

**CURRENT POPULATION SURVEY, MAY 2008  
PUBLIC PARTICIPATION IN THE ARTS SUPPLEMENT FILE**

**TECHNICAL DOCUMENTATION  
CPS—08**

This file documentation consists of the following materials:

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**NOTE**

Questions about accompanying **documentation** should be directed to Administrative and Customer Services Division, Electronic Products Development Branch, U.S. Census Bureau, Washington, D.C. 20233. Phone: (301) 763-8004.

Questions about the **CD-ROM** should be directed to Marketing Services Office, Customer Services Center, U.S. Census Bureau, Washington, D.C. 20233. Phone: (301) 763-INFO (4636).

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

Additional questions about the **Public Participation in the Arts Supplement** should be directed to Tom Nardone, Bureau of Labor Statistics, Washington, D.C. 20210. Phone: (202) 691-6378.

# ATTACHMENT 1

## ABSTRACT

*Current Population Survey, May 2008: Public Participation in the Arts Supplement [machine-readable data file] / conducted by the Bureau of the Census for the National Endowment for the Arts. Washington: U.S. Census Bureau [producer and distributor], 2009.*

### Type of File

Microdata; unit of observation is individuals within housing units.

### Universe Description

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

### Subject-Matter Description

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

In addition, provides supplemental data on adult participation, activities, and frequency of participation in the arts of persons 18 years of age or older. The art participation and activities refer to the period between May 1, 2007 to May 1, 2008. Data on attendance at artistic events and frequency, participation other than through attendance ( watching and listening through broadcast and recorded media and personal participation by performing or creating art themselves); socialization (training and exposure to the arts, particularly while young); and music and art event preferences. This file also introduces parent's education; number of art related trips taken- length and distance; internet use to learn about, discuss, listen to, view, or read artistic related topics and how much time they spend a week doing this. Characteristics such as age, sex, race, household relationship, and Hispanic origin are shown for each person in the household enumerated.

### Geographic Coverage

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for 278 selected core-based statistical areas (CBSA), 30 selected combined statistical areas (CSA), 217 counties, and 76 principal cities in multi-principal city core-based statistical areas or combined statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/non-metropolitan, principal city/balance metropolitan, and CBSA size.

### Technical Description:

**File Structure:** Rectangular.

**File Size:** 152,408 logical records; 1,246 character logical record length.

**File Sort Sequence:** State rank by CBSA rank by household identification number by line number.

## Reference Materials:

*Current Population Survey, May 2008: Public Participation in the Arts 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, U.S. Census Bureau, Washington, DC 20233.

U.S. Census Bureau. *The Current Population Survey Design and Methodology* (Technical Paper 66) describes in detail the sample design and survey procedures used as well as the accuracy of estimates and sampling errors. Reference copies should be available from most public libraries or Federal Depository Libraries.

For information about the Current Population Survey and other Census Bureau data products, be sure to visit our online Question & Answer Center on the Census Bureau's home page (<http://www.census.gov/>) where you can search our knowledge base and submit questions.

## Related Printed Reports:

Data from the May Current Population Survey are published in the National Endowment for the Arts' Research Division Notes and Reports. These Notes and Reports are listed and described on the agency's website ([www.arts.gov](http://www.arts.gov)) along with information on how to obtain copies. Published Notes and Reports containing data from prior national surveys of Public Participation in the Arts (1982, 1985, 1992, 1997, and 2002) can also be found on the same website.

## Related Machine Readable Data Files:

A public use edition of the Survey of Public Participation in the Arts (SPPA) is available for 1982, 1985, 1992, 1997, and 2002. The National Endowment for the Arts sponsored four prior SPPAs. The first three (1982, 1985, and 1992) were conducted as supplements to the Bureau's National Crime Victimization Survey (NCVS). For more information see the National Endowment for the Arts' Research Division Report #27, **Arts Participation in America: 1982 – 1992** ([www.nea.gov/pub/ResearchReports.html](http://www.nea.gov/pub/ResearchReports.html)). The fourth SPPA was conducted in 1997 as a standalone, random-digit-dial telephone survey by Westat Corporation, a private research firm located in Rockville, MD (see Research Division Report #39, **1997 Survey of Public Participation in the Arts: Summary Report**). All surveys asked similar arts participation questions and obtained responses (from 12,000 to over 17,000) from nationally representative samples. Machine-readable data files for the SPPAs are available from the following sources: 1) Cultural Policy & the Arts National Data Archive ([www.cpanda.org](http://www.cpanda.org)); 2) Inter-university Consortium for Political and Social Research ([www.icpsr.umich.edu](http://www.icpsr.umich.edu)); 3) National Endowment for the Arts ([www.arts.gov](http://www.arts.gov)); and 4) Census Bureau (see **File Availability** section below).

## File Availability:

You can order the file on disc from the Customer Services Center at (301) 763-INFO (4636) or through our online sales catalog (click "Catalog" on the Census Bureau's home page).

## 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 "Explanatory Notes and Estimates of Error" in any recent issue of the *Employment and Earnings*, a Bureau of Labor Statistics periodical. This source is referred to on the next page.

## **CPS Sample Design**

The current CPS sample is selected based on 2000 census information. The first stage of the 2000 sample design created 2,025 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 824 PSUs were selected for sampling. 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 Core-Based Statistical Area (CBSA) status and size. Within each cluster, there is a further breakdown by residence. Each CBSA cluster is split by "principal city" and "balance of the CBSA." The proportion of occupied sample households not interviewed fluctuates around 8 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 2000 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, 2000. 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 2003, the projections were based on earlier censuses, and prior to January 1994, 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 2003" in the January 2003 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
<hr/>					
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
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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
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## **ATTACHMENT 3**

### **OVERVIEW**

#### **May 2008: Public Participation in the Arts Supplement**

##### **General**

Census Bureau staff conducted the May 2008 Public Participation in the Arts Survey as a supplement to that month's Current Population Survey (CPS). The CPS is a monthly labor force survey in which interviews are conducted in approximately 60,000 households across the Nation. Attachment 9 contains the May 2008 Public Participation in the Arts supplement questions asked of all applicable persons 18 years old or older. Attachment 2 comprises a description of the CPS entitled "Overview – Current Population Survey." A description of the May 2008 Public Participation in the Arts Survey follows.

##### **Data Collection**

The Public Participation in the Arts questions were asked of the CPS respondent and another randomly selected household member aged 18 or older from about one-fourth the sampled CPS households. If the selected person had a spouse or partner then questions were also asked of the spouse/partner. The supplement contained questions about the sampled member's participation in various artistic activities from May 1, 2007 to May 1, 2008. Questions were asked about the type of artistic activity, the frequency of participation, training and exposure, musical and artistic preferences, school-age socialization, and computer usage related to artistic information. These topics were separated into a core set of questions, four modules, and another series of questions referred to as X Questions.

Items asked in the core section (items Q1a-Q11a) asked respondents and their spouse/partners if they attended any artistic events and if so, how often. In addition to the core questions, there were "special core" questions (items Q2a-Q2d) asked of respondents and their spouse/partners. Module A (items A3-A4) asked respondents about music and reading preferences. Module B (B2a-B14) asked respondents if they participated (read, listened to, watched on television, video tape, or video disc, or watch or downloaded from the Internet) any artistic events, if they watched any artistic events, on what device(s) and how many times in the last 12 months. Module C (C6a-C21a) asked respondents if they participated in certain types of other leisure or artistic activities (e.g. sports, exercise, gardening, or publicly performed music, act, or danced) in the last 12 months. Module D (items D1a-D7b) asked respondents about art related lessons or classes (i.e. music, painting, acting, ballet), and if so, how old were they when they took those lessons/classes and were they offered in school and were they taken in the past year. A set of additional questions about the respondent's parent's education and the participation of the respondent's school age children were asked in the X Questions. Interviews were conducted during the period of May 18 - 24, 2008.

## Data Processing

The data processing involved editing the May Public Participation in the Arts supplement data. This process is described below.

**Edits.** The data processing involved a skip pattern edit of all Public Participation in the Arts supplement items. In addition, age and parent's education were verified.

The values for each variable are defined in the supplement record layout (Attachment 7).

**Weighting.** The design of the supplement questionnaire required two weights to be developed. The supplement weights associated with the May 2008 Public Participation in the Arts supplement are CWGT and MWGT. The CWGT is used when modules were asked of both the respondent and the spouse/partner, and the MWGT is used when modules asked only about the respondent. The module factor is applied to the CWGT or MWGT to adjust for the modules being administered to only a portion of the sample cases. Use these weights, (located in positions 1225-1234 and 1235-1244), and the module factor, given in the table below, for tallying the supplement items. Both weights include a nonresponse adjustment.

Use the following table to determine the weight and factor to apply to each interviewed case based on the modules and sets of questions being analyzed. Multiply the weight by the module factor to determine the final weight.

Weights and Module Factors to Assign to each Case in Analysis to Calculate the Final Weight		
Analysis of Modules	Weight to Use	Module Factor to Assign
Core Questions	CWGT	1.000000
X Questions or Core Questions and X Questions	MWGT	1.000000
Module A or Module B or Core Question and Module A or Core Question and Module B or Module A and X Questions or Module B and X Questions or Core Questions and Module A and X Questions or Core Questions and Module B and X Questions	MWGT	2.222222
Module C or Core Question and Module C or Special Core Question or Core Questions and Special Core Question	CWGT	1.818182

Module A and Module B or Module A and Module B and Core Questions or Any of these combinations with X Questions	MWGT	12.00000
Module D or Core Question and Module D or Module C and X Questions or Module D and X Questions or Core Questions and Module C and X Questions or Core Questions and Module D and X Questions or Core Questions and Special Core Question and X Questions	MWGT	1.818182
Module A and Module C or Module A and Module D or Module B and Module C or Module B and Module D or Module C and Module D or any of these combinations with the Core Questions or any of these combinations with the X Questions or any of these combinations with the Core Questions and X Questions	MWGT	5.454545
Special Core Question and Module A or Special Core Question and Module B or any of these combinations with the Core Questions or any of these combinations with the X Questions or any of these combinations with the Core Questions and X Questions	MWGT	4.000000
Special Core Question and Module C or Core Questions and Special Core Question and Module C	CWGT	3.333333
Special Core Question and Module D or Core Questions and Special Core Question and Module D or Question X questions and Special Core Question and Module D or Core Questions and X Questions and Special Core Question and Module D or X Questions and Special Core Question and Module C or Core Questions and X Questions and Special Core Question and Module C	MWGT	3.333333
Special Core Question and Module A and Module B or this combination with the Core Questions or this combination with the X Questions or this combination with the Core Questions and X Questions	MWGT	20.00000
Special Core Question and Module A and Module C or Special Core Question and Module A and Module D or Special Core Question and Module B and Module C or Special Core Question and Module B and Module D or Special Core Question and Module C and Module D or any of these combinations with the Core Questions or any of these combinations with the X Questions or any of these combinations with the Core Questions and X Questions	MWGT	10.000000

For example, multiply the MWGT by the module factor of 5.454545 to determine the final weight when cross analyzing variables from Module A and Module C.

## May 2008 Public Participation in the Arts Computer File

**The CPS Labor Force Data.** The May 2008 CPS file contains 152,408 records. Each record contains 1,246 characters. Attachment 6 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 person 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 = Interview
- 2 = Type A Noninterview (These records represent households that were eligible for the May 2008 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 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 the 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 number of records can be determined.

The values of PRPERTYP are:

	<u>Unweighted Counts</u>
1 = Child	27,340
2 = Adult Civilian, 15+	107,010
3 = Adult, Armed Forces	476

The values of HRINTSTA are:

1 = Interview	54,365
2 = Type A Noninterview	4,581
3 = Type B Noninterview	12,504
4 = Type C Noninterview	497

**May 2008 Public Participation in the Arts Supplement Data.** The May 2008 Public Participation in the Arts supplement data are located in character positions 951-1246 (See Attachment 7). In addition, a data dictionary is included with variable names and a brief variable description (See Attachment 18).

**Unweighted Counts.** Attachment 13 is a tally listing of unweighted counts. Use these counts to ensure that the file is being accessed properly

## 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/Non-Hispanic Origin**-A person's Hispanic/Non-Hispanic status in this file is determined on the basis of a question that simply ask "(Is/Are) (Name/you) 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 person served at any time during the four most recent wartime periods, the codes for all periods of service are entered. A person can report up to 4 periods of service. The following codes are used:

- 0 Children under 15
- 1 September 2001 or later
- 2 August 1990 to August 2001
- 3 May 1975 to July 1990
- 4 Vietnam era (Aug 1964 to Apr 1975)
- 5 February 1955 to July 1964
- 6 Korean War (July 1950 to January 1955)
- 7 January 1947 to June 1950
- 8 World War II (December 1941 to December 1946)
- 9 November 1941 or earlier

**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

### CPS RECORD LAYOUT FOR BASIC LABOR FORCE ITEMS

#### STANDARD PUBLIC USE FILES

#### A1. HOUSEHOLD INFORMATION

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\*      STARTING January 2008      \*

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NAME	SIZE	DESCRIPTION	LOCATION
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Additional valid entries for unedited items: -1 (blank), -2 (don't know), -3 (refused).
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HRHHID	15	HOUSEHOLD IDENTIFIER (Part 1)	1 - 15
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EDITED UNIVERSE:  
ALL HHLD's IN SAMPLE

Part 1. See Characters 71-75 for Part 2 of the  
Household Identifier.  
Use Part 1 only for matching backward in time and  
use in combination with Part 2 for matching  
forward in time.

HRMONTH	2	MONTH OF INTERVIEW	16 - 17
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EDITED UNIVERSE:  
ALL HHLDs IN SAMPLE

VALID ENTRIES

01	MIN VALUE
12	MAX VALUE

NAME	SIZE	DESCRIPTION	LOCATION
HRYEAR4	4	YEAR OF INTERVIEW  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  <u>VALID ENTRIES</u>  1998 MIN VALUE 2999 MAX VALUE	18 - 21
HURESPLI	2	LINE NUMBER OF THE CURRENT RESPONDENT  <u>VALID ENTRIES</u>  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.  <u>VALID ENTRIES</u>  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 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	24 - 26



NAME	SIZE	DESCRIPTION	LOCATION
		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	
HUSPNISH	2	IS SPANISH THE ONLY LANGUAGE SPOKEN BY ALL MEMBERS OF THIS HOUSEHOLD WHO ARE 15 YEARS OF AGE OR OLDER?	27 - 28
		<u>VALID ENTRIES</u>	
		1 SPANISH ONLY LANGUAGE SPOKEN	
HETENURE	2	ARE YOUR LIVING QUARTERS... (READ ANSWER CATEGORIES)	29 - 30
		EDITED UNIVERSE: HRINTSTA = 1 OR HUTYPB = 1-3	
		<u>VALID ENTRIES</u>	
		1 = OWNED OR BEING BOUGHT BY A HH MEMBER	
		2 = RENTED FOR CASH	
		3 = OCCUPIED WITHOUT PAYMENT OF CASH RENT	
		NOTE: May be missing on the Basic CPS microdata files. This will be updated on later releases of the same month's data.	

NAME	SIZE	DESCRIPTION	LOCATION
HEHOUSUT	2	<p>TYPE OF HOUSING UNIT</p> <p>EDITED UNIVERSE: ALL HHLDs IN SAMPLE</p> <p><u>VALID ENTRIES</u></p> <p>0 OTHER UNIT</p> <p>1 HOUSE, APARTMENT, FLAT</p> <p>2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.</p> <p>3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL</p> <p>4 HU IN ROOMING HOUSE</p> <p>5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED</p> <p>6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED</p> <p>7 HU NOT SPECIFIED ABOVE</p> <p>8 QUARTERS NOT HU IN ROOMING OR BRDING HS</p> <p>9 UNIT NOT PERM. IN TRANSIENT HOTL, MOTL</p> <p>10 UNOCCUPIED TENT SITE OR TRLR SITE</p> <p>11 STUDENT QUARTERS IN COLLEGE DORM</p> <p>12 OTHER UNIT NOT SPECIFIED ABOVE</p>	31 - 32
HETELHHD	2	<p>IS THERE A TELEPHONE IN THIS HOUSE/APARTMENT?</p> <p>EDITED UNIVERSE: HINTSTA = 1</p> <p><u>VALID ENTRIES</u></p> <p>1 YES</p> <p>2 NO</p>	33 - 34
HETELAVL	2	<p>IS THERE A TELEPHONE ELSEWHERE ON WHICH PEOPLE IN THIS HOUSEHOLD CAN BE CONTACTED?</p> <p>EDITED UNIVERSE: HETELHHD = 2</p> <p><u>VALID ENTRIES</u></p> <p>1 YES</p> <p>2 NO</p>	35 - 36

NAME	SIZE	DESCRIPTION	LOCATION
HEPHONEO	2	IS A TELEPHONE INTERVIEW ACCEPTABLE?  EDITED UNIVERSE: HETELHHD = 1 OR HETELAVL = 1  <u>VALID ENTRIES</u>  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.)  <u>VALID ENTRIES</u>  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 TO 99,999 15     100,000 TO 149,999 16     150,000 OR MORE	39 - 40
HUTYPEA	2	TYPE A NONINTERVIEW REASON  <u>VALID ENTRIES</u>  1      NO ONE HOME (NOH) 2      TEMPORARILY ABSENT (TA) 3      REFUSED (REF) 4      OTHER OCCUPIED - SPECIFY	41 - 42

NAME	SIZE	DESCRIPTION	LOCATION
HUTYPB	2	TYPE B NON-INTERVIEW REASON	43 - 44
		<u>VALID ENTRIES</u>	
		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 T RAILER SITE	
		8 PERMIT GRANTED CONSTRUCTION NOT STARTED	
		9 OTHER TYPE B - SPECIFY	
HUTYPC	2	TYPE C NON-INTERVIEW REASON	45 - 46
		<u>VALID ENTRIES</u>	
		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	
HWHHWGT	10	HOUSEHOLD WEIGHT (4 IMPLIED DECIMAL PLACES) USED FOR TALLYING HOUSEHOLD CHARACTERISTICS	47 - 56
		EDITED UNIVERSE: HINTSTA = 1	

NAME	SIZE	DESCRIPTION	LOCATION
HRINTSTA	2	INTERVIEW STATUS  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  0 MIN VALUE 16 MAX VALUE	59 - 60
HRHTYPE	2	HOUSEHOLD TYPE  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  <u>VALID ENTRIES</u>  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	61 - 62

NAME	SIZE	DESCRIPTION	LOCATION
HRMIS	2	MONTH-IN-SAMPLE  EDITED UNIVERSE: ALL HHLDs IN SAMPLE  <u>VALID ENTRIES</u>  1      MIN VALUE 8      MAX VALUE	63 - 64
HUINTTYP	2	TYPE OF INTERVIEW  <u>VALID ENTRIES</u>  0      NONINTERVIEW/INDETERMINATE 1      PERSONAL 2      TELEPHONE	65 - 66
HUPRSCNT	2	NUMBER OF ACTUAL AND ATTEMPTED PERSONAL CONTACTS  <u>VALID ENTRIES</u>  1      MIN VALUE 9      MAX VALUE	67 - 68
HRLONGLK	2	LONGITUDINAL LINK INDICATOR EDITED UNIVERSE: ALL HHLDs IN SAMPLE  <u>VALID ENTRIES</u>  0      MIS 1 OR REPLACEMENT HH (NO LINK) 2      MIS 2-4 OR MIS 6-8 3      MIS 5	69 - 70

NAME	SIZE	DESCRIPTION	LOCATION
HRHHID2	5	HOUSEHOLD IDENTIFIER (part 2)  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  Part 1 of this number is found in columns 1-15 of the record. Concatenate this item with Part 1 for matching forward in time.  The component parts of this number are as follows:  71-72    Numeric component of the sample number (HRSAMPLE) 73-74    Serial suffix-converted to numerics (HRSERSUF) 75        Household Number (HUHHNUM)	71 - 75
FILLER	3	Filler	76 - 78
HUBUS	2	DOES ANYONE IN THIS HOUSEHOLD HAVE A BUSINESS OR A FARM?  <u>VALID ENTRIES</u>  1        YES 2        NO	79 - 80
HUBUSL1	2	ENTER LINE NUMBER FOR HUBUS = 1  <u>VALID ENTRIES</u>  01       MIN VALUE 99       MAX VALUE	81 - 82
HUBUSL2	2	See BUSL1  <u>VALID ENTRIES</u>  1        MIN VALUE 99       MAX VALUE	83 - 84

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



NAME	SIZE	DESCRIPTION	LOCATION
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## A2. GEOGRAPHIC INFORMATION

GEREG	2	REGION	89 - 90
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EDITED UNIVERSE:  
ALL HHLD's IN SAMPLE

### VALID ENTRIES

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

GESTCEN	2	CENSUS STATE CODE	91 - 92
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EDITED UNIVERSE:  
ALL HHLD's IN SAMPLE

### VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
GESTFIPS	2	FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) STATE CODE  EDITED UNIVERSE: ALL HHLD's IN SAMPLE  <u>VALID ENTRIES</u>  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	93 - 94
FILLER	1	Filler	95 - 95

NAME	SIZE	DESCRIPTION	LOCATION
GTCBSA	5	Metropolitan CBSA FIPS CODE	96 - 100
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		00000 NOT IDENTIFIED OR NONMETROPOLITAN	
		00460 MIN VALUE	
		79600 MAX VALUE	
		SPECIFIC METROPOLITAN CBSA CODE (SEE GEOGRAPHIC ATTACHMENT)	
GTCO	3	FIPS COUNTY CODE	101 - 103
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		000 NOT IDENTIFIED	
		001-810 SPECIFIC COUNTY CODE (SEE ATTACHMENT 13)	
		NOTE: THIS CODE MUST BE USED IN COMBINATION WITH A STATE CODE (GESTFIPS or GESTCEN) IN ORDER TO UNIQUELY IDENTIFY A COUNTY. ALSO, MOST COUNTIES ARE <b><u>NOT</u></b> IDENTIFIED.	
GTCBSAST	1	PRINCIPAL CITY/BALANCE STATUS	104 - 104
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		1 = PRINCIPAL CITY	
		2 = BALANCE	
		3 = NONMETROPOLITAN	
		4 = NOT IDENTIFIED	

NAME	SIZE	DESCRIPTION	LOCATION
GTMETSTA	1	<p>METROPOLITAN STATUS</p> <p>EDITED UNIVERSE: ALL HHLD's IN SAMPLE</p> <p><u>VALID ENTRIES</u></p> <p>1      METROPOLITAN 2      NONMETROPOLITAN 3      NOT IDENTIFIED</p>	105 - 105
GTINDVPC	1	<p>INDIVIDUAL PRINCIPAL CITY</p> <p>EDITED UNIVERSE: ALL HHLD's IN SAMPLE</p> <p><u>VALID ENTRIES</u></p> <p>0      NOT IDENTIFIED, NONMETROPOLITAN,          or NOT A CENTRAL CITY 1-7    SPECIFIC PRINCIPAL CITY CODE          (SEE GEOGRAPHIC ATTACHMENT )          NOTE: WHENEVER POSSIBLE THIS          CODE IDENTIFIES SPECIFIC PRINCIPAL          CITIES IN A METROPOLITAN AREA THAT          HAS MULTIPLE PRINCIPAL CITIES. THIS          CODE MUST BE USED IN COMBINATION          WITH THE CBSA FIPS CODE (GTCBSA)          IN ORDER TO UNIQUELY IDENTIFY A          SPECIFIC CITY.</p>	106 - 106
GTCBSASZ	1	<p>Metropolitan Area (CBSA) SIZE</p> <p>EDITED UNIVERSE: ALL HHLD's IN SAMPLE</p> <p><u>VALID ENTRIES</u></p> <p>0      =      NOT IDENTIFIED OR               NONMETROPOLITAN 2      =      100,000 - 249,999 3      =      250,000 - 499,999</p>	107 - 107

NAME	SIZE	DESCRIPTION	LOCATION
		4 = 500,000 - 999,999	
		5 = 1,000,000 - 2,499,999	
		6 = 2,500,000 - 4,999,999	
		7 = 5,000,000+	
GTCSA	3	Consolidated Statistical Area (CSA) FIPS CODE	108-110
		EDITED UNIVERSE: ALL HHLD's IN SAMPLE	
		<u>VALID ENTRIES</u>	
		000 NOT IDENTIFIED OR NONMETROPOLITAN	
		118 MIN VALUE	
		720 MAX VALUE	
		SPECIFIC CSA CODE (SEE GEOGRAPHIC ATTACHMENT)	
FILLER	3	Filler	111 - 113

NAME	SIZE	DESCRIPTION	LOCATION
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### A3. PERSONS INFORMATION DEMOGRAPHIC ITEMS

PROLDRRP	2	RELATIONSHIP TO REFERENCE PERSON (RECODE) Eliminated February 2005	114 - 115
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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

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\* Starting February 2005 \*  
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FILLER	2	Filler	114 - 115
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NAME	SIZE	DESCRIPTION	LOCATION
PUPELIG	2	INTERVIEW STATUS OF EACH PERSON IN THE HOUSEHOLD	116 - 117

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
- 11 END OF LIST
- 12 AFTER END OF LIST

PERRP	2	RELATIONSHIP TO REFERENCE PERSON	118 - 119
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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.

NAME	SIZE	DESCRIPTION	LOCATION
		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	
PEPARENT	2	LINE NUMBER OF PARENT  EDITED UNIVERSE: EVERY PERSON  <u>VALID ENTRIES</u>  -1 NO PARENT 01 MIN VALUE 99 MAX VALUE	120 - 121
PEAGE	2	PERSONS AGE AS OF THE END OF SURVEY WEEK  EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3  <u>VALID ENTRIES</u>  00-79 Age in Years 80 80-84 Years Old 85 85+ Years Old	122 - 123
PRTFAGE	1	TOP CODE FLAG FOR AGE  <u>VALID ENTRIES</u>  0 NO TOP CODE 1 TOP CODED VALUE FOR AGE	124 - 124



NAME	SIZE	DESCRIPTION	LOCATION
PEMARITL	2	MARITAL STATUS	125 - 126
		EDITED UNIVERSE: PEAGE >= 15	
		<u>VALID ENTRIES</u>	
		1 MARRIED - SPOUSE PRESENT	
		2 MARRIED - SPOUSE ABSENT	
		3 WIDOWED	
		4 DIVORCED	
		5 SEPARATED	
		6 NEVER MARRIED	
PESPOUSE	2	LINE NUMBER OF SPOUSE	127 - 128
		EDITED UNIVERSE: PEMARITL = 1	
		<u>VALID ENTRIES</u>	
		-1 NO SPOUSE	
		01 MIN VALUE	
		99 MAX VALUE	
PESEX	2	SEX	129 - 130
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		1 MALE	
		2 FEMALE	
PEAFEVER	2	DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES?	131 - 132
		<u>EDITED UNIVERSE:</u> PEAGE >=17	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	

NAME	SIZE	DESCRIPTION	LOCATION
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\* Starting August 2005 \*

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FILLER	2	Filler	133 - 134
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PEAFNOW	2	ARE YOU NOW IN THE ARMED FORCES	135 - 136
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EDITED UNIVERSE:  
PRPERTYP = 2 or 3

VALID ENTRIES

1	YES
2	NO

PEEDUCA	2	HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED EDITED UNIVERSE: PRPERTYP = 2 OR 3	137 - 138
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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)

NAME	SIZE	DESCRIPTION	LOCATION
PTDTRACE	2	RACE	139 - 140

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

VALID ENTRIES

- 01 White Only
- 02 Black Only
- 03 American Indian, Alaskan Native Only
- 04 Asian Only
- 05 Hawaiian/Pacific Islander Only
- 06 White-Black
- 07 White-AI
- 08 White-Asian
- 09 White-Hawaiian
- 10 Black-AI
- 11 Black-Asian
- 12 Black-HP
- 13 AI-Asian
- 14 Asian-HP
- 15 W-B-AI
- 16 W-B-A
- 17 W-AI-A
- 18 W-A-HP
- 19 W-B-AI-A
- 20 2 or 3 Races
- 21 4 or 5 Races

PRDTHSP	2	DETAILED HISPANIC ORIGIN GROUP	141 - 142
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EDITED UNIVERSE:  
PEHSPNON = 1

VALID ENTRIES

- 1 Mexican
- 2 Puerto Rican
- 3 Cuban
- 4 Central/South American
- 5 Other Spanish

NAME	SIZE	DESCRIPTION	LOCATION
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

FILLER	2	Filler	145 - 146
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PULINENO	2	PERSON'S LINE NUMBER	147 - 148
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VALID ENTRIES

01	MIN VALUE
99	MAX VALUE

FILLER	2	Filler	149 - 150
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PRFAMNUM	2	FAMILY NUMBER RECODE	151 - 152
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EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 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

NAME	SIZE	DESCRIPTION	LOCATION
		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	
PRFAMREL	2	FAMILY RELATIONSHIP RECODE	153 - 154
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		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, OR 3	
		<u>VALID ENTRIES</u>	
		1 PRIMARY FAMILY	
		2 PRIMARY INDIVIDUAL	
		3 RELATED SUBFAMILY	
		4 UNRELATED SUBFAMILY	
		5 SECONDARY INDIVIDUAL	
PEHSPNON	2	HISPANIC OR NON-HISPANIC	157 - 158
		EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3	
		<u>VALID ENTRIES</u>	
		1 HISPANIC	
		2 NON-HIPSANIC	

NAME	SIZE	DESCRIPTION	LOCATION
PRMARSTA	2	MARITAL STATUS BASED ON ARMED FORCES PARTICIPATION  EDITED UNIVERSE: PRPERTYP = 2 OR 3  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  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, OR 3  <u>VALID ENTRIES</u>  057 = UNITED STATES 066 = GUAM 073 = PUERTO RICO 078 = U.S. VIRGIN ISLANDS 096 = OTHER U.S. ISLAND AREA 100-554 = FOREIGN COUNTRY (SEE APPENDIX) 555 = ELSEWHERE	163 - 165

NAME	SIZE	DESCRIPTION	LOCATION
PEMNTVTY	3	<p>MOTHER'S COUNTRY OF BIRTH</p> <p>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3</p> <p><u>VALID ENTRIES</u></p> <p>057 = UNITED STATES 066 = GUAM 073 = PUERTO RICO 078 = U.S. VIRGIN ISLANDS 096 = OTHER U.S. ISLAND AREA 100-554 = FOREIGN COUNTRY (SEE APPENDIX) 555 = ELSEWHERE</p>	166 - 168
PEFNTVTY	3	<p>FATHER'S COUNTRY OF BIRTH</p> <p>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3</p> <p><u>VALID ENTRIES</u></p> <p>057 = UNITED STATES 066 = GUAM 073 = PUERTO RICO 078 = U.S. VIRGIN ISLANDS 096 = OTHER U.S. ISLAND AREA 100-554 = FOREIGN COUNTRY (SEE APPENDIX) 555 = ELSEWHERE</p>	169 - 171
PRCITSHP	2	<p>CITIZENSHIP STATUS</p> <p>EDITED UNIVERSE: PRPERTYP = 1, 2, OR 3</p> <p><u>VALID ENTRIES</u></p> <p>1 = NATIVE, BORN IN THE UNITED STATES 2 = NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND 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</p>	172 - 173

NAME	SIZE	DESCRIPTION	LOCATION
PRCITFLG	2	CITIZENSHIP ALLOCATION FLAG	174 - 175

EDITED UNIVERSE:  
PRPERTYP = 1, 2, OR 3

Placed in this position because naming convention is different from all other allocation flags.

PRINUSYR	2	IMMIGRANT'S YEAR OF ENTRY	176 - 177
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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 = 1996-1997

16 = 1998-1999

17 = 2000-2001

18 = 2002-2004

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\* STARTING JANUARY 2005 \*

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18 = 2002-2005



NAME	SIZE	DESCRIPTION	LOCATION
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```
*****
*   STARTING JANUARY 2006   *
*****
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```
18 = 2002-2003
19 = 2004-2006
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*****
*   STARTING JANUARY 2007   *
*****
```

```
19 = 2004-2007
```

```
*****
*   STARTING JANUARY 2008   *
*****
```

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19 = 2004-2005
20 = 2006-2008
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NAME	SIZE	DESCRIPTION	LOCATION
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#### A4. PERSONS INFORMATION LABOR FORCE ITEMS

PUSLFPRX	2	LABOR FORCE INFORMATION COLLECTED BY SELF OR PROXY RESPONSE	178 - 179
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##### VALID ENTRIES

1	SELF
2	PROXY
3	BOTH SELF AND PROXY

PEMLR	2	MONTHLY LABOR FORCE RECODE EDITED UNIVERSE: PRPERTYP = 2	180 - 181
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##### 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

PUWK	2	LAST WEEK, DID YOU DO ANY WORK FOR (EITHER) PAY (OR PROFIT)?	182 - 183
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##### VALID ENTRIES

1	YES
2	NO
3	RETIRED
4	DISABLED
5	UNABLE TO WORK

NAME	SIZE	DESCRIPTION	LOCATION
PUBUS1	2	LAST WEEK, DID YOU DO ANY UNPAID WORK IN THE FAMILY BUSINESS OR FARM?	184 - 185
		<u>VALID ENTRIES</u>	
		1      YES	
		2      NO	
PUBUS2OT	2	DO YOU RECEIVE ANY PAYMENTS OR PROFITS FROM THE BUSINESS?	186 - 187
		<u>VALID ENTRIES</u>	
		1      YES	
		2      NO	
PUBUSCK1	2	CHECK ITEM 1 FILTER FOR QUESTIONS ON UNPAID WORK	188 - 189
		<u>VALID ENTRIES</u>	
		1      GOTO PUBUS1	
		2      GOTO PURETCK1	
PUBUSCK2	2	CHECK ITEM 2 SKIPS OWNERS OF FAMILY BUSINES WHO DID NOT WORK LAST WEEK	190 - 191
		<u>VALID ENTRIES</u>	
		1      GOTO PUHRUSL1	
		2      GOTO PUBUS2	
PUBUSCK3	2	CHECK ITEM 3	192 - 193
		<u>VALID ENTRIES</u>	
		1      GOTO PUABSRSN	
		2      GOTO PULAY	

NAME	SIZE	DESCRIPTION	LOCATION
PUBUSCK4	2	CHECK ITEM 4 <u>VALID ENTRIES</u>  1      GOTO PUHRUSL1 2      GOTO PUABSPD	194 - 195
PURETOT	2	RETIREMENT STATUS (LAST MONTH YOU WERE REPORTED TO BE RETIRED, ARE YOU STILL RETIRED THIS MONTH?)  <u>VALID ENTRIES</u>  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?  <u>VALID ENTRIES</u>  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))  <u>VALID ENTRIES</u>  1      YES 2      NO 3      HAS A JOB	200 - 201

NAME	SIZE	DESCRIPTION	LOCATION
PUDIS1	2	DOES YOUR DISABILITY PREVENT YOU FROM ACCEPTING ANY KIND OF WORK DURING THE NEXT SIX MONTHS?	202 - 203
		<u>VALID ENTRIES</u>	
		1      YES	
		2      NO	
PUDIS2	2	DO YOU HAVE A DISABILITY THAT PREVENTS YOU FROM ACCEPTING ANY KIND OF WORK DURING	204 - 205
		THE NEXT SIX MONTHS?	
		<u>VALID ENTRIES</u>	
		1      YES	
		2      NO	
PUABSOT	2	LAST WEEK DID YOU HAVE A JOB EITHER FULL OR PART-TIME?	206 - 207
		<u>VALID ENTRIES</u>	
		1      YES	
		2      NO	
		3      RETIRED	
		4      DISABLED	
		5      UNABLE TO WORK	
PULAY	2	LAST WEEK, WERE YOU ON LAYOFF FROM A JOB?	208 - 209
		<u>VALID ENTRIES</u>	
		1      YES	
		2      NO	
		3      RETIRED	
		4      DISABLED	
		5      UNABLE TO WORK	

NAME	SIZE	DESCRIPTION	LOCATION
PEABSRSN	2	<p>WHAT IS THE MAIN REASON YOU WERE ABSENT FROM WORK LAST WEEK?</p> <p>EDITED UNIVERSE: PEMLR = 2</p> <p><u>VALID ENTRIES</u></p> <p>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 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)</p>	210 - 211
PEABSPDO	2	<p>ARE YOU BEING PAID BY YOUR EMPLOYER FOR ANY OF THE TIME OFF LAST WEEK?</p> <p>EDITED UNIVERSE: PEABSRSN = 4-12, 14</p> <p><u>VALID ENTRIES</u></p> <p>1      YES 2      NO</p>	212 - 213
PEMJOT	2	<p>DO YOU HAVE MORE THAN ONE JOB?</p> <p>EDITED UNIVERSE: PEMLR = 1, 2</p> <p><u>VALID ENTRIES</u></p> <p>1      YES 2      NO</p>	214 - 215

NAME	SIZE	DESCRIPTION	LOCATION
PEMJNUM	2	<p>ALTOGETHER, HOW MANY JOBS DID YOU HAVE?</p> <p>EDITED UNIVERSE: PEMJOT = 1</p> <p><u>VALID ENTRIES</u></p> <p>2      2 JOBS 3      3 JOBS 4      4 OR MORE JOBS</p>	216 - 217
PEHRUSL1	2	<p>HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR MAIN JOB?</p> <p>EDITED UNIVERSE: PEMJOT = 1 OR 2 AND PEMLR = 1 OR 2</p> <p><u>VALID ENTRIES</u></p> <p>-4      HOURS VARY 0      MIN VALUE 99      MAX VALUE</p>	218 - 219
PEHRUSL2	2	<p>HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER (JOB/JOBS)?</p> <p>EDITED UNIVERSE: PEMJOT = 1 AND PEMLR = 1 OR 2</p> <p><u>VALID ENTRIES</u></p> <p>-4      HOURS VARY 0      MIN VALUE 99      MAX VALUE</p>	220 - 221

NAME	SIZE	DESCRIPTION	LOCATION
PEHRFTPT	2	DO YOU USUALLY WORK 35 HOURS OR MORE PER WEEK?	222 - 223
		EDITED UNIVERSE: PEHRUSL1 = -4 OR PEHRUSL2 = -4	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
		3 HOURS VARY	
PEHRUSLT	3	SUM OF HRUSL1 AND HRUSL2.	224 - 226
		EDITED UNIVERSE: PEMLR = 1 OR 2	
		<u>VALID ENTRIES</u>	
		-4 VARIES	
		0 MIN VALUE	
		198 MAX VALUE	
PEHRWANT	2	DO YOU WANT TO WORK A FULL-TIME WORKWEEK OF 35 HOURS OR MORE PER WEEK?	227 - 228
		EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 PEHRFTPT = 2)	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
		3 REGULAR HOURS ARE FULL-TIME	



NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN1	2	<p>WHAT IS YOUR MAIN REASON FOR WORKING PART-TIME?</p> <p>EDITED UNIVERSE:  PEHRWANT = 1 (PEMLR = 1 AND PEHRUSLT &lt; 35)  <u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 SLACK WORK/BUSINESS CONDITIONS</li> <li>2 COULD ONLY FIND PART-TIME WORK</li> <li>3 SEASONAL WORK</li> <li>4 CHILD CARE PROBLEMS</li> <li>5 OTHER FAMILY/PERSONAL OBLIGATIONS</li> <li>6 HEALTH/MEDICAL LIMITATIONS</li> <li>7 SCHOOL/TRAINING</li> <li>8 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS</li> <li>9 FULL-TIME WORKWEEK IS LESS THAN 35 HRS</li> <li>10 OTHER - SPECIFY</li> </ol>	229 - 230
PEHRRSN2	2	<p>WHAT IS THE MAIN REASON YOU DO NOT WANT TO WORK FULL-TIME?</p> <p>EDITED UNIVERSE:  PEHRWANT = 2 (PEMLR = 1 AND PEHRUSLT &lt; 35)  <u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 CHILD CARE PROBLEMS</li> <li>2 OTHER FAMILY/PERSONAL OBLIGATIONS</li> <li>3 HEALTH/MEDICAL LIMITATIONS</li> <li>4 SCHOOL/TRAINING</li> <li>5 RETIRED/SOCIAL SECURITY LIMIT ON EARNINGS</li> <li>6 FULL-TIME WORKWEEK LESS THAN 35 HOURS</li> <li>7 OTHER - SPECIFY</li> </ol>	231 - 232

NAME	SIZE	DESCRIPTION	LOCATION
PEHRRSN3	2	<p>WHAT IS THE MAIN REASON YOU WORKED LESS THAN 35 HOURS LAST WEEK?</p> <p>EDITED UNIVERSE:  PEHRACTT = 1-34 AND PUHRCK7 NE 1, 2  (PEMLR = 1 AND PEHRUSLT = 35+)</p> <p><u>VALID ENTRIES</u></p> <p>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</p>	233 - 234
PUHROFF1	2	<p>LAST WEEK, DID YOU LOSE OR TAKE OFF ANY HOURS FROM YOUR JOB, FOR ANY REASON SUCH AS ILLNESS, SLACK WORK, VACATION, OR HOLIDAY?</p> <p><u>VALID ENTRIES</u></p> <p>1 YES  2 NO</p>	235 - 236
PUHROFF2	2	<p>HOW MANY HOURS DID YOU TAKE OFF?</p> <p><u>VALID ENTRIES</u></p> <p>0 MIN VALUE  99 MAX VALUE</p>	237 - 238

NAME	SIZE	DESCRIPTION	LOCATION
PUHROT1	2	<p>LAST WEEK, DID YOU WORK ANY OVERTIME OR EXTRA HOURS (AT YOUR MAIN JOB) THAT YOU DO NOT USUALLY WORK?</p> <p><u>VALID ENTRIES</u></p> <p>1      YES 2      NO</p>	239 - 240
PUHROT2	2	<p>HOW MANY ADDITIONAL HOURS DID YOU WORK?</p> <p><u>VALID ENTRIES</u></p> <p>0      MIN VALUE 99     MAX VALUE</p>	241 - 242
PEHRACT1	2	<p>LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR JOB?</p> <p>EDITED UNIVERSE: PEMLR = 1</p> <p><u>VALID ENTRIES</u></p> <p>0      MIN VALUE 99     MAX VALUE</p>	243 - 244
PEHRACT2	2	<p>LAST WEEK, HOW MANY HOURS DID YOU ACTUALLY WORK AT YOUR OTHER (JOB/JOB)</p> <p>EDITED UNIVERSE: PEMLR = 1 AND PEMJOT = 1</p> <p><u>VALID ENTRIES</u></p> <p>0      MIN VALUE 99     MAX VALUE</p>	245 - 246

NAME	SIZE	DESCRIPTION	LOCATION
PEHRACTT	3	SUM OF PEHRACT1 AND PEHRACT2.  EDITED UNIVERSE: PEMLR = 1  <u>VALID ENTRIES</u>  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)  <u>VALID ENTRIES</u>  1      YES 2      NO	250 - 251
FILLER	5	Filler	252 - 256
PUHRCK1	2	CHECK ITEM 1  <u>VALID ENTRIES</u>  1      GOTO PUHRUSL2 2      GOTO PUHRUSLT	257 - 258

NAME	SIZE	DESCRIPTION	LOCATION
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
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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
		<u>VALID ENTRIES</u>	
		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
		<u>VALID ENTRIES</u>	
		1) IF ENTRY OF 1 IN MJOT GOTO HRACT2	
		2) ALL OTHERS GOTO HRCK6-C	
PUHRCK6	2	CHECK ITEM 6	267 - 268
		<u>VALID ENTRIES</u>	
		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
		<u>VALID ENTRIES</u>	
		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	271 - 272
		<u>VALID ENTRIES</u>	
		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	
PULAYDT	2	HAS YOUR EMPLOYER GIVEN YOU A DATE TO RETURN TO WORK?	273 - 274
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	
PULAY6M	2	HAVE YOU BEEN GIVEN ANY INDICATION THAT YOU WILL BE RECALLED TO WORK WITHIN THE NEXT 6 MONTHS?	275 - 276
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	
PELAYAVL	2	COULD YOU HAVE RETURNED TO WORK LAST WEEK IF YOU HAD BEEN RECALLED?	277 - 278
		EDITED UNIVERSE: PEMLR = 3	
		<u>VALID ENTRIES</u>	
		1 YES 2 NO	

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



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

NAME	SIZE	DESCRIPTION	LOCATION
PELKM1	2	<p>WHAT ARE ALL OF THE THINGS YOU HAVE DONE TO FIND WORK DURING THE LAST 4 WEEKS? (FIRST METHOD)</p> <p>EDITED UNIVERSE: PEMLR = 4</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW</li> <li>2 CONTACTED PUBLIC EMPLOYMENT AGENCY</li> <li>3 CONTACTED PRIVATE EMPLOYMENT AGENCY</li> <li>4 CONTACTED FRIENDS OR RELATIVES</li> <li>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER</li> <li>6 SENT OUT RESUMES/FILLED OUT APPLICATION</li> <li>7 CHECKED UNION/PROFESSIONAL REGISTERS</li> <li>8 PLACED OR ANSWERED ADS</li> <li>9 OTHER ACTIVE</li> <li>10 LOOKED AT ADS</li> <li>11 ATTENDED JOB TRAINING PROGRAMS/COURSES</li> <li>12 NOTHING</li> <li>13 OTHER PASSIVE</li> </ol>	296 - 297
PULKM2	2	<p>ANYTHING ELSE? (SECOND METHOD)</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW</li> <li>2 CONTACTED PULBIC EMPLOYMENT AGENCY</li> <li>3 CONTACTED PRIVATE EMPLOYMENT AGENCY</li> <li>4 CONTACTED FRIENDS OR RELATIVES</li> <li>5 CONTACTED SCHOOL/UNIVERSITY EMPL CENTER</li> </ol>	298 - 299

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	
PULKM3	2	SAME AS PULKM2 (THIRD METHOD)	300 - 301
		<u>VALID ENTRIES</u>	
		1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
		2 CONTACTED PULBIC 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	
PULKM4	2	SAME AS PULKM2 (FOURTH METHOD)	302 - 303
		<u>VALID ENTRIES</u>	
		1 CONTACTED EMPLOYER DIRECTLY/ INTERVIEW	
		2 CONTACTED PULBIC EMPLOYMENT AGENCY	

NAME	SIZE	DESCRIPTION	LOCATION
		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 PULBIC 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
PULKM6	2	SAME AS PULKM2 (SIXTH METHOD)	306 - 307

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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

PULKDK1	2	YOU SAID YOU HAVE BEEN TRYING TO FIND WORK. HOW DID YOU GO ABOUT LOOKING? (FIRST METHOD)	308 - 309
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VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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

NAME	SIZE	DESCRIPTION	LOCATION
		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)	310 - 311
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VALID ENTRIES

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

PULKDK3	2	SAME AS PULKDK2 (THIRD METHOD)	312 - 313
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VALID ENTRIES

- |   |   |
|---|---|
| 1 | CONTACTED EMPLOYER DIRECTLY/<br>INTERVIEW |
| 2 | CONTACTED PULBIC EMPLOYMENT<br>AGENCY     |
| 3 | CONTACTED PRIVATE EMPLOYMENT<br>AGENCY    |
| 4 | CONTACTED FRIENDS OR RELATIVES            |

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 PULBIC 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

PULKDK5	2	SAME AS PULKDK2 (FIFTH METHOD)	316 - 317
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VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC EMPLOYMENT  
AGENCY

NAME	SIZE	DESCRIPTION	LOCATION
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- |    |   |
|----|---|
| 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
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VALID ENTRIES

- |    |   |
|----|---|
| 1  | CONTACTED EMPLOYER DIRECTLY/ INTERVIEW  |
| 2  | CONTACTED PULBIC 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
PULKPS1	2	CAN YOU TELL ME MORE ABOUT WHAT YOU DID TO SEARCH FOR WORK? (FIRST METHOD)	320 - 321

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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

PULKPS2	2	ANYTHING ELSE? (SECOND METHOD)	322 - 323
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VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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

NAME	SIZE	DESCRIPTION	LOCATION
		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)	324 - 325

VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC 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

PULKPS4	2	SAME AS PULKPS2 (FOURTH METHOD)	326 - 327
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VALID ENTRIES

- 1 CONTACTED EMPLOYER DIRECTLY/  
INTERVIEW
- 2 CONTACTED PULBIC EMPLOYMENT  
AGENCY
- 3 CONTACTED PRIVATE EMPLOYMENT  
AGENCY
- 4 CONTACTED FRIENDS OR RELATIVES
- 5 CONTACTED SCHOOL/UNIVERSITY EMPL  
CENTER

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	
PULKPS5	2	SAME AS PULKPS2 (FIFTH METHOD)	328 - 329
		<u>VALID ENTRIES</u>	
		1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW	
		2 CONTACTED PULBIC 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	
PULKPS6	2	SAME AS PULKPS2 (SIXTH METHOD)	330 - 331
		<u>VALID ENTRIES</u>	
		1 CONTACTED EMPLOYER DIRECTLY/INTERVIEW	
		2 CONTACTED PULBIC EMPLOYMENT AGENCY	
		3 CONTACTED PRIVATE EMPLOYMENT AGENCY	
		4 CONTACTED FRIENDS OR RELATIVES	

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	
PELKAVL	2	LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?	332 - 333
		EDITED UNIVERSE: PELKM1 = 1 - 13	
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PULKAVR	2	WHY IS THAT?	334 - 335
		<u>VALID ENTRIES</u>	
		1 WAITING FOR NEW JOB TO BEGIN	
		2 OWN TEMPORARY ILLNESS	
		3 GOING TO SCHOOL	
		4 OTHER - SPECIFY	
PELKLL1O	2	BEFORE YOU STARTED LOOKING FOR WORK, WHAT WERE YOU DOING: WORKING, GOING TO SCHOOL, OR SOMETHING ELSE?	336 - 337
		EDITED UNIVERSE: PELKAVL = 1-2	
		<u>VALID ENTRIES</u>	
		1 WORKING	
		2 SCHOOL	

NAME	SIZE	DESCRIPTION	LOCATION
		3 LEFT MILITARY SERVICE 4 SOMETHING ELSE	
PELKLL2O	2	DID YOU LOSE OR QUIT THAT JOB, OR WAS IT A TEMPORARY JOB THAT ENDED?  EDITED UNIVERSE: PELKLL1O = 1 OR 3  <u>VALID ENTRIES</u>	338 - 339
		1 LOST JOB 2 QUIT JOB 3 TEMPORARY JOB ENDED	
PEKLWO	2	WHEN LAST WORKED EDITED UNIVERSE: PELKLL1O = 1 - 4  <u>VALID ENTRIES</u>	340 - 341
		1 WITHIN THE LAST 12 MONTHS 2 MORE THAN 12 MONTHS AGO 3 NEVER WORKED	
PELKDUR	3	DURATION OF JOB SEEKING  EDITED UNIVERSE: PEKLWO = 1 - 3  <u>VALID ENTRIES</u>	342 - 344
		0 MIN VALUE 999 MAX VALUE	
PELKFTO	2	FT/PT STATUS OF JOBSEEKER  EDITED UNIVERSE: PELKDUR = 0-120  <u>VALID ENTRIES</u>	345 - 346
		1 YES 2 NO 3 DOESN'T MATTER	

NAME	SIZE	DESCRIPTION	LOCATION
PEDWWNTO	2	DO YOU CURRENTLY WANT A JOB, EITHER FULL OR PART TIME?	347 - 348
		EDITED UNIVERSE: PUDWCK1 = 3, 4, -1	
		<u>VALID ENTRIES</u>	
		1 YES, OR MAYBE, IT DEPENDS	
		2 NO	
		3 RETIRED	
		4 DISABLED	
		5 UNABLE	
PEDWRSN	2	WHAT IS THE MAIN REASON YOU WERE NOT LOOKING FOR WORK DURING THE LAST 4 WEEKS?	349 - 350
		EDITED UNIVERSE: PUDWCK4 = 4, -1	
		<u>VALID ENTRIES</u>	
		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	
		10 TRANSPORTATION PROBLEMS	
		11 OTHER - SPECIFY	

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

NAME	SIZE	DESCRIPTION	LOCATION
PEDWAVL	2	<p>LAST WEEK, COULD YOU HAVE STARTED A JOB IF ONE HAD BEEN OFFERED?</p> <p>EDITED UNIVERSE: (PEDWWK = 2) or (PEDWLKWK = 1)</p> <p><u>VALID ENTRIES</u></p> <p>1      YES 2      NO</p>	359 - 360
PEDWAVR	2	<p>WHY IS THAT?</p> <p>EDITED UNIVERSE: PEDWAVL = 2</p> <p><u>VALID ENTRIES</u></p> <p>1      OWN TEMPORARY ILLNESS 2      GOING TO SCHOOL 3      OTHER</p>	361 - 362
PUDWCK1	2	<p>SCREEN FOR DISCOURAGED WORKERS</p> <p><u>VALID ENTRIES</u></p> <p>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          DWWNT0 AND GOTO PUDWCK4 4)      ALL OTHERS GOTO PUDWWNT</p>	363 - 364
PUDWCK2	2	<p>SCREEN FOR DISABLED</p> <p><u>VALID ENTRIES</u></p> <p>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</p>	365 - 366



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

NAME	SIZE	DESCRIPTION	LOCATION
PUJHDP1O	2	DID YOU DO ANY OF THIS WORK IN THE LAST 4 WEEKS?	375 - 376
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PEJHRSN	2	WHAT IS THE MAIN REASON YOU LEFT YOUR LAST JOB?	377 - 378
		EDITED UNIVERSE: PEJHWKO = 1	
		<u>VALID ENTRIES</u>	
		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	
PEJHWANT	2	DO YOU INTEND TO LOOK FOR WORK DURING THE NEXT 12 MONTHS?	379 - 380
		EDITED UNIVERSE: (PEJHWKO = 2) or (PEJHRSN = 1-8)	
		<u>VALID ENTRIES</u>	
		1 YES, OR IT DEPENDS	
		2 NO	

NAME	SIZE	DESCRIPTION	LOCATION
PUJHCK1	2	FILTER FOR OUTGOING ROTATIONS	381 - 382
		<u>VALID ENTRIES</u>	
		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
		<u>VALID ENTRIES</u>	
		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	
		<u>VALID ENTRIES</u>	
		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	

NAME	SIZE	DESCRIPTION	LOCATION
		13 FT UNPAID-CHILD CARE PROBLEMS	
		14 FT UNPAID-OTHER FAM/PERSONAL OBLIGATION	
		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 EDITED UNIVERSE: PEMLR = 1-7	387 - 388
		<u>VALID ENTRIES</u>	
		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	
		<u>VALID ENTRIES</u>	
		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	
		<u>VALID ENTRIES</u>	
		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	

NAME	SIZE	DESCRIPTION	LOCATION
		18 AT WORK- 40 HRS	
		19 AT WORK- 41-47 HRS	
		20 AT WORK- 48 HRS	
		21 AT WORK- 49-59 HRS	
		22 AT WORK- 60 HRS OR MORE	
PREMPNOT	2	MLR - EMPLOYED, UNEMPLOYED, OR NILF	393 - 394
		EDITED UNIVERSE: PEMLR = 1-7	
		<u>VALID ENTRIES</u>	
		1 EMPLOYED	
		2 UNEMPLOYED	
		3 NOT IN LABOR FORCE (NILF)-discouraged	
		4 NOT IN LABOR FORCE (NILF)-other	
PREXPLF	2	EXPERIENCED LABOR FORCE EMPLOYMENT	395 - 396
		EDITED UNIVERSE: PEMLR = 1-4 AND PELKLWO ne 3	
		<u>VALID ENTRIES</u>	
		1 EMPLOYED	
		2 UNEMPLOYED	
PRFTLF	2	FULL TIME LABOR FORCE	397 - 398
		EDITED UNIVERSE: PEMLR = 1-4	
		<u>VALID ENTRIES</u>	
		1 FULL TIME LABOR FORCE	
		2 PART TIME LABOR FORCE	

NAME	SIZE	DESCRIPTION	LOCATION
PRHRUSL	2	USUAL HOURS WORKED WEEKLY	399 - 400
		EDITED UNIVERSE: PEMLR = 1-2	
		<u>VALID ENTRIES</u>	
		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	
		<u>VALID ENTRIES</u>	
		1 LOOKED LAST 12 MONTHS, SINCE COMPLETING PREVIOUS JOB	
		2 LOOKED AND WORKED IN THE LAST 4 WEEKS	
		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	
		<u>VALID ENTRIES</u>	
		0 USUALY 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	

NAME	SIZE	DESCRIPTION	LOCATION
		4 USU.FT, PT ECON REASONS; 30-34 HRS	
		5 USU.PT, ECON REASONS; 1-4 HRS	
		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	405 - 406
		EDITED UNIVERSE: PEMLR = 1 AND (PEHRUSLT = 0-34 OR PEHRACTT = 1-34) <u>VALID ENTRIES</u>	
		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	
		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	



NAME	SIZE	DESCRIPTION	LOCATION
PRUNEDUR	3	DURATION OF UNEMPLOYMENT FOR LAYOFF AND LOOKING RECORDS	407 - 409
		EDITED UNIVERSE: PEMLR = 3-4	
		<u>VALID ENTRIES</u>	
		0      MIN VALUE	
		999    MAX VALUE	
FILLER	2	Filler	410 - 411
PRUNTYPE	2	REASON FOR UNEMPLOYMENT	412 - 413
		EDITED UNIVERSE: PEMLR = 3-4	
		<u>VALID ENTRIES</u>	
		1      JOB LOSER/ON LAYOFF	
		2      OTHER JOB LOSER	
		3      TEMPORARY JOB ENDED	
		4      JOB LEAVER	
		5      RE-ENTRANT	
		6      NEW-ENTRANT	
PRWKSCH	2	LABOR FORCE BY TIME WORKED OR LOST	414 - 415
		EDITED UNIVERSE: PEMLR = 1 - 7	
		<u>VALID ENTRIES</u>	
		0      NOT IN LABOR FORCE	
		1      AT WORK	
		2      WITH JOB, NOT AT WORK	
		3      UNEMPLOYED, SEEKS FT	
		4      UNEMPLOYED, SEEKS PT	

NAME	SIZE	DESCRIPTION	LOCATION
PRWKSTAT	2	FULL/PART-TIME WORK STATUS	416 - 417
		EDITED UNIVERSE: PEMLR = 1-7	
		<u>VALID ENTRIES</u>	
		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	
PRWNTJOB	2	NILF RECODE - WANT A JOB OR OTHER NILF	418 - 419
		EDITED UNIVERSE: PEMLR = 5-7	
		<u>VALID ENTRIES</u>	
		1 WANT A JOB	
		2 OTHER NOT IN LABOR FORCE	
PUJHCK3	2	JOB HISTORY CHECK ITEM	420 - 421
		<u>VALID ENTRIES</u>	
		1) IF I-MLR EQ 3 OR 4 THEN GOTO PUJHDP1	
		2) ALL OTHERS GOTO PUJHRSN	

NAME	SIZE	DESCRIPTION	LOCATION
PUJHCK4	2	SCREEN FOR DEPENDENT NILF	422 - 423
		<u>VALID ENTRIES</u>	
		1) IF ENTRY OF 2, D OR R IN PUDW4WK OR IN PUJHDP10 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
		<u>VALID ENTRIES</u>	
		1) IF I-IO1ICR EQUALS 1 OR I-IO1OCR EQUALS 1 THEN GOTO PUIO1INT	
		2) ALL OTHERS GOTO PUIOCK5	
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)?	426 - 427
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	
PUIODP2	2	HAVE THE USUAL ACTIVITIES AND DUTIES OF YOUR JOB CHANGED SINCE LAST MONTH?	428 - 429
		<u>VALID ENTRIES</u>	
		1 YES	
		2 NO	

NAME	SIZE	DESCRIPTION	LOCATION
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?	430 - 431

VALID ENTRIES

- 1 YES
- 2 NO

PEIO1COW	2	INDIVIDUAL CLASS OF WORKER CODE ON FIRST JOB	432 - 433
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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

NAME	SIZE	DESCRIPTION	LOCATION
PUIO1MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	434 - 435

VALID ENTRIES

- 1 MANUFACTURING
- 2 RETAIL TRADE
- 3 WHOLESALE TRADE
- 4 SOMETHING ELSE

PADDING	6	Main Job I & O Codes moved to columns 856 - 863	436 - 441
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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.	442 - 443
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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

NAME	SIZE	DESCRIPTION	LOCATION
PUIO2MFG	2	IS THIS BUSINESS OR ORGANIZATION MAINLY MANUFACTURING, RETAIL TRADE, WHOLESALE TRADE, OR SOMETHING ELSE?	444 - 445
		<u>VALID ENTRIES</u>	
		1      MANUFACTURING	
		2      RETAIL TRADE	
		3      WHOLESALE TRADE	
		4      SOMETHING ELSE	
PADDING	6	Second Job I & O codes moved to columns 864 - 871	446 - 451
PUIOCK1	2	I & O CHECK ITEM 1 SCREEN FOR DEPENDENT I AND O	452 - 453
		<u>VALID ENTRIES</u>	
		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	
PUIOCK2	2	I & O CHECK ITEM 2 SCREEN FOR PREVIOUS MONTHS I AND O CASES	454 - 455
		<u>VALID ENTRIES</u>	
		1)      IF I-IO1ICR EQ 1 THEN GOTO PUIO1IND	
		2)      IF I-IO1OCR EQ 1 THEN GOTO PUIO1OCC	
		3)      ALL OTHERS GOTO PUIODP2	

NAME	SIZE	DESCRIPTION	LOCATION
PUIOCK3	2	I & O CHECK ITEM 3	456 - 457
		<u>VALID ENTRIES</u>	
		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	
PRIOELG	2	INDUSTRY AND OCCUPATION ELIGIBILITY FLAG	458 - 459
		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)	
		<u>VALID ENTRIES</u>	
		0 NOT ELIGIBLE FOR EDIT	
		1 ELIGIBLE FOR EDIT	
PRAGNA	2	AGRICULTURE/ NON-AGRICULTURE INDUSTRY	460 - 461
		EDITED UNIVERSE: PRIOELG = 1	
		<u>VALID ENTRIES</u>	
		1 AGRICULTURAL	
		2 NON-AGRICULTURAL	

NAME	SIZE	DESCRIPTION	LOCATION
PRCOW1	2	<p>CLASS OF WORKER RECODE - JOB 1</p> <p>EDITED UNIVERSE: PRIOELG = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      FEDERAL GOVT 2      STATE GOVT 3      LOCAL GOVT 4      PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5      SELF-EMPLOYED, UNINCORP. 6      WITHOUT PAY</p>	462 - 463
PRCOW2	2	<p>CLASS OF WORKER RRECODE - JOB 2</p> <p>EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8</p> <p><u>VALID ENTRIES</u></p> <p>1      FEDERAL GOVT 2      STATE GOVT 3      LOCAL GOVT 4      PRIVATE (INCL. SELF-EMPLOYED INCORP.) 5      SELF-EMPLOYED, UNINCORP. 6      WITHOUT PAY</p>	464 - 465
PRCOWPG	2	<p>COW - PRIVATE OR GOVERNMENT</p> <p>EDITED UNIVERSE: PEIO1COW = 1 - 5</p> <p><u>VALID ENTRIES</u></p> <p>1      PRIVATE 2      GOVERNMENT</p>	466 - 467



NAME	SIZE	DESCRIPTION	LOCATION
PRDTCOW1	2	<p>DETAILED CLASS OF WORKER RECODE - JOB 1</p> <p>468 - 469</p> <p>EDITED UNIVERSE: PRIOELG = 1</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 AGRI., WAGE &amp; SALARY, PRIVATE</li> <li>2 AGRI., WAGE &amp; SALARY, GOVERNMENT</li> <li>3 AGRI., SELF-EMPLOYED</li> <li>4 AGRI., UNPAID</li> <li>5 NONAG, WS, PRIVATE, PRIVATE HHLDS</li> <li>6 NONAG, WS, PRIVATE, OTHER PRIVATE</li> <li>7 NONAG, WS, GOVT, FEDERAL</li> <li>8 NONAG, WS, GOVT, STATE</li> <li>9 NONAG, WS, GOVT, LOCAL</li> <li>10 NONAG, SELF-EMPLOYED</li> <li>11 NONAG, UNPAID</li> </ol>	
PRDTCOW2	2	<p>DETAILED CLASS OF WORKER RECODE - JOB 2</p> <p>470 - 471</p> <p>EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8</p> <p><u>VALID ENTRIES</u></p> <ol style="list-style-type: none"> <li>1 AGRI., WAGE &amp; SALARY, PRIVATE</li> <li>2 AGRI., WAGE &amp; SALARY, GOVERNMENT</li> <li>3 AGRI., SELF-EMPLOYED</li> <li>4 AGRI., UNPAID</li> <li>5 NONAG, WS, PRIVATE, PRIVATE HHLDS</li> <li>6 NONAG, WS, PRIVATE, OTHER PRIVATE</li> <li>7 NONAG, WS, GOVT, FEDERAL</li> <li>8 NONAG, WS, GOVT, STATE</li> <li>9 NONAG, WS, GOVT, LOCAL</li> <li>10 NONAG, SELF-EMPLOYED</li> <li>11 NONAG, UNPAID</li> </ol>	

NAME	SIZE	DESCRIPTION	LOCATION
PRDTIND1	2	DETAILED INDUSTRY RECODE - JOB 1	472 - 473

EDITED UNIVERSE:  
PRIOELG = 1

VALID ENTRIES

- 1 Agriculture
- 2 Forestry, logging, fishing, hunting, and trapping
- 3 Mining
- 4 Construction
- 5 Nonmetallic mineral product manufacturing
- 6 Primary metals and fabricated metal products
- 7 Machinery manufacturing
- 8 Computer and electronic product manufacturing
- 9 Electrical equipment, appliance manufacturing
- 10 Transportation equipment manufacturing
- 11 Wood products
- 12 Furniture and fixtures manufacturing
- 13 Miscellaneous and not specified manufacturing
- 14 Food manufacturing
- 15 Beverage and tobacco products
- 16 Textile, apparel, and leather manufacturing
- 17 Paper and printing
- 18 Petroleum and coal products manufacturing
- 19 Chemical manufacturing
- 20 Plastics and rubber products
- 21 Wholesale trade
- 22 Retail trade
- 23 Transportation and warehousing
- 24 Utilities
- 25 Publishing industries (except internet)
- 26 Motion picture and sound recording industries
- 27 Broadcasting (except internet)
- 28 Internet publishing and broadcasting
- 29 Telecommunications
- 30 Internet service providers and data processing services
- 31 Other information services
- 32 Finance
- 33 Insurance

NAME	SIZE	DESCRIPTION	LOCATION
		34 Real estate	
		35 Rental and leasing services	
		36 Professional and technical services	
		37 Management of companies and enterprises	
		38 Administrative and support services	
		39 Waste management and remediation services	
		40 Educational services	
		41 Hospitals	
		42 Health care services, except hospitals	
		43 Social assistance	
		44 Arts, entertainment, and recreation	
		45 Accommodation	
		46 Food services and drinking places	
		47 Repair and maintenance	
		48 Personal and laundry services	
		49 Membership associations and organizations	
		50 Private households	
		51 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	
		<u>VALID ENTRIES</u>	
		1 Agriculture	
		2 Forestry, logging, fishing, hunting, and trapping	
		3 Mining	
		4 Construction	
		5 Nonmetallic mineral product manufacturing	
		6 Primary metals and fabricated metal products	
		7 Machinery manufacturing	
		8 Computer and electronic product manufacturing	
		9 Electrical equipment, appliance manufacturing	
		10 Transportation equipment manufacturing	
		11 Wood products	
		12 Furniture and fixtures manufacturing	
		13 Miscellaneous and not specified manufacturing	

NAME	SIZE	DESCRIPTION	LOCATION
	14	Food manufacturing	
	15	Beverage and tobacco products	
	16	Textile, apparel, and leather manufacturing	
	17	Paper and printing	
	18	Petroleum and coal products manufacturing	
	19	Chemical manufacturing	
	20	Plastics and rubber products	
	21	Wholesale trade	
	22	Retail trade	
	23	Transportation and warehousing	
	24	Utilities	
	25	Publishing industries (except internet)	
	26	Motion picture and sound recording industries	
	27	Broadcasting (except internet)	
	28	Internet publishing and broadcasting	
	29	Telecommunications	
	30	Internet service providers and data processing services	
	31	Other information services	
	32	Finance	
	33	Insurance	
	34	Real estate	
	35	Rental and leasing services	
	36	Professional and technical services	
	37	Management of companies and enterprises	
	38	Administrative and support services	
	39	Waste management and remediation services	
	40	Educational services	
	41	Hospitals	
	42	Health care services, except hospitals	
	43	Social assistance	
	44	Arts, entertainment, and recreation	
	45	Accommodation	
	46	Food services and drinking places	
	47	Repair and maintenance	
	48	Personal and laundry services	
	49	Membership associations and organizations	
	50	Private households	
	51	Public administration	
	52	Armed forces	

NAME	SIZE	DESCRIPTION	LOCATION
PRDTOCC1	2	DETAILED OCCUPATION RECODE - JOB 1	476 - 477

EDITED UNIVERSE:  
PRIOELG = 1

VALID ENTRIES

- 1 Management occupations
- 2 Business and financial operations occupations
- 3 Computer and mathematical science occupations
- 4 Architecture and engineering occupations
- 5 Life, physical, and social science occupations
- 6 Community and social service occupations
- 7 Legal occupations
- 8 Education, training, and library occupations
- 9 Arts, design, entertainment, sports, and media occupations
- 10 Healthcare practitioner and technical occupations
- 11 Healthcare support occupations
- 12 Protective service occupations
- 13 Food preparation and serving related occupations
- 14 Building and grounds cleaning and maintenance occupations
- 15 Personal care and service occupations
- 16 Sales and related occupations
- 17 Office and administrative support occupations
- 18 Farming, fishing, and forestry occupations
- 19 Construction and extraction occupations
- 20 Installation, maintenance, and repair occupations
- 21 Production occupations
- 22 Transportation and material moving occupations
- 23 Armed Forces

PRDTOCC2	2	DETAILED OCCUPATION RECODE	478 - 479
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EDITED UNIVERSE:  
PRIOELG = 1 AND PEMJOT = 1 AND  
HRMIS = 4 OR 8

VALID ENTRIES

- 1 Management occupations
- 2 Business and financial operations occupations
- 3 Computer and mathematical science occupations

NAME	SIZE	DESCRIPTION	LOCATION
		4 Architecture and engineering occupations	
		5 Life, physical, and social science occupations	
		6 Community and social service occupations	
		7 Legal occupations	
		8 Education, training, and library occupations	
		9 Arts, design, entertainment, sports, and media occupations	
		10 Healthcare practitioner and technical occupations	
		11 Healthcare support occupations	
		12 Protective service occupations	
		13 Food preparation and serving related occupations	
		14 Building and grounds cleaning and maintenance occupations	
		15 Personal care and service occupations	
		16 Sales and related occupations	
		17 Office and administrative support occupations	
		18 Farming, fishing, and forestry occupations	
		19 Construction and extraction occupations	
		20 Installation, maintenance, and repair occupations	
		21 Production occupations	
		22 Transportation and material moving occupations	
		23 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	
		<u>VALID ENTRY</u>	
		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, forestry, fishing, and hunting
- 2 Mining
- 3 Construction
- 4 Manufacturing
- 5 Wholesale and retail trade
- 6 Transportation and utilities
- 7 Information
- 8 Financial activities
- 9 Professional and business services
- 10 Educational and health services
- 11 Leisure and hospitality
- 12 Other services
- 13 Public administration
- 14 Armed Forces

PRMJIND2	2	MAJOR INDUSTRY RECODE - JOB 2	484 - 485
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EDITED UNIVERSE:  
PRDTIND2 = 1-51

VALID ENTRIES

- 1 Agriculture, forestry, fishing, and hunting
- 2 Mining
- 3 Construction
- 4 Manufacturing
- 5 Wholesale and retail trade
- 6 Transportation and utilities
- 7 Information
- 8 Financial activities
- 9 Professional and business services
- 10 Educational and health services
- 11 Leisure and hospitality
- 12 Other services
- 13 Public administration
- 14 Armed Forces

NAME	SIZE	DESCRIPTION	LOCATION
PRMJOC1	2	MAJOR OCCUPATION RECODE - JOB 1	486 - 487

EDITED UNIVERSE:  
PRDTOCC1 = 1-46

VALID ENTRIES

- 1 Management, business, and financial occupations
- 2 Professional and related occupations
- 3 Service occupations
- 4 Sales and related occupations
- 5 Office and administrative support occupations
- 6 Farming, fishing, and forestry occupations
- 7 Construction and extraction occupations
- 8 Installation, maintenance, and repair occupations
- 9 Production occupations
- 10 Transportation and material moving occupations
- 11 Armed Forces

PRMJOC2	2	MAJOR OCCUPATION RECODE - JOB 2	488 - 489
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EDITED UNIVERSE:  
PRDTOCC2 = 1-46

VALID ENTRIES

- 1 Management, business, and financial occupations
- 2 Professional and related occupations
- 3 Service occupations
- 4 Sales and related occupations
- 5 Office and administrative support occupations
- 6 Farming, fishing, and forestry occupations
- 7 Construction and extraction occupations
- 8 Installation, maintenance, and repair occupations



NAME	SIZE	DESCRIPTION	LOCATION
		9 Production occupations	
		10 Transportation and material moving occupations	
		11 Armed Forces	
PRMJOCGR	2	MAJOR OCCUPATION CATEGORIES	490 - 491
		EDITED UNIVERSE: PRMJOC = 1-11	
		<u>VALID ENTRIES</u>	
		1 Management, professional, and related occupations	
		2 Service occupations	
		3 Sales and office occupations	
		4 Farming, fishing, and forestry occupations	
		5 Construction, and maintenance occupations	
		6 Production, transportation, and material moving occupations	
		7 Armed Forces	
PRNAGPWS	2	NON-AGRICULTURE, PRIVATE WAGE AND SALARY WORKERS RECODE	492 - 493
		EDITED UNIVERSE: PRCOW1 = 1 AND PEIO1ICD ne 0170 - 0890	
		<u>VALID ENTRY</u>	
		1 NON-AG PRIV WAGE & SALARY	
PRNAGWS	2	NON-AGRICULTURE WAGE AND SALARY WORKERS RECODE	494 - 495
		EDITED UNIVERSE: PEMLR = 1-4 AND PRCOW = 1-4 AND PEIO1ICD ne 0170-0290	
		<u>VALID ENTRY</u>	
		1 NON-AG WAGE AND SALARY WORKERS	

NAME	SIZE	DESCRIPTION	LOCATION
PRSJMJ	2	SINGLE/MULTIPLE JOBHOLDER  EDITED UNIVERSE: PEMLR = 1 OR 2  <u>VALID ENTRIES</u>  1      SINGLE JOBHOLDER 2      MULTIPLE JOBHOLDER	496 - 497
PRERELG	2	EARNINGS ELIGIBILITY FLAG  EDITED UNIVERSE: PEMLR = 1-2 AND HRMIS = 4 OR 8  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  1      YES 2      NO	500 - 501
PEERNPER	2	PERIODICITY 502 - 503  EDITED UNIVERSE: PRERELG = 1  <u>VALID ENTRIES</u>  1      HOURLY 2      WEEKLY 3      BI-WEEKLY 4      TWICE MONTHLY 5      MONTHLY 6      ANNUALLY 7      OTHER - SPECIFY	

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  <u>VALID ENTRIES</u>  1      YES 2      NO	504 - 505
PEERNHRY	2	HOURLY/NONHOURLY STATUS  EDITED UNIVERSE: PRERELG = 1  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  0 MIN VALUE 9999 MAX VALUE ( Subject to topcoding based on the in PEERNHRO such that PEERNHRO x PEERNH2 < or = 2884.61)	512 - 515
PEERNH10	4	OUT VARIABLE FOR HOURLY RATE OF PAY (2 IMPLIED DECIMALS)  EDITED UNIVERSE: PEERNPER = 1  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  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	524 - 524
		<u>VALID ENTRIES</u>	
		0 NOT TOPCODED	
		1 TOPCODED	
PEERNHRO	2	USUAL HOURS	525 - 526
		EDITED UNIVERSE: PEERNH10 = ENTRY	
		<u>VALID ENTRIES</u>	
		0 MIN VALUE	
		99 MAX VALUE	
PRERNWA	8	WEEKLY EARNINGS RECODE 2 IMPLIED DECIMALS	527 - 534
		EDITED UNIVERSE: PRERELG = 1	
		<u>VALID ENTRIES</u>	
		0 MIN VALUE	
		288461 MAX VALUE	
PTWK	1	WEEKLY EARNINGS - TOP CODE	535 - 535
		0 NOT TOPCODED	
		1 TOPCODED	
FILLER	4	Filler	536 - 539
PEERN	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS	540 - 547
		EDITED UNIVERSE: PEERNUOT = 1 AND PEERNPER = 1	
		<u>VALID ENTRIES</u>	
		0 MIN VALUE	
		288461 MAX VALUE	

NAME	SIZE	DESCRIPTION	LOCATION
PUERN2	8	CALCULATED WEEKLY OVERTIME AMOUNT 2 IMPLIED DECIMALS  <u>VALID ENTRIES</u>  0        MIN VALUE 288461 MAX VALUE	548 - 555
PTOT	1	WEEKLY OVERTIME AMOUNT - TOP CODE  <u>VALID ENTRIES</u>  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  <u>VALID ENTRIES</u>  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)  <u>VALID ENTRIES</u>  1        YES 2        NO	561 - 562

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

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



PRNLFSCH	2	NLF ACTIVITY - IN SCHOOL OR NOT IN SCHOOL	581 - 582
EDITED UNIVERSE: PENLFACT = -1 OR 1-6 AND PEAGE = 16-24			
<u>VALID ENTRIES</u>			
	1	IN SCHOOL	
	2	NOT IN SCHOOL	

\* PERSON'S WEIGHTS \*

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PWFMWGT	10	FAMILY WEIGHT (4 IMPLIED DECIMALS) ONLY USED FOR TALLYING FAMILY CHARACTERISTICS.  EDITED UNIVERSE: PRPERTYP = 1-3	583 - 592
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NAME	SIZE	DESCRIPTION	LOCATION
PWLGWGT	10	<p>LONGITUDINAL WEIGHT (4 IMPLIED DECIMALS) ONLY FOUND ON ADULT RECORDS MATCHED FROM MONTH TO MONTH. (USED FOR GROSS FLOWS ANALYSIS)</p> <p>EDITED UNIVERSE: PRPERTYP = 2</p>	593 - 602
PWORWGT	10	<p>OUTGOING ROTATION WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING INFORMATION COLLECTED ONLY IN OUTGOING ROTATIONS (i.e., EARNINGS, 2nd JOB I &amp; O, DETAILED NILF)</p> <p>EDITED UNIVERSE: PRPERTYP = 2</p>	603 - 612
PWSSWGT	10	<p>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.</p> <p>EDITED UNIVERSE: PRPERTYP = 1-3</p>	613 - 622
PWVETWGT	10	<p>VETERANS WEIGHT (4 IMPLIED DECIMALS) USED FOR TALLYING VETERAN'S DATA ONLY, CONTROLLED TO ESTIMATES OF VETERANS SUPPLIED BY VA.</p> <p>EDITED UNIVERSE: PRPERTYP = 2</p>	623 - 632

NAME	SIZE	DESCRIPTION	LOCATION
PRCHLD	2	Presence of own children <18 years of age by selected age group	633-634

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)
- 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
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EDITED UNIVERSE:  
PRFAMREL = 1 or 2

VALID ENTRIES

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

NAME	SIZE	DESCRIPTION	LOCATION
FILLER	2	Filler	637 - 638
<b><u>ALLOCATION FLAGS</u></b>			
PRWERNAL	2	ALLOCATION FLAG WEEKLY EARNINGS RECODE (PRERNWA) ALLOCATION FLAG  EDITED UNIVERSE: PRERELG = 1  00 NO ALLOCATION 01 ONE OR MORE COMPONENTS OF THE RECODE ARE ALLOCATED	639 - 640
PRHERNAL	2	ALLOCATION FLAG  HOURLY EARNINGS RECODE (PRERNHLY) ALLOCATION FLAG  EDITED UNIVERSE: PRERNHRY = 1  00 NO ALLOCATION 01 ONE OR MORE COMPONENT OF THE RECODE ARE ALLOCATED	641 - 642
HXTENURE	2	ALLOCATION FLAG See HETENURE note.	643 - 644
HXHOUSUT	2	ALLOCATION FLAG	645 - 646
HXTELHHD	2	ALLOCATION FLAG	647 - 648
HXTELA VL	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

NAME	SIZE	DESCRIPTION	LOCATION
PXAGE	2	ALLOCATION FLAG	659 - 660
PXMARITL	2	ALLOCATION FLAG	661 - 662
PXSPOUSE	2	ALLOCATION FLAG	663 - 664
PXSEX	2	ALLOCATION FLAG	665 - 666
PXAFWHN1	2	ALLOCATION FLAG	667 - 668
PXAFNOW	2	ALLOCATION FLAG	669 - 670
PXEDUCA	2	ALLOCATION FLAG	671 - 672
PXRACE1	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
PXHSPNON	2	ALLOCATION FLAG	683 - 684
PXMLR	2	ALLOCATION FLAG	685 - 686
PXRET1	2	ALLOCATION FLAG	687 - 688
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

NAME	SIZE	DESCRIPTION	LOCATION
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
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

NAME	SIZE	DESCRIPTION	LOCATION
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
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

NAME	SIZE	DESCRIPTION	LOCATION
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
PEDIPGED	2	How did...get...s high school diploma?	822 - 823

EDITED UNIVERSE = PEEDUCA = 39

VALID ENTRIES

-1 = Not in universe  
1 = Graduation from high school  
2 = GED or other equivalent



NAME	SIZE	DESCRIPTION	LOCATION
PEHGCOMP		<p>What was the highest grade of regular school...completed before receiving...'s GED?</p> <p>EDITED UNIVERSE = PEDIPGED = 2</p> <p><u>VALID ENTRIES</u></p> <p>-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)</p>	824 - 825
PECYC	2	<p>How many years of college credit has...completed?</p> <p>EDITED UNIVERSE:  PEEDUCA =40-42</p> <p><u>VALID ENTRIES</u></p> <p>-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</p>	826 - 827
PEGRPROF	2	<p>Since completing...bachelor's degree, have you taken any graduate or professional school courses for credit?</p> <p>EDITED UNIVERSE:  PEEDUCA = 43</p> <p><u>VALID ENTRIES</u></p> <p>-1 = Not in universe  1 = Yes  2 = No</p>	828 - 829

NAME	SIZE	DESCRIPTION	LOCATION
PEGR6COR	2	Did...complete 6 or more graduate or professional school courses?  EDITED UNIVERSE: PEGRPROF = 1  <u>VALID ENTRIES</u>  -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  <u>VALID ENTRIES</u>  -1 = Not in universe 1 = 1 year program 2 = 2 year program 3 = 3 year program	832 - 833
PXDIPGED	2	ALLOCATION FLAG	834 - 835
PXHGCCOMP	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	10	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
PEIO1ICD	4	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)  <u>VALID ENTRIES</u>  0        MIN VALUE 9999    MAX VALUE	856 - 859
PEIO1OCD	4	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)  <u>VALID ENTRIES</u>  0        MIN VALUE 9999    MAX VALUE	860 - 863

NAME	SIZE	DESCRIPTION	LOCATION
PEIO2ICD	4	INDUSTRY CODE FOR SECOND JOB.  EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8  <u>VALID ENTRIES</u>  0      MIN VALUE 9999   MAX VALUE	864 - 867
PEIO2OCD	4	OCCUPATION CODE FOR SECOND JOB.  EDITED UNIVERSE: PEMJOT = 1 AND HRMIS = 4 OR 8  <u>VALID ENTRIES</u>  0      MIN VALUE 9999   MAX VALUE	868 - 871
PRIMIND1	2	INTERMEDIATE INDUSTRY RECODE (JOB 1)  EDITED UNIVERSE: PRIOELG = 1  <u>VALID ENTRIES</u>  1      AGRICULTURE, FORESTRY, FISHING, and HUNTING 2      MINING 3      CONSTRUCTION 4      MANUFACTURING - DURABLE GOODS 5      MANUFACTURING - NON-DURABLE GOODS 6      WHOLESALE TRADE 7      RETAIL TRADE 8      TRANSPORTATION AND WAREHOUSING 9      UTILITIES 10     INFORMATION 11     FINANCE AND INSURANCE 12     REAL ESTATE AND RENTAL AND LEASING 13     PROFESSIONAL AND TECHNICAL SERVICES 14     MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES	872 - 873

NAME	SIZE	DESCRIPTION	LOCATION
		15 EDUCATIONAL SERVICES	
		16 HEALTH CARE AND SOCIAL SERVICES	
		17 ARTS, ENTERTAINMENT, AND RECREATION	
		18 ACCOMMODATION AND FOOD SERVICES	
		19 PRIVATE HOUSEHOLDS	
		20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS	
		21 PUBLIC ADMINISTRATION	
		22 ARMED FORCES	
PRIMIND2	2	INTERMEDIATE INDUSTRY RECODE (JOB 2)	874 - 875
		EDITED UNIVERSE: PRIOELG = 1 AND PEMJOT = 1 AND HRMIS = 4 OR 8	
		<u>VALID ENTRIES</u>	
		1 AGRICULTURE, FORESTRY, FISHING, and HUNTING	
		2 MINING	
		3 CONSTRUCTION	
		4 MANUFACTURING - DURABLE GOODS	
		5 MANUFACTURING - NON-DURABLE GOODS	
		6 WHOLESALE TRADE	
		7 RETAIL TRADE	
		8 TRANSPORTATION AND WAREHOUSING	
		9 UTILITIES	
		10 INFORMATION	
		11 FINANCE AND INSURANCE	
		12 REAL ESTATE AND RENTAL AND LEASING	
		13 PROFESSIONAL AND TECHNICAL SERVICES	
		14 MANAGEMENT, ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES	
		15 EDUCATIONAL SERVICES	
		16 HEALTH CARE AND SOCIAL SERVICES	
		17 ARTS, ENTERTAINMENT, AND RECREATION	
		18 ACCOMMODATION AND FOOD SERVICES	
		19 PRIVATE HOUSEHOLDS	
		20 OTHER SERVICES, EXCEPT PRIVATE HOUSEHOLDS	
		21 PUBLIC ADMINISTRATION	
		22 ARMED FORCES	

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHN1	2	<p>WHEN DID YOU SERVE?</p> <p>EDITED UNIVERSE: PEAFEVER = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      SEPTEMBER 2001 OR LATER</p> <p>2      AUGUST 1990 TO AUGUST 2001</p> <p>3      MAY 1975 TO JULY 1990</p> <p>4      VIETNAM ERA (AUGUST 1964 TO APRIL 1975)</p> <p>5      FEBRUARY 1955 TO JULY 1964</p> <p>6      KOREAN WAR (JULY 1950 TO JANUARY 1955)</p> <p>7      JANUARY 1947 TO JUNE 1950</p> <p>8      WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)</p> <p>9      NOVEMBER 1941 OR EARLIER</p>	876 - 877
PEAFWHN2	2	<p>WHEN DID YOU SERVE?</p> <p>EDITED UNIVERSE: PEAFEVER = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      SEPTEMBER 2001 OR LATER</p> <p>2      AUGUST 1990 TO AUGUST 2001</p> <p>3      MAY 1975 TO JULY 1990</p> <p>4      VIETNAM ERA (AUGUST 1964 TO APRIL 1975)</p> <p>5      FEBRUARY 1955 TO JULY 1964</p> <p>6      KOREAN WAR (JULY 1950 TO JANUARY 1955)</p> <p>7      JANUARY 1947 TO JUNE 1950</p> <p>8      WORLD WAR II (DECEMBER 1941 TO DECEMBER 1946)</p> <p>9      NOVEMBER 1941 OR EARLIER</p>	878 - 879

NAME	SIZE	DESCRIPTION	LOCATION
PEAFWHN3	2	<p>WHEN DID YOU SERVE?</p> <p>EDITED UNIVERSE: PEAFEVER = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      SEPTEMBER 2001 OR LATER  2      AUGUST 1990 TO AUGUST 2001  3      MAY 1975 TO JULY 1990  4      VIETNAM ERA (AUGUST 1964 TO  APRIL 1975)  5      FEBRUARY 1955 TO JULY 1964  6      KOREAN WAR (JULY 1950 TO  JANUARY 1955)  7      JANUARY 1947 TO JUNE 1950  8      WORLD WAR II (DECEMBER 1941 TO  DECEMBER 1946)  9      NOVEMBER 1941 OR EARLIER</p>	880 - 881
PEAFWHN4	2	<p>WHEN DID YOU SERVE?</p> <p>EDITED UNIVERSE: PEAFEVER = 1</p> <p><u>VALID ENTRIES</u></p> <p>1      SEPTEMBER 2001 OR LATER  2      AUGUST 1990 TO AUGUST 2001  3      MAY 1975 TO JULY 1990  4      VIETNAM ERA (AUGUST 1964 TO  APRIL 1975)  5      FEBRUARY 1955 TO JULY 1964  6      KOREAN WAR (JULY 1950 TO  JANUARY 1955)  7      JANUARY 1947 TO JUNE 1950  8      WORLD WAR II (DECEMBER 1941 TO  DECEMBER 1946)  9      NOVEMBER 1941 OR EARLIER</p>	882 - 883
PXAFEVER	2	ALLOCATION FLAG	884 - 885

NAME	SIZE	DESCRIPTION	LOCATION
PELNDAD	2	LINE NUMBER OF FATHER	886 - 887
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO FATHER PRESENT	
		01 MIN VALUE	
		16 MAX VALUE	
PELNMOM	2	LINE NUMBER OF MOTHER	888 - 889
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO MOTHER PRESENT	
		01 MIN VALUE	
		16 MAX VALUE	
PEDADTYP	2	TYPE OF FATHER	890 - 891
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO FATHER PRESENT	
		01 BIOLOGICAL	
		02 STEP	
		03 ADOPTED	
PEMOMTYP	2	TYPE OF MOTHER	892 - 893
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO MOTHER PRESENT	
		01 BIOLOGICAL	
		02 STEP	
		03 ADOPTED	



NAME	SIZE	DESCRIPTION	LOCATION
PECOHAB	2	LINE NUMBER OF COHABITING PARTNER	894 - 895
		EDITED UNIVERSE: ALL	
		<u>VALID ENTRIES</u>	
		-1 NO PARTNER PRESENT	
		01 MIN VALUE	
		16 MAX VALUE	
PXLNDAD	2	ALLOCATION FLAG	896 - 897
PXLNMOM	2	ALLOCATION FLAG	898 - 899
PXDADTYP	2	ALLOCATION FLAG	900 - 901
PXMOMTYP	2	ALLOCATION FLAG	902 - 903
PXCOHAB	2	ALLOCATION FLAG	904 - 905
FILLER	45	FILLER	906 - 950

## ATTACHMENT 7

### SUPPLEMENT RECORD LAYOUT

Current Population Survey, May 2008  
Public Participation in the Arts Supplement

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ1A	2	<p>The following questions are about ... activities during the LAST 12 MONTHS between May (current day), 2007 and May (current day), 2008.</p> <p>With the exception of elementary or high school performances, did ... go to a live jazz performance during the last 12 months?</p> <p>EDITED UNIVERSE: HRINTSTA = 1 AND PRTAGE = 18+ AND PRPERTYP = 2 AND HRMIS = 4, 8 AND PUSPELIG ≠ 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	951-952
PEQ1B	2	<p>How many times did ... do this during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1A=1</p> <p><u>VALID ENTRIES:</u></p> <p>1    MIN VALUE 97   MAX VALUE</p>	953-954

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ2A	2	<p>With the exception of elementary or high school Performances, did...go to a live Latin, Spanish, or Salsa music performance during the last 12 months?</p> <p>EDITED UNIVERSE: (PEQ1A = 1, 2, -2, or -3) AND (HURNDRSP[6] = blank-4)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	955-956
PEQ2B	2	<p>How many times did ... do this during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1C = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    MIN VALUE 97   MAX VALUE</p>	957-958
PEQ3A	2	<p>With the exception of elementary or high school performances, Did ... go to a live classical music performance such as symphony, chamber, or choral music during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	959-960

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ3B	2	How many times did ... do this during the last 12 months?  EDITED UNIVERSE: PEQ3A = 1  <u>VALID ENTRIES:</u>  1 MIN VALUE 97 MAX VALUE	961-962
PEQ4A	2	With the exception of elementary or high school performances, Did ... go to a live opera during the last 12 months?  EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3  <u>VALID ENTRIES:</u>  1 Yes 2 No	963-964
PEQ4B	2	How many times did ... do this during the last 12 months?  EDITED UNIVERSE: PEQ4A=1  <u>VALID ENTRIES:</u>  1 MIN VALUE 97 MAX VALUE	965-966

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ5A	2	<p>With the exception of elementary or high school performances, did ... go to a live musical stage play during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1A=1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	967-968
PEQ5B	2	<p>How many times did ...do this during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ5A=1</p> <p><u>VALID ENTRIES:</u></p> <p>1    MIN VALUE 97   MAX VALUE</p>	969-970
PEQ6A	2	<p>With the exception of elementary or high school performances, Did ... go to a live performance of a nonmusical stage play during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1A=1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	971-972

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ6B	2	How many times did ... do this during the last 12 months?  EDITED UNIVERSE: PEQ6A = 1  <u>VALID ENTRIES:</u>  1 MIN VALUE 97 MAX VALUE	973-974
PEQ7A	2	With the exception of elementary or high school performances, did ... go to a live ballet performance during the LAST 12 MONTHS?  EDITED UNIVERSE: PEQ6C = 1  <u>VALID ENTRIES:</u>  1 Yes 2 No	975-976
PEQ7B	2	How many times did ... do this during the last 12 months?  EDITED UNIVERSE: PEQ7A=1  <u>VALID ENTRIES:</u>  1 MIN VALUE 97 MAX VALUE	977-978

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ8AA	2	<p>With the exception of elementary or high school performances, did ... go to a live dance performance other than ballet, such as modern, folk, tap or Broadway style during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	979-980
PEQ8B	2	<p>How many times did ... do this during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ8AA = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    MIN VALUE 97   MAX VALUE</p>	981-982
PEQ9A	2	<p>During the last 12 months, did ... visit an art museum or gallery?</p> <p>EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	983-984

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ9B	2	How many times did ...do this during the last 12 months?  EDITED UNIVERSE: PEQ9A=1  <u>VALID ENTRIES:</u>  1 MIN VALUE 97 MAX VALUE	985-986
PEQ10A	2	During the last 12 months, did visit a crafts fair or a visual arts festival?  EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3  <u>VALID ENTRIES:</u>  1 Yes 2 No	987-988
PEQ10B	2	During the last 12 months, did ... visit an outdoor Festival that featured performing artists?  EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3  <u>VALID ENTRIES:</u>  1 Yes 2 No	989-990
PEQ11A	2	During the last 12 months did ... visit an historic park or monument, or tour buildings or neighborhoods for their historic or design value?  EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3  <u>VALID ENTRIES:</u>  1 Yes 2 No	991-992

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ12A	2	<p>Next I have a few questions about reading.</p> <p>With the exception of books required for work or school, did ... read any books during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	993-994
PEQ12B	2	<p>About how many books did ... read during the last 12 months?</p> <p>EDITED UNIVERSE: PEQ12A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    MIN VALUE 97   MAX VALUE</p>	995-996
PEQ13AA1	2	<p>During the last 12 months did ... read any – Novels or short stories?</p> <p>EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	997-998

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEQ13AA2	2	During the last 12 months did ... read any – Poetry?  EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3  <u>VALID ENTRIES:</u>  1    Yes 2    No	999-1000
PEQ13AA3	2	During the last 12 months did ... read any – Plays?  EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3  <u>VALID ENTRIES:</u>  1    Yes 2    No	1001-1002
PEA1A	2	During the last 12 months, with the exception of required reading for work or school, did ... read any articles, essays, or blogs either on the Internet or downloaded from the Internet?  EDITED UNIVERSE: HURNDRSP[1:5] = 0-49999  <u>VALID ENTRIES:</u>  1    Yes 2    No	1003-1004

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA1B	2	<p>During the last 12 months, with the exception of required reading for work or school, did...read any novels, short stories, or poetry either on the Internet or downloaded from the Internet?</p> <p>EDITED UNIVERSE: PEA1A = 1, 2, -2, -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1005-1006
PEA2	2	<p>During the last 12 months, did ...listen to any novels, short stories, or poetry, either live or recorded?</p> <p>EDITED UNIVERSE: PEA1B = 1, 2, -2, -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1007-1008
PEA31	2	<p>Now I'm going to ask about ... reading preference. Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Mysteries?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1009-1010

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA32	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Thrillers?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1011-1012
PEA33	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Romance?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1013-1014
PEA34	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Science Fiction or Fantasy?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1015-1016

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA35	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Other Fiction?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1017-1018
PEA36	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Health, Fitness, or Self-Improvement books?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1019-1020
PEA37	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Religious texts or books about Religion or Spirituality?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1021-1022

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA38	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – History or Political books?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1023-1024
PEA39	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Biographies or Memoirs?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1025-1026
PEA310	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Other Non-Fiction?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1027-1028

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA311	2	<p>Please tell me if ... like(s) to read each of the following. (Do/Does) (you/he/she) like to read – Anything Else I have not mentioned?</p> <p>EDITED UNIVERSE: (PEQ12A = 1) OR (PEQ13AA = 1-3) OR (PEA1A = 1) OR (PEA1B = 1) OR (PEA2 = 1)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1029-1030
PEA41	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Classical or Chamber Music?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1031-1032
PEA42	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Opera?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1033-1034

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA43	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Broadway musicals or Show tunes?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1035-1036
PEA44	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Jazz?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1037-1038
PEA45	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Classic Rock or Oldies?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1039-1040

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA46	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Contemporary Rock?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1041-1042
PEA47	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Rap or Hip-hop?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1043-1044
PEA48	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Blues or Rhythm and Blues?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1045-1046

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA49	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Latin, Spanish or Salsa?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1047-1048
PEA410	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Country?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1049-1050
PEA411	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Bluegrass?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1051-1052

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA412	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Folk Music?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1053-1054
PEA413	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Hymns or Gospel Music?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1055-1056
PEA414	2	<p>Now I am going to ask you about ... music preference. For each type of music I read, please tell me if (he/she) like(s) to listen to it. (Do/Does) ... like to listen to – Anything Else I have not mentioned?</p> <p>EDITED UNIVERSE: (PEA2 = 1, 2, -2, or -3) OR (PEA3 = 1-11, -2, or -3)</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1057-1058

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEA5	2	<p>Of those music types that you mention listening to, which (do/does) ... like best?</p> <p>EDITED UNIVERSE: More than one answer category selected in PEA41-14</p> <p><u>VALID ENTRIES:</u></p> <ol style="list-style-type: none"> <li>1 Classical or Chamber Music</li> <li>2 Opera</li> <li>3 Broadway musicals or Show tunes</li> <li>4 Jazz</li> <li>5 Oldies</li> <li>6 Contemporary</li> <li>7 Rap</li> <li>8 Blues or Rhythm and Blues</li> <li>9 Latin, Spanish or Salsa</li> <li>10 Country</li> <li>11 Bluegrass</li> <li>12 Folk Music</li> <li>13 Hymns or Gospel Music</li> <li>14 Other</li> </ol>	1059-1060
PEB1A	2	<p>The following questions are about ways people use television, computers and other electronic media?</p> <p>During the last 12 months, did ... use the Internet?</p> <p>EDITED UNIVERSE: HURNDRSP[1:5] = 0-16666 OR 50000-83332</p> <p><u>VALID ENTRIES:</u></p> <ol style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> </ol>	1061-1062

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB1B	2	How often did ... USUALLY access the Internet?  EDITED UNIVERSE: PEB1A = 1  <u>VALID ENTRIES:</u>  1    At least once a day 2    At least once a week but not every day 3    At least once a month but not every week 4    Or less than once a month	1063-1064
PEB2A	2	During the last 12 months, did ... use the Internet to watch, listen to, or download live or recorded music, theater or dance performances?  EDITED UNIVERSE: PEB1A = 1  <u>VALID ENTRIES:</u>  1    Yes 2    No	1065-1066
PEB2B	2	Is this something that ... usually (do/does)  EDITED UNIVERSE: PEB2A = 1  <u>VALID ENTRIES:</u>  1    At least once a week 2    At least a month but not every week 3    Or less than once a month	1067-1068

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB3A	2	<p>During the last 12 months, did ... use the Internet to view visual art online, such as paintings, sculpture, or photography?</p> <p>EDITED UNIVERSE: PEB1A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1069-1070
PEB3B	2	<p>Is this something that ... usually (do/does)</p> <p>EDITED UNIVERSE: PEB3A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Once a week 2    At least a month 3    Once a month</p>	1071-1072
PEB4A	2	<p>During the last 12 months, did ... use the Internet to obtain information about music, theater or dance performances or art exhibits including purchasing tickets online?</p> <p>EDITED UNIVERSE: PEB1A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1073-1074

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB4B	2	Is this something that ... usually (do/does)  EDITED UNIVERSE: PEB4A = 1  <u>VALID ENTRIES:</u>  1    Once a week 2    At least a month 3    Once a month	1075-1076
PEB5A	2	During the last 12 months, did ... use the Internet to create or post your own art online including design, music, photography, films, video, or creative writing?  EDITED UNIVERSE: PEB1A = 1  <u>VALID ENTRIES:</u>  1    Yes 2    No	1077-1078
PEB5B	2	Is this something that ... usually (do/does)  EDITED UNIVERSE: PEB5A = 1  <u>VALID ENTRIES:</u>  1    Once a week 2    At least a month 3    Once a month	1079-1080

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB6	2	<p>The next questions are about watching or listening to a recorded or live broadcasted arts performances on Television, Radio, or on ... computer, including watching or listening on a portable media devices such as an IPOD, Cell phone, or portable DVD player.</p> <p>During the last 12 months did ... watch or listen to any Recorded or live broadcasted jazz?</p> <p>EDITED UNIVERSE: PEB1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1081-1082
PEB7	2	<p>During the last 12 months, did ... watch or listen to any recorded or live broadcasted Latin, Spanish, or Salsa music?</p> <p>EDITED UNIVERSE: PEB6 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1083-1084
PEB8	2	<p>During the last 12 months, did ... watch or listen to any recorded or live broadcasted classical music?</p> <p>EDITED UNIVERSE: PEB7 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1085-1086

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB9	2	<p>During the last 12 months, did ... watch or listen to a recorded or live broadcasted Opera?</p> <p>EDITED UNIVERSE: PEB8 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1087-1088
PEB10	2	<p>During the last 12 months, with the exception of movies, did ... watch or listen to a recorded or live broadcasted musical stage play?</p> <p>EDITED UNIVERSE: PEB9 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1089-1090
PEB11	2	<p>During the last 12 months, with the exception of movies, sitcoms, or TV series, did ... watch or listen to a recorded or live broadcasted nonmusical stage play?</p> <p>EDITED UNIVERSE: PEB10 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1091-1092

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEB12	2	<p>During the last 12 months, with the exception of music videos, did ... watch or listen to a recorded or live broadcasted ballet, modern, folk, tap, or Broadway style dance performances?</p> <p>EDITED UNIVERSE: PEB11= 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1093-1094
PEB13	2	<p>During the last 12 months, did ... watch or listen to a program about artists, art works, or art museums?</p> <p>EDITED UNIVERSE: PEB12 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1095-1096
PEB14	2	<p>During the last 12 months, did ... watch or listen to a program about books or writers?</p> <p>EDITED UNIVERSE: PEB13 = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1097-1098

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC1A	2	<p>These next questions are about ... participation in other leisure activities.</p> <p>Approximately, how many hours of television (do/does) ... watch on an average day?</p> <p>EDITED UNIVERSE: HURNDRSP[1:5] = 16667-3333 OR 50000-66665 or 83333-99999</p> <p><u>VALID ENTRIES:</u></p> <p>0 MIN VALUE 24 MAX VALUE</p>	1099-1100
PEC2A	2	<p>During the last 12 months, did ... go out to the movies?</p> <p>EDITED UNIVERSE: PEC1A = 0-24, -2, -3</p> <p><u>VALID ENTRIES:</u></p> <p>1 Yes 2 No</p>	1101-1102
PEC3A	2	<p>During the last 12 months, did ... attend an elementary, middle, or high school music, theater, or dance performance?</p> <p>EDITED UNIVERSE: PEC2A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1 Yes 2 No</p>	1103-1104

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC4A	2	<p>During the last 12 months, did ... attend a music, theatre or dance performance at a church, synagogue or other religious institution?</p> <p>EDITED UNIVERSE: PEC3A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1105-1106
PEC5A	2	<p>With the exception of youth sports, did ... go to any amateur or professional sports events during the last 12 months?</p> <p>EDITED UNIVERSE: PEC4A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1107-1108
PEC6A	2	<p>During the last 12 months, did ... jog, lift weights, walk, or participate in any other exercise program?</p> <p>EDITED UNIVERSE: PEC5A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1109-1110

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC7A	2	<p>During the last 12 months, did ... participate in any sports activity, such as softball, basketball, golf, bowling, skiing, or tennis?</p> <p>EDITED UNIVERSE: PEC6A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1111-1112
PEC8A	2	<p>During the last 12 months, did ... participate in any outdoor activities, such as camping, hiking, or canoeing?</p> <p>EDITED UNIVERSE: PEC7A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1113-1114
PEC9A	2	<p>During the last 12 months, did ... work with indoor plants or do any gardening for pleasure?</p> <p>EDITED UNIVERSE: PEC8A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1115-1116

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC10A	2	<p>During the last 12 months, did ... work with pottery, ceramics, jewelry, or do any leatherwork or metalwork?</p> <p>EDITED UNIVERSE: PEC9A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1117-1118
PEC11A	2	<p>During the last 12 months, did ... do any weaving, crocheting, quilting, needlepoint, or sewing?</p> <p>EDITED UNIVERSE: PEC10A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1119-1120
PEC12A	2	<p>During the last 12 months, did ... make photographs, movies, or video tapes as an artistic activity?</p> <p>EDITED UNIVERSE: PEC11A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1121-1122
PEC13A	2	<p>During the last 12 months, did ... do any painting, drawing, sculpture, or printmaking activities?</p> <p>EDITED UNIVERSE: PEC12A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1123-1124

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC14A	2	<p>With the exception of work or school, did ... do any creative writing such as stories, poems, or plays during the last 12 months?</p> <p>EDITED UNIVERSE: PEC13A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1125-1126
PEC15A	2	<p>Do/Does ... own any original pieces of art, such as paintings, drawings, sculpture, prints, or lithographs?</p> <p>EDITED UNIVERSE: PEC14A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1127-1128
PEC15B	2	<p>Did ... purchase or acquire any of these pieces during the last 12 months?</p> <p>EDITED UNIVERSE: PEC15A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1129-1130

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC16A	2	<p>During the last 12 months, did ... play a musical instrument?</p> <p>EDITED UNIVERSE: PEC15A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1131-1132
PEC16B	2	<p>Did ... perform or rehearse any jazz music?</p> <p>EDITED UNIVERSE: PEC16A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1133-1134
PEC16C	2	<p>Did ... perform or rehearse any classical music?</p> <p>EDITED UNIVERSE: PEC16A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1135-1136
PEC17A	2	<p>During the last 12 months, did ... sing any music from an opera?</p> <p>EDITED UNIVERSE: PEC16A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1137-1138

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC18A	2	<p>During the last 12 months, did ... sing or act in a musical play?</p> <p>EDITED UNIVERSE: PEC17A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1139-1140
PEC19A	2	<p>During the last 12 months, did ... act in a non-musical play?</p> <p>EDITED UNIVERSE: PEC18A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1141-1142
PEC20A	2	<p>During the last 12 months, did ... sing with a chorale, choir, or glee club or other type of vocal group?</p> <p>EDITED UNIVERSE: PEC19A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1143-1144

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEC21A	2	<p>During the last 12 months, did ... dance ballet, or other dance such as modern, folk, tap, or Broadway style dance?</p> <p>EDITED UNIVERSE: PEC20A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1145-1146
PEC25A	2	<p>During the last 12 months, did ... participate in any community activities, meetings, or events?</p> <p>EDITED UNIVERSE: PEC21A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1147-1148
PEC26A	2	<p>During the last 12 months, did ... do any volunteer or charity work?</p> <p>EDITED UNIVERSE: PEC25A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1149-1150
PEC27A	2	<p>Did ... vote in the last 2004 presidential election?</p> <p>EDITED UNIVERSE: PEC26A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1151-1152

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED1A	2	<p>These last questions are about lessons or classes you may have taken at any time in your life.</p> <p>Have/Has ... ever taken lessons or classes - music - either voice training or playing an instrument?</p> <p>EDITED UNIVERSE: HURNDRSP[1:5] = 3334-49999 or 66666-99999</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1153-1154
PED1B	2	<p>Did ... take these lessons or classes when you were ...</p> <p>EDITED UNIVERSE: PED1A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child</p>	1155-1156
PED1C	2	<p>Excluding lessons or classes offered in elementary or high school, were any of the music lessons or classes ... took as a child private lessons?</p> <p>EDITED UNIVERSE: PED1B = 1 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1157-1158

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED1D	2	Did ... take any of these lessons or classes in the past year?  EDITED UNIVERSE: PED1B = 2 or 3  <u>VALID ENTRIES:</u>  1    Yes 2    No	1159-1160
PED2A	2	Have/Has ... ever taken lessons or classes in – visual arts such as sculpture, painting, printmaking, graphic design, photography, or film making?  EDITED UNIVERSE: PED1A = 1, 2, -2 or -3  <u>VALID ENTRIES:</u>  1    Yes 2    No	1161-1162
PED2B	2	Did ... take these lessons or classes when you were ...  EDITED UNIVERSE: PED2A = 1  <u>VALID ENTRIES:</u>  1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child	1163-1164

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED2C	2	<p>Excluding lessons or classes offered in elementary or high school, were any of the visual art lessons or classes ... took as a child private lessons?</p> <p>EDITED UNIVERSE: PED2B = 1 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1165-1166
PED2D	2	<p>Did ... take any of these lessons or classes in the past year?</p> <p>EDITED UNIVERSE: PED2B = 2 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1167-1168
PED3A	2	<p>Have/Has ... ever taken lessons or classes in – acting or theater?</p> <p>EDITED UNIVERSE: PED2A = 1, 2, -2 or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1169-1170

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED3B	2	<p>Did ... take these lessons or classes when you were ...</p> <p>EDITED UNIVERSE: PED3A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child</p>	1171-1172
PED3C	2	<p>Excluding lessons or classes offered in elementary or high school, were any of the acting lessons or classes ... took as a child private lessons?</p> <p>EDITED UNIVERSE: PED3B = 1 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1173-1174
PED3D	2	<p>Did ... take any of these lessons or classes in the past year?</p> <p>EDITED UNIVERSE: PED3B = 2 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1175-1176

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED4A	2	Have/Has ... ever taken lessons or classes in – dance including ballet, or other dance such as modern, folk, tap, or Broadway style?  EDITED UNIVERSE: PED3A = 1, 2, -2 or -3  <u>VALID ENTRIES:</u>  1    Yes 2    No	1177-1178
PED4B	2	Did ... take these lessons or classes when you were ...  EDITED UNIVERSE: PED4A = 1  <u>VALID ENTRIES:</u>  1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child	1179-1180
PED4C	2	Excluding lessons or classes offered in elementary or high school, were any of the dance lessons or classes ... took as a child private lessons?  EDITED UNIVERSE: PED4B = 1 or 3  <u>VALID ENTRIES:</u>  1    Yes 2    No	1181-1182

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED4D	2	<p>Did ... take any of these lessons or classes in the past year?</p> <p>EDITED UNIVERSE: PED4B = 2 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1183-1184
PED5A	2	<p>Have/Has ... ever taken lessons or classes in – creative writing?</p> <p>EDITED UNIVERSE: PED4A = 1, 2, -2 or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1185-1186
PED5B	2	<p>Did ... take these lessons or classes when you were ...</p> <p>EDITED UNIVERSE: PED5A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child</p>	1187-1188
PED5C	2	<p>Excluding lessons or classes offered in elementary or high school, were any of the writing lessons or classes ... took as a child private lessons?</p> <p>EDITED UNIVERSE: PED5B = 1 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1189-1190

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)



<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED5D	2	<p>Did ... take any of these lessons or classes in the past year?</p> <p>EDITED UNIVERSE: PED5B = 2 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1191-1192
PED6A	2	<p>Have/Has ... ever taken lessons or classes in – art appreciation or art history?</p> <p>EDITED UNIVERSE: PED5A = 1, 2, -2 or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1193-1194
PED6B	2	<p>Did ... take these lessons or classes when you were ...</p> <p>EDITED UNIVERSE: PED2A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child</p>	1195-1196

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED6C	2	<p>Excluding lessons or classes offered in elementary or high school, were any of the art appreciation or art history lessons or classes ... took as a child private lessons?</p> <p>EDITED UNIVERSE: PED6B = 1 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1197-1198
PED6D	2	<p>Did ... take any of these lessons or classes in the past year?</p> <p>EDITED UNIVERSE: PED6B = 2 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1199-1200
PED7A	2	<p>Have/Has ... ever taken lessons or classes in – music appreciation?</p> <p>EDITED UNIVERSE: PED7A = 1, 2, -2 or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1201-1202

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PED7B	2	<p>Did ... take these lessons or classes when you were ...</p> <p>EDITED UNIVERSE: PED7A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    A child under 18 2    An adult 18 or older 3    Or both as an adult and child</p>	1203-1204
PED7C	2	<p>Excluding lessons or classes offered in elementary or high school, were any of the music appreciation lessons or classes ... took as a child private lessons?</p> <p>EDITED UNIVERSE: PED7B = 1 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1205-1206
PED7D	2	<p>Did ... take any of these lessons or classes in the past year?</p> <p>EDITED UNIVERSE: PED2B = 2 or 3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1207-1208

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEX1	2	<p>What is the highest degree or level of school .... Father completed?</p> <p>EDITED UNIVERSE: PEQ1A = 1, 2, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <ul style="list-style-type: none"> <li>1 Less than 9<sup>th</sup> grade</li> <li>2 Some high school</li> <li>3 High school graduate (or GED)</li> <li>4 Some College</li> <li>5 College graduate (BA, AB, BS)</li> <li>6 Advanced or graduate degree (Masters, Professional, Doctoral)</li> </ul>	1209-1210
PEX2	2	<p>What is the highest degree or level of school .... Mother completed?</p> <p>EDITED UNIVERSE: PEX1 = 1-6, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <ul style="list-style-type: none"> <li>1 Less than 9<sup>th</sup> grade</li> <li>2 Some high school</li> <li>3 High school graduate (or GED)</li> <li>4 Some College</li> <li>5 College graduate (BA, AB, BS)</li> <li>6 Advanced or graduate degree (Masters, Professional, Doctoral)</li> </ul>	1211-1212
PEX3	2	<p>How many children do ... have between the ages 5 and 17 years of age?</p> <p>EDITED UNIVERSE: PEX1 = 1-6, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <ul style="list-style-type: none"> <li>0 Min Value</li> <li>7 Max Value</li> </ul>	1213-1214

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PEX4A	2	<p>The next two questions are about ... school aged children ages 5 to 17.</p> <p>With the exception of lessons or classes offered in their school, have any of ... school aged children ever taken any private art lessons arts classes?</p> <p>EDITED UNIVERSE: PEX3 = 1-7</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1215-1216
PEX4B	2	<p>Were any of these private lessons or classes taken in the past year?</p> <p>EDITED UNIVERSE: PEX4A = 1</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1217-1218
PEX5	2	<p>With the exception of elementary, middle, or high school performance, did any of ... school aged children attend a live music, theater or dance performance during the last 12 months?</p> <p>EDITED UNIVERSE: PEX3 = 1-7, -2, or -3</p> <p><u>VALID ENTRIES:</u></p> <p>1    Yes 2    No</p>	1219-1220

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

<u>NAME</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
PRINTFLG	2	Supplement interview flag	1221-1222
<u>VALID ENTRIES:</u>			
:			
		1 Interview	
		2 Noninterview	
SPRINTFLG	2	Spouse supplement interview flag	1223-1224
<u>VALID ENTRIES:</u>			
		1 Interview	
		2 Noninterview	
CWGT	10	Supplement Final Weight for the Core and Module C questions (4 implied decimals)	1225-1234
MWGT	10	Supplement Final Weight for Modules A, B, and D questions (4 implied decimals)	1235-1244
PUNXTPR3	2	Self or Proxy Response	1245-1246
<u>VALID ENTRIES:</u>			
		1 Self	
		2 Proxy	

Note: Some variables can have other entries of -1 (Not in Universe), -2 (Don't Know), -3 (Refused), and -9 (No Response)

## ATTACHMENT 8

### SUPPLEMENT QUESTIONNAIRE

#### May 2008 Public Participation in the Arts Supplement

PRESUP      This month we are asking additional questions concerning public participation in the arts.

(F1) Importance of responding

Enter (1) to Continue

---

NXTPR      I also need to talk with name(s). ((Is he/she)/Are either of them/Are any of them) at home now?

Enter line number of eligible person

---

NXTPR3      Is this a Self or Proxy response?

- (1) Self
  - (2) Proxy
- 

EPROXY      Are you currently talking to...?

- (1) Yes, SELF interview
  - (2) No
- 

NXTPR5      Enter the line number of the person you are currently talking to.

---

Q1A      The following questions are about ... activities during the last 12 months between May (current day), 2007 and May (current day), 2008. With the exception of elementary or high school performances, did ... go to a live jazz performance during the last 12 months?

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q1B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q2A            *With the exception of elementary or high school performances, did ... go to a live Latin, Spanish, or Salsa performance during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q2B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q3A            *With the exception of elementary or high school performances, did ... go to a live classical music performance such as symphony, chamber, or choral music during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q3B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q4A            *With the exception of elementary or high school performances, did ... go to a live opera during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>



---

Q4B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q5A            *With the exception of elementary or high school performances, did ... go to a live musical stage play during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q5B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q6A            *With the exception of elementary or high school performances, did ... go to a live performance of a nonmusical stage play during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q6B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q7A            *With the exception of elementary or high school performances, did ... go to a live ballet performance during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q7B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q8AA            *With the exception of elementary or high school performances, did ... go to a live dance performance other than ballet, such as modern, folk, tap, or Broadway style during the last 12 months?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q8B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q9A            *During the last 12 months, did ... visit an art museum or gallery?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q9B            How many times did ... do this during the last 12 months?

\_\_\_\_\_days  
(1-97)

---

Q10A            *During the last 12 months, did ... visit a crafts fair or a visual arts festival?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q10B      *During the last 12 months, did ... visit an outdoors festival that featured performing artists?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q11A      *During the last 12 months, did ... visit an historic park or monument, or tour buildings or neighborhoods for their historic or design value?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q12A      Next I have a few questions about reading. With the exception of books required for work or school, did ... read any books during the last 12 months?

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q12B      About how many books did ... read during the last 12 months?

- (1) Yes
- (2) No

Blind <D> or <R>

---

Q13AA      During the last 12 months, did ... read any novels or short stories, poetry, or plays?

- (0) None
- (1) Novels
- (2) Poetry
- (3) Plays

Blind <D> or <R>

---

A1a            During the last 12 months, with the exception of required reading for work or school, ... read any articles, essays, or blogs either on the Internet or downloaded from the Internet?

- (1) Yes  
(2) No

Blind <D> or <R>

---

A1b            During the last 12 months, with the exception of required reading for work or school, did ... read any novels, short stories, or poetry either on the Internet or downloaded from the Internet?

- (1) Yes  
(2) No

Blind <D> or <R>

---

A2            *During the last 12 months*, did ... listen to any novels, short stories, or poetry, either live or recorded?

- (1) Yes  
(2) No

Blind <D> or <R>

---

A3            Now I'm going to ask about ... reading preferences. Please tell me if ... like(s) to read each of the following. (Do/Does) (he/she) like to read

- *Read all categories*  
*Enter all that apply, separate with commas*

- (1) Mysteries  
(2) Thrillers  
(3) Romance  
(4) Science Fiction or Fantasy  
(5) Other Fiction  
(6) Health, Fitness, or Self-Improvement books  
(7) Religious texts or books about Religion or Spirituality

- (8) History or Political books
- (9) Biographies or Memoirs
- (10) Other Non-Fiction
- (11) Anything Else I have not mentioned.

Blind <D> or <R>

---

A4            Now I am going to ask about ... music preference. For each type of music I read, please tell me if ... like(s) to listen to it. (Do/Does) ... like to listen to:

- *Read all categories*  
*Enter all that apply, separate with commas*
  - (0)        None
  - (1)        Classical or Chamber Music
  - (2)        Opera
  - (3)        Broadway musicals or Show tunes
  - (4)        Jazz
  - (5)        Classic Rock or Oldies
  - (6)        Contemporary Rock
  - (7)        Rap or Hip-hop
  - (8)        Blues or Rhythm and Blues
  - (9)        Latin, Spanish or Salsa
  - (10)       Country
  - (11)       Bluegrass
  - (12)       Folk Music
  - (13)       Hymns or Gospel Music
  - (14)       Anything Else I have not mentioned.

---

A4S           Other Specify.

- Enter verbatim response

Blind <D> or <R>

---

A5            Of those music types that you mention listening to, which (do/does) ....  
like best?

- (1) Classical or Chamber Music
- (2) Opera
- (3) Broadway musicals or Show tunes
- (4) Jazz
- (5) Classic Rock or Oldies

- (6) Contemporary Rock
- (7) Rap or Hip-Hop
- (8) Blues or Rhythm and Blues
- (9) Latin, Spanish or Salsa
- (10) Country
- (11) Bluegrass
- (12) Folk Music
- (13) Hymns or Gospel Music
- (14) Other

Blind <D> or <R>

---

B1a            The following questions are about ways people use television, computers and other electronic media. During the last 12 months, did ... use the Internet?

- (1) Yes
- (2) No

Blind <D> or <R>

---

B1b            How often did ... USUALLY access the Internet?

- (1) Yes
- (2) No

Blind <D> or <R>

---

B2a            *During the last 12 months*, did ... use the Internet to watch, listen to, or download live or recorded music, theater or dance performances?

- (1) Yes
- (2) No

Blind <D> or <R>

---

B2b            Is this something that ... usually (do/does) at least once a week, at least once a month, but not every week or less than once a month?"

- (1) Yes
- (2) No

Blind <D> or <R>

---

B3a            *During the last 12 months, did ... use the Internet to view visual art online, such as paintings, sculpture, or photography?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

B3b            Is this something that ... usually (do/does) at least once a week, at least once a month, but not every week or less than once a month?"

- (1) Yes
- (2) No

Blind <D> or <R>

---

B4a            *During the last 12 months, did ...use the Internet to obtain information about music, theater or dance performances or art exhibits including purchasing tickets online?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

B4b            Is this something that ... usually (do/does) at least once a week, at least once a month, but not every week or less than once a month?"

- (1) Yes
- (2) No

Blind <D> or <R>

---

B5a            *During the last 12 months, did ... use the Internet to create or post own art online including design, music, photography, films, video, or creative writing?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

B5b Is this something that ... usually (do/does) at least once a week, at least once a month, but not every week or less than once a month?

- (1) Yes
- (2) No

Blind <D> or <R>

---

B6 The next questions are about watching or listening to a recorded or live broadcasted arts performances on Television, Radio or on ... Computer, including watching or listening on a portable media devices such as an IPOD, cell phone, or portable DVD player. During the last 12 months did, ... watch or listen to any recorded or live broadcasted jazz?

- (1) Yes
- (2) No

Blind <D> or <R>

---

B7 During the last 12 months, did ... watch or listen to any *recorded or live broadcasted* Latin, Spanish, or Salsa music?

- (1) Yes
- (2) No

Blind <D> or <R>

---

B8 *During the last 12 months*, did ... watch or listen to any *recorded or live broadcasted* classical music?

- (1) Yes
- (2) No

Blind <D> or <R>



- 
- B9                      *During the last 12 months, did ... watch or listen to any recorded or live broadcasted Opera?*
- (1) Yes  
                            (2) No
- Blind <D> or <R>
- 
- B10                     *During the last 12 months, with the exception of movies, did ... watch or listen to any recorded or live broadcasted musical stage play?*
- (1) Yes  
                            (2) No
- Blind <D> or <R>
- 
- B11                     *During the last 12 months, with the exception of movies, sitcoms, or TV series, did ... watch or listen to any recorded or live broadcasted nonmusical stage play?*
- (1) Yes  
                            (2) No
- Blind <D> or <R>
- 
- B12                     *During the last 12 months, with the exception of movies, sitcoms, or TV series, did ... watch or listen to any recorded or live broadcasted ballet, modern, folk, tap or Broadway style dance performance?*
- (1) Yes  
                            (2) No
- Blind <D> or <R>
- 
- B13                     *During the last 12 months, did ... watch or listen to a program about artists, art works, or art museums?*
- (1) Yes  
                            (2) No
- Blind <D> or <R>
-

---

B14      *During the last 12 months, did ... watch or listen to a program about books or writers?*

- (1) Yes  
(2) No

Blind <D> or <R>

---

C1a      These next questions are about ... participation in other leisure activities.  
Approximately, how many hours of television (do/does) (you/Name) watch on an average day?

- Record exact number  
            
(0-24)
- 

C2a      *During the last 12 months, did ... go out to the movies?*

- (1) Yes  
(2) No

Blind <D> or <R>

---

C3a      *During the last 12 months, did ... attend an elementary, middle, or high school music, theater, or dance performance?*

- (1) Yes  
(2) No

Blind <D> or <R>

---

C4a      *During the last 12 months, did ... attend a music, theatre or dance performance at a church, synagogue or other religious institution?*

- (1) Yes  
(2) No

Blind <D> or <R>

---

C5a            With the exception of youth sports, did ... go to any amateur or professional sports events during the last 12 months?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C6a            *During the last 12 months*, did ... jog, lift weights, walk, or participate in any other exercise program?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C7a            *During the last 12 months*, did ... participate in any sports activity, such as softball, basketball, golf, bowling, skiing, or tennis?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C8a            *During the last 12 months*, did ... participate in any outdoor activities, such as camping, hiking, or canoeing?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C9a            *During the last 12 months*, did ... work with indoor plants or do any gardening for pleasure?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C10a      *During the last 12 months, did ... work with pottery, ceramics, jewelry, or do any leatherwork or metalwork?*

(1) Yes

(2) No

Blind <D> or <R>

---

C11a      *During the last 12 months, did ... do any weaving, crocheting, quilting, needlepoint, or sewing?*

(1) Yes

(2) No

Blind <D> or <R>

---

C12a      *During the last 12 months, did ... make photographs, movies, or videotapes as an artistic activity?*

(1) Yes

(2) No

Blind <D> or <R>

---

C13a      *During the last 12 months, did ... do any painting, drawing, sculpture, or printmaking activities?*

(1) Yes

(2) No

Blind <D> or <R>

---

C14a      *With the exception of work or school, did ... do any creative writing such as stories, poems, or plays during the last 12 months?*

(1) Yes

(2) No

Blind <D> or <R>

---

C15a (Do/Does) ... own any original pieces of art, such as paintings, drawings, sculpture, prints, or lithographs?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C15b Did ... purchase or acquire any of these pieces during the last 12 months?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C16a During the last 12 months, did ... play a musical instrument?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C16b Did ... perform or rehearse any jazz music?

- (1) Yes
- (2) No

Blind <D> or <R>

---

C16c Did ... perform or rehearse any classical music?

- (1) Yes
- (2) No

Blind <D> or <R>

---

---

C17a      *During the last 12 months, did ... sing any music in an opera?*

(1) Yes

(2) No

Blind <D> or <R>

---

C18a      *During the last 12 months, did ... sing or act in a musical play?*

(1) Yes

(2) No

Blind <D> or <R>

---

C19a      *During the last 12 months, did ... act in a non-musical play?*

(1) Yes

(2) No

Blind <D> or <R>

---

C20a      *During the last 12 months, did ... sing with a choral, choir, or glee club or other type of vocal group?*

(1) Yes

(2) No

Blind <D> or <R>

---

C21a      *During the last 12 months, did ... dance ballet, or other dance such as modern, folk, tap, or Broadway style dance?*

(1) Yes

(2) No

Blind <D> or <R>

---

C25a      *During the last 12 months, did ... participate in any community activities, meetings, or events?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

C26a      *During the last 12 months, did ... do any volunteer or charity work?*

- (1) Yes
- (2) No

Blind <D> or <R>

Blind <D> or <R>

---

C27a      Did ... vote in the last 2004 presidential election?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D1a      These last questions are about lessons or classes you may have taken at any time in our life. (Have/Has) ... ever taken lessons or classes in... music –either voice training or playing an instrument?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D1b      Did ... take these lessons or classes when ... (was/were)

- Read answer categories

- (1) A child under 18
- (2) An adult 18 or older
- (3) Or both as an adult and child

Blind <D> or <R>

---

D1c            Excluding lessons or classes offered in elementary or high school, were any of the music lessons or classes ... took as a child private lessons?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D1d            Did ... take any of these lessons or classes in the past year?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D2a            *(Have/Has) ... ever taken lessons or classes in* visual arts such as sculpture, painting, printmaking, graphic design, photography, or filmmaking?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D2b            Did ... take these lessons or classes when ... (was/were)

- Read answer categories
- (1) A child under 18
- (2) An adult 18 or older
- (3) Or both as an adult and child

Blind <D> or <R>

---

D2c            Excluding lessons or classes offered in elementary or high school, were any of the visual art lessons or classes ... took as a child private lessons?

- (1) Yes
- (2) No

Blind <D> or <R>



---

D2d Did ... take any of these lessons or classes in the past year?

(1) Yes

(2) No

Blind <D> or <R>

---

D3a *(Have/Has) ... ever taken lessons or classes in acting or theater?*

(1) Yes

(2) No

Blind <D> or <R>

---

D3b Did ... take these lessons or classes when ... (was/were)

- Read answer categories

(1) A child under 18

(2) An adult 18 or older

(3) Or both as an adult and child

Blind <D> or <R>

---

D3c Excluding lessons or classes offered in elementary or high school, were any of the acting classes lessons or classes ... took as a child private lessons?

(1) Yes

(2) No

Blind <D> or <R>

---

D3d Did ... take any of these lessons or classes in the past year?

(1) Yes

(2) No

Blind <D> or <R>

---

D4a            *(Have/Has) ...ever taken lessons or classes in* dance including ballet, or  
other dance such as modern, folk, tap, or Broadway style?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D4b            Did ... take these lessons or classes when ...(was/were)

- Read answer categories
- (1) A child under 18
- (2) An adult 18 or older
- (3) Or both as an adult and child

Blind <D> or <R>

D4c            Excluding lessons or classes offered in elementary or high school, were any of the  
dance lessons or classes ... took as a child private lessons?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D4d            Did ... take any of these lessons or classes in the past year?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D5a            *(Have/Has) ... ever taken lessons or classes in* creative writing?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D5b Did ... take these lessons or classes when ... (was/were)

- Read answer categories
- (1) A child under 18
- (2) An adult 18 or older
- (3) Or both as an adult and child

Blind <D> or <R>

---

D5c Excluding lessons or classes offered in elementary or high school, were any of the writing lessons or classes ... took as a child private lessons?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D5d Did ... take any of these lessons or classes in the past year?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D6a (*Have/Has*) ... ever taken lessons or classes in appreciation or art history?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D6b Did ... take these lessons or classes when ... (was/were)

- Read answer categories
- (1) A child under 18
- (2) An adult 18 or older
- (3) Or both as an adult and child

Blind <D> or <R>

---

D6c                    Excluding lessons or classes offered in elementary or high school, were any of the art appreciation or art history lessons or classes ... took as a child private lessons?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D6d                    Did ... take any of these lessons or classes in the past year?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D7a                    *(Have/Has)... ever taken lessons or classes in music appreciation?*

- (1) Yes
- (2) No

Blind <D> or <R>

---

D7b                    Did ... take these lessons or classes when ... (was/were)

- Read answer categories
- (1) A child under 18
- (2) An adult 18 or older
- (3) Or both as an adult and child

Blind <D> or <R>

---

D7c                    Excluding lessons or classes offered in elementary or high school, were any of the music appreciation lessons or classes ... took as a child private lessons?

- (1) Yes
- (2) No

Blind <D> or <R>

---

D7d Did ... take any of these lessons or classes in the past year?

- (1) Yes
- (2) No

Blind <D> or <R>

---

X1 What is the highest degree or level of school ... Father completed?

- (1) Less than 9<sup>th</sup> grade
  - (2) Some high school
  - (3) High school graduate (or GED)
  - (4) Some College
  - (5) College graduate (BA, AB, BS)
  - (6) Advanced or graduate degree (Masters, Professional, Doctoral)
- 

X2 What is the highest degree or level of school ... Mother completed?

- (1) Less than 9<sup>th</sup> grade
- (2) Some high school
- (3) High school graduate (or GED)
- (4) Some College
- (5) College graduate (BA, AB, BS)
- (6) Advanced or graduate degree (Masters, Professional, Doctoral)

X3 How many children do ... have between the ages 5 and 17 years of age?

- If more than 7 children, enter 7
- 

X4A These next two questions are about ... school aged children ages 5 to 17. With the exception of lessons or classes offered in their school, have any of ...school aged children ever taken any private art lessons or arts classes?

- (1) Yes
- (2) No

Blind <D> or <R>

---

X4B            Were any of these private lessons or classes taken in the past year?

(1) Yes

(2) No

Blind <D> or <R>

---

X5            With the exception of elementary, middle, or high school performances, did any  
of ... school aged children attend a live music, theater or dance performance during  
the last 12 months?

(1) Yes

(2) No

Blind <D> or <R>

---

## ATTACHMENT 9

### INDUSTRY CLASSIFICATION

#### Industry Classification Codes for Detailed Industry (4 digit) (Changes from 2000 Census classification noted)

These categories are aggregated into 52 detailed groups and 14 major groups (see page A-11). The codes in the right hand column are the 2002 NAICS equivalent. Changes from the Census 2000 classification are noted by asterisks (\*).

These codes correspond to Items PEIO1ICD and PEIO2ICD, in positions 856-859 and 864-867 of the Basic CPS record layout in all months, **except March**. In the **March**, these codes correspond to PEIOIND, in positions 87-90 of the Person record.

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
<b>Agriculture, Forestry, Fishing, and Hunting</b>		
0170	Crop production	111
0180	Animal production	112
0190	Forestry except logging	1131, 1132
0270	Logging	1133
0280	Fishing, hunting, and trapping	114
0290	Support activities for agriculture and forestry	115
<b>Mining</b>		
0370	Oil and gas extraction	211
0380	Coal mining	2121
0390	Metal ore mining	2122
0470	Nonmetallic mineral mining and quarrying	2123
0480	Not specified type of mining	Part of 21
0490	Support activities for mining	213
<b>Utilities</b>		
0570	Electric power generation, transmission and distribution	Pt. 2211
0580	Natural gas distribution	Pt. 2212
0590	Electric and gas, and other combinations	Pts. 2211, 2212
0670	Water, steam, air-conditioning, and irrigation systems	22131, 22133
0680	Sewage treatment facilities	22132
0690	Not specified utilities	Part of 22

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

**Construction**

0770      \*\* Construction  
(Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)

23

**Manufacturing**

**Nondurable Goods manufacturing**

1070	Animal food, grain and oilseed milling	3111, 3112
1080	Sugar and confectionery products	3113
1090	Fruit and vegetable preserving and specialty food manufacturing	3114
1170	Dairy product manufacturing	3115
1180	Animal slaughtering and processing	3116
1190	Retail bakeries	311811
1270	Bakeries, except retail	3118 exc. 311811
1280	Seafood and other miscellaneous foods, n.e.c.	3117, 3119
1290	Not specified food industries	Part of 311
1370	Beverage manufacturing	3121
1390	Tobacco manufacturing	3122
1470	Fiber, yarn, and thread mills	3131
1480	Fabric mills, except knitting	3132 exc. 31324
1490	Textile and fabric finishing and coating mills	3133
1570	Carpet and rug mills	31411
1590	Textile product mills, except carpets and rugs	314 exc. 31411
1670	Knitting mills	31324, 3151
1680	Cut and sew apparel manufacturing	3152
1690	Apparel accessories and other apparel manufacturing	3159
1770	Footwear manufacturing	3162
1790	Leather tanning and products, except footwear manufacturing	3161, 3169
1870	Pulp, paper, and paperboard mills	3221
1880	Paperboard containers and boxes	32221
1890	Miscellaneous paper and pulp products	32222,32223, 32229
1990	Printing and related support activities	3231
2070	Petroleum refining	32411
2090	Miscellaneous petroleum and coal products	32419
2170	Resin, synthetic rubber and fibers, and filaments manufacturing	3252
2180	Agricultural chemical manufacturing	3253
2190	Pharmaceutical and medicine manufacturing	3254
2270	Paint, coating, and adhesive manufacturing B46	3255
2280	Soap, cleaning compound, and cosmetics manufacturing	3256
2290	Industrial and miscellaneous chemicals	3251, 3259
2370	Plastics product manufacturing	3261
2380	Tire manufacturing	32621
2390	Rubber products, except tires, manufacturing	32622, 32629



2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
<b>Durable Goods Manufacturing</b>		
2470	Pottery, ceramics, and related products manufacturing	32711
2480	Structural clay product manufacturing	32712
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal, except aluminum, production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and tank and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordinance	332992 to 332995
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332995
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, mining and oil field machinery manufacturing	33312, 33313
3090	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engines, turbines, and power transmission equipment manufacturing	3336
3190	Machinery manufacturing, n.e.c.	3332, 3334, 3339
3290	Not specified machinery manufacturing	Part of 333
3360	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electrical lighting, equipment, and supplies manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411 to 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

3690	Other transportation equipment manufacturing	3369
3770	Sawmills and wood preservation	3211
3780	Veneer, plywood, and engineered wood products	3212
3790	Prefabricated wood buildings and mobile homes	321991, 321992
3870	Miscellaneous wood products	3219 exc. 321991, 321992
3890	Furniture and related product manufacturing	337
3960	Medical equipment and supplies manufacturing	3391
3970	Toys, amusement, and sporting goods manufacturing	33992, 33993
3980	Miscellaneous manufacturing, n.e.c.	3399 exc. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33

**Wholesale Trade**

**Durable Goods Wholesale**

4070	** Motor vehicles, parts and supplies, merchant wholesalers	*4231
4080	** Furniture and home furnishing, merchant wholesalers	*4232
4090	** Lumber and other construction materials, merchant wholesalers	*4233
4170	** Professional and commercial equipment and supplies, merchant wholesalers	*4234
4180	** Metals and minerals, except petroleum, merchant wholesalers	*4235
4190	** Electrical goods, merchant wholesalers	*4236
4260	** Hardware, plumbing and heating equipment, and supplies, merchant wholesalers	*4237
4270	** Machinery, equipment, and supplies, merchant wholesalers	*4238
4280	** Recyclable material, merchant wholesalers	*42393
4290	** Miscellaneous durable goods, merchant wholesalers	*4239 exc. 42393

**Nondurable Goods Wholesale**

4370	** Paper and paper products, merchant wholesalers	*4241
4380	** Drugs, sundries, and chemical and allied products, merchant wholesalers	*4242, 4246
4390	** Apparel, fabrics, and notions, merchant wholesalers	*4243
4470	** Groceries and related products, merchant wholesalers	*4244
4480	** Farm product raw materials, merchant wholesalers	*4245
4490	** Petroleum and petroleum products, merchant wholesalers	*4247
4560	** Alcoholic beverages, merchant wholesalers	*4248
4570	** Farm supplies, merchant wholesalers	*42491
4580	** Miscellaneous nondurable goods, merchant wholesalers	*4249 exc. 42491
* 4585	*** Wholesale electronic markets, agents and brokers	New industry *4251
4590	**Not specified wholesale trade	Part of 42

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
<b>Retail Trade</b>		
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443111
4790	Radio, TV, and computer stores	443112, 44312
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4970	Grocery stores	4451
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	4461
5080	Health and personal care, except drug, stores	446 exc. 44611
5090	Gasoline stations	447
5170	Clothing and accessories, except shoe, stores	448 exc. 44821, 4483
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5270	Sporting goods, camera, and hobby and toy stores	44313, 45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5290	Music stores	45114, 45122
5370	Book stores and news dealers	45121
5380	****Department stores and discount stores	45211
5390	Miscellaneous general merchandise stores	4529
5470	Retail florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5590	*** Electronic shopping	New industry *454111
* 5591	*** Electronic auctions	New industry *454112
* 5592	** Mail order houses	*454113
5670	Vending machine operators	4542
5680	Fuel dealers	45431
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

**Transportation and Warehousing**

6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493

**Information**

6470	**Newspaper publishers	51111
6480	**Publishing, except newspapers and software	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Radio and television broadcasting and cable	5151, 5152, 5175
* 6675	*** Internet publishing and broadcasting	New industry *5161
6680	Wired telecommunications carriers	*5171
6690	Other telecommunications services	*517 exc. 5171, 5175
* 6692	*** Internet service providers	New industry *5181
* 6695	**** Data processing, hosting, and related services	*5182
6770	Libraries and archives	*51912
6780	Other information services	*5191 exc. 51912

***Finance, Insurance, Real Estate, and Rental and Leasing***  
**Finance and Insurance**

6870	Banking and related activities	521,52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Non-depository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6990	Insurance carriers and related activities	524

2002 CENSUS CODE	DESCRIPTION	2002 NAICS CODE
<b>Real Estate and Rental and Leasing</b>		
7070	Real estate	531
7080	Automotive equipment rental and leasing	5321
7170	Video tape and disk rental	53223
7180	Other consumer goods rental	53221, 53222, 53229, 5323
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533
 <b><i>Professional, Scientific, Management, Administrative, and Waste management services</i></b>		
<b>Professional, Scientific, and Technical Services</b>		
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc. 54194
 <b>Management, Administrative and Support, and Waste Management Services</b>		
<b><i>Management of companies and enterprises</i></b>		
7570	Management of companies and enterprises	551
 <b><i>Administrative and support and waste management services</i></b>		
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	** Services to buildings and dwellings	5617 exc. 56173
	(except cleaning during construction and immediately after construction)	
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

***Educational, Health and Social Services***

**Educational Services**

7860	Elementary and secondary schools	6111
7870	Colleges and universities, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools, instruction, and educational services	6116, 6117

**Health Care and Social Assistance**

7970	Offices of physicians	6211
7980	Offices of dentists	6212
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8190	Hospitals	622
8270	Nursing care facilities	6231
8290	Residential care facilities, without nursing	6232, 6233, 6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244

***Arts, Entertainment, Recreation, Accommodation, and Food Services***

**Arts, Entertainment, and Recreation**

8560	Independent artists, performing arts, spectator sports, and related industries	711
8570	Museums, art galleries, historical sites, and similar institutions	712
8580	Bowling centers	71395
8590	Other amusement, gambling, and recreation industries	713 exc. 71395

**Accommodation and Food Services**

8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boarding houses	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2002  
NAICS  
CODE**

**Other Services (Except Public Administration)**

8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8880	Personal and household goods repair and maintenance	8114 exc. 81143
8890	Footwear and leather goods repair	81143
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Drycleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grantmaking and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814

**Public Administration**

9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	928

**Armed Forces**

9890	Armed Forces
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\* **Code changed from 2000** (In addition to adding of fourth digit)

\* \* **Industry content changed from 2000, name may have changed**

\* \* \* **New industry**

\* \* \* \* **Industry name changed, Content did not**

## Detailed Industry Recodes (01-52)

These codes correspond to Items PRDTIND1 and PRDTIND2 in positions 472-475 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTIND and are located in positions 157-158.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3290
8	Computer and electronic products	3360 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3870
12	Furniture and fixtures manufacturing	3890
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 - 7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580 - 7780
39	Waste management and remediation services	7790
40	Educational services	7860 - 7890
41	Hospitals	8190
42	Health care services, except hospitals	7970 - 8180, 8270, 8290



<b>CODE</b>	<b>DESCRIPTION</b>	<b>INDUSTRY CODE</b>
43	Social assistance	8370 - 8470
44	Arts, entertainment, and recreation	8560 - 8590
45	Accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770 - 8890
48	Personal and laundry services	8970 - 9090
49	Membership associations and organizations	9160 - 9190
50	Private households	9290
51	Public administration	9370 - 9590
52	Armed forces	9890

## Major Industry Recodes (01-14)

These codes correspond to Items PRMJIND1 and PRMJIND2 located in positions 482-485 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJIND and are located in positions 155-156

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining	0370-0490
3	Construction	0770
4	Manufacturing	1070-3990
5	Wholesale and retail trade	4070-5790
6	Transportation and utilities	6070-6390, 0570-0690
7	Information	6470-6780
8	Financial activities	6870-7190
9	Professional and business services	7270-7790
10	Educational and health services	7860-8470
11	Leisure and hospitality	8560-8690
12	Other services	8770-9290
13	Public administration	9370-9590
14	Armed Forces	9890

## ATTACHMENT 10

### OCCUPATION CLASSIFICATION

(Beginning January 2003)

These categories are aggregated into 23 detailed groups and 11 major groups (see page B-15). The codes in the right hand column are the 2002 NAICS equivalent. Changes from the Census 2000 classification are noted by an asterisk (\*).

These codes correspond to Items PEIO1OCD and PEIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item PEIOOCC, and are located in positions 91-94 of the Persons Record.

2002 CENSUS CODE	DESCRIPTION	2000 SOC CODE
<b>Management Occupations</b>		
0010	Chief executives	11-1011
0020	General and operations managers	11-1021
0040	Advertising and promotions managers	11-2011
0050	Marketing and sales managers	11-2020
0060	Public relations managers	11-2031
0100	Administrative services managers	11-3011
0110	Computer and information systems managers	11-3021
0120	Financial managers	11-3031
0130	Human resources managers	11-3040
0140	Industrial production managers	11-3051
0150	Purchasing managers	11-3061
0160	Transportation, storage, and distribution managers	11-3071
0200	Farm, ranch, and other agricultural managers	11-9011
0210	Farmers and ranchers	11-9012
0220	Construction managers	11-9021
0230	Education administrators	11-9030
0300	Engineering managers	11-9041
0310	Food service managers	11-9051
0320	Funeral directors	11-9061
0330	Gaming managers	11-9071
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141
0420	Social and community service managers	11-9151
0430	Managers, all other	11-9199

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**Business and Financial Operations Occupations**

**Business Operations Specialists**

0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Purchasing agents and buyers, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0560	Compliance officers, except agriculture, construction, health and safety, and transportation	13-1041
0600	Cost estimators	13-1051
0620	Human resources, training, and labor relations specialists	13-1070
0700	Logisticians	13-1081
0710	Management analysts	13-1111
0720	Meeting and convention planners	13-1121
0730	Other business operations specialists	13-11XX

**Financial Specialists**

0800	Accountants and auditors	13-2011
0810	Appraisers and assessors of real estate	13-2021
0820	Budget analysts	13-2031
0830	Credit analysts	13-2041
0840	Financial analysts	13-2051
0850	Personal financial advisors	13-2052
0860	Insurance underwriters	13-2053
0900	Financial examiners	13-2061
0910	Loan counselors and officers	13-2070
0930	Tax examiners, collectors, and revenue agents	13-2081
0940	Tax prepares	13-2082
0950	Financial specialists, all other	13-2099

**Computer and Mathematical Occupations**

1000	Computer scientists and systems analysts	15-10XX
1010	Computer programmers	15-1021
1020	Computer software engineers	15-1030
1040	Computer support specialists	15-1041
1060	Database administrators	15-1061
1100	Network and computer systems administrators	15-1071
1110	Network systems and data communications analysts	15-1081
1200	Actuaries	15-2011
1210	Mathematicians	15-2021
1220	Operations research analysts	15-2031
1230	Statisticians	15-2041
1240	Miscellaneous mathematical science occupations	15-2090

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
<b>Architecture and Engineering Occupations</b>		
1300	Architects, except naval	17-1010
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1330	Agricultural engineers	17-2021
1340	Biomedical engineers	17-2031
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1500	Mining and geological engineers, including mining safety engineers	17-2151
1510	Nuclear engineers	17-2161
1520	Petroleum engineers	17-2171
1530	Engineers, all other	17-2199
1540	Drafters	17-3010
1550	Engineering technicians, except drafters	17-3020
1560	Surveying and mapping technicians	17-3031
<b>Life, Physical, and Social Science Occupations</b>		
1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Medical scientists	19-1040
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1740	Environmental scientists and geoscientists	19-2040
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1810	Market and survey researchers	19-3020
1820	Psychologists	19-3030
1830	Sociologists	19-3041
1840	Urban and regional planners	19-3051
1860	Miscellaneous social scientists and related workers	19-3090
1900	Agricultural and food science technicians	19-4011
1910	Biological technicians	19-4021
1920	Chemical technicians	19-4031
1930	Geological and petroleum technicians	19-4041
1940	Nuclear technicians	19-4051
1960	Other life, physical, and social science technicians	19-40XX

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
<b>Community and Social Services Occupations</b>		
2000	Counselors	21-1010
2010	Social workers	21-1020
2020	Miscellaneous community and social service specialists	21-1090
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099
<b>Legal Occupations</b>		
2100	Lawyers, Judges, magistrates, and other judicial workers	23-1011
2140	Paralegals and legal assistants	23-2011
2150	Miscellaneous legal support workers	23-2090
<b>Education, Training, and Library Occupations</b>		
2200	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2030
2330	Special education teachers	25-2040
2340	Other teachers and instructors	25-3000
2400	Archivists, curators, and museum technicians	25-4010
2430	Librarians	25-4021
2440	Library technicians	25-4031
2540	Teacher assistants	25-9041
2550	Other education, training, and library workers	25-90XX
<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>		
2600	Artists and related workers	27-1010
2630	Designers	27-1020
2700	Actors	27-2011
2710	Producers and directors	27-2012
2720	Athletes, coaches, umpires, and related workers	27-2020
2740	Dancers and choreographers	27-2030
2750	Musicians, singers, and related workers	27-2040
2760	Entertainers and performers, sports and related workers, all other	27-2099
2800	Announcers	27-3010
2810	News analysts, reporters and correspondents	27-3020
2820	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043
2860	Miscellaneous media and communication workers	27-3090
2900	Broadcast and sound engineering technicians and radio operators	27-4010

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
2910	Photographers	27-4021
2920	Television, video, and motion picture camera operators and editors	27-4030
2960	Media and communication equipment workers, all other	27-4099
<b>Healthcare Practitioners and Technical Occupations</b>		
3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3060	Physicians and surgeons	29-1060
3110	Physician assistants	29-1071
3120	Podiatrists	29-1081
3130	Registered nurses	29-1111
3140	Audiologists	29-1121
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125
3220	Respiratory therapists	29-1126
3230	Speech-language pathologists	29-1127
3240	Therapists, all other	29-1129
3250	Veterinarians	29-1131
3260	Health diagnosing and treating practitioners, all other	29-1199
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-2021
3320	Diagnostic related technologists and technicians	29-2030
3400	Emergency medical technicians and paramedics	29-2041
3410	Health diagnosing and treating practitioner support technicians	29-2050
3500	Licensed practical and licensed vocational nurses	29-2061
3510	Medical records and health information technicians	29-2071
3520	Opticians, dispensing	29-2081
3530	Miscellaneous health technologists and technicians	29-2090
3540	Other healthcare practitioners and technical occupations	29-9000
<b>Healthcare Support Occupations</b>		
3600	Nursing, psychiatric, and home health aides	31-1010
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3650	Medical assistants and other healthcare support occupations	31-909X

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
<b>Protective Service Occupations</b>		
3700	First-line supervisors/managers of correctional officers	33-1011
3710	First-line supervisors/managers of police and detectives	33-1012
3720	First-line supervisors/managers of fire fighting and prevention workers	33-1021
3730	Supervisors, protective service workers, all other	33-1099
3740	Fire fighters	33-2011
3750	Fire inspectors	33-2020
3800	Bailiffs, correctional officers, and jailers	33-3010
3820	Detectives and criminal investigators	33-3021
3830	Fish and game wardens	33-3031
3840	Parking enforcement workers	33-3041
3850	Police and sheriff's patrol officers	33-3051
3860	Transit and railroad police	33-3052
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3920	Security guards and gaming surveillance officers	33-9030
3940	Crossing guards	33-9091
3950	Lifeguards and other protective service workers	33-909X
<b>Food Preparation and Serving Related Occupations</b>		
4000	Chefs and head cooks	35-1011
4010	First-line supervisors/managers of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011
4050	Combined food preparation and serving workers, including fast food	35-3021
4060	Counter attendants, cafeteria, food concession, and coffee shop	35-3022
4110	Waiters and waitresses	35-3031
4120	Food servers, nonrestaurant	35-3041
4130	Dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031
4160	Food preparation and serving related workers, all other	35-9099
<b>Building and Grounds Cleaning and Maintenance Occupations</b>		
4200	First-line supervisors/managers of housekeeping and janitorial workers	37-1011
4210	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4250	Grounds maintenance workers	37-3010



**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**Personal Care and Service Occupations**

4300	First-line supervisors/managers of gaming workers	39-1010
4320	First-line supervisors/managers of personal service workers	39-1021
4340	Animal trainers	39-2011
4350	Nonfarm animal caretakers	39-2021
4400	Gaming services workers	39-3010
4410	Motion picture projectionists	39-3021
4420	Ushers, lobby attendants, and ticket takers	39-3031
4430	Miscellaneous entertainment attendants and related workers	39-3090
4460	Funeral service workers	39-4000
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4520	Miscellaneous personal appearance workers	39-5090
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-6020
4550	Transportation attendants	39-6030
4600	Child care workers	39-9011
4610	Personal and home care aides	39-9021
4620	Recreation and fitness workers	39-9030
4640	Residential advisors	39-9041
4650	Personal care and service workers, all other	39-9099

**Sales and Related Occupations**

4700	First-line supervisors/managers of retail sales workers	41-1011
4710	First-line supervisors/managers of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives, services, all other	41-3099
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4960	Sales and related workers, all other	41-9099

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**Office and Administrative Support Occupations**

5000	First-line supervisors/managers of office and administrative support workers	43-1011
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5030	Communications equipment operators, all other	43-2099
5100	Bill and account collectors	43-3011
5110	Billing and posting clerks and machine operators	43-3021
5120	Bookkeeping, accounting, and auditing clerks	43-3031
5130	Gaming cage workers	43-3041
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5200	Brokerage clerks	43-4011
5210	Correspondence clerks	43-4021
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Order clerks	43-4151
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Information and record clerks, all other	43-4199
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5520	Dispatchers	43-5030
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and traffic clerks	43-5071
5620	Stock clerks and order fillers	43-5081
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5700	Secretaries and administrative assistants	43-6010
5800	Computer operators	43-9011
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5830	Desktop publishers	43-9031
5840	Insurance claims and policy processing clerks	43-9041

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111
5930	Office and administrative support workers, all other	43-9199

### **Farming, Fishing, and Forestry Occupations**

6000	First-line supervisors/managers of farming, fishing, and forestry workers	45-1010
6010	Agricultural inspectors	45-2011
6020	Animal breeders	45-2021
6040	Graders and sorters, agricultural products	45-2041
6050	Miscellaneous agricultural workers	45-2090
6100	Fishers and related fishing workers	45-3011
6110	Hunters and trappers	45-3021
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

### **Construction Trades**

6200	First-line supervisors/managers of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, and stonemasons	47-2020
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6300	Paving, surfacing, and tamping equipment operators	47-2071
6310	Pile-driver operators	47-2072
6320	Operating engineers and other construction equipment operators	47-2073
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6350	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6420	Painters, construction and maintenance	47-2141
6430	Paperhangers	47-2142
6440	Pipelayers, plumbers, pipefitters, and steamfitters	47-2150
6460	Plasterers and stucco masons	47-2161
6500	Reinforcing iron and rebar workers	47-2171
6510	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator installers and repairers	47-4021
6710	Fence erectors	47-4031

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6750	Septic tank servicers and sewer pipe cleaners	47-4071
6760	Miscellaneous construction and related workers	47-4090
<b>Extraction Workers</b>		
6800	Derrick, rotary drill, and service unit operators, oil, gas, and mining	47-5010
6820	Earth drillers, except oil and gas	47-5021
6830	Explosives workers, ordnance handling experts, and blasters	47-5031
6840	Mining machine operators	47-5040
6910	Roof bolters, mining	47-5061
6920	Roustabouts, oil and gas	47-5071
6930	Helpers--extraction workers	47-5081
6940	Other extraction workers	47-50XX
<b>Installation, Maintenance, and Repair Workers</b>		
7000	First-line supervisors/managers of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7050	Electrical and electronics installers and repairers, transportation equipment	49-2093
7100	Electrical and electronics repairers, industrial and utility	49-209X
7110	Electronic equipment installers and repairers, motor vehicles	49-2096
7120	Electronic home entertainment equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7310	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9042
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7520	Commercial divers	49-9092
7540	Locksmiths and safe repairers	49-9094
7550	Manufactured building and mobile home installers	49-9095
7560	Riggers	49-9096
7600	Signal and track switch repairers	49-9097
7610	Helpers--installation, maintenance, and repair workers	49-9098
7620	Other installation, maintenance, and repair workers	49-909X

### **Production Occupations**

7700	First-line supervisors/managers of production and operating workers	51-1011
7710	Aircraft structure, surfaces, rigging, and systems assemblers	51-2011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Miscellaneous assemblers and fabricators	51-2090
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092
7850	Food cooking machine operators and tenders	51-3093
7900	Computer control programmers and operators	51-4010
7920	Extruding and drawing machine setters, operators, and tenders, metal and plastic	51-4021
7930	Forging machine setters, operators, and tenders, metal and plastic	51-4022
7940	Rolling machine setters, operators, and tenders, metal and plastic	51-4023
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
7960	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	51-4032
8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8010	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034
8020	Milling and planing machine setters, operators, and tenders, metal and plastic	51-4035
8030	Machinists	51-4041
8040	Metal furnace and kiln operators and tenders	51-4050
8060	Model makers and patternmakers, metal and plastic	51-4060
8100	Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070
8120	Multiple machine tool setters, operators, and tenders, metal and plastic	51-4081
8130	Tool and die makers	51-4111
8140	Welding, soldering, and brazing workers	51-4120
8150	Heat treating equipment setters, operators, and tenders, metal and plastic	51-4191
8160	Lay-out workers, metal and plastic	51-4192
8200	Plating and coating machine setters, operators, and tenders, metal and plastic	51-4193
8210	Tool grinders, filers, and sharpeners	51-4194
8220	Metalworkers and plastic workers, all other	51-4199
8230	Bookbinders and bindery workers	51-5010
8240	Job printers	51-5021
8250	Prepress technicians and workers	51-5022

<b>2002 CENSUS CODE</b>	<b>DESCRIPTION</b>	<b>2000 SOC CODE</b>
8260	Printing machine operators	51-5023
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021
8320	Sewing machine operators	51-6031
8330	Shoe and leather workers and repairers	51-6041
8340	Shoe machine operators and tenders	51-6042
8350	Tailors, dressmakers, and sewers	51-6050
8360	Textile bleaching and dyeing machine operators and tenders	51-6061
8400	Textile cutting machine setters, operators, and tenders	51-6062
8410	Textile knitting and weaving machine setters, operators, and tenders	51-6063
8420	Textile winding, twisting, and drawing out machine setters, operators, and tenders	51-6064
8430	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	51-6091
8440	Fabric and apparel patternmakers	51-6092
8450	Upholsterers	51-6093
8460	Textile, apparel, and furnishings workers, all other	51-6099
8500	Cabinetmakers and bench carpenters	51-7011
8510	Furniture finishers	51-7021
8520	Model makers and patternmakers, wood	51-7030
8530	Sawing machine setters, operators, and tenders, wood	51-7041
8540	Woodworking machine setters, operators, and tenders, except sawing	51-7042
8550	Woodworkers, all other	51-7099
8600	Power plant operators, distributors, and dispatchers	51-8010
8610	Stationary engineers and boiler operators	51-8021
8620	Water and liquid waste treatment plant and system operators	51-8031
8630	Miscellaneous plant and system operators	51-8090
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Medical, dental, and ophthalmic laboratory technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9130
8840	Semiconductor processors	51-9141
8850	Cementing and gluing machine operators and tenders	51-9191
8860	Cleaning, washing, and metal pickling equipment operators and tenders	51-9192
8900	Cooling and freezing equipment operators and tenders	51-9193
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197
8950	Helpers--production workers	51-9198
8960	Production workers, all other	51-9199

**2002  
CENSUS  
CODE**

**DESCRIPTION**

**2000  
SOC  
CODE**

**Transportation and Material Moving Occupations**

9000	Supervisors, transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9120	Bus drivers	53-3020
9130	Driver/sales workers and truck drivers	53-3030
9140	Taxi drivers and chauffeurs	53-3041
9150	Motor vehicle operators, all other	53-3099
9200	Locomotive engineers and operators	53-4010
9230	Railroad brake, signal, and switch operators	53-4021
9240	Railroad conductors and yardmasters	53-4031
9260	Subway, streetcar, and other rail transportation workers	53-30XX
9300	Sailors and marine oilers	53-5011
9310	Ship and boat captains and operators	53-5020
9330	Ship engineers	53-5031
9340	Bridge and lock tenders	53-6011
9350	Parking lot attendants	53-6021
9360	Service station attendants	53-6031
9410	Transportation inspectors	53-6051
9420	Other transportation workers	53-60XX
9500	Conveyor operators and tenders	53-7011
9510	Crane and tower operators	53-7021
9520	Dredge, excavating, and loading machine operators	53-7030
9560	Hoist and winch operators	53-7041
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9730	Shuttle car operators	53-7111
9740	Tank car, truck, and ship loaders	53-7121
9750	Material moving workers, all other	53-7199

**Armed Forces**

\*9840 Armed Forces

\* Code change from 2000

## Detailed Occupation Recodes (01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-DTOCC and are located in positions 161-162.

<b>CODE</b>	<b>CODE DESCRIPTION</b>	<b>OCCUPATION CODE</b>
1	Management occupations	0010-0430
2	Business and financial operations occupations	0500-0950
3	Computer and mathematical science occupations	1000-1240
4	Architecture and engineering occupations	1300-1560
5	Life, physical, and social science occupations	1600-1960
6	Community and social service occupation	2000-2060
7	Legal occupations	2100-2150
8	Education, training, and library occupations	2200-2550
9	Arts, design, entertainment, sports, and media occupations	2600-2960
10	Healthcare practitioner and technical occupations	3000-3540
11	Healthcare support occupations	3600-3650
12	Protective service occupations	3700-3950
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4250
15	Personal care and service occupations	4300-4650
16	Sales and related occupations	4700-4960
17	Office and administrative support occupations	5000-5930
18	Farming, fishing, and forestry occupations	6000-6130
19	Construction and extraction occupations	6200-6940
20	Installation, maintenance, and repair occupations	7000-7620
21	Production occupations	7700-8960
22	Transportation and material moving occupations	9000-9750
23	Armed Forces	9840



Major Occupation Group Recodes  
(01-11)

These codes correspond to Items PRMJ OCC1 and PRMJ OCC2 located in positions 486-489 of the Basic CPS record layout in all months **except** March. In **March**, these codes correspond to Item A-MJ OCC and are located in positions 159-160.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0950
2	Professional and related occupations	1000-3540
3	Service occupations	3600-4650
4	Sales and related occupations	4700-4960
5	Office and administrative support occupations	5000-5930
6	Farming, fishing, and forestry occupations	6000-6130
7	Construction and extraction occupations	6200-6940
8	Installation, maintenance, and repair occupations	7000-7620
9	Production occupations	7700-8960
10	Transportation and material moving occupations	9000-9750
11	Armed Forces	9840

## **ATTACHMENT 11**

### **Specific Metropolitan Identifiers**

#### **(Geographic Attachment for CPS Public Use File Documentation Beginning August 2005)**

List 1. FIPS Metropolitan Area (CBSA) Codes

List 2. FIPS Consolidated Statistical Area (CSA) Codes

List 3. Individual Principal Cities

List 4. FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the June 30, 2003 OMB definitions.

## LIST 1: FIPS METROPOLITAN AREA (CBSA) CODES

Unless otherwise noted, Metropolitan Areas are defined using June 30, 2003 OMB definitions. In the New England states, the New England City and Town Area definitions are used to define Metropolitan Areas rather than the county based definitions.

FIPS Code	Metropolitan (CBSA) TITLE
10500	Albany, GA (Baker, Terrell, and Worth Counties not in sample)
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11020	Altoona, PA
11100	Amarillo, TX (Armstrong and Carson Counties not in sample)
11300	Anderson, IN
11340	Anderson, SC
11460	Ann Arbor, MI
11500	Anniston-Oxford, AL
11540	Appleton, WI
11700	Asheville, NC (Haywood and Madison Counties not in sample)
12020	Athens-Clarke County, GA (Oglethorpe County not in sample)
12060	Atlanta-Sandy Springs-Marietta, GA (Haralson, Heard, Jasper, Meriwether and Spalding Counties not in sample)
12100	Atlantic City, NJ
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Towson, MD
12940	Baton Rouge, LA
13140	Beaumont-Port Arthur, TX
13380	Bellingham, WA
13460	Bend, OR
13740	Billings, MT (Carbon County not in sample)
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
14020	Bloomington, IN (Owen County not in sample)
14060	Bloomington-Normal IL
14260	Boise City-Nampa, ID (Owyhee County not in sample)
14500	Boulder, CO
14540	Bowling Green, KY
14740	Bremerton-Silverdale, WA
15180	Brownsville-Harlingen, TX
15380	Buffalo-Niagara Falls, NY
15940	Canton-Massillon, OH

FIPS Code	Metropolitan (CBSA) TITLE
15980	Cape Coral-Fort Myers, FL
16300	Cedar Rapids, IA (Benton and Jones Counties not in sample)
16580	Champaign-Urbana, IL (Ford County not in sample)
16620	Charleston, WV (Clay County not in sample)
16700	Charleston-North Charleston, SC
16740	Charlotte-Gastonia-Concord, NC-SC (Anson County, NC not in sample)
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Joliet, IL-IN-WI (DeKalb, IL; Jasper, IN; and Kenosha, WI Counties not in sample)
17020	Chico, CA
17140	Cincinnati-Middletown, OH-KY-IN (Franklin County , IN not in sample; Dearborn and Ohio Counties, IN not identified)
17460	Cleveland-Elyria-Mentor, OH
17660	Coeur d'Alene, ID
17820	Colorado Springs, CO
17860	Columbia, MO (Howard County not in sample)
17900	Columbia, SC
17980	Columbus, GA-AL (Harris County, GA and Russell County, Alabama not in sample)
18140	Columbus, OH (Morrow County not in sample)
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX (Delta and Hunt Counties not in sample)
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19460	Decatur, AL
19500	Decatur, IL
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora, CO
19780	Des Moines, IA
19820	Detroit-Warren-Livonia, MI
20100	Dover, DE
20260	Duluth, MN-WI (Carlton County, MN not in sample, WI portion not identified)
20500	Durham, NC
20740	Eau Claire, WI
20940	El Centro, CA
21340	El Paso, TX
21500	Erie, PA
21660	Eugene-Springfield, OR
21780	Evansville, IN-KY (Gibson County, IN and Kentucky portion not in sample)
22020	Fargo, ND-MN (MN portion not identified)
22140	Farmington, NM

FIPS Code	Metropolitan (CBSA) TITLE
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO (Madison County, AR and Missouri portion not in sample)
22420	Flint, MI
22460	Florence, AL
22660	Fort Collins-Loveland, CO
22900	Fort Smith, AR-OK (Oklahoma portion not in sample)
23020	Fort Walton Beach-Crestview-Destin, FL
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL (Gilchrist County not in sample)
24340	Grand Rapids-Wyoming, MI
24540	Greeley, CO
24580	Green Bay, WI (Oconto County not in sample)
24660	Greensboro-High Point, NC
24860	Greenville, SC (Laurens and Pickens Counties not in sample)
25060	Gulfport-Biloxi, MS (Stone County not in sample)
25180	Hagerstown-Martinsburg, MD-WV (Berkeley County, WV not identified and Morgan County, WV not in sample)
25420	Harrisburg-Carlisle, PA
25500	Harrisonburg, VA
25860	Hickory-Morganton-Lenoir, NC (Caldwell County not in sample)
26100	Holland-Grand Haven, MI
26180	Honolulu, HI
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH (Kentucky and Ohio portions not identified)
26620	Huntsville, AL
26900	Indianapolis, IN
26980	Iowa City, IA (Washington County not in sample)
27100	Jackson, MI
27140	Jackson, MS
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville, WI
27740	Johnson City, TN
27780	Johnstown, PA
27900	Joplin, MO
28020	Kalamazoo-Portage, MI
28100	Kankakee-Bradley, IL
28140	Kansas City, MO-KS (Franklin, KS; Leavenworth, KS; Linn, KS; Bates, MO; and Caldwell, MO Counties not in sample)
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA (Virginia portion not identified)

FIPS Code	Metropolitan (CBSA) TITLE
28740	Kingston, NY
28940	Knoxville, TN (Anderson County not in sample)
29100	La Crosse, WI-MN (Houston County not in sample)
29180	Lafayette, LA
29340	Lake Charles, LA (Cameron Parish not in sample)
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI
29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
29940	Lawrence, KS
30020	Lawton, OK
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR (Perry County not in sample)
30980	Longview, TX (Rusk and Upshur Counties not in sample)
31100	Los Angeles-Long Beach-Santa Ana, CA
31140	Louisville, KY-IN (Washington, IN; Henry, KY; Nelson, KY; Shelby, KY; and Trimble, KY Counties not in sample)
31180	Lubbock, TX (Crosby County not in sample)
31340	Lynchburg, VA (Appomattox and Bedford Counties and Bedford City not In sample)
31420	Macon,, GA (Crawford, Monroe, and Twiggs Counties not in sample)
31460	Madera, CA
31540	Madison, WI (Iowa County not in sample)
32580	McAllen-Edinburg-Pharr, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR (Arkansas portion not identified and Tunica County, MS not in sample)
32900	Merced, CA
33100	Miami-Fort Lauderdale-Miami Beach, FL
33140	Michigan City-La Porte, IN
33260	Midland, TX
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI (Wisconsin portion not identified)
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
33780	Monroe, MI
33860	Montgomery, AL
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC
34900	Napa, CA

FIPS Code	Metropolitan (CBSA) TITLE
34940	Naples-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN (Cannon, Hickman and Macon Counties not in sample)
35380	New Orleans-Metairie-Kenner, LA
35620	New York-Northern New Jersey-Long Island, NY-NJ-PA (Pennsylvania portion not in sample. White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
36100	Ocala, FL
36140	Ocean City, NJ
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36500	Olympia, WA
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL
37460	Panama City-Lynn Haven, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38300	Pittsburgh, PA
38900	Portland-Vancouver-Beaverton, OR-WA (Yamhill County, OR not in sample)
38940	Port St. Lucie-Fort Pierce, FL
39100	Poughkeepsie-Newburgh-Middletown, NY
39140	Prescott, AZ
39340	Provo-Orem, UT (Juab County not in sample)
39380	Pueblo, CO
39460	Punta Gorda, FL
39540	Racine, WI
39580	Raleigh-Cary, NC
39740	Reading, PA
39900	Reno-Sparks, NV
40060	Richmond, VA (Cumberland County not in sample)
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA (Craig and Franklin Counties not in sample)
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade--Roseville, CA
40980	Saginaw-Saginaw Township North, MI
41060	St. Cloud, MN

FIPS Code	Metropolitan (CBSA) TITLE
41180	St. Louis, MO-IL (Calhoun County, IL not in sample)
41420	Salem, OR
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT (Tooele County not in sample)
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42060	Santa Barbara-Santa Maria-Goleta, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42220	Santa Rosa-Petaluma, CA
42260	Sarasota-Bradenton-Venice, FL
42340	Savannah, GA
42540	Scranton-Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI (Michigan portion not identified)
43900	Spartanburg, SC
44060	Spokane, WA
44100	Springfield, IL
44180	Springfield, MO (Dallas and Polk Counties not in sample)
44220	Springfield, OH
44700	Stockton, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45780	Toledo, OH (Ottawa County not in sample)
45820	Topeka, KS (Jackson and Jefferson Counties not in sample)
45940	Trenton-Ewing, NJ
46060	Tucson, AZ
46140	Tulsa, OK (Okmulgee County not in sample)
46220	Tuscaloosa, AL (Greene and Hale Counties not in sample)
46540	Utica-Rome, NY
46660	Valdosta, GA (Lanier County not in sample)
46700	Vallejo-Fairfield, CA
46940	Vero Beach, FL
47020	Victoria, TX
47220	Vineland-Millville-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC (North Carolina portion not identified)



FIPS Code	Metropolitan (CBSA) TITLE
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV (West Virginia portion not identified. Reston central city recoded to balance of metropolitan.)
47940	Waterloo-Cedar Falls, IA (Grundy County not in sample)
48140	Wausau, WI
48620	Wichita, KS
49180	Winston-Salem, NC
49420	Yakima, WA
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA (Pennsylvania portion not in sample)
70750	Bangor, ME
70900	Barnstable Town, MA
71650	Boston-Cambridge-Quincy, MA-NH
71950	Bridgeport-Stamford-Norwalk, CT
72400	Burlington-South Burlington, VT
72850	Danbury, CT
73450	Hartford-West Hartford-East Hartford, CT
74500	Leominster-Fitchburg-Gardner, MA
75700	New Haven, CT
76450	Norwich-New London, CT-RI (RI portion recoded to Providence NECTA)
76750	Portland-South Portland, ME
77200	Providence-Fall River-Warwick, RI-MA
77350	Rochester-Dover, NH-ME (Maine portion not identified)
78100	Springfield, MA-CT (Connecticut portion not identified)
78700	Waterbury, CT
79600	Worcester, MA-CT (Connecticut portion not identified)

## LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA. See the component CBSA listing for any notes concerning the areas in sample and identified on the files.

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
118	11540 36780	Appleton-Oshkosh-Neenah, WI Appleton, WI Oshkosh-Neenah, WI
176	16980 28100 33140	Chicago-Naperville-Michigan City, IL-IN-WI (part) Chicago-Naperville-Joliet, IL-IN-WI Kankakee-Bradley, IL Michigan City-LaPorte, IN
184	10420 17460	Cleveland-Akron-Elyria, OH (part) Akron, OH Cleveland-Elyria-Mentor, OH
212	19380 44220	Dayton-Springfield-Greenville, OH (part) Dayton, OH Springfield, OH
216	14500 19740	Denver-Aurora-Boulder, CO Boulder, CO Denver-Aurora, CO
220	11460 19820 22420 33780	Detroit-Warren-Flint, MI Ann Arbor, MI Detroit-Warren-Livonia, MI Flint, MI Monroe, MI
260	23420 31460	Fresno-Madera, CA Fresno, CA Madera, CA

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
266		Grand Rapids-Muskegon-Holland, MI (part)
	24340	Grand Rapids-Wyoming, MI
	26100	Holland-Grand Haven, MI
	34740	Muskegon-Norton Shores, MI
268		Greensboro--Winston-Salem--High Point, NC (part)
	24660	Greensboro-High Point, NC
	49180	Winston-Salem, NC
272		Greenville-Anderson-Seneca, SC (part)
	11340	Anderson, SC
	24860	Greenville, SC
290		Huntsville-Decatur, AL
	19460	Decatur, AL,
	26620	Huntsville, AL
294		Indianapolis-Anderson-Columbus, IN (part)
	11300	Anderson, IN
	26900	Indianapolis, IN
304		Johnson City-Kingsport-Bristol, TN-VA (part)
	27740	Johnson City, TN
	28700	Kingsport-Bristol, TN-VA
348		Los Angeles-Long Beach-Riverside, CA
	31100	Los Angeles-Long Beach-Santa Ana, CA
	37100	Oxnard-Thousand Oaks-Ventura, CA
	40140	Riverside-San Bernardino-Ontario, CA
356		Macon-Warner Robins-Fort Valley, GA (part)
	31420	Macon, GA
	47580	Warner Robins, GA
376		Milwaukee-Racine-Waukesha, WI
	33340	Milwaukee-Waukesha-West Allis, WI
	39540	Racine, WI

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
378	33460 41060	Minneapolis-St. Paul-Bloomington, MN-WI (part) Minneapolis-St. Paul-Bloomington, MN St. Cloud, MN
408	71950 28740 75700 35620 39100 45940	New York-Newark-Bridgeport, NY-NJ-CT-PA (part) Bridgeport-Stamford-Norwalk, CT NECTA* Kingston, NY New Haven, CT NECTA* New York-Newark-Edison, NY-NJ-PA Poughkeepsie-Newburgh-Middletown, NY Trenton-Ewing, NJ
428	37980 47220	Philadelphia-Camden-Vineland, PA-NJ-DE-MD (part) Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Vineland-Millville-Bridgeton, NJ
450	20500 39580	Raleigh-Durham-Cary, NC (part) Durham, NC Raleigh-Cary, NC
472	40900	Sacramento-Arden-Arcade-Truckee, CA-NV (part) Sacramento-Arden-Arcade-Roseville, CA
482	36260 41620	Salt Lake City-Ogden-Clearfield, UT (part) Ogden-Clearfield, UT Salt Lake City, UT
488	34900 41860 41949 42100 42220 46700	San Jose-San Francisco-Oakland, CA Napa, CA San Francisco-Oakland-Fremont, CA San Jose-Sunnyvale-Santa Clara, CA Santa Cruz-Watsonville, CA Santa Rosa-Petaluma, CA Vallejo-Fairfield, CA
500	14740 36500 42660	Seattle-Tacoma-Olympia, WA part Bremerton-Silverdale, WA Olympia, WA Seattle-Tacoma-Bellevue, WA
548	12580 47900	Washington-Baltimore-Northern Virginia, DC-MD-VA-WV (part) Baltimore-Towson, MD Washington-Arlington-Alexandria, DC-VA-MD-WV

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
715		Boston-Worcester-Manchester, MA-NH-CT-ME (part) (The Manchester, NH and Portsmouth, NH-ME NECTA's are not individually identified on the files, but these records are coded as being in the Combined New England City and Town Areas {CNECTA}. The Connecticut and Maine portions of this CNECTA are not identified.)
	71650	Boston-Cambridge-Quincy, MA-NH NECTA
	74500	Leominster-Fitchburg-Gardner, MA NECTA
	79600	Worcester, MA-CT NECTA
720		Bridgeport-New Haven-Stamford, CT
	71950	Bridgeport-Stamford-Norwalk, CT NECTA*
	72850	Danbury, CT NECTA
	75700	New Haven, CT NECTA*
	78700	Waterbury, CT NECTA

\* These 2 NECTA's appear in both the New York City CSA (using the county based CBSA definitions) and the Bridgeport-New Haven-Stamford CNECTA (using the NECTA definitions). They are coded on the public use file in the GTCSA field as being in the Bridgeport-New Haven-Stamford CNECTA. If you want to add them to the New York City CSA, you'll need to add them in using the appropriate GTCBSA codes.

### List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

CBSA Code	Title City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ	
	Phoenix	1
	Mesa	2
	Scottsdale	3
	Tempe	4
31100	Los Angeles-Long Beach-Santa Ana, CA	
	Los Angeles County	
	Los Angeles	1
	Long Beach	2
	Glendale	3
	Pomona	4
	Torrance	5
	Pasadena	6
	Burbank	7
	Orange County	
	Santa Ana	1
	Anaheim	2
	Irvine	3
	Orange	4
	Fullerton	5
	Costa Mesa	6
37100	Oxnard-Thousand Oaks-Ventura, CA	
	Oxnard	1
	Thousand Oaks	2
40140	Riverside-San Bernardino-Ontario, CA	
	Riverside	1
	San Bernardino	2
	Ontario	3
40900	Sacramento-Arden-Arcade-Roseville, CA	
	Sacramento	1
41740	San Diego-Carlsbad-San Marcos, CA	
	San Diego	1

CBSA Code	Title City	GTINDVPC
41860	San Francisco-Oakland-Fremont, CA	
	San Francisco County	
	San Francisco	1
	Alameda County	
	Oakland	1
	Fremont	2
	Hayward	3
	Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
71950	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2
73450	Hartford-West Hartford-East Hartford, CT	
	Hartford	1
19740	Denver-Aurora, CO	
	Denver	1
33100	Miami-Fort Lauderdale-Miami Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	Pinellas County	
	St. Petersburg	1
12060	Atlanta-Sandy Springs-Marietta, GA	
	Atlanta	1
16980	Chicago-Naperville-Joliet, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3

CBSA Code	Title City	GTINDVPC
28140	Kansas City, MO-KS Kansas portion Kansas City Overland Park	  1 2
35380	New Orleans-Metairie-Kenner, LA New Orleans	 1
71650	Boston-Cambridge-Quincy, MA-NH Massachusetts portion Boston Cambridge	  1 2
19820	Detroit-Warren-Livonia, MI Wayne County Detroit Livonia Macomb County Warren	  1 2  1
33460	Minneapolis-St., Paul-Bloomington, MN-WI Minneapolis	 1
29820	Las Vegas-Paradise, NV Las Vegas Paradise	 1 2
35620	New York-Northern New Jersey-Long Island, NY-NJ-PA New Jersey portion Newark	  1
15380	Buffalo-Niagara Falls, NY Buffalo	 1
16740	Charlotte-Gastonia-Concord, NC-SC Charlotte	 1
77200	Providence-Fall River-Warwick, RI-MA Rhode Island portion Providence	  1



CBSA Code	Title City	GTINDVPC
19100	Dallas-Fort Worth-Arlington, TX	
	Dallas	1
	Fort Worth	2
	Carrollton	3
	Plano	4
	Irving	5
	Arlington	6
26420	Houston-Baytown-Sugar Land, TX	
	Houston	1
32580	McAllen-Edinburg-Pharr, TX	
	McAllen	1
47260	Virginia Beach-Norfolk-Newport News, VA-NC	
	Virginia portion	
	Virginia Beach	1
	Norfolk	2
	Newport News	3
	Hampton	4
	Portsmouth	5
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV	
	Virginia portion only	
	Arlington	1
	Alexandria	2
42660	Seattle-Tacoma-Bellevue, WA	
	Seattle	1
	Tacoma	2
	Bellevue	3
33340	Milwaukee-Waukesha-West Allis, WI	
	Milwaukee	1

### **List 4: FIPS County Codes**

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state.

<b>FIPS County Code</b>	<b>County Name</b>	<b>State</b>
<b>Alabama</b>		
003	Baldwin*	
015	Calhoun	
073	Jefferson	
097	Mobile	
117	Shelby	
<b>Arizona</b>		
003	Cochise*	
013	Maricopa	
015	Mohave*	
019	Pima	
021	Pinal	
025	Yavapai	
<b>Arkansas</b>		
119	Pulaski	
<b>California</b>		
001	Alameda	
007	Butte	
017	El Dorado	
019	Fresno	
025	Imperial	
029	Kern	
037	Los Angeles	
039	Madera	
047	Merced	
053	Monterey	
055	Napa	
059	Orange	
061	Placer	
067	Sacramento	
071	San Bernardino	

FIPS County Code	County Name	State
073	San Diego	
075	San Francisco	
077	San Joaquin	
079	San Luis Obispo	
081	San Mateo	
083	Santa Barbara	
087	Santa Cruz	
095	Solano	
097	Sonoma	
099	Stanislaus	
107	Tulare	
111	Ventura	
113	Yolo	

#### **Colorado**

013	Boulder
031	Denver
035	Douglas
059	Jefferson
069	Larimer
101	Pueblo
123	Weld

#### **Delaware**

001	Kent
003	New Castle
005	Sussex*

#### **District of Columbia**

001	District of Columbia
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#### **Florida**

001	Alachua
005	Bay
009	Brevard
011	Broward
015	Charlotte
019	Clay
021	Collier
053	Hernando
057	Hillsborough

FIPS County Code	County Name	State
061	Indian River	
069	Lake	
071	Lee	
083	Marion	
086	Miami-Dade	
091	Okaloosa	
095	Orange	
097	Osceola	
099	Palm Beach	
101	Pasco	
103	Pinellas	
105	Polk	
109	St. Johns	
117	Seminole	
127	Volusia	

#### **Georgia**

057	Cherokee	
063	Clayton	
135	Gwinnett	
151	Henry	
153	Houston	

#### **Hawaii**

001	Hawaii*	
003	Honolulu	

#### **Idaho**

055	Kootenai	
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#### **Illinois**

091	Kankakee	
099	LaSalle	
111	McHenry	
113	McLean	
115	Macon	
119	Madison	
163	St. Clair	
179	Tazewell	

#### **Indiana**

FIPS County Code	County Name	State
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057	Hamilton	
063	Hendricks	
081	Johnson	
089	Lake	
091	LaPorte	
095	Madison	
141	St. Joseph	

#### **Iowa**

103	Johnson	
113	Linn	
153	Polk	
163	Scott	

#### **Kansas**

045	Douglas	
173	Sedgwick	

#### **Kentucky**

067	Fayette	
111	Jefferson	
117	Kenton	

#### **Louisiana**

019	Calcasieu	
033	East Baton Rouge	
051	Jefferson	
071	Orleans	
103	St. Tammany	

#### **Maine**

011	Kennebec	
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FIPS County Code	County Name	State
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### **Maryland**

003	Anne Arundel	
013	Carroll	
017	Charles	
025	Harford	
027	Howard	
033	Prince Georges	
043	Washington	

### **Michigan**

005	Allegan*	
021	Berrien	
049	Genesee	
075	Jackson	
081	Kent	
099	Macomb	
115	Monroe	
121	Muskegon	
125	Oakland	
139	Ottawa	
145	Saginaw	
147	St. Clair	
161	Washtenaw	
163	Wayne	

### **Minnesota**

003	Anoka	
037	Dakota	
123	Ramsey	
137	St. Louis	
163	Washington	

### **Missouri**

019	Boone	
099	Jefferson	
189	St. Louis	

FIPS County Code	County Name	State
		<b>Montana</b>
111	Yellowstone	
		<b>Nebraska</b>
153	Sarpy	
		<b>Nevada</b>
003	Clark	
		<b>New Jersey</b>
001	Atlantic	
003	Bergen	
005	Burlington	
007	Camden	
011	Cumberland	
013	Essex	
017	Hudson	
019	Hunterdon	
021	Mercer	
025	Monmouth	
027	Morris	
029	Ocean	
035	Somerset	
037	Sussex	
041	Warren	
		<b>New Mexico</b>
001	Bernalillo	
013	Dona Ana	
045	San Juan	
049	Santa Fe	

FIPS County Code	County Name	State
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**New York**

005	Bronx
013	Chautauqua*
027	Dutchess
047	Kings
055	Monroe
059	Nassau
061	New York
067	Onondaga
069	Ontario
071	Orange
081	Queens
085	Richmond
103	Suffolk
111	Ulster
119	Westchester

**North Carolina**

057	Davidson*
067	Forsyth
097	Iredell*
119	Mecklenburg
133	Onslow
155	Robeson*
179	Union
183	Wake

**North Dakota**

017	Cass
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FIPS County Code	County Name	State
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**Ohio**

023	Clark	
025	Clermont	
029	Columbiana*	
035	Cuyahoga	
041	Delaware	
045	Fairfield	
049	Franklin	
089	Licking	
095	Lucas	
103	Medina	
133	Portage	
153	Summit	
165	Warren	
169	Wayne*	

**Oklahoma**

031	Comanche	
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**Oregon**

017	Deschutes	
029	Jackson	
039	Lane	
043	Linn*	

FIPS County Code	County Name	State
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**Pennsylvania**

003	Allegheny
007	Beaver
013	Blair
011	Berks
017	Bucks
019	Butler
021	Cambria
029	Chester
045	Delaware
049	Erie
055	Franklin*
071	Lancaster
089	Monroe*
091	Montgomery
101	Philadelphia
125	Washington
129	Westmoreland
133	York

**South Carolina**

007	Anderson
045	Greenville
051	Horry
063	Lexington
079	Richland
083	Spartanburg

**Tennessee**

093	Knox
165	Sumner
187	Williamson

FIPS County Code	County Name	State
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**Texas**

029	Bexar
039	Brazoria
139	Ellis
141	El Paso
183	Gregg
215	Hidago
251	Johnson
303	Lubbock
309	McLennan
329	Midland
439	Tarrant
479	Webb

**Utah**

049	Utah
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**Virginia**

013	Arlington
041	Chesterfield
059	Fairfax
087	Henrico
107	Loudoun
153	Prince William
510	Alexandria City
550	Chesapeake City
650	Hampton City
700	Newport News City
710	Norfolk City
740	Portsmouth City
760	Richmond City
810	Virginia Beach City

**Washington**

033	King
035	Kitsap
063	Spokane
067	Thurston
073	Whatcom
077	Yakima

FIPS County Code	County Name	State
		<b>Wisconsin</b>

063	La Crosse
073	Marathon
101	Racine
105	Rock
139	Winnebago

\* Counties marked with an asterisk (\*) are also single county Micropolitan Statistical Areas. They are not otherwise identified on the files. A list of such areas on the file is as follows:

CBSA Code	Title	County Name	County Code
10540	Albany-Lebanon, OR	Linn	043
10880	Allegan, MI	Allegan	005
16540	Chambersburg, PA	Franklin	055
19300	Daphne-Fairhope, AL	Baldwin	003
20620	East Liverpool-Salem, OH	Columbiana	029
20700	East Stroudsburg, PA	Monroe	089
25900	Hilo, HI	Hawaii	001
27460	Jamestown-Dunkirk-Fredonia, NY	Chautauqua	013
29420	Lake Havasu City-Kingman, AZ	Mohave	015
30540	Lexington-Thomasville, NC	Davidson	057
31300	Lumberton, NC	Robeson	155
42580	Seaford, DE	Sussex	005
43420	Sierra Vista-Douglas, AZ	Cochise	003
44380	Statesville-Mooresville, NC	Iredell	097
49300	Wooster, OH	Wayne	169

## ATTACHMENT 12

### 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 wage does not exceed an annualized wage of \$150,000 (\$2885.00 per week). Below is a list of the appropriate topcode

Hours	Topcode	Hours	Topcode	Hours	Topcode
1	None	34	\$84.85	67	\$43.06
2	None	35	\$82.43	68	\$42.43
3	None	36	\$80.14	69	\$41.81
4	None	37	\$77.97	70	\$41.21
5	None	38	\$75.92	71	\$40.63
6	None	39	\$73.97	72	\$40.07
7	None	40	\$72.13	73	\$39.52
8	None	41	\$70.37	74	\$38.99
9	None	42	\$68.69	75	\$38.47
10	None	43	\$67.09	76	\$37.96
11	None	44	\$65.57	77	\$37.47
12	None	45	\$64.11	78	\$36.99
13	None	46	\$62.72	79	\$36.52
14	None	47	\$61.38	80	\$36.06
15	None	48	\$60.10	81	\$35.62
16	None	49	\$58.88	82	\$35.18
17	None	50	\$57.70	83	\$34.76
18	None	51	\$56.57	84	\$34.35
19	None	52	\$55.48	85	\$33.94
20	None	53	\$54.43	86	\$33.55
21	None	54	\$53.43	87	\$33.16
22	None	55	\$52.45	88	\$32.78
23	None	56	\$51.52	89	\$32.42
24	None	57	\$50.61	90	\$32.06
25	None	58	\$49.74	91	\$31.70
26	None	59	\$48.90	92	\$31.36
27	None	60	\$48.08	93	\$31.02
28	None	61	\$47.30	94	\$30.69
29	\$99.48	62	\$46.53	95	\$30.37
30	\$96.17	63	\$45.79	96	\$30.05
31	\$93.06	64	\$45.08	97	\$29.74
32	\$90.16	65	\$44.38	98	\$29.44
33	\$87.42	66	\$43.71	99	\$29.14

## ATTACHMENT 13

### CURRENT POPULATION SURVEY

#### May 2008 Public Participation in the Arts Supplement Selected Unweighted Tallies

NOTE: Screen adult female items using PRPERTYP = 2, PESEX= 2, and PEAGE = 15-44 to match the universes for the items listed.

<u>ITEM</u>	<u>VALUE</u>	<u>TALLIES</u>
PEQ1A	1 Yes	1,549
	2 No	16,841
	-2 Don't Know	54
	-3 Refused	0
	-9 No Response	0
PEQ1B	1	622
	2	423
	3	192
	4	95
	5	55
	6	43
	7	12
	8	22
	9	1
	10	27
	11	1
	12	17
	14	2
	15	6
	20	4
	24	7
	25	2
	26	1
	48	1
	52	1
	60	1
	-2 Don't Know	10
	-3 Refused	3
	-9 No Response	1

<u>ITEM</u>	<u>VALUE</u>		<u>TALLIES</u>
PEQ2A	1	Yes	432
	2	No	9,635
	-2	Don't Know	32
	-3	Refused	3
	-9	No Response	12
PEQ2B	1		227
	2		103
	3		32
	4		15
	5		10
	6		12
	8		2
	9		1
	10		7
	12		6
	20		2
	24		1
	25		1
	48		1
	50		1
	52		2
	97		2
	-2	Don't Know	7
	-3	Refused	0
	-9	No Response	0
PEQ3A	1	Yes	1,844
	2	No	16,499
	-2	Don't Know	50
	-3	Refused	14
	-9	No Response	37

<u>ITEM</u>	<u>VALUE</u>		<u>TALLIES</u>
PEQ3B	1		782
	2		457
	3		206
	4		115
	5		59
	6		84
	7		7
	8		22
	9		2
	10		22
	11		1
	12		35
	14		1
	15		17
	20		4
	24		3
	26		1
	30		4
	40		1
	52		1
	60		1
	2	Don't Know	19
	-3	Refused	0
	-9	No Response	0
PEA1A	1	Yes	2,204
	2	No	3,204
	-2	Don't Know	39
	-3	Refused	37
	-9	No Response	58
PEA1B	1	Yes	766
	2	No	4,636
	-2	Don't Know	44
	-3	Refused	39
	-9	No Response	57
PEA2	1	Yes	545
	2	No	4,866
	-2	Don't Know	33
	-3	Refused	37
	-9	No Response	61



<b><u>ITEM</u></b>	<b><u>VALUE</u></b>		<b><u>TALLIES</u></b>
PEA31	1	Yes	1,829
	2	No	3,541
	-2	Don't Know	63
	-3	Refused	45
	-9	No Response	0
PEA32	1	Yes	1,192
	2	No	4,178
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	0
PEB1A	1	Yes	3,777
	2	No	1,786
	-2	Don't Know	22
	-3	Refused	44
	-9	No Response	71
PEB1B	1	At least once a day	2,699
	2	At least once a week but not every day	773
	3	At least once a month but not every week	161
	4	Or less than once a month	114
	-2	Don't Know	21
	-3	Refused	8
	-9	No Response	1
PEB2A	1	Yes	1,077
	2	No	2,671
	-2	Don't Know	19
	-3	Refused	9
	-9	No Response	1
PEB2B	1	Once a week	530
	2	At least a month	315
	3	Once a month	225
	-2	Don't Know	7
	-3	Refused	0
	-9	No Response	0

<u>ITEM</u>	<u>VALUE</u>	<u>TALLIES</u>
PEC1A	0	560
	1	1,724
	2	2,709
	3	1,818
	4	1,328
	5	587
	6	403
	7	70
	8	198
	9	12
	10	123
	11	7
	12	72
	13	1
	14	11
	15	11
	16	10
	18	3
	19	2
	20	8
	21	1
	22	1
	24	8
	-2 Don't Know	320
	-3 Refused	125
	-9 No Response	182
PEC2A	1 Yes	5,214
	2 No	4,723
	-2 Don't Know	60
	-3 Refused	110
	-9 No Response	187
PEC3A	1 Yes	2,532
	2 No	7,426
	-2 Don't Know	47
	-3 Refused	94
	-9 No Response	195
PED1A	1 Yes	2,401
	2 No	4,158
	-2 Don't Know	53
	-3 Refused	74
	-9 No Response	122

<b><u>ITEM</u></b>	<b><u>VALUE</u></b>		<b><u>TALLIES</u></b>
PED1B	1	A child under 18	1,702
	2	An adult 18 or older	178
	3	Or both as an adult and child	521
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	0
PED1C	1	Yes	1,265
	2	No	952
	-2	Don't Know	6
	-3	Refused	0
	-9	No Response	0
PED1D	1	Yes	79
	2	No	620
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	0
PED2A	1	Yes	1,220
	2	No	5,352
	-2	Don't Know	39
	-3	Refused	74
	-9	No Response	123
PED2B	1	Child under 18	397
	2	An adult 18 or older	466
	3	Or both as an adult and child	357
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	0
PED2C	1	Yes	186
	2	No	567
	-2	Don't Know	1
	-3	Refused	0
	-9	No Response	0
PED2D	1	Yes	130
	2	No	693
	-2	Don't Know	0
	-3	Refused	0
	-9	No Response	0

<b><u>ITEM</u></b>	<b><u>VALUE</u></b>		<b><u>TALLIES</u></b>
PEX1	1	Less than 9 <sup>th</sup> grade	2,202
	2	Some high school	1,166
	3	High school graduate (or GED)	3,852
	4	Some College	1,098
	5	College graduate (BA, AB, BS)	1,389
	6	Advanced or graduate degree (Master's Professional, Doctoral)	674
	-2	Don't Know	1,572
	-3	Refused	302
	-9	No Response	263
PEX4A	1	Yes	372
	2	No	2,441
	-2	Don't Know	14
	-3	Refused	20
	-9	No Response	4
PEX4B	1	Yes	233
	2	No	135
	-2	Don't Know	2
	-3	Refused	0
	-9	No Response	2

## ATTACHMENT 14

### COUNTRIES AND AREAS OF THE WORLD

#### Current Population Survey

Code	Name	Code	Name
057	United States	162	Moldova
066	Guam	163	Russia
073	Puerto Rico	164	Ukraine
078	U. S. Virgin Islands	165	USSR
096	Other U. S. Island Areas	166	Europe, not specified
100	Albania	167	Kosovo
102	Austria	200	Afghanistan
103	Belgium	202	Bangladesh
104	Bulgaria	205	Myanmar (Burma)
105	Czechoslovakia	206	Cambodia
106	Denmark	207	China
108	Finland	208	Cyprus
109	France	209	Hong Kong
110	Germany	210	India
116	Greece	211	Indonesia
117	Hungary	212	Iran
119	Ireland	213	Iraq
120	Italy	214	Israel
126	Netherlands	215	Japan
127	Norway	216	Jordan
128	Poland	217	Korea
129	Portugal	220	South Korea
130	Azores	222	Kuwait
132	Romania	223	Laos
134	Spain	224	Lebanon
136	Sweden	226	Malaysia
137	Switzerland	229	Nepal
138	United Kingdom	231	Pakistan
139	England	233	Philippines
140	Scotland	235	Saudi Arabia
141	Wales	236	Singapore
142	Northern Ireland	238	Sri Lanka
147	Yugoslavia	239	Syria
148	Czech Republic	240	Taiwan
149	Slovakia	242	Thailand
150	Bosnia & Herzegovina	243	Turkey
151	Croatia	246	Uzbekistan
152	Macedonia	247	Vietnam
154	Serbia	248	Yemen
156	Latvia	249	Asia, not specified
157	Lithuania	300	Bermuda
158	Armenia	301	Canada
159	Azerbaijan	303	Mexico
160	Belarus	310	Belize
161	Georgia	311	Costa Rica

Code	Name	Code	Name
312	El Salvador	374	South America, not specified
313	Guatemala	399	Americas, not specified
314	Honduras	400	Algeria
315	Nicaragua	407	Cameroon
316	Panama	408	Cape Verde
321	Antigua and Barbuda	414	Egypt
323	Bahamas	416	Ethiopia
324	Barbados	417	Eritrea
327	Cuba	421	Ghana
328	Dominica	427	Kenya
329	Dominican Republic	429	Liberia
330	Grenada	436	Morocco
332	Haiti	440	Nigeria
333	Jamaica	444	Senegal
338	St. Kitts--Nevis	447	Sierra Leone
339	St. Lucia	448	Somalia
340	St. Vincent and the Grenadines	449	South Africa
341	Trinidad and Tobago	451	Sudan
343	West Indies, not specified	453	Tanzania
360	Argentina	457	Uganda
361	Bolivia	461	Zimbabwe
362	Brazil	462	Africa, not specified
363	Chile	501	Australia
364	Columbia	508	Fiji
365	Ecuador	515	New Zealand
368	Guyana	523	Tonga
369	Paraguay	527	Samoa
370	Peru	528	Oceania, not specified
372	Uruguay	555	Elsewhere
373	Venezuela		

## **ATTACHMENT 15**

### **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 16

### Source and Accuracy Statement for the May 2008 CPS Microdata File on Public Participation in the Arts

#### SOURCE OF THE DATA

The data in this microdata file are from the May 2008 Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS every month, although this file has only May 2008 data. The May 2008 survey uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the entire population. The National Endowment of the Arts sponsored the supplemental questions for May 2008.

**Basic CPS.** The monthly CPS collects primarily labor force data about the civilian noninstitutional population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes (91 percent of the 4.1 million institutionalized people in Census 2000). Interviewers ask questions concerning labor force participation about each member 15 years old and over in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

The CPS uses a multistage probability sample based on the results of the decennial census, with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS.

In April 2004, the Census Bureau began phasing out the 1990 sample<sup>1</sup> and replacing it with the 2000 sample, creating a mixed sampling frame. Two simultaneous changes occurred during this phase-in period. First, primary sampling units (PSUs)<sup>2</sup> selected for only the 2000 design gradually replaced those selected for the 1990 design. This involved 10 percent of the sample. Second, for PSUs selected for both designs, sample households from the 2000 design gradually replaced sample households from the 1990 design. This involved about 90 percent of the sample. The new sample design was completely implemented by July 2005.

In the first stage of the sampling process, PSUs are selected for sample. The United States is divided into 2,025 PSUs. The PSUs were redefined for this design to correspond to the Office of Management and Budget definitions of Core-Based Statistical Area definitions and to improve efficiency in field operations. These PSUs are grouped into 824 strata. Within each stratum, a single PSU is chosen for the sample, with its probability of selection proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

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<sup>1</sup> For detailed information on the 1990 sample redesign, please see reference [1].

<sup>2</sup> The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.



Approximately 72,000 housing units were selected for sample from the sampling frame in May 2008. Based on eligibility criteria, 11 percent of these housing units were sent directly to computer-assisted telephone interviewing (CATI). The remaining units were assigned to interviewers for computer-assisted personal interviewing (CAPI).<sup>3</sup> Of all housing units in sample, about 59,000 were determined to be eligible for interview. Interviewers obtained interviews at about 54,000 of these units. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason.

**May 2008 Supplement.** In May 2008, in addition to the basic CPS questions, interviewers asked supplementary questions on public participation in the arts of two randomly selected household members aged 18 or older from about one-fourth the sampled CPS households. If the selected person had a spouse or partner then questions were also asked of their spouse/partner. The supplement contained questions about the sampled member's participation in various artistic activities from May 1, 2007 to May 1, 2008. It asked about the type of artistic activity, the frequency of participation, training and exposure, musical and artistic preferences, school-age socialization, and computer usage related to artistic information. These topics were separated into a core set of questions and four modules. Module A was titled Reading and Music Preference, module B was titled Participation Via Internet and Other Media, module C was titled Leisure Activities, and module D was titled Arts Learning. Each module was administered to only a portion of the sampled cases. Interviews were conducted during the period of May 18 - 24, 2008.

**CPS Estimation Procedure.** This survey's estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutional population of the United States and each state (including the District of Columbia). These population estimates, used as controls for the CPS, are prepared monthly to agree with the most current set of population estimates that are released as part of the Census Bureau's population estimates and projections program.

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by race (Black alone and all other race groups combined), age (0-15, 16-44, and 45 and over), and sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the latest decennial data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population estimates.

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<sup>3</sup> For further information on CATI and CAPI and the eligibility criteria, please see reference [2].

The net international migration component in the population estimates includes a combination of the following:

- Legal migration to the United States.
- Emigration of foreign-born and native people from the United States.
- Net movement between the United States and Puerto Rico.
- Estimates of temporary migration.
- Estimates of net residual foreign-born population, which include unauthorized migration.

Because the latest available information on these components lags the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

**PPAS Estimation Procedure.** The PPAS adjusts weighted sample results to agree with the same independently derived population estimates of the civilian noninstitutional population of the United States as the CPS. However, the age groups were modified to include only those who are 18 years old or older.

The questionnaire modules and the special core question were originally assigned to households so that half of the sample would receive each module and the special core question. Problems occurred during the selection of respondents that changed the probabilities used to assign the modules, the special core question, and the selection of sample cases within the household. The selection probabilities were corrected in the weighting. The module factor, as described later in this section, was modified to account for the assignment of the modules and the special core questions.

Each sampled person receives one or two weights for the PPA survey depending on the modules asked. The first weight should be used to create estimates from the core and module C since questions were asked about the respondent's spouse/partner in these sections. The second weight should be used to create estimates from modules A, B, and D since these sections did not include questions about the respondent's spouse/partner. Both weights were created using the same weighting procedure but different person selection factors.

To account for the assignment of modules to a portion of the respondents, the data user must apply a module factor to determine the final weight. The value of the factor is based on the analysis the data user is conducting. Table 1 provides the factors for each module or combination of modules (cross analysis of variables from two modules). These factors are determined by summing the proportion of cases that were asked the module or combination of modules of interest. The factor is the inverse of the proportion of cases receiving the module or combination of modules.

Table 1. Module Factors to Assign to Each Case in Analysis to Calculate the Final Weight	
Analysis of Module	Module Factor to Assign
Core Questions Only	1.000000
A or B	2.222222
C or D or Special Core Question	1.818182
A and B in combination	12.000000
A and C or A and D or B and C or B and D or C and D in combination	5.454545

## ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: sampling and nonsampling. 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 is unknown.

**Sampling Error.** Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in “Standard Errors and Their Use,” are primarily measures of the magnitude of sampling error. However, they may include some nonsampling error.

**Nonsampling Error.** For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of circumstances created by the interviewer, the respondent, the survey instrument, or the way the data are collected and processed. For example, errors could occur because:

- The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent (measurement error).
- Some individuals that should have been included in the survey frame were missed (coverage error).
- Responses are not collected from all those in the sample or the respondent is unwilling to provide information (nonresponse error).
- Values are estimated imprecisely for missing data (imputation error).
- Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc. (processing error).

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

**Nonresponse.** The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the May 2008 basic CPS, the household-level nonresponse rate was 7.8 percent. The person-level nonresponse rate for the Public Participation in the Arts supplement was an additional 18.4 percent.

Since the basic CPS nonresponse rate is a household-level rate and the Public Participation in the Arts supplement nonresponse rate is a person-level rate, we cannot combine these rates to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the Public Participation in the Arts supplement.

**Coverage.** The concept of coverage 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. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for May 2008 is estimated to be about 12 percent. CPS coverage varies with age, sex, and race. Generally, coverage is larger for females than for males and larger for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure partially corrects for bias from 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, Hispanic origin, and state of residence. 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, calculated as the estimated population before poststratification divided by the independent population control. Table 2 shows May 2008 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

**Table 2. CPS Coverage Ratios: May 2008**

Age group	<u>Total</u>			<u>White only</u>		<u>Black only</u>		<u>Residual race</u>		<u>Hispanic</u>	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>0-15</b>	0.89	0.89	0.90	0.90	0.91	0.80	0.80	0.95	0.93	0.89	0.89
<b>16-19</b>	0.89	0.88	0.89	0.89	0.91	0.82	0.83	0.94	0.85	0.95	0.89
<b>20-24</b>	0.77	0.76	0.79	0.77	0.80	0.67	0.73	0.73	0.81	0.85	0.86
<b>25-34</b>	0.83	0.80	0.86	0.83	0.86	0.64	0.80	0.78	0.88	0.78	0.91
<b>35-44</b>	0.88	0.85	0.90	0.87	0.93	0.73	0.80	0.78	0.84	0.78	0.91
<b>45-54</b>	0.90	0.89	0.91	0.90	0.92	0.85	0.87	0.79	0.84	0.83	0.88
<b>55-64</b>	0.90	0.90	0.90	0.91	0.91	0.84	0.88	0.86	0.86	0.89	0.89
<b>65+</b>	0.93	0.92	0.94	0.91	0.94	1.01	0.97	0.89	0.82	0.86	0.93
<b>15+</b>	0.88	0.86	0.89	0.88	0.90	0.78	0.84	0.82	0.85	0.83	0.90
<b>0+</b>	0.88	0.87	0.89	0.88	0.91	0.79	0.83	0.85	0.87	0.84	0.89

- Notes: (1) The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.
- (2) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the “Generalized Variance Parameters” section.

**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.

Data users should be careful when comparing the data from this microdata file, which reflects Census 2000-based controls, with microdata files from March 1994 through December 2002, which reflect 1990 census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures can create small differences between estimates. See the discussion following for information on comparing estimates derived from different controls or different sample designs.

Microdata files from previous years reflect the latest available census-based controls. Although the most recent change in population controls had relatively little impact on summary measures such as averages, medians, and percentage distributions, it did have a significant impact on levels. For example, use of Census 2000-based controls results in about a one percent increase from the 1990 census-based controls in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 2003 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 population subgroups than for the total population.

Note that certain microdata files from 2002, namely June, October, November, and the 2002 ASEC, contain both Census 2000-based estimates and 1990 census-based estimates and are subject to the comparability issues discussed previously. All other microdata files from 2002 reflect the 1990 census-based controls.

Users should also exercise caution because of changes caused by the phase-in of the Census 2000 files (see “Basic CPS”). During this time period, CPS data were collected from sample designs based on different censuses. Three features of the new CPS design have the potential of affecting published estimates: (1) the temporary disruption of the rotation pattern from August 2004 through June 2005 for a comparatively small portion of the sample, (2) the change in sample areas, and (3) the introduction of the new Core-Based Statistical Areas (formerly called metropolitan areas). Most of the known effect on estimates during and after the sample redesign will be the result of changing from 1990 to 2000 geographic definitions. Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

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

**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. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error including the possible impact on CPS data when known, refer to references [2] and [3].

**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 about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

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

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics 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.** The Census Bureau uses replication methods to estimate the standard errors of CPS estimates. 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 associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

**Generalized Variance Parameters.** While it is possible to compute and present an estimate of the standard error based on the survey data for each estimate in a report, 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, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods 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 similar relationships between their variances and expected values. Modeling or generalizing 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. In this source and accuracy statement, Table 4 provides the generalized variance parameters for labor force estimates, and Table 5 provides generalized variance parameters for characteristics from the May 2008 Public Participation in the Arts supplement.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The generalized variance parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. The following table summarizes the relationship between the race/ethnicity group of interest and the generalized variance parameters to use in standard error calculations for the basic CPS. For PPAS, the race/ethnicity parameters are given in Table 5.

Table 3. Estimation Groups of Interest and Generalized Variance Parameters	
Race/ethnicity group of interest	Generalized variance parameters to use in standard error calculations
Total population	Total or White
Total White, White AOIC, or White non-Hispanic population	Total or White
Total Black, Black AOIC, or Black non-Hispanic population	Black
Asian alone, Asian AOIC, or Asian non-Hispanic population	Asian, AIAN, NHOPI
AIAN alone, AIAN AOIC, or AIAN non-Hispanic population	
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	
Populations from other race groups	Asian, AIAN, NHOPI
Hispanic population	Hispanic
Two or more races – employment/unemployment and educational attainment characteristics	Black
Two or more races – all other characteristics	API, AIAN, NHOPI

- Notes: (1) API, AIAN, NHOPI are Asian and Pacific Islander, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, respectively.
- (2) AOIC is an abbreviation for alone or in combination. The AOIC population for a race group of interest includes people reporting only the race group of interest (alone) and people reporting multiple race categories including the race group of interest (in combination).
- (3) Hispanics may be any race.
- (4) Two or more races refers to the group of cases self-classified as having two or more races.

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

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

Here  $x$  is the size of the estimate and  $a$  and  $b$  are the parameters in Table 4 or 5 associated with the particular type of characteristic. When calculating standard errors from cross-tabulations involving different characteristics, use the set of parameters for the characteristic that will give the largest standard error.



### Illustration 1

Suppose there were 4,508,000 unemployed men (ages 16 and up) in the civilian labor force. Use the appropriate parameters from Table 4 and Formula (1) to get

Illustration 1	
Number of unemployed males in the civilian labor force ( $x$ )	4,508,000
a parameter ( $a$ )	-0.000032
b parameter ( $b$ )	2,971
Standard error	113,000
90-percent confidence interval	4,322,000 to 4,694,000

The standard error is calculated as

$$s_x = \sqrt{-0.000032 \times 4,508,000^2 + 2,971 \times 4,508,000} = 113,000$$

The 90-percent confidence interval is calculated as  $4,508,000 \pm 1.645 \times 113,000$ .

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 and Ratios.** The reliability of an estimated percentage or ratio using sample data depends on the size of both the numerator,  $x$ , and denominator,  $y$ . This section presents two equations to calculate standard errors of estimated percentages and ratios. The first equation is simplified and can be used for most percentage estimates; the second equation can be used for all percentage and ratio estimates but is more complex. Use the following questions to determine if the simplified equation can be used to calculate the standard error of a percentage:

- 1) Do both the numerator and denominator use the same parameters from Table 4 or 5?
- 2) Is the denominator a CPS population control - a total by race/ethnicity (excluding the group self-classified as having two or more races), sex, or age group, or state? See “CPS Estimation Procedure” for more information on the specific CPS population controls and “PPAS Estimation Procedure” for more information on the specific PPAS population controls.

If the answer to either question is yes, then use the following simplified formula to find the approximate standard error,  $s_{y,p}$ , of the estimated percentage  $p$ :

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

Here  $y$  is the total number of people, families, households, or unrelated individuals in the denominator of the percentage,  $p$  is the percentage, and  $b$  is the parameter in Table 4 or 5 associated with the characteristic in the numerator of the percentage.

If the answer to both questions is no, or the estimate is not a percentage, compute the standard error of the ratio using

$$s_{x/y} = \frac{x}{y} \sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2r \frac{s_x s_y}{xy}} \quad (3)$$

The standard error of the numerator,  $s_x$ , and that of the denominator,  $s_y$ , may be calculated using standard error formulas described in this document. In Formula (3),  $r$  represents the correlation between the numerator and the denominator of the estimate. If  $r$  has not been previously calculated for a specific estimate, consider the type of ratio being estimated. For ratios where the numerator is a subset of the denominator use

$$r = \frac{x \cdot s_y}{y \cdot s_x} \quad (4)$$

For ratios where the denominator is a count of families or households and the numerator is a count of people in those families or households with a certain characteristic and there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of  $r$ . An example of this type is the average number of children per family with children. For all other types of ratios,  $r$  is assumed to be zero. Examples are the average number of children per family. If  $r$  is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio.

NOTE: For estimates expressed as the ratio of  $x$  per 100  $y$  or  $x$  per 1,000  $y$ , multiply Formula (3) by 100 or 1,000, respectively, to obtain the standard error.

### Illustration 2

Suppose there were 116,300,000 women aged 18 and over, and 13.6 percent indicate they listen to jazz. Use the appropriate parameter from Table 5 and Formula (2), since the denominator in this percentage is treated as a CPS population control, to get

Illustration 2	
Percentage of women 18+ who indicate they listen to jazz ( $p$ )	13.6
Base ( $y$ )	116,300,000
b parameter ( $b$ )	35,647
Standard error	0.6
90-percent confidence interval	12.6 to 14.6

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{35,647}{116,300,000} \times 13.6 \times (100 - 13.6)} = 0.6$$

The 90-percent confidence interval for the estimated percentage of women aged 18 years old or older who listen to jazz is from 12.61 to 14.59 percent (i.e.,  $13.6 \pm 1.645 \times 0.6$ ).

### Illustration 3

Suppose the ratio of men to women working part-time was 9,223,000 to 17,667,000, or 0.52. Use Formulas (1) and (3) with  $r = 0$  and the appropriate parameters from Table 4 to get

Illustration 3			
	Males (x)	Females (y)	Ratio
Number who work part-time	9,223,000	17,667,000	0.52
a parameter (a)	-0.000032	-0.000031	-
b parameter (b)	2,971	2,782	-
Standard error	157,000	199,000	0.01
90-percent confidence interval	8,965,000 to 9,481,000	17,340,000 to 17,994,000	0.50 to 0.54

The standard error is calculated as

$$s_{x/y} = \frac{9,223,000}{17,667,000} \sqrt{\left(\frac{157,000}{9,223,000}\right)^2 + \left(\frac{199,000}{17,667,000}\right)^2} = 0.01$$

and the 90-percent confidence interval is calculated as  $0.52 \pm 1.645 \times 0.01$ .

### Illustration 4

Suppose that the number of unemployed males was 4,508,000 and the total number unemployed was 8,193,000. The ratio of unemployed males to the total number unemployed would be 0.55 or 55 percent. The numerator and denominator in this percentage do not use the same parameters from Table 4, and the denominator is not a CPS population control. Therefore, use Formulas (3) and (4) for the standard error and correlation,  $r$ , along with Formula (1) and the appropriate parameters from Table 4 to get

Illustration 4			
	Unemployed Males (x)	Unemployed Total (y)	Ratio (%)
Number Unemployed	4,508,000	8,193,000	55.0
a parameter (a)	-0.000032	-0.000016	-
b parameter (b)	2,971	3,096	-
correlation (r)	-	-	0.76
Standard error	113,000	156,000	0.9
90-percent confidence interval	4,322,000 to 4,694,000	7,936,000 to 8,450,000	53.5 to 56.5

The correlation is calculated as

$$r = \frac{4,508,000 \times 156,000}{8,193,000 \times 113,000} = 0.76$$

The standard error is calculated as

$$s_{x/y} = \frac{4,508,000}{8,193,000} \sqrt{\left(\frac{113,000}{4,508,000}\right)^2 + \left(\frac{156,000}{8,193,000}\right)^2 - \left(2 \times 0.76 \times \frac{113,000 \times 156,000}{4,508,000 \times 8,193,000}\right)} = 0.009$$

and the 90-percent confidence interval is calculated as  $0.55 \pm 1.645 \times 0.009$ .

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

$$s_{x_1 - x_2} = \sqrt{s_{x_1}^2 + s_{x_2}^2} \quad (3)$$

where  $s_{x_1}$  and  $s_{x_2}$  are the standard errors of the estimates,  $x_1$  and  $x_2$ . The estimates can be numbers, percentages, ratios, etc. This will result in accurate estimates of the standard error of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

#### **Illustration 5**

Suppose that of the 68,300,000 people with a high school diploma but no college, 9.5 percent attended a live opera, and of the 61,400,000 people with some college or associate degree, 21.3 percent attended a live opera. Use the appropriate parameters from Table 5 and Formulas (2) and (3) to get

<b>Illustration 5</b>			
	High School Diploma ( $x_1$ )	Some College or Associates ( $x_2$ )	Difference
Percentage working part-time ( $p$ )	9.5	21.3	11.8
Base	68,300,000	61,400,000	-
b parameter ( $b$ )	40,263	40,263	-
Standard error	0.71	1.05	1.27
90-percent confidence interval	8.3 to 10.7	19.6 to 23.0	9.7 to 13.9

The standard error of the difference is calculated as

$$s_{x-y} = \sqrt{0.71^2 + 1.05^2} = 1.27$$

The 90-percent confidence interval around the difference is calculated as  $11.8 \pm 1.645 \times 1.27$ . Since this interval does not include zero, we can conclude with 90 percent confidence that the percentage of people with some college or associate degree who attended a live opera is greater than the percentage of people with a high school diploma who attended a live opera.

**Standard Errors for Cross-Module Analysis.** The standard errors of estimates from cross-module analysis may be obtained by determining new a and b parameters and using these adjusted parameters in the standard error formulas mentioned previously. To determine a new cross-module b parameter, multiply the Core b parameter from Table 5 by the factor provided in Table 1. For example, the cross-

module factor to apply to Module A and B is 12.0.

To determine the new a parameter, use the following formula:

$$a_{cross-module} = \frac{-b_{cross-module}}{POP_{item}}$$

where  $POP_{item}$  is the population found in Table 5.

**Standard Errors of Quarterly or Yearly Averages.** For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please see the “Explanatory Notes and Estimates of Error: Household Data” section in *Employment and Earnings*, a monthly report published by the U.S. Bureau of Labor Statistics.

**Technical Assistance.** If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at [dsmd.source.and.accuracy@census.gov](mailto:dsmd.source.and.accuracy@census.gov).

**Table 4. Parameters for Computation of Standard Errors for Labor Force Characteristics: May 2008**

Characteristic	a	b
<b>Total or White</b>		
Civilian labor force, employed	-0.000016	3,068
<i>Not in labor force</i>	-0.000009	1,833
<i>Unemployed</i>	-0.000016	3,096
Civilian labor force, employed, not in labor force, and unemployed		
Men	-0.000032	2,971
Women	-0.000031	2,782
Both sexes, 16 to 19 years	-0.000022	3,096
<b>Black</b>		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000151	3,455
Men	-0.000311	3,357
Women	-0.000252	3,062
Both sexes, 16 to 19 years	-0.001632	3,455
<b>Hispanic</b>		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000141	3,455
Men	-0.000253	3,357
Women	-0.000266	3,062
Both sexes, 16 to 19 years	-0.001528	3,455
<b>Asian, AIAN, NHOPI</b>		
Civilian labor force, employed, not in labor force, and unemployed		
Total	-0.000346	3,198
Men	-0.000729	3,198
Women	-0.000659	3,198
Both sexes, 16 to 19 years	-0.004146	3,198

- Notes: (1) These parameters are to be applied to basic CPS monthly labor force estimates.
- (2) API, AIAN, NHOPI are Asian and Pacific Islander, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, respectively.
- (3) For foreign-born and noncitizen characteristics for Total and White, the *a* and *b* parameters should be multiplied by 1.3. No adjustment is necessary for foreign-born and noncitizen characteristics for Black, Hispanic, and Asian, AIAN, NHOPI parameters.
- (4) Hispanics may be any race. For a more detailed discussion on the use of parameters for race and ethnicity, please see the "Generalized Variance Parameters" section.
- (5) For nonmetropolitan characteristics, multiply the *a* and *b* parameters by 1.5. If the characteristic of interest is total state population, not subtotaled by race or ethnicity, the *a* and *b* parameters are zero.

**Table 5. Parameters for Computation of Standard Errors for Public Participation in the Arts Characteristics: May 2008<sup>1</sup>**

Characteristic	Core		Modules A or B		Module C or Special Core Question		Module D		Population
	a	b	a	b	a	b	a	b	
All Adults	-0.000118	26,532	-0.000266	59,862	-0.000170	38,332	-0.000220	49,404	224,826,742
Sex									
Male	-0.000186	20,220	-0.000551	59,862	-0.000301	32,699	-0.000455	49,404	108,545,640
Female	-0.000174	20,220	-0.000515	59,862	-0.000281	32,699	-0.000425	49,404	116,281,102
Ethnicity and Race									
Hispanic <sup>2</sup>	-0.001017	30,967	-0.002524	76,829	-0.001635	49,784	-0.001892	57,588	30,444,019
Nonhispanic White	-0.000152	23,545	-0.000388	59,862	-0.000248	38,332	-0.000320	49,404	154,461,582
Nonhispanic African American	-0.001210	30,967	-0.003001	76,829	-0.001945	49,784	-0.002250	57,588	25,597,094
Nonhispanic Other	-0.002162	30,967	-0.005845	83,729	-0.003476	49,784	-0.004784	68,532	14,324,047
Age	-0.000075	16,951	-0.000226	50,822	-0.000129	28,929	-0.000173	38,917	224,826,742
Income	-0.000118	26,532	-0.000266	59,862	-0.000170	38,332	-0.000220	49,404	224,826,742
Education	-0.000118	26,532	-0.000266	59,862	-0.000170	38,332	-0.000220	49,404	224,826,742
State and Region									
New England	-0.001406	17,961	-0.003052	38,994	-0.003000	38,332	-0.002448	31,280	12,775,516
Connecticut	-0.003866	13,328	-0.012019	41,439	-0.006152	21,211	-0.008411	28,999	3,447,696
Maine	-0.002795	3,642	-0.008512	11,091	-0.004929	6,422	-0.006483	8,447	1,302,995
Massachusetts	-0.004164	26,532	-0.009921	63,217	-0.006833	43,540	-0.007753	49,404	6,371,844
Rhode Island	-0.003511	3,642	-0.010693	11,091	-0.006191	6,422	-0.008144	8,447	1,037,252
Remainder New England <sup>3</sup>	-0.005915	3,642	-0.018013	11,091	-0.010430	6,422	-0.013719	8,447	615,729
Mid-Atlantic	-0.000818	32,608	-0.002100	83,729	-0.001421	56,653	-0.001719	68,532	39,861,959
New Jersey	-0.003088	26,532	-0.007358	63,217	-0.005067	43,540	-0.005750	49,404	8,592,019

**Table 5. Parameters for Computation of Standard Errors for Public Participation in the Arts Characteristics: May 2008<sup>1</sup>**

Characteristic	Core		Modules A or B		Module C or Special Core Question		Module D		Population
	a	b	a	b	a	b	a	b	
New York	-0.001883	35,847	-0.004397	83,729	-0.003530	67,209	-0.004409	83,952	19,041,198
Pennsylvania	-0.002170	26,532	-0.005170	63,217	-0.003560	43,540	-0.004040	49,404	12,228,742
South Atlantic	-0.000464	26,532	-0.001046	59,862	-0.000670	38,332	-0.000863	49,404	57,236,836
Florida	-0.001323	23,885	-0.003107	56,111	-0.001811	32,699	-0.002736	49,404	18,059,796
Georgia	-0.003065	29,092	-0.006943	65,909	-0.004856	46,095	-0.005205	49,404	9,492,256
Maryland	-0.003328	18,440	-0.007907	43,814	-0.005416	30,011	-0.006378	35,346	5,541,450
North Carolina	-0.003229	29,092	-0.007317	65,909	-0.005117	46,095	-0.005484	49,404	9,008,211
South Carolina	-0.005477	23,885	-0.012867	56,111	-0.008790	38,332	-0.011329	49,404	4,360,741
Virginia	-0.003164	23,885	-0.007433	56,111	-0.005078	38,332	-0.006544	49,404	7,549,167
West Virginia	-0.005539	9,901	-0.013857	24,772	-0.008752	15,645	-0.009666	17,279	1,787,633
Remainder S. Atlantic <sup>4</sup>	-0.002264	3,254	-0.005811	8,354	-0.004053	5,826	-0.004085	5,873	1,437,582
East North Central	-0.000511	23,408	-0.001536	70,275	-0.001082	49,525	-0.001079	49,404	45,765,789
Illinois	-0.001840	23,408	-0.005004	63,666	-0.003013	38,332	-0.003883	49,404	12,721,800
Michigan	-0.002360	23,408	-0.006419	63,666	-0.003865	38,332	-0.004981	49,404	9,918,880
Ohio	-0.002072	23,408	-0.005635	63,666	-0.003392	38,332	-0.004372	49,404	11,299,174
Remainder E.N. Central <sup>5</sup>	-0.001648	19,487	-0.005474	64,735	-0.002765	32,699	-0.003526	41,702	11,825,935
West North Central	-0.000702	13,901	-0.002021	40,039	-0.001170	23,173	-0.001682	33,315	19,811,330
Iowa	-0.002638	7,786	-0.007308	21,568	-0.004657	13,745	-0.006111	18,036	2,951,442
Kansas	-0.003924	10,729	-0.012003	32,819	-0.007602	20,786	-0.008428	23,044	2,734,129
Minnesota	-0.002077	10,729	-0.006355	32,819	-0.004025	20,786	-0.004462	23,044	5,164,487
Missouri	-0.004036	23,408	-0.010977	63,666	-0.006609	38,332	-0.008518	49,404	5,800,136
Nebraska	-0.004446	7,786	-0.012316	21,568	-0.007849	13,745	-0.010299	18,036	1,751,178
North Dakota	-0.004249	2,655	-0.011724	7,325	-0.007113	4,444	-0.008641	5,399	624,786



**Table 5. Parameters for Computation of Standard Errors for Public Participation in the Arts Characteristics: May 2008<sup>1</sup>**

Characteristic	Core		Modules A or B		Module C or Special Core Question		Module D		Population
	a	b	a	b	a	b	a	b	
South Dakota	-0.003381	2,655	-0.009329	7,325	-0.005660	4,444	-0.006876	5,399	785,172
East South Central	-0.001495	26,532	-0.003374	59,862	-0.002160	38,332	-0.002784	49,404	17,743,068
Alabama	-0.006352	29,092	-0.014392	65,909	-0.010065	46,095	-0.010788	49,404	4,579,659
Remainder East South Central <sup>6</sup>	-0.001814	23,885	-0.004263	56,111	-0.002484	32,699	-0.003753	49,404	13,163,409
West South Central	-0.000771	26,532	-0.001739	59,862	-0.001114	38,332	-0.001436	49,404	34,414,531
Texas	-0.001221	29,092	-0.002766	65,909	-0.001935	46,095	-0.002073	49,404	23,827,505
Remainder W.S. Central <sup>7</sup>	-0.002256	23,885	-0.005300	56,111	-0.003621	38,332	-0.004666	49,404	10,587,026
Mountain	-0.000853	18,281	-0.002373	50,822	-0.001790	38,332	-0.002306	49,404	21,419,886
Colorado	-0.003768	18,281	-0.007677	37,246	-0.006016	29,188	-0.006245	30,295	4,851,354
Nevada	-0.004013	10,394	-0.011315	29,310	-0.007298	18,905	-0.008509	22,041	2,590,269
Wyoming	-0.004597	2,400	-0.021254	11,097	-0.008513	4,445	-0.010235	5,344	522,125
Remainder Mountain <sup>8</sup>	-0.001359	18,281	-0.003777	50,822	-0.002849	38,332	-0.003671	49,404	13,456,138
Pacific	-0.000549	26,532	-0.001405	67,885	-0.000793	38,332	-0.001248	60,282	48,321,085
California	-0.000733	26,532	-0.001814	65,718	-0.001189	43,075	-0.001364	49,404	36,220,464
Oregon	-0.004889	18,281	-0.013591	50,820	-0.010251	38,332	-0.013212	49,404	3,739,264
Washington	-0.004117	26,532	-0.010196	65,718	-0.006683	43,075	-0.007665	49,404	6,445,194
Remainder Pacific <sup>9</sup>	-0.003298	6,319	-0.008149	15,615	-0.005088	9,750	-0.009870	18,913	1,916,163
Metropolitan Areas									
Boston-Worcester-Manchester, MA-NH	-0.002385	26,532	-0.004037	44,900	-0.003968	44,138	-0.004442	49,404	11,122,535
Chicago-Naperville-Michigan City, IL-IN	-0.001763	33,497	-0.003748	71,232	-0.002838	53,925	-0.003030	57,587	19,003,804
Dallas-Fort Worth, TX	-0.001406	33,497	-0.002989	71,232	-0.002263	53,925	-0.002417	57,587	23,827,505
Denver-Aurora-	-0.003494	16,951	-0.007140	34,641	-0.005380	26,100	-0.005941	28,823	4,851,354

**Table 5. Parameters for Computation of Standard Errors for Public Participation in the Arts Characteristics: May 2008<sup>1</sup>**

Characteristic	Core		Modules A or B		Module C or Special Core Question		Module D		Population
	a	b	a	b	a	b	a	b	
Boulder, CO									
Detroit-Warren-Flint, MI	-0.000972	33,497	-0.002067	71,232	-0.001565	53,925	-0.001671	57,587	34,466,615
Los Angeles-Long Beach-Riverside, CA	-0.001101	39,872	-0.002204	79,815	-0.001489	53,925	-0.001794	64,962	36,220,464
Miami-Fort Lauderdale-Miami Beach, FL	-0.002208	39,872	-0.004419	79,815	-0.002986	53,925	-0.003597	64,962	18,059,796
NY-Newark-Bridgeport, NY-NJ-CT-PA	-0.000921	39,872	-0.001843	79,815	-0.001245	53,925	-0.001500	64,962	43,309,655
Philadelphia-Camden-Vineland, PA-NJ-DE-MD	-0.001271	33,497	-0.002702	71,232	-0.002046	53,925	-0.002184	57,587	26,362,211
San Jose-Francisco-Oakland, CA	-0.001101	39,872	-0.002204	79,815	-0.001489	53,925	-0.001794	64,962	36,220,464
Washington-Baltimore-Northern Virginia, DC-MD-VA-WV	-0.000151	23,407	-0.000333	51,440	-0.000212	32,699	-0.000186	28,823	154,557,079
Occupation	-0.000075	16,951	-0.000244	54,832	-0.000130	29,237	-0.000220	49,404	224,826,742

Notes: (1) These parameters are to be applied to the May 2008 Public Participation in the Arts Supplement data.

- (2) Hispanics may be any race.
- (3) Remainder New England includes New Hampshire and Vermont.
- (4) Remainder S. Atlantic includes Delaware and the District of Columbia.
- (5) Remainder E.N. Central includes Indiana and Wisconsin.
- (6) Remainder E. S. Central includes Kentucky, Mississippi, and Tennessee.
- (7) Remainder W.S. Central includes Arkansas, Louisiana, and Oklahoma.
- (8) Remainder Mountain includes Arizona, Idaho, New Mexico, Montana, and Utah.
- (9) Remainder Pacific includes Alaska and Hawaii.

## References

- [1] Bureau of Labor Statistics. 1994. *Employment and Earnings*. Volume 41 Number 5, May 1994. Washington, DC: Government Printing Office.
- [2] U.S. Census Bureau. 2006. *Current Population Survey: Design and Methodology*. Technical Paper 66. Washington, DC: Government Printing Office.  
<http://www.census.gov/prod/2006pubs/tp-66.pdf>
- [3] Brooks, C.A. and Bailar, B.A. 1978. *Statistical Policy Working Paper 3 - An Error Profile: Employment as Measured by the Current Population Survey*. Subcommittee on Nonsampling Errors, Federal Committee on Statistical Methodology, U.S. Department of Commerce, Washington, DC. (<http://www.fcsm.gov/working-papers/spp.html>)

## **ATTACHMENT 17**

### **ESTIMATING PPAS VARIANCES WITH REPLICATE WEIGHTS**

May 2008: Public Participation in the Arts Supplement

#### **Part I: Instructions for Using PPAS Replicate Weights to Calculate Variances**

##### **Introduction**

This document provides the data user with instructions on how to use the replicate weights to calculate variances. Background information on how the PPAS replicate weights are created can be found in Part II.

##### **PPAS Weights**

The design of the PPAS supplement questionnaire required two weights to be developed. The supplement weights associated with the May 2008 Public Participation in the Arts supplement are CWGT and MWGT. The CWGT is used when modules were asked of both the respondent and their spouse/partner, and the MWGT is used when modules asked only about the respondent. The module factor is applied to the CWGT or MWGT to adjust for the modules being administered to only a portion of the sample cases<sup>1</sup>.

##### **Replicate Weight File**

Researchers interested in using the replicate weights should contact the National Endowment for the Arts research office to obtain a copy of the replicate weight data files. The replicate weights files and the public use survey data file both have the full sample weight. On the replicate weight files, the variable names are CWGT0 and MWGT0. The full sample weight on these files is given as means of verifying that the files are properly merged to the public use survey data.

For each replicate, the replicate weight is multiplied by the module factor to determine the final replicate weight.

##### **Merging the PPAS Replicate Weight File with the Person File**

Obtain:           PPAS Person File  
                    PPAS Replicate Weight Files

Merge using QSTNUM and OCCURNUM. This is a simple one-to-one match.

---

<sup>1</sup> For all replicate estimates, the module factor should be applied the same way it is applied to replicate zero. See Attachment 3, Overview – May 2008 Public Participation in the Arts for details of applying the module factor.

## Creating Replicate Estimates

Replicate estimates are created using each of the 160 weights independently to create 160 replicate estimates. For point estimates, multiple the replicate weights by the item of interest at the record level (either an indicator variable to determine the number of people with a characteristic or a variable that contains some value, say, number of days attending a performance) and tally the weighted values to create the 160 replicate estimates. Use these replicate estimates in the formula to calculate the total variance for the item of interest. For example, say the item of interest is the number of males attending jazz. Tally the weights for all the records with variable A\_SEX = 1 and Q1A (attending jazz) = 1 to create the 160 replicate estimates of the number of males attending jazz. Then use these estimates in the formula to calculate the total variance for the number of males attending jazz.

## Use of Replicate Estimates in Variance Calculations

Calculate variance estimates for PPAS estimates using:

$$\text{var}(\hat{\theta}_0) = \frac{4}{160} \sum_{i=1}^{160} (\hat{\theta}_i - \hat{\theta}_0)^2 \quad (1)$$

where  $\hat{\theta}_0$  is the estimate of the statistic of interest, such as a point estimate, ratio of domain means, regression coefficient, or log-odds ratio, using the weight for the full sample and  $\hat{\theta}_i$  are the replicate estimates of the same statistic using the replicate weights. See reference [1] Judkins (1990) and [2], Chapter 14.

### Example for Total Variance of Point Estimates

The total variance for a point estimate  $\hat{x}_0$ , such as attending jazz, can be calculated by plugging the replicate weight estimates and the point estimate into formula (1):

$$\text{var}(\hat{x}_0) = \frac{4}{160} \sum_{i=1}^{160} (\hat{x}_i - \hat{x}_0)^2,$$

where  $\hat{x}_i$  are the replicate estimates.

### Example for Variance of Regression Coefficients

Variances for regression coefficients  $\hat{\beta}_0$  can be calculated using formula (1) as well. Calculating the 160 replicate regression coefficients  $\hat{\beta}_i$  and using formula (1),

$$\text{var}(\hat{\beta}_0) = \frac{4}{160} \sum_{i=1}^{160} (\hat{\beta}_i - \hat{\beta}_0)^2,$$

gives the variance estimate for the regression coefficient  $\hat{\beta}_0$ .

## Direct Variances Versus Generalized Variance Functions

Variances calculated using the above formulas often times do not match the variance estimates that are achieved by using generalized variance functions (GVF). The GVF is a simple model that expresses the variance as a function of the survey estimate. The parameters of the model are estimated using direct replicated variances from several estimates that have similar characteristics. These models provide a relatively easy way to obtain an approximate standard error on numerous characteristics.

With considerably more effort, the replicate weights can be used to calculate variances using the formulas provided above. These variance estimates are considered to be direct variance estimates and are subject to some variance themselves.

### Examples of Calculating Variances Using: SAS, SUDAAN, or WesVar SAS CODE

The following is example SAS code that can be used to calculate standard errors using the replicate weights.

```
*****;
* The FIRST STEP is to flag the data records          *;
* desired after creating the SAS data sets.           *;
* This example flags persons age 16+ and whom are male. *;
*****;
data user.data1;
merge PPAS_DATA_2008 (rename = (cwgt=cwgtt)) PPAS_REPWGT_2009;
by h_seq ppos;
cwgtt = cwgtt * MODFAC;
array cwgt{0:160} cgt0 -- cwgt160;
do i = 0 to 160;
  cwgt{i} = cwgtt{i} * MODFAC;
end;
if a_age>15 and a_sex = 1 then male15_plus = 1; else male15_plus = 0;
run;
*****;
* The SECOND STEP of code sums the full sample and the *;
* 160 replicate weights and writes them out to a file. *;
* These estimates will not have the module factor. The *;
* module factor will be applied in the next step.      *;
*****;
proc means data=user.data1 sum noprint;
  where male15_plus=1;
  var cwgtt cwgt1-cwgt160;
  output out=user.data2 sum=est rw1-rw160;
run;
```

```

*****;
* The THIRD STEP of code uses the estimates of the full    *;
* sample and the 160 replicates to compute the estimated  *;
* replicate variance(s) using the formula(s) for 160      *;
* replicates. In the code below replace {MODFAC} with the *;
* appropriate module factor.                               *;
*****;
data user.data3 (keep=char est var se cv);
  set user.data2 end=eof;
  if _n_=1 then sdiffsq = 0;
  array repwts{161} est rw1-rw160;
  do I = 2 to 161;
    sdiffsq = sdiffsq + (repwts{i} - repwts{1})**2;
  end;
  if eof then do;
    var = (4/160) * sdiffsq;
    se = (var)**.5;
    cv = se/est;
    length char $9;
    char = 'Males 16+';
    output;
  end;
run;

proc print data = user.data3;
  var char est var se cv;
run;

```

## SUDAAN CODE

The following is an example of SUDAAN code that can be used to calculate standard errors using the replicate weights.

```

/*****
* When specifying the sample design in SUDAAN the following *
* design statements need to be used:                        *
*   IDVAR  variables                                       *
*   REPWGT variables / ADJFAY = 4  -- multiply the         *
*                                   replicate weights      *
*                                   by the module factor    *
*                                   to get the proper       *
*                                   final replicate        *
*                                   weights.                *
*   and                                                    *
*   WEIGHT variable -- multiply the weight by the         *
*                   module factor to get the proper       *
*                   final weight.                         *
*****/;
PROC CROSSTAB DATA = PPAS_DATA_2008 REPDATA = PPAS_ REPWGT_2009 DESIGN = BRR;
IDVAR h_seq ppos;
WEIGHT cwgt;
REPWGT cwgt1-cwgt160 / ADJFAY = 4;
SUBPOPN 16 <= a_age & a_sex = 1;
TABLES _one_;

```

## **WESVAR**

Using WesVar to calculate the variances for PPAS requires you to set up the WesVar data set properly. This can be done in the data file creation window of WesVar. This document will not walk you through all the steps required to use WesVar to calculate standard errors, but will assist you in the data creation window. There are five steps in creating your WesVar data set. NOTE: Make sure that the weight fields have the module factor applied.

- At the DATA FILE CREATION window in WesVar, add the full weight CWGT to the full sample field.
- Add the replicate weights CWGT1 – CWGT160 to the replicates field.
- At the METHOD sidebar box, click on the FAY radio button.
- In the FAY\_K window, enter 0.5 as the FAY adjustment value.
- Add the variables of interest to the variables field.

After creating the WesVar data set, you can proceed with your analysis. The output pages of your analysis will contain the standard errors.



## **PART II: Replicate Variance Estimates for the PPAS**

### **Introduction**

The variance of any survey estimate based on a probability sample may be estimated by the method of replication. This method requires that the sample selection, the collection of data, and the estimation procedures be independently carried through (replicated) several times. The dispersion of the resulting estimates then can be used to measure the variance of the full sample (reference [2]).

However, we would not consider repeating any large survey, such as the Public Participation in the Arts supplement (PPAS), several times to obtain variance estimates. A practical alternative is to draw a set of random samples from the full sample using the same principles of selection. We could then apply the estimation procedures to these random samples. We refer to these random samples as replicates.

For the PPAS, we used a total of 160 replicates to calculate the PPAS variance estimates. For additional information on determining the number of replicates see [2]. During the weighting processing, all 160 replicates undergo the same weighting adjustments.

In the following section we describe the methodology used in forming the 160 PPAS replicates. The theoretical basis of the methodology we use is based on the family of “balanced half-sample” methods. Kirk Wolter discusses this methodology in reference [3] and Robert Fay extended the theory in reference [4]. We use both the balanced half-sample and the extended methodology to produce the replicated weights used for the PPAS supplement.

### **The Replication Method Applied to PPAS**

The PPAS replicate weights are created differently for the self-representing (SR) strata and the nonself-representing strata (NSR). We derive both sets of replicate weights from methods known as “balanced half-sample” methods. The SR weights are created using the successive difference replication [4] and the NSR weights are created using the modified half sample technique [4].

Replicates for the PPAS are formed through a five-step process:

- ▶ The first step is the construction of a  $k \times k$  Hadamard matrix, where  $k$  is the number of replicates that will be formed.
- ▶ Next, each SR case is assigned two rows of the Hadamard matrix and each NSR case one row.
- ▶ In the third step, each sample case uses the assigned rows from the Hadamard matrix to calculate its replicate factors.
- ▶ In the fourth step, the replicate factors are multiplied by the full-sample weights to produce the replicate weights.
- ▶ Finally, the full sample and each of the replicate samples go through the weighting process.

At the end of this section, an example is provided to reinforce the steps of the replication method used for PPAS replicate weights. This example uses a sample of five cases and will create four replicates for each sample case.

## Step 1: Construct the Hadamard Matrix

As mentioned earlier, the first step in the creating replicate weights for PPAS is the construction of a Hadamard matrix. A Hadamard matrix  $\mathbf{H}$  is a  $k \times k$  matrix with all elements either equal to +1 or -1. Hadamard matrices are unique in that they satisfy  $\mathbf{H}_k \mathbf{H}_k^T = k \mathbf{I}_k$ , where  $\mathbf{I}$  is the identity matrix of order  $k$ ,  $\mathbf{H}_k$  is a  $k \times k$  Hadamard matrix, and  $\mathbf{H}_k^T$  is the transpose of the  $k \times k$  Hadamard matrix. The order  $k$  is necessarily 1, 2, or  $4t$ , where  $t$  is a positive integer. An example of a  $2 \times 2$  Hadamard matrix is as follows:

$$\mathbf{H}_2 = \begin{bmatrix} +1 & +1 \\ +1 & -1 \end{bmatrix} \quad (1)$$

Note that:

$$\mathbf{H}_2 \mathbf{H}_2^T = \begin{bmatrix} +1 & +1 \\ +1 & -1 \end{bmatrix} \times \begin{bmatrix} +1 & +1 \\ +1 & -1 \end{bmatrix}^T = \begin{bmatrix} +1 & +1 \\ +1 & -1 \end{bmatrix} \times \begin{bmatrix} +1 & +1 \\ +1 & -1 \end{bmatrix} = \begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix} = 2\mathbf{I}_2.$$

The Hadamard matrix allows us to choose certain replicate samples so that we can get an unbiased estimate of the variance with significantly fewer calculations than other half-sample methods (reference [3]). For PPAS, since 160 replicates are used, we used a  $160 \times 160$  Hadamard matrix to form our replicate factors. Please see reference [5] for information on the construction of  $160 \times 160$  Hadamard matrices.

## Step 2: Assign Row Values

Assignment of the row values depends on whether the sample case is SR or NSR. As mentioned earlier, replicate weights are formed differently for SR and NSR sample. Each SR case in the full sample will use two rows of the Hadamard matrix and the NSR cases are assigned to one row.

### Assignment of Row Values for SR Cases

Since the first row of most Hadamard matrices consists entirely of +1's, it is not assigned to a sample case. Therefore, the assignment process for the SR cases begins with the assignment of Rows 2 and 3 of the Hadamard matrix to the first sample case. The remaining row assignments are set up to ensure that consecutive sample cases share one row of the Hadamard matrix. Following this algorithm, Rows 3 and 4 are assigned to the second sample case. This row assignment continues until you reach the  $k^{th}$  row of the  $k \times k$  Hadamard matrix. At this point, you skip over the first row and return to the second row for the next assignment. After assigning all the row numbers incrementing by one, continue assigning the row numbers starting from Row 2, but increase the increment interval to two. Using an increment of two, the assignment process will continue with Rows 2 and 4 for the next sample case, followed by Rows 4 and 6, Rows 6 and 8, and so on. Under an increment of two, cycle through the rows twice to pick up all the row numbers. After assigning all increments of two, assign the row numbers with an increment of three. Use three cycles while incrementing by three. Continue to increase the increment and number of cycles up to a maximum increment of ten and then start the assignments over with the increment of one (if the independent sample is large enough to make this necessary). This provides 1,590 unique row assignment pairs.

## Assignment of Row Values for NSR Cases

The NSR sampled strata are combined into pseudo-strata within each state to form paired strata. Each pseudo-stratum is assigned to a row of the Hadamard matrix. Within the pseudo-strata, one of the NSR PSU is randomly assigned the replicate factor 1.5 and the other NSR PSU receives the factor of 0.5. These values are assigned based on the Hadamard matrix. When the value of the Hadamard matrix changes the assigned replicate factor changes. For example, if the value of the Hadamard matrix is 1 and the first NSR PSU receives the replicate value of 1.5, the other NSR PSU receives a replicate factor of 0.5. When the value from the Hadamard matrix is -1, the first NSR PSU receives a replicate value of 0.5 and the second NSR PSU receives a replicate value of 1.5. These values are further adjusted to account for the unequal sizes of the original strata within pseudo-stratum.

In most cases the pseudo-strata consist of a pair of strata except where an odd number of strata within the state requires that a triplet be formed. In this case two rows of the Hadamard are assigned to the pseudo-stratum resulting in replicate factors of about 0.5, 1.7, and 0.8; or 1.5, 0.3, and 1.2 for the three PSUs assuming roughly equal sizes of the original strata. These values are further adjusted to account for the unequal sizes of the original strata within pseudo-stratum.

At the completion of the row assignment, each sample case will have  $k$  replicate factors - one factor for each replicate sample.

### Step 3: Calculation of the Replicate Factors for PPAS

The unique assignment of the row values to the SR sample cases ensures that the replicate factors take on one of three values: 0.3, 1.0, or 1.7. The replicate factors are calculated using the following formula:

$$\text{Replicate Factor}_{ir} = 1 + \left[ (2)^{-\frac{3}{2}} \times h_{(RI,r)} \right] - \left[ (2)^{-\frac{3}{2}} \times h_{(RII,r)} \right]. \quad (2)$$

where

<b>i</b>	=	The sample case ( $i = 1, 2, \dots, n$ )
<b>r</b>	=	The replicate ( $r = 1, 2, \dots, k$ )
<b>RI</b>	=	The first row value assigned to sample case $i$
<b>RII</b>	=	The second row value assigned to sample case $i$
$h_{(RI,r)}$	=	The $(RI, r)^{\text{th}}$ cell of the Hadamard matrix
$h_{(RII,r)}$	=	The $(RII, r)^{\text{th}}$ cell of the Hadamard matrix

**NOTE:** The Hadamard cell to use is determined by the assigned row values and the column number corresponding to the replicate number. For example, when calculating a replicate factor for replicate 4, use the following cells from the Hadamard matrix: (RI, 4) and (RII, 4).

#### **Step 4: Calculation of the Replicate Weights for PPAS**

Each case within a probability sample has a sample weight that reflects the inverse of its probability of selection (i.e., the base weight). The weight can be viewed as the number of population members this sample case represents. The fourth step in the replication method calculates the replicate weights for each replicate sample. The replicate weights are calculated using the following formula:

$$\text{Replicate Weight}_{ir} = \text{Replicate Factor}_{ir} \times \text{Basewt}_i \quad (3)$$

where

<b>i</b>	=	The sample case ( $i = 1, 2, \dots, n$ )
<b>r</b>	=	The replicate sample ( $r = 1, 2, \dots, k$ )
<b>Replicate Factor<sub>ir</sub></b>	=	The replicate factor for the $r^{\text{th}}$ replicate of sample case $i$
<b>Basewt<sub>i</sub></b>	=	The full-sample base weight of sample case $i$

#### **Step 5: Perform the Weighting Process**

The final step in the creating replicate weights for PPAS involves sending the full sample and each replicate sample through the weighting process. The weighting process could be a simple ratio adjustment or could involve the implementation of a succession of complex adjustments. After the weighting adjustments, we are able to calculate estimates of variance for any PPAS estimate.

The base weights of PPAS sample cases went through the following adjustments:

- ▶ CPS Special weight Adjustment derived from CPS subsampling probabilities,
- ▶ Basic CPS Noninterview Adjustment
- ▶ Person Selection Factor
- ▶ PPAS Noninterview Adjustment
- ▶ First-stage Ratio Adjustment to reduce variances due to the sampling of NSR PSUs
- ▶ PPAS second-stage Ratio Adjustment to reduce variances by controlling to independent estimates of the current population

The data user has to apply the module factor to the full sample weight and to each of the replicate weights. See Attachment 3, Overview – May 2008 Public Participation in the Arts for details of applying the module factor. The following example assumes that the module factor has been applied.

#### **An Example of the Replication Method**

In an attempt to reinforce the steps of the replication method used for PPAS, we will create replicate samples for a sample data set. Our sample data set consists of five cases, all from an SR PSU, and we will create four replicates for each sample case. The sample cases and their corresponding full-sample weights are as follows (please assume the cases in this example are ordered in a manner reflective of the sample design):

**Table 1. Sample Data for PPAS Replication Example**

Sample Case	Sample Weight
Case #1	15.00
Case #2	23.00
Case #3	19.00
Case #4	16.00
Case #5	21.00

Since we plan to create four replicates, we will need to construct a  $4 \times 4$  Hadamard matrix. An example of a  $4 \times 4$  Hadamard matrix is as follows:

$$H = \begin{vmatrix} +1 & +1 & +1 & +1 \\ +1 & -1 & +1 & -1 \\ +1 & +1 & -1 & -1 \\ +1 & -1 & -1 & +1 \end{vmatrix} \quad (4)$$

Recall that each sample case is assigned two rows of the Hadamard matrix. This assignment of rows begins with the second row and allows consecutive sample cases to share a row. The row assignments for the five sample cases are as follows:

**Table 2. Assignment of Rows for Sample Data**

Sample Case	Sample Weight	Row I	Row II
Case #1	15.00	2	3
Case #2	23.00	3	4
Case #3	19.00	4	2
Case #4	16.00	2	4
Case #5	21.00	4	3

If we apply the Row I and Row II values into formula (2) for case #1, we arrive at the following replicate factors:

$$\begin{aligned} RF_{11} &= 1 + \left[ (2)^{\frac{-3}{2}} \times h_{(2,1)} \right] - \left[ (2)^{\frac{-3}{2}} \times h_{(3,1)} \right] = 1 + \left[ \frac{1}{2\sqrt{2}} \times (1) \right] - \left[ \frac{1}{2\sqrt{2}} \times (1) \right] = 1.0 \\ RF_{12} &= 1 + \left[ (2)^{\frac{-3}{2}} \times h_{(2,2)} \right] - \left[ (2)^{\frac{-3}{2}} \times h_{(3,2)} \right] = 1 + \left[ \frac{1}{2\sqrt{2}} \times (-1) \right] - \left[ \frac{1}{2\sqrt{2}} \times (1) \right] = 0.3 \\ RF_{13} &= 1 + \left[ (2)^{\frac{-3}{2}} \times h_{(2,3)} \right] - \left[ (2)^{\frac{-3}{2}} \times h_{(3,3)} \right] = 1 + \left[ \frac{1}{2\sqrt{2}} \times (1) \right] - \left[ \frac{1}{2\sqrt{2}} \times (-1) \right] = 1.7 \\ RF_{14} &= 1 + \left[ (2)^{\frac{-3}{2}} \times h_{(2,4)} \right] - \left[ (2)^{\frac{-3}{2}} \times h_{(3,4)} \right] = 1 + \left[ \frac{1}{2\sqrt{2}} \times (-1) \right] - \left[ \frac{1}{2\sqrt{2}} \times (-1) \right] = 1.0 \end{aligned}$$

Recall that we determine the Hadamard matrix cell to use by the row value assigned in Table 2 and the column number corresponding to the replicate number. If we apply the Row I and Row II values in formula (2) for the remaining cases, the replicate factors will be as shown below in Table 3.

**Table 3. Replicate Factors for Sample Data**

Sample Case	Sample Weight	Replicate Factors			
		Replicate 1	Replicate 2	Replicate 3	Replicate 4
Case #1	15.00	1.0	0.3	1.7	1.0
Case #2	23.00	1.0	1.7	1.0	0.3
Case #3	19.00	1.0	1.0	0.3	1.7
Case #4	16.00	1.0	1.0	1.7	0.3
Case #5	21.00	1.0	0.3	1.0	1.7

Now that we have calculated the replicate factors for each sample case, we are ready to calculate the replicate weights using formula (3).

**Table 4. Replicate Weights for Sample Data**

Sample Case	Sample Weight	Replicate Weights			
		Replicate 1	Replicate 2	Replicate 3	Replicate 4
Case #1	15.00	15.00	4.50	25.50	15.00
Case #2	23.00	23.00	39.10	23.00	6.90
Case #3	19.00	19.00	19.00	5.70	32.30
Case #4	16.00	16.00	16.00	27.20	4.80
Case #5	21.00	21.00	6.30	21.00	35.70
<b>Sum of Weights</b>	<b>94.00</b>	<b>94.00</b>	<b>84.90</b>	<b>102.40</b>	<b>94.70</b>

The last step in the creation of the replicate weights is the implementation of any weighting adjustments. In our example, we use a ratio adjustment to control our sample to the population total of 100.00.

Therefore, we have to calculate a separate ratio adjustment factor for the full sample and for each replicate sample. In this example, the ratio adjustment factor formula is as follows:

$$RAF_r = \frac{100.00}{\sum_{i=1}^5 w_i} \quad (5)$$

where

- i** = The sample case (i = 1, 2, ..., 5)
- r** = The replicate sample (r = 0, 1, ..., 4)
- NOTE: Replicate 0 refers to the full sample**
- w<sub>i</sub>** = The weight for sample case i (either the full-sample weight or a replicate weight)
- RAF<sub>r</sub>** = The ratio adjustment factor for replicate sample r

Using formula (5), the ratio adjustment factors for the full sample and each replicate sample are calculated as follows:

- Full Sample RAF = (100.00 ÷ 94.00) = **1.0638**
- Replicate 1 RAF = (100.00 ÷ 94.00) = **1.0638**
- Replicate 2 RAF = (100.00 ÷ 84.90) = **1.1779**
- Replicate 3 RAF = (100.00 ÷ 102.40) = **0.9766**
- Replicate 4 RAF = (100.00 ÷ 94.70) = **1.0560**

To perform the ratio adjustment, multiply the full-sample and replicate weights by the corresponding ratio adjustment factor. The following table provides the ratio adjusted weights.

**Table 5. Ratio Adjusted Weights for Sample Data**

Sample Case	Full Sample Weight	Replicate Weights			
		Replicate 1	Replicate 2	Replicate 3	Replicate 4
Case #1	15.96	15.96	5.30	24.90	15.84
Case #2	24.47	24.47	46.06	22.46	7.29
Case #3	20.21	20.21	22.38	5.57	34.11
Case #4	17.02	17.02	18.85	26.56	5.07
Case #5	22.34	22.34	7.42	20.51	37.70
<b>Sum of Weights</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Using these ratio adjusted weights, we are ready to calculate estimates of variance for survey estimates. The next section discusses the calculation of variance estimates using replicates from the PPAS replication method.

### **Variance Estimation using the PPAS Replication Weights**

Once the PPAS replicates weights are formed, estimates of variance for any full-sample PPAS survey estimate is calculated using the following formula:

$$\text{Var}(y_o) = \frac{4}{k} \sum_{r=1}^k (y_r - y_o)^2 \quad (6)$$

where

- r** = The replicate sample (r = 1.....k)
- o** = The full sample
- k** = The total number of replicate samples (k = 160)
- y<sub>o</sub>** = The survey estimate using the full-sample weights
- y<sub>r</sub>** = The survey estimate using the replicate weights from replicate r

This variance estimate is the product of a constant and the sum of squared differences between each replicate survey estimate and the full-sample survey estimate.

### ***An Example of Replicate Variance Estimation***

Using the example set forth in the previous section, we will illustrate variance estimation using the PPAS replicate weights. Recall that our sample consists of five sample cases and four replicates per sample case. The goal of this section is to estimate the total number of persons who attended jazz in our population and its corresponding estimate of variance.

Assume that our five sample cases had the responses shown below in Table 6 when asked if they attended a live jazz performance during the time of interview.



**Table 6. Variance Estimation Using Sample Data**

Sample Case	Attend Jazz	Sample Weight	Replicate Weights			
			Replicate 1	Replicate 2	Replicate 3	Replicate 4
Case #1	<b>YES</b>	<b>15.96</b>	<b>15.96</b>	<b>5.30</b>	<b>24.90</b>	<b>15.84</b>
Case #2	NO	24.47	24.47	46.06	22.46	7.29
Case #3	<b>YES</b>	<b>20.21</b>	<b>20.21</b>	<b>22.38</b>	<b>5.57</b>	<b>34.11</b>
Case #4	<b>YES</b>	<b>17.02</b>	<b>17.02</b>	<b>18.85</b>	<b>26.56</b>	<b>5.07</b>
Case #5	NO	22.34	22.34	7.42	20.51	37.70

To calculate the full-sample survey estimate of the number of people who attended a jazz performance, we would add the full-sample weights of the sample cases that responded AYES@ to the jazz question. Therefore, the total estimate for the number of people who attended a jazz performance is calculated as follows:

- Full-Sample Attended Jazz Estimate = 15.96 + 20.21 + 17.02 = **53.19**

In order to calculate the variance estimate for this survey estimate, we must calculate the same survey estimate for each of the replicate samples. The replicate survey estimates are as follows:

- Replicate 1 Attended Jazz Estimate = 15.96 + 20.21 + 17.02 = **53.19**
- Replicate 2 Attended Jazz Estimate = 5.30 + 22.38 + 18.85 = **46.53**
- Replicate 3 Attended Jazz Estimate = 24.90 + 5.57 + 26.56 = **57.03**
- Replicate 4 Attended Jazz Estimate = 15.84 + 34.11 + 5.07 = **55.02**

Now we can use these survey estimates in formula (6) to calculate the variance estimate for the number of people who attended jazz estimate. The calculation of this variance estimate is as follows:

$$\begin{aligned}
 \text{Var}(y_o) &= \frac{4}{k} \sum_{r=1}^k (y_r - y_o)^2 \\
 &= \frac{4}{4} \times [(53.19 - 53.19)^2 + (46.53 - 53.19)^2 + (57.03 - 53.19)^2 + (55.02 - 53.19)^2] \\
 &= 44.3556 + 14.7456 + 3.3489 = 62.4501.
 \end{aligned}$$

Thus  $\text{Var}(y_o) = \mathbf{62.4501}$ .

Therefore, the survey estimate for the number of people who attended jazz population in our example is **53.19** people. This survey estimate has an estimated variance of **62.4501**, or a standard error of **7.90** people.

## References

- [1] Judkins, D. (1990) "Fay's Method for Variance Estimation," Journal of Official Statistics, Vol. 6, No. 3, 1990, pp.223-239.
- [2] Demographic Statistical Methods Division (October 2006), The Current Population Survey: Design and Methodology, U.S. Department of Commerce, U.S. Census Bureau, Technical Paper 66, Washington, D.C. <http://www.census.gov/prod/2006pubs/tp-66.pdf>.
- [3] Wolter, Kirk (1985), Introduction to Variance Estimation, New York: Springer-Verlag New York Inc.
- [4] Fay, Robert, and Train, George (1995), "Aspects of Survey and Model-Based Postcensal Estimation of Income and Poverty Characteristics for States and Counties," Proceedings of the Section on Government Statistics, American Statistical Association, Alexandria, VA, pp. 154-159.
- [5] Plackett, R.L. and Burman, J.P. (1946), "The Design of Optimal Multifactorial Experiments," Biometrika, 33, pp. 305-325.

## **ATTACHMENT 18**

### **Current Population Survey**

#### **Index of Variables**

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEQ1A	LIVE JAZZ PERFORMANCE DURING THE LAST 12 MONTHS
PEQ1B	HOW MANY JAZZ PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ2A	LIVE LATIN, SPANISH OR SALSA MUSIC PERFORMANCE DURING THE LAST 12 MONTHS
PEQ2B	MANY LATIN, SPANISH, OR SALSA PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ3A	LIVE CLASSICAL MUSIC PERFORMANCE SUCH AS SYMPHONY, CHAMBEROR CHORAL MUSIC DURING THE LAST 12 MONTHS
PEQ3B	HOW MANY CLASSICAL MUSIC PERFORMANCES DURING THE LAST 12 MONTHS
PEQ4A	LIVE OPERA DURING THE LAST 12 MONTHS
PEQ4B	HOW MANY OPERAS ATTENDED THE LAST 12 MONTHS
PEQ5A	LIVE MUSICAL STAGE PLAY DURING THE LAST 12 MONTHS
PEQ5B	HOW MANY MUSICAL STAGE PLAYS ATTENDED DURING THE LAST 12 MONTHS
PEQ6A	LIVE NON-MUSICAL STAGE PLAY DURING THE LAST 12 MONTHS
PEQ6B	HOW MANY NON-MUSICAL STAGE PLAYS ATTENDED DURING THE LAST 12 MONTHS
PEQ7A	LIVE BALLET PERFORMANCE DURING THE LAST 12 MONTHS
PEQ7B	HOW MANY BALLET PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ8AA	LIVE DANCE PERFORMANCE OTHER THAN BALLET, SUCH AS MODERNBROADWAY STYLE-LAST 12 MONTHS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEQ8B	HOW MANY OTHER DANCE PERFORMANCE ATTENDED DURING THE LAST 12 MONTHS
PEQ9A	DURING THE LAST 12 MONTHS DID YOU VISIT AN ART MUSEUM OR GALLERY
PEQ9B	HOW MANY ART MUSEUM GALLERY VISITS DURING THE LAST 12 MONTHS
PEQ10A	DURING THE LAST 12 MONTHS DID YOU VISIT A CRAFTS FAIR OR A VISUAL ARTS FESTIVAL
PEQ10B	DURING THE LAST 12 MONTHS DID YOU VISIT AN OUTDOOR FESTIVAL THAT FEATURED PERFORMING ARTISTS
PEQ11A	DURING THE LAST 12 MONTHS VISITS AN HISTORIC PARK OR MONUMENT, OR TOUR BUILDING OR NEIGHBORHOODS FOR THEIR HISTORIC OR DESIGN VALUE
PEQ12A	READ ANY BOOKS DURING THE LAST 12 MONTHS
PEQ12B	ABOUT HOW MANY BOOKS DID YOU READ DURING THE LAST 12 MONTHS
PEQ13AA1	DURING THE LAST 12 MONTHS DID YOU READ ANY NOVELS OR SHORT STORIES
PEQ13AA2	DURING THE LAST 12 MONTHS DID YOU READ ANY POETRY
PEQ13AA3	DURING THE LAST 12 MONTHS DID YOU READ ANY PLAYS
PEQ1A	LIVE JAZZ PERFORMANCE DURING THE LAST 12 MONTHS
PEQ1B	HOW MANY JAZZ PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ2A	LIVE LATIN SPANISH OR SALSA MUSIC PERFORMANCE DURING THE LAST 12 MONTHS
PEQ2B	HOW MANY LATIN, SPANISH, OR SALSA PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ3A	LIVE CLASSICAL MUSIC PERFORMANCE SUCH AS SYMPHONY, CHAMBER OR CHORAL MUSIC DURING THE LAST 12 MONTHS
PEQ3B	HOW MANY CLASSICAL MUSIC PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ4A	LIVE OPERA DURING THE LAST 12 MONTHS (CWGT)

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEQ4B	HOW MANY OPERAS ATTENDED DURING THE LAST 12 MONTHS
PEQ5A	LIVE MUSICAL STAGE PLAY DURING THE LAST 12 MONTHS
PEQ5B	HOW MANY MUSICAL STAGE PLAYS ATTENDED DURING THE LAST 12 MONTHS
PEQ6A	LIVE NON-MUSICAL PLAY THE LAST 12 MONTHS
PEQ6B	HOW MANY NON-MUSICAL PLAYS ATTENDED DURING THE LAST 12 MONTHS
PEQ7A	LIVE BALLET DURING THE LAST 12 MONTHS
PEQ7B	HOW MANY BALLET PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ8AA	LIVE DANCE PERFORMANCE OTHER THAN BALLET, SUCH AS MODERN, FOLK, TAP OR BROADWAY STYLE-LAST 12 MONTHS
PEQ8B	HOW MANY OTHER DANCE PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS
PEQ9A	DURING THE LAST 12 MONTHS DID YOU VISIT AN ART MUSEUM OR GALLERY
PEQ9B	HOW MANY ART MUSEUM/GALLERY VISITS DURING THE LAST 12 MONTHS
PEQ10A	DURING THE LAST 12 MONTHS DID YOU VISIT A CRAFTS FAIR OR A VISUAL ARTS FESTIVAL
PEQ10B	DURING THE LAST 12 MONTHS DID VISIT AN OUTDOOR FESTIVAL THAT FEATURED PERFORMING ARTISTS
PEQ11A	DURING THE LAST 12 MONTHS VISIT AN HISTORIC PARK OR MONUMENT, OR TOUR BUILDING OR NEIGHBORHOODS FOR THEIR HISTORIC OR DESIGN VALUE
PEQ12A	READ ANY BOOKS DURING THE LAST 12 MONTHS
PEQ12B	ABOUT HOW MANY BOOKS DID YOU READ DURING THE LAST 12 MONTHS
PEQ13AA1	DURING THE LAST 12 MONTHS DID YOU READ ANY NOVELS OR SHORT STORIES
PEQ13AA2	DURING THE LAST 12 MONTHS DID YOU READ ANY POETRY
PEQ13AA3	DURING THE LAST 12 MONTHS DID YOU READ ANY PLAYS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEA1A	READ ARTICLES, ESSAYS, OR BLOGS ON OR DOWNLOADED FROM INTERNET- LAST 12 MONTHS
PEA1B	READ NOVELS, SHORT STORIES, OR POETRY ON OR DOWNLOADED FROM INTERNET- LAST 12 MONTHS
PEA2	LISTEN TO ANY NOVELS, SHORT STORIES, OR POETRY EITHER LIVE RECORDED
PEA31	LIKES TO READ MYSTERIES
PEA310	LIKES TO READ OTHER NON-FICTION
PEA311	LIKES TO READ ANYTHING ELSE NOT ALREADY MENTIONED
PEA32	LIKES TO READ THRILLERS
PEA33	LIKES TO READ ROMANCE
PEA34	LIKES TO READ SCIENCE FICTION OF FANTASY
PEA35	LIKES TO READ OTHER FICTION
PEA36	LIKES TO READ HEALTH FITNESS OR SELF IMPROVEMENT BOOKS
PEA37	LIKES TO READ RELIGIOUS TEXT OR BOOKS ABOUT RELIGION OR SPIRITUALITY
PEA38	LIKES TO READ HISTORY OR POLITICAL BOOKS
PEA39	LIKES TO READ BIOGRAPHIES AND MEMOIRS
PEA411	LIKES TO LISTEN TO BLUEGRASS
PEA412	LIKES TO LISTEN TO FOLK MUSIC
PEA413	LIKES TO LISTEN TO HYMNS OR GOSPEL MUSIC
PEA414	LIKES TO LISTEN TO ANYTHING ELSE NOT ALREADY MENTIONED
PEA42	LIKES TO LISTEN TO OPERA
PEA43	LIKES TO LISTEN TO BROADWAY MUSICALS OR SHOW TUNES
PEA44	LIKES TO LISTEN TO JAZZ

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEA45	LIKES TO LISTEN TO CLASSIC ROCK OR OLDIES
PEA46	LIKES TO LISTEN TO CONTEMPORARY ROCK
PEA47	LIKES TO LISTEN TO RAP OR HIP HOP
PEA48	LIKES TO LISTEN TO BLUES OR RHYTHM AND BLUES
PEA49	LIKES TO LISTEN TO LATIN, SPANISH, OR SALSA
PEA5	WHICH MUSIC DO YOU LIKE BEST
PEA1A	READ ARTICLES, ESSAYS, OR BLOGS ON OR DOWNLOADED FROM INTERNET- LAST 12 MONTHS
PEA1B	READ NOVELS, SHORT STORIES, OR POETRY ON OR DOWNLOADED FROM INTERNET-LAST 12 MONTHS
PEA2	LISTEN TO ANY NOVELS, SHORT STORIES, OR POETRY EITHER LIVE RECORDED
PEA31	LIKES TO READ MYSTERIES
PEA310	LIKES TO READ OTHER NON-FICTION
PEA311	LIKES TO READ ANYTHING ELSE NOT ALREADY MENTIONED
PEA32	LIKES TO READ THRILLERS
PEA33	LIKES TO READ ROMANCE
PEA34	LIKES TO READ SCIENCE FICTION OF FANTASY
PEA35	LIKES TO READ OTHER FICTION
PEA36	LIKES TO READ HEALTH FITNESS OR SELF IMPROVEMENT BOOKS
PEA37	LIKES TO READ RELIGIOUS TEXT OR BOOKS ABOUT RELIGION OR SPIRITUALITY
PEA38	LIKES TO READ HISTORY OR POLITICAL BOOKS
PEA39	LIKES TO READ BIOGRAPHIES AND MEMOIRS
PEA41	LIKES TO LISTEN TO CLASSICAL OR CHAMBER MUSIC
PEA410	LIKES TO LISTEN TO COUNTRY MUSIC

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEA411	LIKES TO LISTEN TO BLUEGRASS
PEA412	LIKES TO LISTEN TO FOLK MUSIC
PEA413	LIKES TO LISTEN TO HYMNS OR GOSPEL MUSIC
PEA414	LIKES TO LISTEN TO ANYTHING ELSE NOT ALREADY MENTIONED
PEA414	LIKES TO LISTEN TO OPERA
PEA43	LIKES TO LISTEN TO BROADWAY MUSICALS OR SHOW TUNES
PEA44	LIKES TO LISTEN TO JAZZ
PEA45	LIKES TO LISTEN TO CLASSIC ROCK OR OLDIES
PEA46	LIKES TO LISTEN TO CONTEMPORARY ROCK
PEA47	LIKES TO LISTEN TO RAP OR HIP HOP
PEA48	LIKES TO LISTEN TO BLUES OR RHYTHM AND BLUES
PEA49	LIKES TO LISTEN TO LATIN, SPANISH, OR SALSA
PEA5	WHICH MUSIC DO YOU LIKE BEST
PEB1A	DURING THE LAST 12 MONTHS DID YOU USE THE INTERNET
PEB1B	HOW OFTEN DO YOU USUALLY ACCESS THE INTERNET
PEB2A	USE INTERNET TO WATCH LISTEN TO, OR DOWNLOAD LIVE OR RECORDED MUSIC, THEATER OR DANCE PERFORMANCES- LAST 12 MONTHS
PEB2B	WATCHING, LISTENING OR DOWNLOADING MUSIC, THEATER OR DANCE ONLINE SOMETHING YOU USUALLY DO
PEB3A	USE INTERNET TO VIEW ART ONLINE, SUCH AS PAINTINGS, SCULPTURE, OR PHOTOGRAPHY- LAST 12 MONTHS
PEB4A	USE INTERNET TO OBTAIN INFORMATION ABOUT MUSIC, THEATER OR DANCE PERFORMANCE OR ART EXHIBITS INCLUDING PURCHASING TICKETS ONLINE-LAST 12 MONTHS
PEB4B	IS OBTAIN ARTS INFORMATION OR TICKETS SOMETHING YOU USUALLY DO
PEB5A	USE INTERNET TO CREATE OR POST YOUR OWN ART ONLINE INCLUDING DESIGN, MUSIC, FILMS, VIDEO, OR CREATIVE WRITING LAST 12 MONTHS



<b><u>Variable</u></b>	<b><u>Description</u></b>
PEB5B	IS POSTING ART ONLINE SOMETHING YOU USUALLY DO
PEB6	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED JAZZ LAST 12 MONTHS
PEB7	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED LATIN, SPANISH OR SALSA MUSIC- LAST 12 MONTHS
PEB8	WATCH LISTEN TO A RECORDED OR LIVE BROADCASTED CLASSICAL MUSIC- LAST 12 MONTHS
PEB9	WATCH LISTEN TO A RECORDED OR LIVE BROADCASTED OPERA LAST 12 MONTHS
PEB10	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED MUSICAL STAGE PLAY –LAST 12 MONTHS
PEB11	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED NON-MUSICAL PLAY – LAST 12 MONTHS
PEB12	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED BALLET, MODERN, MODERN, FOLK, TAP, OR BROADWAY STYLE DANCE PERFORMANCE-LAST 12 MONTHS
PEB13	WATCH OR LISTEN TO A PROGRAM ABOUT ARTISITS, ART WORKS OR ART MUSEUMS- LAST 12 MONTHS
PEB14	WATCH OR LISTEN TO A PROGRAM ABOUT BOOKS OR WRITERS LAST 12 MONTHS
PEB1A	DURING THE LAST 12 MONTHS DID YOU USE THE INTERNET
PEB1B	HOW OFTEN DO YOU USUALLY ACCESS THE INTERNET
PEB2A	USE INTERNET TO WATCH LISTEN TO, OR DOWNLOAD LIVE OR THEATER OR DANCE PERFORMANCES-LAST 12 MONTHS
PEB2B	WATCHING, LISTENING OR DOWNLOADING MUSIC, THEATER OR DANCE ONLINE SOMETHING YOU USUALLY DO
PEB3A	USE INTERNET TO VIEW VISUAL ART ONLINE, SUCH AS PAINTINGS, SCULPTURE, OR PHOTOGRAPHY- LAST 12 MONTHS
PEB3B	IS VIEWING ART ONLINE SOMETHING YOU USUALLY DO
PEB4A	USE INTERNET TO OBTAIN INFORMATION ABOUT MUSIC, THEATER OR DANCE PERFORMANCES OR ART EXHIBITS INCLUDING PURCHASING TICKETS ONLINE- LAST 12 MONTHS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEB4B	IS OBTAIN ARTS INFORMATION OR TICKETS SOMETHING YOU USUALLY DO
PEB5A	USE INTERNET TO CREATE OR POST YOUR OWN ART ONLINE INCLUDING DESIGN, MUSIC, PHOTOGRAPHY, FILMS, VIDEO, OR CREATIVE WRITING-LAST 12 MONTHS
PEB5B	IS POSTING ART ONLINE SOMETHING YOU USUALLY
PEB6	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED JAZZ LAST 12 MONTHS
PEB7	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED LATIN, SPANISH OR SALSA MUSIC-LAST 12 MONTHS
PEB8	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED CLASSICAL MUSIC- LAST 12 MONTHS
PEB9	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED OPERA- LAST 12 MONTHS
PEB10	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED MUSICAL STAGE PLAY- LAST 12 MONTHS
PEB11	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED NON-MUSICAL STAGE PLAY- LAST 12 MONTHS
PEB12	WATCH OR LISTEN TO A RECORDED OR LIVE BROADCASTED BALLET, MODERN, FOLK, TAP, OR BROADWAY STYLE DANCE PERFORMANCE- LAST 12 MONTHS
PEB13	WATCH OR LISTEN TO A PROGRAM ABOUT ARTISTS, ART WORKS, OR ART MUSEUMS-LAST 12 MONTHS
PEB14	WATCH OR LISTEN TO A PROGRAM ABOUT OR WRITERS LAST 12 MONTHS
PEC1A	HOW MANY HOURS OF TV WATCHED ON AN AVERAGE DAY
PEC2A	GO TO THE MOVIES- LAST 12 MONTHS
PEC3A	ATTEND AN ELEMENTARY, MIDDLE, OR HIGH SCHOOL MUSIC, THEATER, OR DANCE PERFORMANCE- LAST 12 MONTHS
PEC4A	ATTEND THEATER OR DANCE PERFORMANCE AT A CHURCH, SYNAGOGUE, OR OTHER RELIGIOUS INSTITUTION- LAST 12 MONTHS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEC5A	GO TO ANY AMATEUR OR PROFESSIONAL SPORTS EVENTS LAST 12 MONTHS
PEC6A	JOG, LIFT WEIGHTS, WALK, OR PARTICIPATE IN ANY OTHER EXERCISE PROGRAM- LAST 12 MONTHS
PEC7A	PARTICIPATE IN ANY SPORTS ACTIVITY, SUCH AS SOFTBALL, BASKETBALL, GOLF, BOWLING, SKIING, OR TENNIS- LAST 12 MONTHS
PEC8A	PARTICIPATE IN ANY OUTDOOR ACTIVITIES SUCH AS CAMPLING, HIKING, OR CANOEING-LAST 12 MONTHS
PEC9A	WORK WITH INDOOR PLANTS OR DO ANY GARDENING FOR PLEASURE- LAST 12 MONTHS
PEC10A	WORK WITH POTTERY, CERAMICS, JEWELRY, OR DO ANY LEATHERWORK DURING LAST 12 MONTHS
PEC11A	DO ANY WEAVING, CROCHETING, QUILTING, NEEDLEPOINT OR SEWING- LAST 12 MONTHS
PEC12A	MAKE PHOTOGRAPHS, MOVIES, OR VIDEOTAPES AS AN ARTISTIC ACTIVITY- LAST 12 MONTHS
PEC13A	DO ANY PAINTING, DRAWING, SCULPTURE, OR PRINTMAKING ACTIVITIES- LAST 12 MONTHS
PEC14A	DO ANY CREATIVE WRITING SUCH AS STORIES, POEMS, OR PLAYS LAST 12 MONTHS
PEC14A	DO ANY CREATIVE WRITING SUCH AS STORIES, POEMS, OR PLAYS LAST 12 MONTHS
PEC15A	OWN ANY ORIGINAL PIECES OR ART SUCH AS PAINTINGS, DRAWINGS, SCULPTURE, PRINTS, OR LITHOGRAPHS
PEC15B	PURCHASE OR ACQUIRE ANY OF THESE PIECES DURING THE LAST 12 MONTHS
PEC16A	PLAY A MUSICAL INSTRUMENT- LAST 12 MONTHS
PEC16B	PERFORM OR REHEARSE ANY JAZZ MUSIC - LAST 12 MONTHS
PEC16C	PERFORM OR REHEARSE ANY CLASSICAL- LAST 12 MONTHS
PEC17A	SING ANY MUSIC IN AN OPERA- LAST 12 MONTHS
PEC18A	SING OR ACT IN A MUSICAL PLAY LAST 12 MONTHS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEC19A	ACT IN A MUSICAL PLAY LAST 12 MONTHS
PEC20A	SING WITH A CHORALE, CHOIR, OR GLEE CLUB, OR OTHER TYPE OF VOCAL GROUP-LAST 12 MONTHS
PEC21A	DANCE BALLET OR OTHER DANCE SUCH AS MODER, FOLK TAP, OR BROADWAY STYLE DANCE- LAST 12 MONTHS
PEC25A	PARTICIPATE IN ANY COMMUNITY ACTIVITIES, MEETINGS, OR EVENTS- LAST 12 MONTHS
PEC26A	DO ANY VOLUNTEER OR CHARITY WORK- LAST 12 MONTHS
PEC27A	DID YOU VOTE IN THE LAST 2004 PRESIDENTIAL ELECTION?
PEC1A	HOW MANY HOURS OF TV WATCHED ON AN AVERAGE DAY
PEC2A	GO TO THE MOVIES - LAST 12 MONTHS
PEC3A	ATTEND AN ELEMENTARY, MIDDLE, OR HIGH SCHOOL MUSIC, THEATER, OR DANCE PERFORMANCE- LAST 12 MONTHS
PEC4A	ATTEND THEATRE OR DANCE PERFORMANCE AT A CHURCH, SYNAGOGUE, OR OTHER RELIGIOUS INSTITUTION- LAST 12 MONTHS
PEC5A	GO TO ANY AMATEUR OR PROFESSIONAL SPORTS EVENT- LAST 12 MONTHS
PEC6A	JOG, LIFT WEIGHTS, WALK, OR PARTICPATE IN ANY OTHER EXERCISE PROGRAM- LAST 12 MONTHS
PEC7A	PARTICPATE IN ANY SPORTS ACTIVITY, SUCH AS SOFTBALL, BASKETBALL, GOLF, BOWLING, SKIING, OR TENNIS- LAST 12 MONTHS
PEC8A	PARTICIPATE IN ANY OUTDOOR ACTIVITIES SUCH AS CAMPLING, HIKING, OR CANOEING- LAST 12 MONTHS
PEC9A	WORK WITH INDOOR PLANTS OR DO ANY GARDENING FOR PLEASURE- LAST 12 MONTHS
PEC10A	WORK WITH POTTERY, CERAMICS, JEWELRY, OR DO ANY LEATHERWORK DURING LAST 12 MONTHS
PEC11A	DO ANY WEAVING, CROCHETIN, QUILTING, NEEDLEPOINT, OR SEWING- LAST 12 MONTHS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PEC12A	MAKE PHOTOGRAPHS, MOVIES OR VIDEOTAPES AS AN ARTISTIC LAST 12 MONTHS
PEC13A	DO ANY PAINTING, DRAWING, SCULPTURE, OR PAINTMAKING ACTIVITIES- LAST 12 MONTHS
PEC14A	DO ANY CREATIVE WRITING SUCH AS STORIES, POEMS, OR PLAYS- LAST 12 MONTHS
PEC15A	OWN ANY ORIGINAL PIECES OF ART SUCH AS PAINTING, DRAWING, SCULPTURE, PRINTS OR LITHOGRAPHS
PEC15B	PURCHASE OR ACQUIRE ANY OF THESE PIECES DURING THE LAST 12 MONTHS
PEC16A	PLAY A MUSICAL INSTRUMENT- LAST 12 MONTHS
PEC16B	PERFORM OR REHEARSE ANY JAZZ MUSIC- LAST 12 MONTHS
PEC16C	PERFORM OR REHEARSE ANY CLASSICAL MUSIC- LAST 12 MONTHS
PEC17A	SING ANY MUSIC IN AN OPERA- LAST 12 MONTHS
PEC18A	SING OR ACT IN A MUSICAL PLAY - LAST 12 MONTHS
PEC19A	ACT IN A NON- MUSICAL PLAY- LAST 12 MONTHS
PEC20A	SING WITH A CHORALE, CHOIR, OR GLEE CLUB, OR OTHER TYPE OF VOCAL GROUP- LAST 12 MONTHS
PEC21A	DANCE BALLET OR OTHER DANCE SUCH AS MODERN, FOLK, TAP, OR BROADWAY STYLE DANCE- LAST 12 MONTHS
PEC25A	PARTICIPATE IN ANY COMMUNITY ACTIVITIES, MEETINGS, OR EVENTS- LAST 12 MONTHS
PEC26A	DO ANY VOLUNTEER OR CHARITY WORK- LAST 12 MONTHS
PEC27A	DID YOU VOTE IN THE LAST 2004 PRESIDENTIAL ELECTION?
PED1A	EVER TAKEN LESSONS OR CLASSES IN MUSIC
PED1B	MUSIC CLASSES TAKEN AS
PED1C	WERE ANY OF THE MUSIC LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSON
PED1D	WERE ANY OF THE MUSIC LESSONS OR CLASSES TAKEN IN THE LAST 12 MONTHS

<b><u>Variable</u></b>	<b><u>Description</u></b>
PED2A	EVER TAKEN LESSONS OR CLASSES IN VISUAL ARTS
PED2B	VISUAL ARTS CLASSES TAKEN AS
PED2C	WERE ANY OF THE VISUAL ARTS LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED2D	WERE ANY OF THE VISUAL ARTS LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED3A	EVER TAKEN LESSONS OR CLASSES IN ACTING OR THEATER
PED3B	ACTING OR THEATER CLASSES TAKEN AS
PED3C	WERE ANY OF THE ACTING OR THEATER LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED3D	WERE ANY OF THE ACTING OR THEATER LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED4A	EVER TAKEN LESSONS OR CLASSES IN DANCE
PED4B	DANCE CLASSES TAKEN AS
PED4C	WERE ANY OF THE DANCE LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED4D	WERE ANY OF THE DANCE LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED5A	EVER TAKEN LESSONS OR CLASSES IN CREATIVE WRITING
PED5B	CREATIVE WRITING CLASSES TAKEN AS
PED5C	WERE ANY OF THE CREATIVE WRITING LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED5D	WERE ANY OF THE CREATIVE WRITING LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED6A	EVER TAKEN LESSONS OR CLASSES IN ART HISTORY OR ART APPRECIATION
PED6B	ART HISTORY OR ART APPRECIATION CLASSES TAKEN AS
PED6C	WERE ANY OF THE ART HISTORY OR ART APPRECIATION LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED6D	WERE ANY OF THE ART HISTORY OR ART APPRECIATION CLASSES TAKEN IN THE LAST YEAR

<b><u>Variable</u></b>	<b><u>Description</u></b>
PED7A	EVER TAKEN LESSONS OR CLASSES IN MUSIC APPRECIATION
PED7B	MUSIC APPRECIATION CLASSES TAKEN AS
PED7C	WERE ANY OF THE MUSIC APPRECIATION LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED7D	WERE ANY OF THE MUSIC APPRECIATION LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED1A	EVER TAKEN LESSONS OR CLASSES IN MUSIC
PED1B	MUSIC CLASSES TAKEN AS
PED1C	WERE ANY OF THE MUSIC LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED1D	WERE ANY OF THE MUSIC LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED2A	EVER TAKEN LESSONS OR CLASSES IN VISUAL ARTS
PED2B	VISUAL ARTS CLASSES TAKEN AS
PED2C	WERE ANY OF THE VISUAL ARTS LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED2D	WERE ANY OF THE VISUAL ARTS LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED3A	EVER TAKEN LESSONS OR CLASSES IN ACTING OR THEATER
PED3B	ACTING OR THEATER CLASSES TAKEN AS
PED3C	WERE ANY OF THE ACTING OR THEATER LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED3D	WERE ANY OF THE ACTING OR THEATER LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED4A	EVER TAKEN LESSONS OR CLASSES IN DANCE
PED4B	DANCE CLASSES TAKEN AS
PED4C	WERE ANY OF THE DANCE LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED4D	WERE ANY OF THE DANCE LESSONS OR CLASSES TAKEN IN THE LAST YEAR

<b><u>Variable</u></b>	<b><u>Description</u></b>
PED5A	EVER TAKEN LESSONS OR CLASSES IN CREATIVE WRITING
PED5B	CREATIVE WRITING CLASSES TAKEN AS
PED5C	WERE ANY OF THE CREATIVE WRITING LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED5D	WERE ANY OF THE CREATIVE WRITING LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED6A	EVER TAKEN LESSONS OR CLASSES IN ART HISTORY OR ART APPRECIATION
PED6B	ART HISTORY OR ART APPRECIATION TAKEN AS
PED6C	WERE ANY OF THE ART HISTORY OR ART APPRECIATION LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED6D	WERE ANY OF THE ART HISTORY OR ART APPRECIATION LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PED7A	EVER TAKEN LESSONS OR CLASSES IN MUSIC APPRECIATION
PED7B	MUSIC APPRECIATION CLASSES TAKEN AS
PED7C	WERE ANY OF THE MUSIC APPRECIATION LESSONS OR CLASSES TAKEN AS CHILD PRIVATE LESSONS
PED7D	WERE ANY OF THE MUSIC APPRECIATION LESSONS OR CLASSES TAKEN IN THE LAST YEAR
PEX1	FATHER'S HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED
PEX2	MOTHER'S HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED
PEX3	HOW MANY CHILDREN DO YOU HAVE BETWEEN AGES 5 AND 17
PEX4	ANY OF YOUR SCHOOL AGE CHILDREN TAKEN ANY PRIVATE ART CLASSES OR LESSONS
PEX4B	ANY OF THE PRIVATE LESSONS TAKE IN THE PAST YEAR
PEX5	ANY OF YOUR SCHOOL AGE CHILDREN ATTEND A LIVE MUSIC, THEATER, OR DANCE PERFORMANCE- LAST 12 MONTHS
PEX1	FATHER'S HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED
PEX2	MOTHER'S HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED
PEX3	HOW MANY CHILDREN DO YOU HAVE BETWEEN AGES 5 AND 17



<b><u>Variable</u></b>	<b><u>Description</u></b>
PEX4A	ANY OF YOUR SCHOOL AGE CHILDREN TAKEN ANY PRIVATE ART CLASSES OR LESSONS
PEX4B	ANY OF THE PRIVATE LESSONS TAKEN IN THE PAST YEAR
PEX5	ANY OF YOUR SCHOOL ATTEND A LIVE MUSIC, THEATER, OR DANCE PERFORMANCE- LAST 12 MONTHS

## ATTACHMENT 19

### USER NOTES

This section will contain information relevant to the *Current Population Survey, May 2008: Public Participation in the Arts Supplement File* that becomes available after the file is released. The cover letter to the updated information should be filed behind this page.