata, and one geographic area was selected from each stratum.

About 60,000 occupied households are eligible for interview every month out of the 754 strata. Interviewers are unable to obtain interviews at about 4,500 of these units. This occurs when the occupants are not found at home after repeated calls or are unavailable for some other reason.

The number of households that are eligible for interview in the basic CPS increased from 50,000 to 60,000 in July of 2001. This increase in the number of eligible households is due to the implementation of the State Children's Health Insurance Program (SCHIP) sample expansion. The SCHIP sample expansion increased the monthly CPS sample in states with high sampling errors for low-income uninsured children. With this increase in eligible households, the number of units where interviewers were unable to obtain an interview increased from 3,200 to 4,500.

CPS Redesign. Since the introduction of the CPS, the Census Bureau has redesigned the CPS sample several times. These redesigns have improved the quality and accuracy of the data and have satisfied changing data needs. The most recent changes were phased in and implementation was completed in 1995.

June 2001, November 2001, and February 2002 Supplements. In addition to the basic CPS questions, interviewers asked supplementary questions in these months about tobacco use.

CPS Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independent estimates of the civilian noninstitutional population of the United States by age, sex, race, Hispanic/non-Hispanic ancestry, and state of residence. The adjusted estimate is called the post-stratification ratio estimate. The independent estimates are calculated based on information from four primary sources:

- Statistics from the 1990 Decennial Census of Population.
- An adjustment for undercoverage in the 1990 census.
- Statistics on births, deaths, immigration, and emigration.
- Statistics on the size of the armed forces.

The independent population estimates used for 1994 to 2002 are based on updates to controls established by the 1990 decennial census. Data previous to 1994 are based on independent population estimates from the latest available decennial census data. The independent population estimates include some, but not all, unauthorized migrants.

Supplement Estimation Procedure. In addition to the CPS estimation procedure, the tobacco use supplement uses a supplement noninterview adjustment and a supplement self-response adjustment. The supplement noninterview adjustment accounts for occupied sample households that responded to and completed the CPS, but not the supplement questionnaire. The self-response adjustment accounts for the elimination of interviews which were completed by proxy.

NOTE: The CPS household weight (HWHHWGT) adjusts for household nonresponse. Additional calculations are needed to create a supplement household weight.

There are two sets of supplement weights on this microdata file. The nonresponse weight (PWNRWGT) includes only the noninterview adjustment. The self-response weight (PWSRWGT) includes both the noninterview adjustment and the self-response adjustment.

ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: nonsampling and sampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design. The full extent of the nonsampling error, however, is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from a complete census using the same questionnaires, instructions, and enumerators. This possible variation in the estimates due to sampling error is known as "sampling variability." Standard errors, as calculated by methods described in "Standard Errors and Their Use" are primarily measures of sampling variability, although they include some nonsampling error.

Nonsampling Error. All other sources of error in the survey estimates are collectively called nonsampling error. Sources of nonsampling error include the following:

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

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. Nonresponse rates for the basic CPS and supplement were:

Table A. Nonresponse Rates

Month	Nonresponse Rates		
	Basic CPS	Supplement - Total	Supplement - Self Only
June 2001	6.5%	18.4%	38.8%
November 2001	7.1%	17.7%	35.2%
February 2002	7.1%	16.3%	33.9%

The basic CPS nonresponse rates are for households; nonresponse rates for the supplement are for people. In order for an individual to be *eligible* for the supplement, an individual's CPS must have been *completed*. The "Supplement - Total" column allows proxy interviews. The "Supplement - Self Only" column counts proxy responses as noninterviews.

Undercoverage. The concept of undercoverage in the survey sampling process is the extent to which the total population that could be selected for sample "covers" the survey's target population. CPS undercoverage results from missed housing units and missed people within sample households. Overall CPS undercoverage is estimated to be about 8 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.

The Current Population Survey weighting procedure uses ratio estimation whereby sample estimates are adjusted to independent estimates of the national population by age, race, sex, and Hispanic ancestry. This weighting partially corrects for bias due to undercoverage, but biases

may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, and Hispanic ancestry. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

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

Table B. **CPS Coverage Ratios**

Age	Non-Black		Black		All Races		
	Male	Female	Male	Female	Male	Female	Total
0 to 14 years.	0.942	0.951	0.880	0.904	0.932	0.943	0.937
15 to 19 years.	0.864	0.910	0.885	0.751	0.867	0.884	0.876
20 to 24 years.	0.823	0.877	0.707	0.757	0.808	0.859	0.834
25 to 29 years.	0.863	0.919	0.755	0.810	0.850	0.903	0.877
30 to 34 years.	0.880	0.950	0.671	0.833	0.855	0.934	0.895
35 to 44 years.	0.899	0.940	0.684	0.863	0.875	0.930	0.903
45 to 54 years.	0.938	0.961	0.778	0.953	0.923	0.960	0.942
55 to 64 years.	0.932	0.953	0.834	0.929	0.923	0.951	0.938
65 to 74 years.	0.932	0.977	0.939	0.958	0.932	0.975	0.956
75 years and older	1.019	1.008	0.910	0.961	1.011	1.004	1.007
15 years and older	0.902	0.945	0.767	0.858	0.887	0.934	0.912
0 years and older	0.911	0.946	0.802	0.871	0.898	0.936	0.917

Source: U.S. Census Bureau, Demographic Statistical Methods Division.

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. Therefore, caution should be used when comparing results from different sources.

A number of changes were made in data collection and estimation procedures beginning with the January 1994 CPS. The major change was the use of a new questionnaire. The questionnaire was redesigned to measure the official labor force concepts more precisely, to expand the amount of data available, to implement several definitional changes, and to adapt to a computer-assisted interviewing environment. Due to these and other changes, one should use caution when comparing estimates from data collected before 1994 with estimates from data collected in 1994 and later.

Caution should also be used when comparing data from these microdata files, which reflect 1990 census-based population controls, with estimates from 1992[1] and earlier, which reflect 1980 census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions. It did have a significant impact on levels. For example, 1990-based population controls caused about a 1-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1993 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.

Caution should also be used when comparing Hispanic estimates over time. No independent population control totals for people of Hispanic ancestry were used before 1985.

Based on the results of each decennial census, the Census Bureau gradually introduces a new sample design for the CPS. During this phase-in period, CPS data are collected from sample designs based on different censuses. While most CPS estimates were unaffected by this mixed sample, geographic estimates are subject to greater error and variability. Users should exercise caution when comparing estimates across years for metropolitan/nonmetropolitan categories.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. Even a small amount of nonsampling error can cause a borderline difference to appear significant or not, thus distorting a seemingly valid hypothesis test. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures probably do not reveal useful information when computed on a base smaller than 75,000.

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.

- Technical Paper 63RV, *Current Population Survey: Design and Methodology*, U.S. Census Bureau, U.S. Department of Commerce, 2002.

Standard Errors and Their Use. The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range that would include the average result of all possible samples with a known probability. For example, if all possible samples

[1] 1990 based weights are available for 1992-1993 data upon request.

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 be used to perform hypothesis testing. This is a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the proportion of male everyday smokers to the proportion of female everyday smokers.

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

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

Estimating Standard Errors. To estimate the standard error of a CPS estimate, the Census Bureau uses replicated variance estimation methods. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data due to nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

Generalized Variance Parameters. It is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, but there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, variance estimates are based on sample data and have variances of their own. Therefore, some method of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have a similar relationship between their variance and expected value. Modeling or generalization may provide more stable variance estimates by taking advantage of these similarities. The generalized variance function is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the generalized variance function are estimated using direct

replicate variances. These generalized variance parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

The a and b parameters are listed in Tables C, D, and E. Table C shows parameters to use for basic CPS monthly labor force characteristics. Three sets of parameters are listed in Table D, for supplement non-response data, and Table E, for supplement self-response data: one set for estimates from one month of data, a set for estimates combining two months of data, and a set for estimates derived by combining all three months of data.

These parameters are designed to estimate the standard error of the number of people with a certain characteristic, not the number of tobacco products. For example, use formula (1) below to estimate the standard error of the number of people who have ever smoked, and use formula (2) to estimate the standard error of the percentage of people reporting a smoke-free environment. To estimate the standard error of a number of tobacco products, such as the average number of cigarettes smoked per day, use formula (6). This formula is based on the distribution of the number of people using different amounts of tobacco products.

NOTE: The a and b parameters can not be used when estimating variances for complex analyses such as linear regression. Variances must be estimated using replicate weights for those types of analyses. Replicate weights can be obtained from the Census Bureau upon request.

Standard Errors of Estimated Numbers. The approximate standard error, s_x, of an estimated number from these microdata files can be obtained by use of the formula

$$s_x = \sqrt{ax^2 + bx} \qquad (1)$$

Here, x is the size of the estimate and a and b are the parameters from Table C , D, or E for the particular characteristic. When calculating standard errors for numbers from cross-tabulations involving different characteristics, use the set of parameters which gives the largest standard error.

Illustration. In November 2001, there were 442,000 Black non-Hispanics aged 15 to 24 who were everyday smokers. Use the appropriate parameters from Table D and formula (1) to get

Number, x	442,000
a parameter	-0.000180
b parameter	4,636
Standard error	45,000
90% conf. int.	368,000 to 516,000

The standard error is calculated as

$$s_x = \sqrt{-0.000180 \times 442{,}000^2 + 4{,}636 \times 442{,}000} = 45{,}000$$

The 90-percent confidence interval is calculated as 442,000 ± 1.645 × 45,000. 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 indicated by the numerator.

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

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

Here x is the total number of people, 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 from Table C , D, or E associated with the characteristic in the numerator of the percentage.

Illustration. In November 2001, 7.8 percent out of 5,637,000 Black, non-Hispanics aged 15-24 were everyday smokers. Use the appropriate parameter from Table D and formula (2) to get

Percentage, p	7.8
Base, x	5,637,000
b parameter	4,636
Standard error	0.8
90% conf. int.	6.5 to 9.1

The standard error is calculated as

$$s_{x,p} = \sqrt{\frac{4{,}636}{5{,}637{,}000}\, 7.8\,(100 - 7.8)} = 0.8$$

The 90-percent confidence interval for the estimated percentage of Black, non-Hispanics aged 15-24 who smoke every day is calculated as 7.8 ± 1.645 × 0.8.

Standard Errors of Estimated Differences. The standard error of the difference between two sample estimates is approximately equal to

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

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 November 2001, 15.7 percent of the 27,300,000 non-Black, non-Hispanics aged 15 to 24 years old were everyday smokers compared to 7.8 percent of the 5,637,000 Black non-Hispanics of the same age group. The apparent difference between the two groups was 7.9 percent. Use the appropriate parameters from Table D and formulas (2) and (3) to get

	x	y	difference
Percentage	15.7	7.8	7.9
Base	27,300,000	5,637,000	-
b parameter	4,323	4,636	-
Standard error	0.5	0.8	0.9
90% conf. int.	14.9 to 16.5	6.5 to 9.1	6.4 to 9.4

The standard error of the difference is calculated as

$$s_{x-y} = \sqrt{0.5^2 + 0.8^2} = 0.9$$

The 90-percent confidence interval for the estimated difference is 7.9 ± 1.645 × 0.9. Because this interval does not contain zero, we can conclude with 90-percent confidence that the percentage of everyday smokers among non-Black non-Hispanics aged 15 to 24 years old is greater than that of Black non-Hispanics in the same age group.

Standard Error of a Ratio. The standard error of a ratio, x/y, may be computed using

$$s_{x/y} = \frac{x}{y}\sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2r\frac{s_x s_y}{xy}} \qquad (4)$$

The standard error of the numerator, s_x, and that of the denominator, s_y, may be calculated using formulas described earlier. In formula (4), r represents the correlation between the numerator and the denominator of the estimate. (The r is assumed to be zero.)

Illustration. Suppose you want to calculate the standard error and a 90 percent confidence interval for the ratio of non-Black non-Hispanic every day smokers, x, to Black non-Hispanic every day smokers, y, who are between 15 and 24 years of age. In November 2001, there were 4,294,000 non-Black non-Hispanic every day smokers aged 15 to 24 and 442,000 Black, non-Hispanic every day smokers of the same age, giving a ratio of 9.7. Use the appropriate parameters from Table D and formula (4) to get

	x	y	ratio
Estimate	4,294,000	442,000	9.7
a parameter	-0.000020	-0.000180	-
b parameter	4,323	4,636	-
Standard error	135,000	45,000	1.0
90% conf. int.	4,072,000 to 4,516,000	368,000 to 516,000	8.1 to 11.3

The standard error of the ratio is calculated as

$$s_{x/y} = \frac{4{,}294{,}000}{442{,}000}\sqrt{\left(\frac{135{,}000}{4{,}294{,}000}\right)^2 + \left(\frac{45{,}000}{442{,}000}\right)^2} = 1.0$$

The 90 percent confidence interval for the ratio is calculated as 9.7 ± 1.645 × 1.0.

Note: This ratio estimation procedure is also useful for calculation of a "quit ratio." That is, the ratio of the number of former smokers to the number of ever (current and former) smokers.

Accuracy of State Estimates. The redesign of the CPS following the 1980 census provided an opportunity to increase efficiency and accuracy of state data. All strata are now defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data has been achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state the larger the sampling proportion. For example, in Vermont approximately 1 in every 400 households was sampled each month. In New York the sample was about 1 in every 2,100 households. Nevertheless, the size of the sample in New York is five times larger than in Vermont because New York has a larger population.

Computation of Standard Errors for State Estimates. Standard errors for a state may be obtained by adjusting the a and b parameters and using the standard error equations described earlier. Multiply the a and b parameters in Table C, D, or E by the appropriate factors from Table F to obtain state parameters. There are separate sets of factors for estimates computed

from one month of data, two months of data, and for estimates coming from all three months of data.

Illustration. In November 2001, there were 1,052,000 males living in Florida who were everyday smokers. To obtain state parameters for Florida, multiply the parameters in Table D by the appropriate factor in Table F for the state of interest. For males in Florida for tobacco use this gives a = -0.000040 × 1.14 = -0.000046 and b = 4,323 × 1.14 = 4,928. Use these parameters and formula (1) to get

Number, x	1,052,000
a parameter	-0.000046
b parameter	4,928
Standard error	72,000
90% conf. int.	934,000 to 1,170,000

The standard error is calculated as

$$s_x = \sqrt{-0.000046 \times 1{,}052{,}000^2 + 4{,}928 \times 1{,}052{,}000} = 72{,}000$$

The 90-percent confidence interval is calculated as 1,052,000 ± 1.645 × 72,000.

Computation of a Factor for Groups of States. The factor adjusting standard error parameters for a group of states may be obtained by computing a weighted sum of the factors for the individual states in the group. Depending on the combination of states, the resulting figure can be an overestimate.

The factor for a group of n states is given by

$$f = \frac{\sum_{i=1}^{n} POP_i \times f_i}{\sum_{i=1}^{n} POP_i} \qquad (5)$$

where POP_i is the state population and f_i is obtained from Table F. The 2002 civilian noninstitutional population (15+) from the CPS for each state is also given in Table F.
Illustration. Suppose a factor for the state group Illinois-Indiana-Michigan was required for data from November 2001. Use the one month factor and the appropriate state populations to get

$$f = \frac{9{,}600{,}000 \times 1.08 + 4{,}755{,}000 \times 0.92 + 7{,}783{,}000 \times 1.05}{9{,}600{,}000 + 4{,}755{,}000 + 7{,}783{,}000} = 1.04$$

Multiply the a and b parameters by f = 1.04 to obtain parameters for this state group.

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

$$s_x = \sqrt{\frac{b}{y} S^2} \qquad (6)$$

In this formula, y is the size of the base of the distribution and b is the appropriate parameter from Table C , D, or E. The variance, S^2, is given by the following formula:

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

where $\bar{x}$, the mean of the distribution, is estimated by

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

c is the number of groups,
i indicates a specific group, thus taking on values 1 through c,
p_i is the estimated proportion of households, families or people whose values, for the characteristic (x-values) being considered, fall in group i,
$\bar{x}_i$ is $(Z_{i-1} + Z_i)/2$ where Z_{i-1} and Z_i are the lower and upper interval boundaries, respectively, for group i.
$\bar{x}_i$ is assumed to be the most representative value of the characteristic for households, families, and unrelated individuals or people in group i. Group c is open-ended, i.e., no upper interval boundary exists. For this group the approximate average value is

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

Illustration. For illustrative purposes, suppose that in November 2001 there were 34,684,000 everyday smokers among self respondents and the distribution of the mean number of cigarettes consumed per everyday smoker per day was

Cigarettes per Day	Percent of Smokers
1-10	28%
11-20	50%
21-30	13%
31-40	8%
41+	2%

First, $\bar{x}_1$ = (1+10)/2 = 5.5. Similarly, $\bar{x}_2$ = 15.5, $\bar{x}_3$ = 25.5, $\bar{x}_4$ = 35.5. Then, using

formula (9), $\bar{x}_5$ = (3/2)40 = 60. Using formula (8),

$$\bar{x} = (.28)(5.5) + (.50)(15.5) + (.13)(25.5) + (.08)(35.5) + (.02)(60.0) = 16.65$$

and using formula (7),

$$S^2 = (.28)(5.5)^2 + (.50)(15.5)^2 + (.13)(25.5)^2 + (.08)(35.5)^2 + (.02)(60.0)^2 - (16.65)^2$$

$$= 385.95 - 277.22 = 108.73.$$

Because this data is from self respondents, use the appropriate parameter from Table E and formula (6) to get

Mean, $\bar{x}$	16.65
Base, y	34,684,000
b parameter	5,745
S^2	108.73
Standard error, $s_{\bar{x}}$	0.13
90% conf. int.	16.44 to 16.86

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5{,}745}{34{,}684{,}000} \times 108.73} = 0.13$$

The 90-percent confidence interval is calculated as 16.65 ± 1.645 × 0.13. 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.

Illustration. Suppose that in November 2001 there were 8,666,000 some day smokers among self respondents and the distribution of the mean number of cigarettes consumed per some day smoker per day was

Cigarettes per Day	Percent of Smokers
1	8%
2	15%
3	36%
4	29%
5+	12%

Then, using formula (8), $\bar{x}$ = 3.34 and using formula (7), S^2 = 1.72.

Because this data is from self respondents, use the appropriate parameter from Table E and formula (6) to get

Mean, $\bar{x}$	3.34
Base, y	8,666,000
b parameter	5,745
S^2	1.72
Standard error, $s_{\bar{x}}$	0.03
90% conf. int.	3.29 to 3.39

The standard error is calculated as

$$s_{\bar{x}} = \sqrt{\frac{5{,}745}{8{,}666{,}000} \times 1.72} = 0.03$$

The 90-percent confidence interval is calculated as 3.34 ± 1.645 × 0.03. 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 Aggregates. Aggregates such as the total number of cigarettes consumed are computed by multiplying the mean number of cigarettes consumed per smoker, $\bar{x}$, by the total number of smokers, y:

$$T = \bar{x}y$$

where T is the aggregate to be computed.

Both $\bar{x}$ and y have a standard error, so the standard error of a product must be computed. Approximate the standard error of an aggregate with the formula

$$s_T = \sqrt{\bar{x}^2 s_y^2 + y^2 s_{\bar{x}}^2} \qquad (10)$$

where $s_{\bar{x}}$ is computed using formula (6) and s_y is computed using formula (1). In the above formula, the correlation between $\bar{x}$ and y is assumed to be zero. If it is actually positive (negative), then this formula will underestimate (overestimate) the standard error of the product.

Illustration. Continuing with the hypothetical example above, suppose that the estimate for the total number of everyday smokers was 34,684,000 people and that these people smoked an average of 16.65 cigarettes per day. These people then would consume approximately 577,489,000 cigarettes per day. Use formulas (6) and (1) to get $s_{\bar{x}}$ and s_y with formula (10) and

the appropriate parameter from Table E, since the data is from self-respondents, to get

Mean, $\bar{x}$	16.65
Standard error of mean, $s_{\bar{x}}$	0.13
Base, y	34,684,000
Standard error of base, s_y	408,000
Estimate, T	577,489,000
Standard error, s_T	8,153,000
90% conf. int.	564,077,000 to 590,901,000

The standard error is calculated as

$$s_T = \sqrt{\left(16.65^2 \times 408{,}000^2\right) + \left(34{,}684{,}000^2 \times 0.13^2\right)} = 8{,}153{,}000$$

The 90-percent confidence interval is calculated as 577,489,000 ± 1.645 × 8,153,000. 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 Error of a Mean for Daily Amount Smoked by Current Smokers. The formula used to estimate the standard error of a mean for daily amount smoked is

$$s_{\bar{x}} = \sqrt{\left[\frac{P\left(C_1 - C_2\right)}{(E+P)^2}\right]^2 s_E{}^2 + \left[\frac{E\left(C_2 - C_1\right)}{(E+P)^2}\right]^2 s_P{}^2 + \left(\frac{E}{E+P}\right)^2 s_{C_1}{}^2 + \left(\frac{P}{E+P}\right)^2 s_{C_2}{}^2} \qquad (11)$$

where E is the estimated population of every day smokers,
s_E is the standard error of the estimated population of every day smokers,
P is the estimated population of some day smokers,
s_P is the standard error of the estimated population of some day smokers,
C_1 is the amount an every day smoker smokes per day averaged over 30 days,
s_{C1} is the standard error of the average amount an every day smoker smokes per day,
C_2 is the amount a some day smoker smokes per day averaged over 30 days and
s_{C2} is the standard error of the average amount a some day smoker smokes per day.
(Note: C_2 is calculated by multiplying the number of cigarettes a some day smoker smokes per day and the number of days per month a some day smoker smokes, then dividing by 30.)

Illustration. Continuing with the above examples, suppose that in November 2001 there were 34,684,000 every day smokers that smoked an average of 16.65 cigarettes per day. During this same month, 8,666,000 some day smokers smoked an average of 3.34 cigarettes per day. Then, the average amount smoked by current smokers is 13.99 cigarettes per day. Use formula (1) to get $s_E{}^2$ and $s_P{}^2$, and formula (6) to get $s_{C1}{}^2$ and $s_{C2}{}^2$. Use the appropriate parameters from Table E to get

Mean	13.99
Estimate, E	34,684,000
Standard error of E	408,000
Estimate, P	8,666,000
Standard error of P	219,000
Mean, C_1	16.65
Standard error of C_1	0.13
Mean, C_2	3.34
Standard error of C_2	0.03
a parameter	-0.000027
b parameter	5,745
Standard error, $s_{\bar{x}}$	0.12
90% conf. int.	13.79 to 14.19

The standard error is calculated as

$$s_{\bar{x}} = \left[\left(\frac{8{,}666{,}000(16.65-3.34)}{(34{,}684{,}000+8{,}666{,}000)^2}\right)^2 (408{,}000)^2 + \left(\frac{34{,}684{,}000(3.34-16.65)}{(34{,}684{,}000+8{,}666{,}000)^2}\right)^2 (219{,}000)^2\right.$$

$$\left. + \left(\frac{34{,}684{,}000}{34{,}684{,}000+8{,}666{,}000}\right)^2 (0.13)^2 + \left(\frac{8{,}666{,}000}{34{,}684{,}000+8{,}666{,}000}\right)^2 (0.03)^2\right]^{\frac{1}{2}}$$

$$= 0.12$$

The 90 percent confidence interval is calculated as 13.99 ± 1.645 × 0.10.

Table C. Standard Error Parameters

Parameters for Computation of Standard Errors for Labor Force Characteristics - June 2001, November 2001, and February 2002

Characteristic	a	b
Civilian Labor Force, Employed, and Not in Labor Force		
Total or White	-0.000008	1,586
Men	-0.000035	2,927
Women	-0.000033	2,693
Both Sexes, 16 to 19 years	-0.000244	3,005
Black	-0.000154	3,296
Men	-0.000336	3,332
Women	-0.000282	2,944
Both Sexes, 16 to 19 years	-0.001531	3,296
Hispanic Origin	-0.000187	3,296
Men	-0.000363	3,332
Women	-0.000380	2,944
Both Sexes, 16 to 19 years	-0.001822	3,296
Unemployment		
Total or White	-0.000017	3,005
Men	-0.000035	2,927
Women	-0.000033	2,693
Both Sexes, 16 to 19 years	-0.000244	3,005
Black	-0.000154	3,296
Men	-0.000336	3,332
Women	-0.000282	2,944
Both Sexes, 16 to 19 years	-0.001531	3,296
Hispanic Origin	-0.000187	3,296
Men	-0.000363	3,332
Women	-0.000380	2,944
Both Sexes, 16 to 19 years	-0.001822	3,296
Agricultural Employment	+0.001345	2,989

NOTES: These parameters are to be applied to basic CPS monthly labor force estimates. Use the age 16-19 category for all breakdowns comprised solely of 16-19 year olds or any subsets of that group.

For foreign-born characteristics for Total and White, the a and b parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born characteristics for Blacks and Hispanics.

Table D. Standard Error Parameters for Tobacco Use Estimates: 2001-2002

Tobacco Use Standard Error Parameters for Data Using Non-response Weights						
Characteristic	Total or White		Black or Other		Hispanic	
	a	b	a	b	a	b
ONE MONTH						
Both Sexes	-0.000020	4,323	-0.000180	4,636	-0.000168	3,964
Male or Female	-0.000040	4,323	-0.000360	4,636	-0.000336	3,964
TWO COMBINED MONTHS						
Both Sexes	-0.000011	2,262	-0.000094	2,426	-0.000088	2,074
Male or Female	-0.000022	2,262	-0.000188	2,426	-0.000176	2,074
THREE COMBINED MONTHS						
Both Sexes	-0.000007	1,575	-0.000065	1,689	-0.000061	1,444
Male or Female	-0.000014	1,575	-0.000130	1,689	-0.000122	1,444

Table E. Standard Error Parameters for Tobacco Use Estimates: 2001-2002

Tobacco Use Standard Error Parameters for Data Using Self-response Weights						
Characteristic	Total or White		Black or Other		Hispanic	
	a	b	a	b	a	b
ONE MONTH						
Both Sexes	-0.000027	5,745	-0.000236	6,080	-0.000248	5,858
Male or Female	-0.000054	5,745	-0.000472	6,080	-0.000496	5,858
TWO COMBINED MONTHS						
Both Sexes	-0.000014	3,006	-0.000123	3,181	-0.000130	3,065
Male or Female	-0.000028	3,006	-0.000246	3,181	-0.000260	3,065
THREE COMBINED MONTHS						
Both Sexes	-0.000010	2,093	-0.000086	2,215	-0.000090	2,134
Male or Female	-0.000020	2,093	-0.000172	2,215	-0.000180	2,134

Table F. State Factors

State Factors for Monthly, 2-Month, and 3-Month CPS Estimates For 2001-2002				
State	One Month	Two Combined Months	Three Combined Months	2002 State Population
	f	f	f	
Alabama	0.94	0.93	0.90	3,378,000
Alaska	0.12	0.12	0.12	450,000
Arizona	1.15	1.11	1.09	3,926,000
Arkansas	0.64	0.62	0.61	2,030,000
California	1.49	1.45	1.40	25,334,000
Colorado	0.67	0.65	0.64	3,344,000
Connecticut	0.55	0.53	0.50	2,670,000
Delaware	0.18	0.17	0.16	609,000
District of Columbia	0.14	0.14	0.13	444,000
Florida	1.14	1.09	1.05	12,806,000
Georgia	1.70	1.65	1.60	6,224,000
Hawaii	0.26	0.25	0.25	906,000
Idaho	0.30	0.29	0.29	978,000
Illinois	1.08	1.05	1.02	9,600,000
Indiana	0.92	0.90	0.88	4,755,000
Iowa	0.51	0.51	0.50	2,233,000
Kansas	0.48	0.48	0.48	2,088,000
Kentucky	0.83	0.80	0.78	3,096,000
Louisiana	1.05	1.01	0.97	3,256,000
Maine	0.21	0.20	0.20	1,056,000
Maryland	0.93	0.90	0.88	4,040,000
Massachusetts	0.93	0.89	0.85	5,072,000
Michigan	1.05	1.01	0.97	7,783,000
Minnesota	0.81	0.82	0.83	3,934,000
Mississippi	0.73	0.71	0.68	2,102,000
Missouri	1.00	0.96	0.93	4,283,000
Montana	0.23	0.23	0.23	701,000
Nebraska	0.34	0.34	0.33	1,301,000
Nevada	0.35	0.34	0.33	1,602,000
New Hampshire	0.22	0.21	0.20	1,004,000
New Jersey	0.92	0.88	0.84	6,780,000
New Mexico	0.46	0.44	0.43	1,365,000
New York	1.00	0.97	0.93	14,708,000
North Carolina	1.09	1.10	1.10	6,133,000
North Dakota	0.13	0.13	0.12	504,000
Ohio	1.13	1.09	1.05	8,888,000
Oklahoma	0.72	0.70	0.68	2,604,000
Oregon	0.68	0.67	0.66	2,691,000
Pennsylvania	1.04	1.00	0.97	9,653,000
Rhode Island	0.16	0.16	0.15	824,000
South Carolina	0.83	0.80	0.78	3,074,000
South Dakota	0.13	0.13	0.13	588,000
Tennessee	1.35	1.30	1.25	4,413,000
Texas	1.37	1.33	1.29	15,514,000
Utah	0.46	0.46	0.45	1,612,000
Vermont	0.11	0.11	0.10	498,000
Virginia	1.32	1.28	1.25	5,361,000
Washington	1.11	1.16	1.21	4,572,000
West Virginia	0.34	0.32	0.31	1,425,000
Wisconsin	0.82	0.84	0.86	4,230,000
Wyoming	0.10	0.10	0.10	382,000

ATTACHMENT 18

USER NOTES

This section will contain information relevant to the *Current Population Survey, June 2001, November 2001, and February 2002: Tobacco Supplement File* that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.