Public Use Microdata Sample, U.S. Virgin Islands

2000 Census of Population and Housing

2000

Technical Documentation

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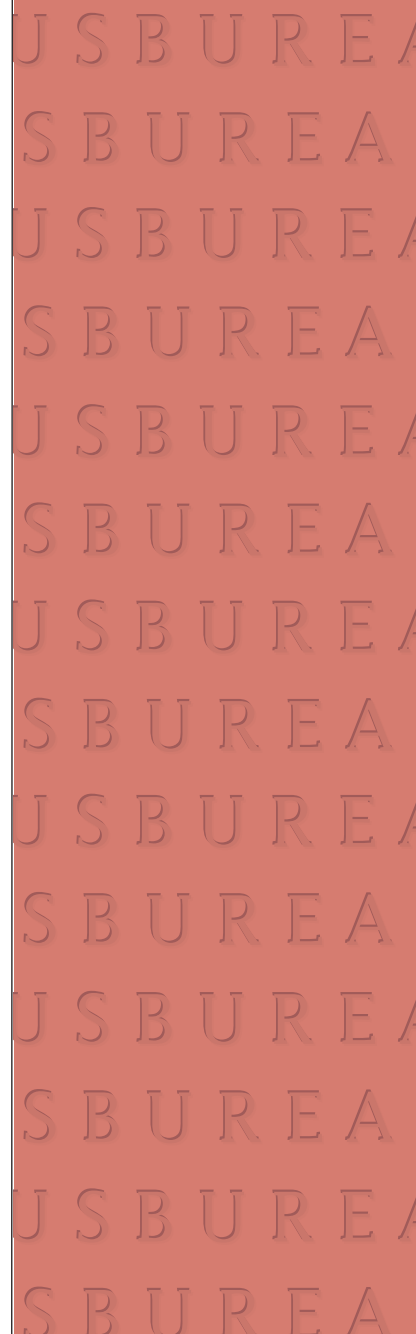
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Chapter 1.
Abstract

CITATION

U.S. Census Bureau, 2000 Census of Population and Housing, Public Use Microdata Sample, U.S. Virgin Islands: Technical Documentation, 2004.

TYPE OF FILE

Microdata

SUBJECT CONTENT

The Public Use Microdata Sample (PUMS) file contains records representing a 10-percent sample of the occupied and vacant housing units in the U.S. Virgin Islands and the people in the occupied units. Group quarters people also are included. The file contains a weight of 10 for each person and housing unit, which when applied to the individual records, expands the sample to the relevant total. Please see Chapter 6, Data Dictionary for a complete list of the variables and recodes.

Some of the items included on the housing record are: acreage; agricultural sales; allocation flags for housing items; bedrooms; condominium fee; condominium status; contract rent; cooking fuel; cost of utilities; family income in 1999; family, subfamily, and relationship recodes; gross rent; household income in 1999; household type; housing unit weight; kitchen facilities; meals included in rent; mobile home costs; mortgage payment; mortgage status; plumbing facilities; presence and age of own children; presence of subfamilies in household; real estate taxes; rooms; selected monthly owner costs; sewage disposal; size of building (units in structure); source of water; state code; telephone service; tenure; vacancy status; value (of housing unit); vehicles available; year householder moved into unit; and year structure built.

Some of the items included on the person record are: age; allocation flags for population items; citizenship; class of worker; disability status; earnings in 1999; educational attainment; father's place of birth; fertility; grandparents as caregivers; Hispanic or Latino; income in 1999 by type; industry; language spoken at home; marital status; means of transportation to work; mobility status; mother's place of birth; veteran period of service; years of military service; occupation; person's weight; personal care limitation; place of birth; place of work state; poverty status in 1999; race; relationship; school enrollment and type of school; time of departure for work; travel time to work; vehicle occupancy; vocational training; weeks worked in 1999; work limitation status; work status in 1999; and year of entry.

GEOGRAPHIC CONTENT

The 2000 PUMS file provides records for the U.S. Virgin Islands as a whole. Since the combined population is just over 100,000, there is no additional geography on the file.

USER UPDATES

The section on User Updates informs data users about corrections, errata, and related explanatory information. However, sometimes this information becomes available too late to be reflected in this related documentation. The most up-to-date compilation of Census 2000 user updates is available on the Census Bureau's Internet site at www.census.gov/main/www/cen2000.html. Users also can register to receive user updates by e-mail by contacting Customer Services Center, Marketing Services Office, U.S. Census Bureau on 301-763-INFO (4636) (webmaster@census.gov).

FILE ORDERING

For ordering and pricing information, access the online catalog at the Census Bureau's Internet site (www.census.gov) or contact the Census Bureau's Customer Services Center (301-763-INFO (4636)).

Chapter 2.
Introduction

OVERVIEW

Public use microdata sample files are ASCII files that contain individual records of the characteristics for a sample of people and housing units. Information that could identify a household or an individual is excluded in order to protect the confidentiality of respondents. Within the limits of the sample size, the geographic detail, and the confidentiality protection, these files allow users to prepare virtually any tabulation they require.

WHAT ARE MICRODATA?

Microdata are the individual records that contain information collected about each person and housing unit. They include the census basic record types, computerized versions of the questionnaires collected from households, as coded and edited during census processing. The Census Bureau uses these confidential microdata in order to produce the summary data that go into the various reports, summary files, and special tabulations. Public use microdata samples are extracts from the confidential microdata taken in a manner that avoids disclosure of information about households or individuals. For Census 2000, the microdata are only available to the public through the Public Use Microdata Sample (PUMS) products.

PROTECTING CONFIDENTIAL INFORMATION

All data released (in print or electronic media) by the Census Bureau are subject to strict confidentiality measures imposed by the legislation under which our data are collected: Title 13, U.S. Code. Responses to the questionnaire can be used only for statistical purposes, and Census Bureau employees are sworn to protect respondents' identities.

Because of the rapid advances in computer technology since 1990 and the increased accessibility of census data to the user community, the Census Bureau has had to adopt more stringent measures to protect the confidentiality of public use microdata through enhanced disclosure limitation techniques.

Confidentiality is protected, in part, by the use of the following processes: data-swapping, topcoding of selected variables, geographic population thresholds, age perturbation for large households, and reduced detail on some categorical variables.

Data swapping is a method of disclosure limitation designed to protect confidentiality in tables of frequency data (the number or percent of the population with certain characteristics). Data swapping is done by editing the source data or exchanging records for a sample of cases. Swapping is applied to individual records and, therefore, also protects microdata.

Top-coding is a method of disclosure limitation in which all cases in or above a certain percentage of the distribution are placed into a single category.

Geographic population thresholds prohibit the disclosure of data for individuals or housing units for geographic units with population counts below a specified level.

Age perturbation, that is, modifying the age of household members, is required for large households (households containing ten people or more) due to concerns about confidentiality.

Detail for categorical variables is collapsed if the number of occurrences in each category does not meet a specified national minimum threshold.

To maintain confidentiality, while retaining as much characteristic detail as possible, a minimum threshold of 30 nationally is set for the identification of variable categories within categorical variables in the 10-percent PUMS file.

USES OF MICRODATA FILES

Public use microdata files essentially allow "do-it-yourself" special tabulations. The Census 2000 file furnishes nearly all of the detail recorded on the questionnaires in the census, subject to the limitations of sample size, geographic identification, and confidentiality protection. Users can construct a wide variety of tabulations interrelating any desired set of variables. They have almost the same freedom to manipulate the data that they would have if they had collected the data in their own sample survey, yet these files offer the precision of census data collection techniques and sample sizes larger than would be feasible in most independent sample surveys.

Microdata samples are useful to users who are doing research that does not require the identification of specific small geographic areas or detailed crosstabulations for small populations. Microdata users frequently study relationships among census variables not shown in existing census tabulations, or concentrate on the characteristics of specially defined populations.

SAMPLE DESIGN AND SIZE

The microdata file (10 percent) is a stratified sample drawn from a universe that is defined as all occupied housing units, including all occupants, vacant housing units, people in institutions, and other group quarters in the U.S. Virgin Islands.

Like 1990, the file contains weights for both the housing unit and the people in the unit. The user can estimate the frequency of a particular characteristic for the entire population by summing the weight variables for records with that characteristic from the microdata file. A section of Chapter 5, Sampling Design and Estimation discusses the preparation and verification of estimates (see page 5-1).

Reliability improves with increases in sample size, so the choice of sample size must represent a balance between the level of precision desired and the resources available for working with microdata files. By using tables provided in Chapter 4 (see page 4-8), one can estimate the degree to which sampling error will affect any specific estimate prepared from a microdata file of a particular sample size.

SUBJECT CONTENT

Microdata files contain the full range of population and housing information collected in Census 2000. These files allow users to study how characteristics are interrelated (for example, income and educational attainment of husbands and wives).

Information for each housing unit in the sample appears on a 248-character record with geographic, household, and housing items, followed by a variable number of 248-character records with person-level information, one record for each member of the household. Information for each group quarters person in the sample appears on a 248-character pseudo housing unit record. Items on the housing record are listed beginning on page 6-1; items on the person record are listed beginning on page 6-4. Although the subjects are further defined in Appendix B of this document, it is important to note that some items on the microdata file were modified in order to provide protection for individual respondents.

The questionnaires were edited for completeness and consistency and substitutions or allocations were made for most missing data. Allocation flags appear interspersed throughout the file indicating each item that has been allocated. Thus, a user desiring to tabulate only actually observed values can eliminate variables with allocated values. Editing and allocation flags are discussed beginning on page 4-18.

GEOGRAPHIC CONTENT

The 2000 PUMS file provides records for the U.S. Virgin Islands as a whole. Since the combined population is just over 100,000, there is no additional geography on the file.

CORRESPONDING MICRODATA FROM EARLIER CENSUSES

PUMS files exist for the 1990 Census of the U.S. Virgin Islands and employed a 10-percent sample size. Very little comparability exists between geographic identifiers on the previous files, but housing and population characteristics are similar. Because of this similarity, microdata files from the most recent census are a rich resource for analysis of trends. Appendix B discusses historical comparability of items in greater detail.

Chapter 3.
How to Use This File

INTRODUCTION

This chapter serves as a guide for data users to both the data file and the technical documentation. Novice users trying to understand how to use the documentation and the file should read this chapter first.

DATA FORMAT AND ACCESS TOOLS

The 2000 Public Use Microdata Sample (PUMS) data file for the U.S. Virgin Islands is available in flat ASCII format on CD-ROM and for downloading via FTP from the Census Bureau web site. Users can utilize off-the-shelf standard statistical software packages to manipulate the data.

The 2000 PUMS file for the U.S. Virgin Islands is accompanied by an electronic data dictionary in a format that will allow the user to read in ASCII characters and prepare statements transforming the variables and their corresponding descriptions and values to the proper statements required by the software package of choice.

TECHNICAL DESCRIPTION

The 2000 PUMS file structure for the U.S. Virgin Islands is hierarchical and contains two basic record types of 248 characters each: the housing unit record and the person record. The PUMS files are released in this format because of the tremendous amount of data contained in one record.

Each record has a unique identifier (serial number) that links the people in the housing unit to the proper housing unit record. The inclusion of the serial number on both record types affords the option of processing the data either sequentially or hierarchically. The file is sorted to maintain the relationship between both record types, so that a user does not have to be concerned about keeping the record sequence as the file was delivered. Each housing unit record is followed by a variable number of person records, one for each occupant. Vacant housing units will have no person record, and selected people in group quarters will have a pseudo housing record and a person record. The only types of group quarters that are identified are institutional and noninstitutional.

A housing unit weight appears on the housing unit record and a person weight appears on the person record. Weights allow users to produce estimates that closely approximate published data in other products.

Geographic identifiers and subsample identifiers appear only on the housing unit record. Thus, most tabulations of person characteristics require manipulation of both housing unit and person records. The item "PERSONS" on the housing unit record indicates the exact number of person records following before the next housing unit record. This feature allows a program to anticipate what type of record will appear next, if necessary. Most statistical software packages are capable of handling the data either hierarchically or sequentially. Many users may still want to create extract files with household data repeated with each person's record. All fields are numeric with the following exceptions. (1) Record Type is either "H" or "P." (2) The Standard Occupational Classification (SOC)-based code for occupation and the North American Industry Classification System (NAICS)-based code for industry may have an "X" or "Y."

MACHINE-READABLE DOCUMENTATION

A machine readable "data dictionary " or record layout file is provided. A user can produce hard copy documentation for extract files or labels for tabulations created; or with minor modifications, can use the data dictionary file with software packages or user programs to automatically specify the layout of the microdata files.

PREPARING AND VERIFYING TABULATIONS

Estimation. Estimates of totals may be made from tabulations of public use microdata samples by using a simple inflation estimate, that is, summing the weights associated with that variable (e.g. for housing characteristics, use the housing unit weight; for person characteristics, use the person weight). Those users using subsample numbers to vary the sample size must apply an appropriate factor, or, otherwise adjust the weights to derive an appropriate estimation of totals. We further explain the use of weights and subsample numbers in Chapter 5, Sample Design and Estimation.

Estimation of percentages. A user can estimate percentages by simply dividing the weighted estimate of people or housing units with a given characteristic by the weighted sample estimate for the base. Normally, this yields the same as would be obtained if one made the computation using sample tallies rather than weighted estimates. For example, the percentage of housing units with telephone service in a 1-percent sample can be obtained by simply dividing the tally of sample housing units with telephone service by the total number of sample housing units.

Verifying tabulations. Producing desired estimates from the PUMS is relatively easy. File structure and coding of items is straightforward. There are no missing data (see the section "Use of Allocation Flags" in Chapter 4). Records not applicable for each item are assigned to specific NA categories, and it is frequently not necessary to determine in a separate operation whether a record is in the universe or not. PUMS "universe"and "variable" definitions may differ from other products produced from sample data primarily because of concerns about disclosure risks (e.g. PUMS files may have different topcodes, or the recodes may vary because the components were topcoded). Thus, user tabulations should be verified against other available tallies. Two ways for the user to verify estimates follow:

1. Using control counts from the samples. Total unweighted and weighted population and housing counts are provided. See Appendix H.

2. Using published data from Census 2000. Tabulations from the Census 2000 data base are available in the printed census publications and on the summary data file. Users may check the reasonableness of statistics derived from PUMS against these sources. A familiarity with summary data already available may also facilitate planning of tabulations to be made from microdata. Those publications series likely to be of greatest use for this purpose are listed in PHC-4, Social, Economic, and Housing Characteristics and the U.S. Virgin Islands Summary File. In comparing sample tabulations with published data, one must carefully note the universe of the published tabulation. For instance, on PUMS person records, Industry (character position 146-148) is reported for the civilian labor force and for people not in the labor force who reported having worked in 1995 or later. Industry tabulations in Census 2000 publications are presented only for the employed population.

Thus, a tally of industry for all people from whom industry is reported in PUMS records would not correspond directly to any published tabulation. A user should always pay particular attention to concept definitions, as presented in Appendix B, Definitions of Subject Characteristics. One cannot, of course, expect exact agreement between census publications that are based on the complete census count, full sample estimates, or a subsample of the census sample and user estimates based on tallies of a 10-percent or smaller sample. They will inevitably differ to some extent due to change in selection of actual cases for PUMS.

Chapter 4, Accuracy of the Microdata Sample Estimates, discusses sampling variability and its measurement. User experience has indicated that careful verification of sample tabulations is essential—so important that it may frequently be advisable to include additional cells in a tabulation for no other reason than to provide counts or to yield marginal totals, not otherwise available, which may be verified against available tabulations.

Chapter 4.
Accuracy of the Microdata Sample Estimates

INTRODUCTION

The tabulations prepared from a public use microdata sample (PUMS) are based on a 10-percent sample of the U.S. Virgin Islands Census 2000. The data summarized from this file are estimates of the actual figures that would have been obtained from a 100-percent enumeration. Estimates derived from this sample are expected to differ from the 100-percent figures because they are subject to sampling and non-sampling errors. Sampling error in data arises from the selection of people and housing units to be included in the sample. Nonsampling error affects both sample and 100-percent data and is introduced as a result of errors that may occur during the data collection and processing phases of the census. This chapter provides a detailed discussion of both sampling and nonsampling error and a description of the estimation procedures.

In the PUMS, the basic unit is an individual housing unit and the people who live in occupied housing units or group quarters. However, microdata records in these samples do not contain names or addresses. A more detailed discussion of methods to protect confidentiality of individual responses follows.

CONFIDENTIALITY OF THE DATA

The Census Bureau has modified or suppressed some data in this data release to protect confidentiality. Title 13 United States Code, Section 9, prohibits the Census Bureau from publishing results in which an individual can be identified. The Census Bureau's internal Disclosure Review Board sets the confidentiality rules for all data releases. A checklist approach is used to ensure that all potential risks to the confidentiality of the data are considered and addressed.

Title 13, United States Code. Title 13 of the United States Code authorizes the Census Bureau to conduct censuses and surveys. Section 9 of the same Title requires that any information collected from the public under the authority of Title 13 be maintained as confidential. Section 214 of Title 13 and Sections 3559 and 3571 of Title 18 of the United States Code provide for the imposition of penalties of up to 5 years in prison and up to $250,000 in fines for wrongful disclosure of confidential census information.

Disclosure Limitation. Disclosure limitation is the process for protecting the confidentiality of data. A disclosure of data occurs when someone can use published or released statistical information to identify an individual who provided information under a pledge of confidentiality. Using disclosure limitation procedures, the Census Bureau modifies or removes the characteristics that put confidential information at risk for disclosure. Although it may appear that the PUMS files show information about a specific individual, the Census Bureau has taken steps to disguise the original data while making sure the results are still useful. The techniques used by the Census Bureau to protect confidentiality in tabulations vary, depending on the type of data.

Data Swapping. Data swapping is a method of disclosure limitation designed to protect confidentiality in data (the number or percentage of the population with certain characteristics). Data swapping is done by editing the source data or exchanging records for a sample of cases. A sample of households is selected and matched on a set of selected key variables with households in neighboring geographic areas that have similar characteristics. Because the swap often occurs within a neighboring area, there is usually no effect on the marginal totals for the area or for totals that include data from multiple areas. Data swapping procedures were first used in the 1990 census and were also used for Census 2000.

Since microdata records are the actual housing unit and person records, the Census Bureau takes further steps to prevent the identification of specific individuals, households, or housing units. The main disclosure avoidance method used is to limit the geographic detail shown in the files. A geographic area must have a minimum population of 100,000 to be fully identified. Thus, the only geography indicated on the PUMS is the U.S. Virgin Islands itself. Furthermore, certain variables are topcoded, or the actual values of the characteristics are replaced by a descriptive statistic, such as the mean.

ERRORS IN THE DATA

Since the estimates that users produce are based on a sample, they may differ somewhat from 100-percent figures that would have been obtained if all housing units, persons within those housing units, and people living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, and so forth. The sample estimate also would differ from other samples of housing units, people within those housing units, and people living in group quarters. The deviation of a sample estimate from the average of all possible samples is called the *sampling error*. The *standard error* of a sample estimate is a measure of the variation among the estimates from all possible samples. Thus, it measures the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this product is described in the section called "Calculation of Standard Errors."

In addition to the variability that arises from the sampling procedures, both sample data and 100-percent data are subject to *nonsampling error*. Nonsampling error may be introduced during any of the various complex operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A detailed discussion of the sources of nonsampling error is given in the section on "Nonsampling Error" in this chapter.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and, therefore, should be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and 100-percent data biased in that direction. For example, if respondents consistently tend to underreport their incomes, then the resulting counts of households or families by income category will tend to be understated for the higher income categories and overstated for the lower income categories. Such systematic biases are not reflected in the standard error.

CALCULATION OF STANDARD ERRORS

Two methods for estimating standard errors of estimated totals and percentages are described in this section. The first method is very simple. This method uses standard errors that have been calculated for specific sizes of estimated totals and percentages given in Tables A and B, presented later in this section. The estimated standard errors shown in Tables A and B were calculated assuming simple random sampling, while the microdata sample was selected using a systematic sampling procedure. The numbers shown in Table C, referred to as design factors, are defined as the ratio of the standard error from the actual sample design to the standard error from a simple random sample.

The standard errors in Tables A and B used in conjunction with the appropriate design factors from Table C produce a reasonable measure of reliability for microdata sample estimates. A second, alternative methodology by which more precise standard errors can be obtained requires additional data processing and file manipulation. This method uses the formulas directly. The trade off is an

increase in precision for more data processing. Given the technology available today, the second method is preferable and strongly recommended. However, the standard error tables may be very useful in producing acceptable approximations of the standard errors. On the other hand, for many statistics, particularly from detailed cross-tabulations, standard errors using the second method are applicable to a wider variety of statistics, such as means and ratios.

To produce standard error estimates, one obtains (1) the unadjusted standard error for the characteristic that would result from a simple random sample design (of people, families, or housing units) and estimation methodology; and (2) a design factor, which partially reflects the effects of the actual sample design and estimation procedure used for the 2000 U.S. Virgin Islands PUMS, for the particular characteristic estimated. In general, these design factors provide conservative estimates of the standard error. In addition, these factors only pertain to individual data items (e.g., educational attainment, employment status) and are not entirely appropriate for use with detailed cross-tabulated data. To calculate the approximate standard error of an estimate from the 10-percent sample follow the steps given below.

1. Obtain the unadjusted standard error from Table A for estimated totals or from Table B for estimated percentages. Alternately, the formula given at the bottom of each table may be used to calculate the unadjusted standard error.

     In using Table A or the corresponding formula for estimated totals, use weighted figures rather than unweighted sample counts to select the appropriate row. To select the applicable column for person characteristics, use the total population in the U.S. Virgin Islands (not just the total of the universe being examined), or use the total count of housing units in the U.S. Virgin Islands if the estimated total is a housing unit characteristic. Similarly in using Table B or the corresponding formula for estimated percentages, use weighted figures to select the appropriate column.

2. Use Table C to obtain the design factor for the characteristic (e.g., place of birth or educational attainment). If the estimate is a cross-tabulation of more than one characteristic, scan Table C for each appropriate factor and use the largest factor. Multiply the unadjusted standard error from Step 1 by this design factor.

Totals and Percentages. Tables A through C at the end of this chapter contain the necessary information for calculating standard errors of sample estimates in this data product. To calculate the standard error, it is necessary to know:

- The unadjusted standard error for the characteristic (given in Table A for estimated totals or Table B for estimated percentages) that would result under a simple random sample design of people, housing units, households, or families.

- The design factor for the particular characteristic estimated based on the sample design and estimation techniques (given in Table C).

     The design factor is the ratio of the estimated standard error to the standard error of a simple random sample. The design factors reflect the effects of the actual sample design and estimation procedure used for the Census 2000 U.S. Virgin Islands PUMS.

- The estimated number of people, housing units, households, or families in the geographic area tabulated.

Use the steps given below to calculate the standard error of an estimated total or percentage contained in this product. A percentage is defined here as a ratio of a numerator to a denominator multiplied by 100 where the numerator is a subset of the denominator. For example, the

percentage of Black or African American teachers is the ratio of Black or African American teachers to all teachers multiplied by 100.

1. Obtain the unadjusted standard error from Table A or B (or use the formula given below the table) for the estimated total or percentage, respectively.

2. Use Table C to obtain the appropriate design factor, based on the characteristic (Employment status, School enrollment, etc.)

3. Multiply the unadjusted standard error by this design factor.

The unadjusted standard errors of zero estimates or of very small estimated totals or percentages will approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the publication areas to which they correspond. Nevertheless, these estimated totals and percentages are still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate. For estimated percentages that are less than 2 or greater than 98, use the unadjusted standard errors in Table B that appear in the "2 or 98" row.

Examples using Tables A through C are given in the section titled "Using Tables to Compute Standard Errors and Confidence Intervals."

Sums and Differences. The standard errors estimated from Tables A and B are not directly applicable to sums of and differences between two sample estimates. To estimate the standard error of a sum or difference, the tables are to be used somewhat differently in the following three situations:

1. For the sum of, or difference between, a sample estimate and a 100-percent value use the standard error of the sample estimate. The complete count value is not subject to sampling error.

2. For the sum of or difference between two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors $SE(\hat{X})$ and $SE(\hat{Y})$ of estimates $\hat{X}$ and $\hat{Y}$, respectively:

$$SE(\hat{X} + \hat{Y}) = SE(\hat{X} - \hat{Y}) = \sqrt{[SE(\hat{X})]^2 + [SE(\hat{Y})]^2}$$

This method is, however, an approximation as the two estimates of interest in a sum or a difference are likely to be correlated. If the two quantities X and Y are positively correlated, this method underestimates the standard error of the sum of $\hat{X}$ and $\hat{Y}$ and overestimates the standard error of the difference between the two estimates. If the two estimates are negatively correlated, this method overestimates the standard error of the sum and underestimates the standard error of the difference.

This method may also be used for the sum of or the difference between sample estimates from two censuses or from a census sample and another survey. The standard error for estimates not based on the 2000 U.S. Virgin Islands PUMS must be obtained from an appropriate source outside of this chapter.

3. For the differences between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest. For example, to determine the estimate of non-Black or African American teachers, subtract

the estimate of Black or African American teachers from the estimate of total teachers. To determine the standard error of the estimate of non-Black or African American teachers, apply the above formula directly.

Ratios. Frequently, the statistic of interest is the ratio of two variables, where the numerator is not a subset of the denominator. An example is the ratio of students to teachers in public elementary schools. (Note that this method cannot be used to compute a standard error for a sample mean.) The standard error of the ratio between two sample estimates is estimated as follows:

1. If the ratio is a proportion, then follow the procedure outlined for "Totals and Percentages."

2. If the ratio is not a proportion, then approximate the standard error using the formula:

$$SE\left(\frac{\hat{X}}{\hat{Y}}\right) = \left(\frac{\hat{X}}{\hat{Y}}\right)\sqrt{\frac{[SE(\hat{X})]^2}{\hat{X}^2} + \frac{[SE(\hat{Y})]^2}{\hat{Y}^2}}$$

Medians. The sampling variability of an estimated median depends on the form of the distribution and the size of its base. The standard error of an estimated median is approximated by constructing a 68 percent confidence interval. Estimate the 68 percent confidence limits of a median based on sample data using the following procedure.

1. Obtain the frequency distribution for the selected variable. Cumulate these frequencies to yield the base.

2. Determine the standard error of the estimate of 50 percent from the distribution using the formula:

$$SE(50 \; percent) = \sqrt{\left(\frac{9}{base} \times 50^2\right)} \times Design \; Factor$$

3. Subtract from and add to 50 percent the standard error determined in step 2.

$$p\_lower = 50 - SE \; (50 \; percent)$$

$$p\_upper = 50 + SE \; (50 \; percent)$$

4. Determine the category in the distribution containing *p_lower* and the category in the distribution containing *p_upper*.

   If *p_lower* and *p_upper* fall in the same category, follow the steps below. If *p_lower* and *p_upper* fall in different categories, go to step 7.

   - Define A1 as the smallest value in that category.
   - Define A2 to be the smallest value in the next (higher) category.
   - Define C1 as the cumulative percent of units strictly less than A1.
   - Define C2 as the cumulative percent of units strictly less than A2.

5. Use the following formulas with *p_lower*, *p_upper*, A1, A2, C1, and C2 to determine lower and upper bounds for a confidence interval about the median:

$$Lower\ Bound = \left(\frac{p\_lower - C1}{C2 - C1} \right) \times (A2 - A1) + A1$$

$$Upper\ Bound = \left(\frac{p\_upper - C1}{C2 - C1} \right) \times (A2 - A1) + A1$$

6. Divide the difference between the lower and upper bounds, determined in step 5, by two to obtain the estimated standard error of the estimated median:

$$SE(median) = \frac{Upper\ Bound - Lower\ Bound}{2}$$

7.a. For the category containing *p_lower*, define the values A1, A2, C1, and C2 as described in step 4 above. Use these values and the formula in step 5 to obtain the Lower Bound.

7.b. For the category containing *p_upper*, define a new set of values for A1, A2, C1, and C2 as described in step 4. Use these values and the formula in step 5 to obtain the Upper Bound.

8. Use the Lower Bound and Upper Bound obtained in step 7 and the formula in step 6 to calculate the standard error of the estimated median.

Means. A mean is defined here as the average quantity of some characteristic (other than the number of people, housing units, households, or families) per person, housing unit, household, or family. For example, a mean could be the average annual income of females age 25 to 34. The standard error of a mean can be approximated by the formula below. Because of the approximation used in developing this formula, the estimated standard error of the mean obtained from this formula will generally underestimate the true standard error.

The formula for estimating the standard error of a mean, $\bar{x}$, from the 10-percent sample is:

$$SE(\bar{x}) = \sqrt{\left(\frac{9}{base} \times s^2 \right)} \times Design\ Factor$$

where s^2 is the estimated population variance of the characteristic and the *base* is the total number of units in the population. The population variance, s^2, may be estimated using data that has been grouped into intervals.

For this method, the range of values for the characteristic is divided into c intervals, where the lower and upper boundaries of interval j are L_j and U_j, respectively. Each person is placed into one of the c intervals such that the value of the characteristic is between L_j and U_j. The estimated population variance, s^2, is then given by:

$$s^2 = \sum_{j=1}^{c} p_j m_j^{\ 2} - (\bar{x})^2$$

where p_j is the estimated proportion of people in interval j (based on weighted data) and m_j is the midpoint of the jth interval, calculated as:

$$m_j = \frac{L_j + U_j}{2}.$$

If the cth interval is open-ended, (i.e., no upper interval boundary exists) then approximate m_c by:

$$m_c = \left(\frac{3}{2}\right)L_c.$$

The estimated sample mean, $\bar{x}$, can be obtained using the following formula:

$$\bar{x} = \sum_{j=1}^{c} p_j m_j.$$

Confidence Intervals. A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability.

For example, if all possible samples that could result under the 2000 U.S. Virgin Islands PUMS design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

1. *68 percent confidence interval.* Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples.

2. *90 percent confidence interval.* Approximately 90 percent of the intervals from 1.645 times the estimated standard error below the estimate to 1.645 times the estimated standard error above the estimate would contain the average result from all possible samples.

3. *95 percent confidence interval.* Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The average value of the estimated characteristic that could be derived from all possible samples either is or is not contained in any particular computed interval. Thus, the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval cannot be made. Rather, one can say with a specified probability of confidence that the calculated confidence interval includes the average estimate from all possible samples.

Confidence intervals also may be constructed for the ratio, sum of, or difference between two sample estimates. First compute the ratio, sum, or difference. Next, obtain the standard error of the ratio, sum, or difference (using the formulas given earlier). Finally, form a confidence interval for this estimated ratio, sum, or difference as above. One can then say with specified confidence that this interval includes the ratio, sum, or difference that would have been obtained by averaging the results from all possible samples.

Calculating the Confidence Interval from the Standard Error. To calculate the lower and upper bounds of the 90 percent confidence interval around an estimate using the standard error, multiply the standard error by 1.645, then add and subtract the product from the estimate.

$$Lower\ bound = Estimate - (Standard\ Error \times 1.645)$$

$$Upper\ bound = Estimate + (Standard\ Error \times 1.645)$$

Limitations. Be careful when computing and interpreting confidence intervals. The estimated standard errors given in this chapter do not include all portions of the variability due to nonsampling error that may be present in the data. In addition to sampling variance, the standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard errors calculated represent a lower bound of that total error. As a result, confidence intervals formed using these estimated standard errors might not meet the stated levels of confidence (i.e., 68, 90, or 95 percent). Thus, be careful interpreting the data in this data product based on the estimated standard errors.

A standard sampling theory text should be helpful if the user needs more information about confidence intervals and nonsampling errors.

Zero or small estimates; very large estimates.   The value of almost all Census 2000 characteristics is greater than or equal to zero by definition. The method given previously for calculating confidence intervals relies on large sample theory and may result in negative values for zero or small estimates, which are not admissible for most characteristics. In this case, the lower limit of the confidence interval is set to zero by default. A similar caution holds for estimates of totals that are close to the population total and for estimated proportions near one, where the upper limit of the confidence interval is set to its largest admissible value. In these situations, the level of confidence of the adjusted range of values is less than the prescribed confidence level.

Using Tables to Compute Standard Errors and Confidence Intervals

NOTE: The following examples do not contain actual estimates or standard errors derived from this data product. The numbers are used for illustration purposes only.

Example 1: Standard Error of a Total. Suppose we tally the 10-percent public use microdata sample for the U.S. Virgin Islands and the sum of PUMS weights for all persons in the U.S. Virgin Islands is 109,390. The sum of the PUMS weights for those people who are age 16 years and over and in the civilian labor force is 59,948.

The basic standard error for the estimated total is obtained from Table A or from the formula given below Table A. To avoid interpolation, the use of the formula will be demonstrated here. The formula for the basic standard error, SE, is:

$$SE\ (\hat{Y}) = \sqrt{9\,(\hat{Y})\left(1 - \frac{\hat{Y}}{N}\right)}$$

In the example,

$$SE(59{,}948) = \sqrt{9(59{,}948)\left(1 - \frac{59{,}948}{109{,}390}\right)} = 494 \text{ people.}$$

The standard error of the estimated 59,948 persons 16 years and over who were in the civilian labor force is found by multiplying the basic standard error, 494, by the appropriate design factor (Employment status) from Table C. Suppose the design factor for "Employment status" is 1.2, then the standard error is

$$SE(59{,}948) = 494 \times 1.2 = 593 \text{ people.}$$

Note that in this example the total weighted count of people in the U.S. Virgin Islands of 109,390 was used.

Example 2: Standard Error of a Percent. Suppose there are 95,763 persons in the U.S. Virgin Islands aged 16 years and over. The estimated percent of persons 16 years and over who were in the civilian labor force, $\hat{p}$, is 62.6. The formula for the unadjusted standard error of a percentage given below Table B, is:

$$SE\,(\hat{p}) = \sqrt{\frac{9}{B}\,\hat{p}\,(100 \;-\; \hat{p})}\,.$$

Therefore, using the formula given below Table B, the unadjusted standard error is found to be approximately 0.47 percent.

$$SE(62.6) = \sqrt{\frac{9}{95{,}763}\,62.6(100 - 62.6)} = 0.47 \text{ percentage points.}$$

The standard error for the estimated 62.6 percent of persons 16 years and over who were in the civilian labor force is $0.47 \times 1.2 = 0.56$ percentage points. Note that in this example the base is defined as the weighted count of persons 16 years old and over, 95,763.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner are approximate. Calculations can be expressed to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than two decimal places.

Example 3: Computing a Confidence Interval. In example 1, the standard error of the 59,948 people 16 years and over who were in the civilian labor force was approximately 593. Thus, a 90 percent confidence interval for this estimated total is:

$$[59{,}948 - (1.645 \times 593)] \text{ to } [59{,}948 + (1.645 \times 593)]$$
$$\text{or}$$
$$[58{,}973,\ 60{,}923]$$

One can say that 90 percent of the intervals constructed from repeated samples of the same population will contain the value obtained by averaging all possible values.

Example 4: Computing a Confidence Interval for a Sum or Difference. Suppose the number of males in the U.S. Virgin Islands age 16 years and over and who were in the civilian labor force was 35,200 and the estimated total number of males 16 years and over was 46,272. Thus, the estimated percentage of males 16 years and over who were in the civilian labor force is approximately 76.1 percent. Using the formula below Table B, the unadjusted standard error is approximately 0.59 percentage points. Assume Table C shows the design factor to be 1.2 for "Employment status." Thus, the approximate standard error of the percentage (76.1 percent) is 0.59 x 1.2 = 0.71 percentage points.

Suppose the same data is collected for females and the estimated percentage of females 16 years and over who were in the civilian labor force is 48.2 percent with an approximate standard error of 0.82 percent.

Now suppose that one wished to obtain the standard error of the difference between the percentage of males and females who were 16 years and over and who were in the civilian labor force. The difference in the percentages of interest for the two sexes is:

$$76.1 - 48.2 = 27.9 \text{ percent.}$$

Using the male and female results for this example:

$$SE(27.9) = \sqrt{(SE(76.1))^2 + (SE(48.2))^2} = \sqrt{(0.71)^2 + (0.82)^2}$$

$$= 1.08 \text{ percentage points.}$$

The 90 percent confidence interval for the difference is formed as before:

$$[27.9 - (1.645 \times 1.08)] \text{ to } [27.9 + (1.645 \times 1.08)]$$
$$\text{or}$$
$$[26.1, 29.7].$$

One can say with 90 percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

When, as in this example, the interval does not include zero, one can conclude, again with 90 percent confidence, that the difference observed between the two sexes for this characteristic is greater than can be attributed to sampling error.

Example 5: Computing the Standard Error and Confidence Interval for a Ratio. For reasonably large samples, ratio estimates are approximately normally distributed, particularly for the census population. Therefore, if we can calculate the standard error of a ratio estimate, then we can form a confidence interval around the ratio.

Suppose that one wished to obtain the standard error of the ratio of the estimate of males who were 16 years and over and who were in the civilian labor force to the estimate of females who were 16 years and over and who were in the civilian labor force. If the estimates for males and females are 35,200 and 23,855, respectively, and the standard errors are 579 and 504, respectively, then the ratio of the two estimates of interest is:

$$35,200 / 23,855 = 1.48$$

The standard error of the ratio is:

$$SE(1.48) = \left(\frac{35,200}{23,855}\right)\sqrt{\frac{(579)^2}{(35,200)^2} + \frac{(504)^2}{(23,855)^2}}$$

$$= 0.04.$$

Using the results above, the 90 percent confidence interval for this ratio would be:

$$[1.48 - (1.645 \times 0.04)] \text{ to } [1.48 + (1.645 \times 0.04)]$$
$$\text{or}$$
$$[1.41, 1.55]$$

Example 6: Computing the Standard Error and Confidence Interval of a Median. The following example shows the steps for calculating an estimated standard error and confidence interval for the median property value.

1. Suppose the design factor in Table C for the housing characteristic "Value – owner occupied housing unit" is 1.2.

2. Obtain the weighted frequency distribution for property values. The base is the sum of the weighted frequencies (4,227).

Table 1. Frequency Distribution and Cumulative Totals for Property Value

Property value	Frequency	Cumulative sum	Cumulative percent
Less than $50,000................	1,548	1,548	36.62
$50,000 to $99,999...............	820	2,368	56.02
$100,000 to $149,999...........	752	3,120	73.81
$150,000 to $199,999...........	524	3,644	86.21
$200,000 to $299,999...........	300	3,944	93.30
$300,000 to $499,999...........	248	4,192	99.17
$500,000 or more...............	35	4,227	100.00

3. Determine the standard error of the estimate of 50 percent from the distribution:

$$SE(50\ percent) = \sqrt{\left(\frac{9}{4,227} \times 50^2 \right) \times 1.2}$$

$$= 2.77 \text{ percentage points.}$$

4. Calculate a confidence interval with bounds:

$$p\_lower = 50 - 2.77 = 47.23 \text{ percent}$$

$$p\_upper = 50 + 2.77 = 52.77 \text{ percent.}$$

From the given distribution, the category with the cumulative percent first exceeding 47.23 percent is $50,000 to $99,999. Therefore, A1 = $50,000. C1 is the cumulative percent of housing units with value less than $50,000. As a result, C1 = 36.62 percent.

The category with the cumulative percent that first exceeds 52.77 percent is also $50,000 to $99,999. A2 is the smallest value in the next (higher) category, resulting in A2 = $100,000. C2 is the cumulative percent of housing units with value less than $100,000. Thus, C2 = 56.02 percent.

5. Given the values obtained in earlier steps, calculate the Lower and Upper Bounds of the confidence interval about the median:

$$Lower\ Bound = \left(\frac{47.23 - 36.62}{56.02 - 36.62}\right) \times (\$100,000 - \$50,000) + \$50,000$$

$$Upper\ Bound = \left(\frac{52.77 - 36.62}{56.02 - 36.62}\right) \times (\$100,000 - \$50,000) + \$50,000$$

The confidence interval is [$77,345 , $91,624].

6. The estimated standard error of the median is:

$$SE(median) = \frac{\$91,624 - \$77,345}{2} = \$7,140$$

Example 7: Computing the Standard Error of a Mean. This example shows the steps for calculating the standard error for the average commuting time for those who commute to work. The frequency distribution is given in Table 2.

Table 2. Frequency Distribution for Travel Time to Work

Travel time to work	Frequency
Did not work at home:	**776,619**
Less than 5 minutes....................	14,602
5 to 9 minutes.............................	69,066
10 to 14 minutes.........................	107,161
15 to 19 minutes.........................	138,187
20 to 24 minutes.........................	139,726
25 to 29 minutes.........................	52,879
30 to 34 minutes.........................	120,636
35 to 39 minutes.........................	19,751
40 to 44 minutes.........................	25,791
45 to 59 minutes.........................	50,322
60 to 89 minutes.........................	29,178
90 or more minutes......................	9,320
Worked at home	**19,986**

1. Cumulating the frequencies over the 12 categories for those who commuted to work (i.e., did not work at home) yields the population count (base) of 776,619 workers age 16 years and over.

2. Find the midpoint m_j for each of the 12 categories. Multiply each category's proportion p_j by the square of the midpoint and sum this product over all categories.

For example, the midpoint of category 1 "Less than 5 minutes" is

$$m_1 = \frac{0+5}{2} = 2.5 \text{ minutes}$$

while the midpoint of the 12th category "90 or more minutes" is

$$m_{12} = \left(\frac{3}{2}\right) 90 = 135 \text{ minutes.}$$

The proportion of units in the first category, p_1, is

$$p_1 = \frac{14,602}{776,619} = 0.019 .$$

Information necessary to calculate the standard error is provided in Table 3.

Table 3. Calculations for Travel Time to Work

Travel time to work	p_j	m_j	$p_j m_j^2$	$p_j m_j$
Did not work at home:				
Less than 5 minutes.......	0.019	2.5	0.119	0.048
5 to 9 minutes.................	0.089	7	4.361	0.623
10 to 14 minutes.............	0.138	12	19.872	1.656
15 to 19 minutes.............	0.178	17	51.442	3.026
20 to 24 minutes.............	0.180	22	87.120	3.960
25 to 29 minutes.............	0.068	27	49.572	1.836
30 to 34 minutes.............	0.155	32	158.720	4.960
35 to 39 minutes.............	0.025	37	34.225	0.925
40 to 44 minutes.............	0.033	42	58.212	1.386
45 to 59 minutes.............	0.065	52	175.760	3.380
60 to 89 minutes.............	0.038	74.5	210.910	2.831
90 or more minutes.........	0.012	135	218.700	1.620
		Total	1069.013	26.251

3. To estimate the mean commuting time for people, multiply each category's proportion by its midpoint and sum over all categories in the universe. Table 3 shows an estimated mean travel time to work, $\bar{x}$, of 26 minutes.

4. Calculate the estimated population variance.

$$s^2 = 1069.013 - (26)^2 = 393.013$$

5.   Assume the design factor for "Travel time to work" is 1.3. Use this information and the results from steps 1 through 4 to calculate an estimated standard error for the mean as:

$$SE(\bar{x}) = \sqrt{\left(\frac{9}{776,619} \times 393.013\right)} \times 1.3 = 0.09 \text{ minutes.}$$

USING TABLES A THROUGH C FOR OTHER SAMPLE SIZES

Tables A through C may also be used to approximate the unadjusted standard errors for other sample sizes by adjusting for the sample size desired. The adjustment for sample size is obtained as described below.

Let f be the sampling rate for the sample size to be used. The adjustment for sample size can be read from the following table:

Table 4. Standard Error Sample Size Adjustment Factors for Different Sampling Rates

f	Sample Size Adjustment Factor[1]
0.09	1.06
0.07	1.21
0.05	1.45
0.03	1.90
0.01	3.32

[1] Multiply the standard errors in Table A or B by this factor.

For example, if the user were to select a subsample of one half of the 10-percent sample, i.e., f = 0.05, then the standard errors shown in Table A or B for the 10-percent sample must be multiplied by 1.45 to obtain the standard errors for a 0.05 sample. The factor of 1.45 shows that the standard errors increase by 45 percent when the sample size is halved.

The formula used to compute the sample size adjustment factor is

$$Adjustment\ Factor = \frac{\sqrt{\left(\dfrac{1}{f}\right) - 1}}{\sqrt{\left(\dfrac{1}{0.10}\right) - 1}}$$

Alternatively, the user may wish to use the following formulas to calculate the unadjusted standard errors directly.

For estimated totals, the formula is

$$SE(\hat{Y}) = \sqrt{\left(\frac{1}{f} - 1\right)\hat{Y}\left(1 - \frac{\hat{Y}}{N}\right)}$$

where:
N = size of geographic area, and;
$\hat{Y}$ = estimate (weighted) of characteristic total.

Example 1 shows the unadjusted standard error for the figure 59,948 to be 494. Using the above formula with f = 0.05 yields an unadjusted standard error SE($\hat{Y}$) = 718 for a 45 percent increase in the standard error as shown in the above table.

For an estimated percentage, the formula is

$$SE(\hat{p}) = \sqrt{\left(\frac{1}{f} - 1\right)\left(\frac{\hat{p}(100 - \hat{p})}{B}\right)}$$

where:

$\hat{p}$ = estimated percentage, and;

B = base of estimated percentage (weighted estimate).

ESTIMATION OF STANDARD ERRORS DIRECTLY FROM THE MICRODATA SAMPLES

Use of tables or formulas to derive approximate standard errors as discussed above is simple and does not complicate processing. Nonetheless, a more accurate estimate of the standard error can be obtained from the samples themselves, using the random group method. Using this method it is also possible to compute standard errors for means, ratios, indexes, correlation coefficients, or other statistics for which the tables or formulas presented earlier do not apply.

The random group method does increase processing time somewhat since it requires that the statistic of interest, for example a total, be computed separately for each of up to 100 random groups. The variability of that statistic for the sample as a whole is estimated from the variability of the statistic among the various random groups within the sample. The procedure for calculating a standard error by the random group method for various statistics is given below.

Totals. The following method should be used to obtain the standard errors of estimated totals. The random groups estimate of variance of $\hat{X}$ is given by:

$$\text{var}(\hat{X}) = \left(\frac{t}{t-1}\right)\sum_{g=1}^{t}\left(x_g - \frac{1}{t}\left(\sum_{g=1}^{t} x_g\right)\right)^2$$

or the computational formula:

$$\text{var}\left(\hat{X}\right) = \left(\frac{t}{t-1}\right)\sum_{g=1}^{t} x_g^2 - t\,\overline{x}_g^2$$

where:

t = number of random groups,

x_g = the weighted microdata sample total of the characteristic of interest from the gth random group, and

$\overline{x}_g = \sum_{g=1}^{t} \frac{x_g}{t}$, the average random group total.

The standard error of the estimated total is the square root of var ($\hat{X}$).

$$SE\left(\hat{X}\right) = \sqrt{\text{var}\left(\hat{X}\right)}$$

It is suggested that t = 100 for estimating the standard error of a total since, as it is discussed in the next chapter, each of the sample records was assigned a two-digit subsample number sequentially from 00 to 99. The two-digit number can be used to form 100 random groups.

For example, a sample case with 01 as the two-digit number will be in random group 1. All sample cases with 02 as the two-digit number will be in random group 2, etc., up to 00 as the one-hundredth random group. The reliability of the random group variance estimator is a function of both the kurtosis of the estimator and number of groups, t. If t is small, the coefficient of variation (CV) will be large, and therefore, the variance estimator will be of low precision. In general, the larger t is, the more reliable the variance estimator will be.

Percentages, Ratios, and Means. To obtain the estimated standard error of a percent, ratio, or mean, the following method should be used. Let

$$\hat{r} = \frac{\hat{x}}{\hat{y}}$$ be the estimated percent, ratio, or mean

where $\hat{x}$ and $\hat{y}$ = the estimated totals as defined above for the X and Y characteristics.

For the case where both the numerator and the denominator are obtained from the full microdata sample (i.e. the file was not subsampled) then the variance of $\hat{r}$ is given by

$$\text{var}\ (\hat{r}) = \left(\frac{t}{t-1}\right)\left(\frac{1}{\hat{y}}\right)^2 \sum_{g=1}^{t} \left(x_g - \hat{r}y_g\right)^2$$

where:
 t and x_g are defined above,
 $\hat{y}$ = the weighted full microdata sample total for the y characteristic, and;
 y_g = the corresponding weighted total for the gth random group.

Correlation Coefficients, Regression Coefficients and Complex Statistics. The random group method for computing the variance of correlation coefficients, regression coefficients, and other complex nonlinear statistics may be expressed as:

$$\text{var}\ (\hat{A}) = \left(\frac{t}{t-1}\right)\sum_{g=1}^{t} \left(\hat{A}_g - \hat{A}\right)^2$$

where:
$\hat{A}_g$ = the weighted estimate (at the tabulation area level) of the statistic of interest computed
       from the gth random group, and;
$\hat{A}$ = corresponding weighted estimate computed from the full microdata sample.

Care must be exercised when using this variance estimator for complex nonlinear statistics, as its properties have not been fully explored for such statistics. In particular, the choice of the number of random groups must be considered more carefully. When using the 10-percent U.S. Virgin Islands PUMS, use of t = 100 is recommended. When using a subsample, the user should consider using a smaller number of random groups to ensure that each random group contains at least 25 records. Fewer than 100 random groups can be formed by appropriate combination of the two-digit subsample numbers.

For example, to construct 50 random groups assign all records in which the subsample number is 01 or 51 to the first random group; all records in which the subsample number is 02 or 52 to the second random group, etc. Finally, assign all records in which the subsample number is 00 or 50 to random group 50. Ten random groups can be constructed by including all records having subsample numbers with the same "units" digit in a particular random group. For example,

Accuracy of the Microdata Sample Estimates

subsample numbers 00, 10,..., 90 would form one random group; subsample numbers 01, 11, ..., 91 would form a second random group, etc.

STANDARD ERRORS FOR SMALL ESTIMATES

Percentage estimates of zero and estimated totals of zero are subject to both sampling and nonsampling error. While the magnitude of the error is difficult to quantify, users should be aware that such estimates are nevertheless subject to both sampling and nonsampling error even though in the case of zero estimates the corresponding random groups estimate of variance will be zero.

Also, the standard error estimates obtained using the random groups method do not include all components of the variability due to nonsampling error that may be present in the data. Therefore, the standard error calculated using the methods described in this section represent a lower bound for the total error. Data users should be aware that, in general, confidence intervals formed using these estimated standard errors do not meet the stated levels of confidence. Data users are advised to be conservative when making inferences from the data provided in this data product.

NONSAMPLING ERROR

As mentioned earlier, both sample and 100-percent data are subject to nonsampling error. This component of error could increase dramatically over that which would result purely from sampling. While it is impossible to eliminate completely nonsampling error from an operation as large and complex as the decennial census, the Census Bureau attempts to control the sources of such error during the collection and processing operations. Described below are the primary sources of nonsampling error and the programs instituted to control this error in Census 2000. The success of these programs, however, was contingent upon how well the instructions actually were carried out during the census.

Undercoverage. It is possible for some households or persons to be missed entirely by the census. The undercoverage of persons and housing units can introduce biases into the data. Several coverage improvement programs were implemented during the development of the census address list and census enumeration and processing to minimize undercoverage of the population and housing units. These programs were developed based on experience from the 1990 census and results from the 2000 census testing cycle.

Nonresponse. Nonresponse to particular questions on the census questionnaire or the failure to obtain any information for a housing unit allows for the introduction of bias into the data because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any imputation procedure using respondent data may not completely reflect these differences either at the elemental level (individual person or housing unit) or on average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was reduced substantially during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were imputed by using reported data for a person or housing unit with similar characteristics.

Respondent and Enumerator Error. The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error, although the question wording was extensively tested in several experimental studies prior to the census, and detailed instructions for completing the questionnaire were provided to each household. The respondent may overlook or misunderstand a question, or may answer a question in a way that cannot be interpreted correctly by the data capture system.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent or fail to collect some of the information for a person or household. The work of

enumerators was monitored carefully to minimize these types of field enumeration problems. Field staff was prepared for their tasks by using standardized training packages that included hands-on experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators.

Processing Error. The many phases involved in processing the census data represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, transmittal of completed questionnaires, and manual coding of write-in responses. Error may also be introduced by the failure to capture all the information that the respondents or enumerators provided on the forms. Many of the various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operations was to produce a set of data that describes the population as clearly and accurately as possible. To meet this objective, crew leaders review and edit questionnaires for consistency, completeness, and acceptability during field data collection operations. Census clerks in the local census offices also review questionnaires for omissions, certain inconsistencies, and population coverage. For example, write-in entries such as "Don't know" or "NA" were considered unacceptable in certain quantities or in conjunction with other data omissions. As a result of this review operation, missing information was collected through a telephone or personal visit followup.

Subsequent to field operations, imputation procedures assigned acceptable values to remaining incomplete or inconsistent data records. Allocations, or computer assignments of acceptable data in place of unacceptable entries or blanks, are needed when an entry for a given item is lacking or when the information reported for a person or housing unit on that item is inconsistent with other information for that same person or housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person or housing unit that was consistent with entries for people or housing units with similar characteristics. Assigning acceptable codes in place of blanks or unacceptable entries enhances the usefulness of the data.

Substitutions, which assign a full set of characteristics for a person or housing unit, were not performed in the U.S. Virgin Islands Census 2000. This contrasts with the U.S. Virgin Islands 1990 Census that incorporated substitutions.

USE OF ALLOCATION FLAGS

As a result of the editing there are no blank fields or missing data in the U.S. Virgin Islands public use microdata sample file. Each field contains a data value or a "not applicable" indicator, except for the few items where allocation was not appropriate and a "not reported" indicator is included. For every subject item it is possible for the user to differentiate between entries that were allocated, by means of "allocation flags" in the microdata files. For all items it is possible to compute the allocation rate and, if the rate is appreciable, compute the distribution of actually observed values (with allocated data omitted) and compare it with the overall distribution including allocated values. The allocation flags indicate the changes made between observed and final output values.

These flags may indicate up to four possible types of allocations:

    A. Pre-edit. When the original entry was rejected because it fell outside the range of acceptable values.

B. Consistency. Imputed missing characteristics based on other information recorded for the person or housing unit.

C. Hot Deck. Supplied the missing information from the record of another person or housing unit.

D. Cold Deck. Supplied missing information from a predetermined distribution.

In general, the allocation procedures provide better data than could be obtained by simply weighting up the observed distribution to account for missing values. The procedures reflect local variations in characteristics as well as variations among the strata used in imputation. There are, however, certain circumstances where allocated data may introduce undesirable bias. It may be particularly important to analyze allocations of data in detailed studies of subpopulations or in statistics derived from cross-classification of variables, such as correlation coefficients or measures of regression. The degree of editing required was greater for some subjects than for others. While the allocation procedure was designed to yield appropriate statistics for the overall distribution or for specific subpopulations (the strata used in the allocation process), allocated characteristics will not necessarily have a valid relationship with other observed variables for the same individual. For example, consider a tabulation of people 80 years old and over by income. Income allocations were made separately for different age groupings, including the category 65 years old and over, but not separately for people 80 years old and over.

Because people aged 65 to 70 or 75 are more likely to have significant earnings than people 80 or over, allocated income data for the latter group might be biased upward. Thus, if the rate of allocations for the group is appreciably large, and a bias in the allocated value is evident, it may be desirable to exclude allocated data from the analysis.

It should also be apparent from this illustration that knowledge of the specific allocation procedures is valuable in detailed subject analysis. Users may contact the Population Division or the Housing and Household Economic Statistics Division, Bureau of the Census, for more information on the allocation scheme for a specific subject item.

Table A. Unadjusted Standard Errors for Estimated Totals, 10-percent Sample

| Estimated Total | Size of Geographic Area[1] (U.S. Virgin Islands PUMS Weighted Totals) | |
	Housing Units 50,230	People 109,390
100	30	30
500	67	67
1,000	94	94
2,500	146	148
5,000	201	207
10,000	268	286
25,000	336	417
50,000	45	494
75,000	-	461
90,000	-	379
100,000	-	278

[1] The total count of people, housing units, households, or families in the area if the estimated total is a person, housing unit, household, or family characteristic, respectively.

For other estimated totals not shown in the table, use the formula given below to calculate the standard error.

$$SE(\hat{Y}) = \sqrt{9\hat{Y}\left(1 - \frac{\hat{Y}}{N}\right)}$$

N = Size of publication area

$\hat{Y}$ = Estimate of characteristic total

The 9 in the above equation is based on a 1-in-10 sample and is derived from the inverse of the sampling rate minus one, i.e., $9 = 10 - 1$.

Table B. Unadjusted Standard Errors in Percentage Points for Estimated Percentages, 10-percent Sample

Estimated percentage	Base of estimated percentage[1]									
	1,000	1,500	2,500	5,000	7,500	10,000	25,000	50,000	75,000	100,000
2 or 98........	1.3	1.1	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.1
5 or 95........	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.2
10 or 90......	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.3
15 or 85......	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.4	0.3
20 or 80......	3.8	3.1	2.4	1.7	1.4	1.2	0.8	0.5	0.4	0.4
25 or 75......	4.1	3.4	2.6	1.8	1.5	1.3	0.8	0.6	0.5	0.4
30 or 70......	4.3	3.5	2.7	1.9	1.6	1.4	0.9	0.6	0.5	0.4
35 or 65......	4.5	3.7	2.9	2.0	1.7	1.4	0.9	0.6	0.5	0.5
50.............	4.7	3.9	3.0	2.1	1.7	1.5	0.9	0.7	0.5	0.5

[1] For a percentage and/or base of percentage not shown in the table, use the formula given below to calculate the standard error. Use this table only for proportions; that is, where the numerator is a subset of the denominator.

$$SE(\hat{p}) = \sqrt{\left(\frac{9}{B}\right)\hat{p}(100 - \hat{p})}$$

B = Base of estimated percentage (weighted total)

$\hat{p}$ = Estimated percentage

The 9 in the above equation is based on a 1-in-10 sample and is derived from the inverse of the sampling rate minus one, i.e., $9 = 10 - 1$.

Table C. **Standard Error Design Factors—U.S. Virgin Islands**

Characteristic	Design factor
POPULATION	
Type of residence (urban/rural)	5.0
Age	1.1
Age of the householder	0.9
Sex	1.9
Race	2.5
Race of the householder	0.4
Hispanic or Latino (of any race)	2.1
Place of birth	1.3
Citizenship status	1.3
Residence in 1995	1.5
Year of entry	1.2
Language spoken at home and ability to speak English	1.2
Educational attainment	1.0
School enrollment and type of school	1.9
Marital status	1.1
Household type and relationship	1.2
Household size	0.8
Children ever born	1.2
Grandparent status and responsibility for grandchild	1.4
Employment status	1.1
Industry	1.2
Occupation	1.0
Class of worker	1.0
Weeks worked in 1999	1.1
Number of workers in family	1.0
Place of work	1.0
Means of transportation to work	0.9
Travel time to work	0.9
Time leaving home to go to work	1.0
Household income in 1999	1.0
Family income in 1999	0.9
Disability and employment disability	1.1
Poverty status in 1999 (persons)	1.5
Poverty status in 1999 (families)	0.9
Veteran status	1.5
HOUSING	
Type of residence (urban/rural)	1.6
Tenure	0.6
Occupancy status	1.2
Vacancy status	0.3
Condominium status	0.6
Units in structure	0.6
Year structure built	0.9
Year householder moved into unit	1.0
Rooms, bedrooms	0.9
Occupants per room	0.8
Kitchen facilities	0.6
Source of water	0.9
Plumbing facilities	0.6
Sewage disposal	0.9
Telephone service available	0.7
Vehicles available	0.8
Value—owner occupied housing unit	0.9
Mortgage status (owners)	0.7
Selected monthly owner costs	1.1
Selected monthly owner costs as a percentage of household income in 1999	0.9
Gross rent	0.9
Gross rent as a percentage of household income in 1999	1.0

Chapter 5.
Sample Design and Estimation

SAMPLE DESIGN AND ESTIMATION FOR THE U.S. VIRGIN ISLANDS PUBLIC USE MICRODATA SAMPLES

This chapter discusses the selection procedure for the public use microdata samples (PUMS) in terms of two operations:

1. the selection of the PUMS from the persons and housing units included in the U.S. Virgin Islands Census 2000, and

2. estimation from the PUMS.

Producing Estimates or Tabulations

Estimation of totals and percentages. The 2000 U.S. Virgin Islands PUMS were self-weighted. All persons or housing units in the PUMS have a weight of 10. To produce estimates on tabulations of 100-percent characteristics from the PUMS files, multiply the number of PUMS persons or housing units that possess the characteristic of interest by 10 (equivalent to adding the weights). For instance, if the characteristic of interest is "total number of males aged 5-17," determine the sex and age of all persons and multiply the number of those who match the characteristic of interest by 10.

To get estimates of proportions, divide the estimate of persons or housing units with a given characteristic by the base sample estimate. For example, the proportion of "owner-occupied housing units with plumbing facilities" is obtained by dividing the PUMS estimate of owner-occupied housing units with plumbing facilities by the PUMS estimate of total housing units.

To get estimates of characteristics such as the "total number of related children in households" for the U.S. Virgin Islands, sum the value of the characteristic across all household records and multiply by 10. If the desired estimate is the "number of households with at least one related child in the household," count all households with a value not equal to zero for the characteristic and multiply by 10.

Sample Design

For the U.S. Virgin Islands Census 2000, every person and housing unit received the same questionnaire. There were no separate short-form and long-form questionnaires for the U.S. Virgin Islands, and consequently, no sample design was needed.

Selection of the U.S. Virgin Islands PUMS

A stratified 1-in-10 systematic selection procedure with equal probability was used to select the U.S. Virgin Islands PUMS. The sampling universe was defined as all occupied housing units including all occupants, vacant housing units, and group quarters (GQ) persons in the census. The sample units were stratified during the selection process. The stratification was intended to improve the reliability of estimates derived from the 10-percent sample by defining strata within which there is a high degree of homogeneity among the census households with respect to characteristics of major interest.

A total of 195 strata were defined: 144 strata for occupied housing units, 48 strata for GQ people, and 3 strata for vacant housing units. First, the units were divided into three major groups: occupied housing units, vacant housing units, and GQ population. The occupied housing unit universe was stratified by family type, race and Hispanic origin of the householder, tenure, and maximum age in the household.

The vacant housing unit universe was stratified by vacancy status. Finally, the GQ population was stratified by GQ type (institutional, noninstitutional), race, Hispanic origin, and age. The stratification matrices are provided in Tables A, B, and C.

Subsampling the PUMS Files

During the sample selection operation, consecutive two-digit subsample numbers from 00 to 99 were assigned to each sample case in the U.S. Virgin Islands PUMS to allow for the designation of various size subsamples and, as discussed in the preceding chapter, to allow for the calculation of standard error. As an example, for the 10-percent PUMS, the choice of records having subsample numbers with the same "units" digit (e.g., the two "units" digit includes subsample numbers 2, 12, 22, ..., 92) will provide a 1-in-100 subsample.

Samples of any size between 1/10 and 1/1000 maybe selected in a similar manner by using appropriate two-digit subsample numbers assigned to the microdata samples. Care must be exercised when selecting such samples. If only the "units" digit is required, the "units" digit should be randomly selected. If two "units" digits are required, the first should be randomly selected and the second should be either 5 more or 5 less than the first. Failure to use this procedure, e.g., selection of records with the same "tens" digit instead of records with the same "units" digit plus 5, would provide a 1-in-10 subsample but one that would be somewhat more clustered and, as a result, subject to larger sampling error.

Table A. **U.S. Virgin Islands PUMS Stratification Matrix—Vacant Housing Units**

Vacant
Vacant, for rent
Vacant, for sale
Vacant, other

Table B. **U.S. Virgin Islands PUMS Stratification Matrix—Occupied Housing Units**

Family type	Maximum age in household	Race of householder/tenure/Hispanic origin of householder											
		Black Alone				White Alone				Other			
		Owner		Renter		Owner		Renter		Owner		Renter	
		H	NH	H	NH	H	NH	H	NH	H	NH	H	NH
Family with own children under 18	0-59 60-74 75-84 85 +												
Family without own children under 18	0-59 60-74 75-84 85 +												
Other household (nonfamily)	0-59 60-74 75-84 85 +												

H: Hispanic
NH: Non-Hispanic

Table C. **U.S. Virgin Islands PUMS Stratification Matrix—Group Quarters People**

Age	GQ Type/Race/Hispanic Origin											
	Institutional						Noninstitutional					
	Black Alone		White Alone		Other		Black Alone		White Alone		Other	
	H	NH	H	NH	H	NH	H	NH	H	NH	H	NH
0-59 60-74 75-84 85 +												

H: Hispanic
NH: Non-Hispanic

Chapter 6.
Data Dictionary

CONTENTS

This chapter, in conjunction with several appendixes, defines the record layout and applicable codes for the Public Use Microdata Sample (PUMS) file. Six indexes (three housing unit and three person) are included in the following introductory pages for use in quickly locating data items in the PUMS file. Data fields in the indexes are specified beginning with an H for housing unit record or P for person record. For example, P9-10 is a two-character field beginning in character location 9 of the person record.

The record layout follows the indexes. The H designation appears only at the beginning of the housing unit record and the P designation appears only at the beginning of the person record. Character location in the record layout is expressed in three separate elements, SIZE, BEGIN, and END for each variable or data item.

INDEXES

Alphabetical Index by Variable Name (Housing Unit Record)

Variable Name	Character location	Description
ACRES	H56	Acreage
ACRESA	H57	Acreage Allocation Flag
AGSALES	H58	Sales of Agricultural Products
AGSALESA	H59	Sales of Agricultural Products Allocation Flag
BEDRMS	H34	Number of Bedrooms
BEDRMSA	H35	Number of Bedrooms Allocation Flag
BLDGSZ	H25-26	Size of Building
BLDGSZA	H27	Size of Building Allocation Flag
BUSINES	H54	Commercial Business on Property
BUSINESA	H55	Commercial Business on Property Allocation Flag
CKITCH	H38	Complete Kitchen Facilities
CKITCHA	H39	Complete Kitchen Facilities Allocation Flag
CONDFEE	H115-118	Condominium Fee (Monthly)
CONDFEEA	H119	Condominium Fee (Monthly) Allocation Flag
CONDO	H52	House or Apartment Part of Condominium
CONDOA	H53	House or Apartment Part of Condominium Allocation Flag

Variable name	Character location	Description
CPLUMB	H36	Complete Plumbing Facilities
CPLUMBA	H37	Complete Plumbing Facilities Allocation Flag
ELEC	H60-63	Cost of Electricity (Annual)
ELECA	H64	Cost of Electricity (Annual) Allocation Flag
EMPSTAT	H163	Family Type and Employment Status
FILLER	H182-248	Filler
FINC	H174-181	Family Total Income in 1999
FUEL	H42	Cooking Fuel
FUELA	H43	Cooking Fuel Allocation Flag
GAS	H65-68	Cost of Gas (Annual)
GASA	H69	Cost of Gas (Annual) Allocation Flag
GRAPI	H158-160	Gross Rent as a Percentage of Household Income
GRNT	H154-157	Gross Rent
HHL	H161	Household Language
HHT	H131	Household/Family Type
HINC	H166-173	Household Total Income in 1999
HWEIGHT	H14-17	Housing unit weight
INSAMT	H110-113	Property Insurance Amount (Annual)
INSAMTA	H114	Property Insurance Amount (Annual) Allocation Flag
INSINCL	H108	Property Insurance Status
INSINCLA	H109	Property Insurance Status Allocation Flag
MEALS	H85	Meals Included in Rent
MEALSA	H86	Meals Included in Rent Allocation Flag
MHCOST	H125-129	Mobile Home Costs
MHCOSTA	H130	Mobile Home Costs Allocation Flag
MHLOAN	H123	Mobile Home Loan Status
MHLOANA	H124	Mobile Home Loan Status Allocation Flag
MORTG1	H87	Mortgage Status
MORTG1A	H88	Mortgage Status Allocation Flag
MORTG2	H95	Second Mortgage Status
MORTG2A	H96	Second Mortgage Status Allocation Flag
MRT1AMT	H89-93	Mortgage Payment (Monthly Amount)
MRT1AMTA	H94	Mortgage Payment (Monthly Amount) Allocation Flag
MRT2AMT	H97-101	Second Mortgage Payment (Monthly Amount)
MRT2AMTA	H102	Second Mortgage Payment (Monthly Amount) Allocation Flag
NOC	H138-139	Number of Own Children Under 18 Years in Household
NPF	H136-137	Number of People in Family
NRC	H140-141	Number of Related Children Under 18 Years in Household
OIL	H75-78	Cost of Oil, Kerosene, or Wood (Annual)
OILA	H79	Cost of Oil, Kerosene, or Wood (Annual) Allocation Flag
P18	H134-135	Number of People Under 18 Years in Household
P65	H132-133	Number of People 65 Years and Over in Household
PAOC	H143	Presence and Age of Own Children under 18 years
PARC	H144	Presence and Age of Related Children under 18 years
PERSONS	H18-19	Number of person records following this housing record
PHONE	H40	Telephone Availability
PHONEA	H41	Telephone Availability Allocation Flag
PRCHSWTR	H48	Water Purchase
PRCHWTRA	H49	Water Purchase Allocation Flag
PSF	H142	Presence of Subfamily in Household
RECTYPE	H1	Record Type
RENT	H80-83	Monthly Rent
RENTA	H84	Monthly Rent Allocation Flag
ROOMS	H32	Number of Rooms
ROOMSA	H33	Number of Rooms Allocation Flag
SAMPLE	H9	Sample Identifier

Data Dictionary

Variable Name	Character location	Description
SERIALNO	H2-8	Housing/Group Quarters Unit Serial Number
SEWAGE	H50	Sewage Disposal
SEWAGEA	H51	Sewage Disposal Allocation Flag
SMOC	H146-150	Selected Monthly Owner Costs
SMOCAPI	H151-153	Selected Monthly Owner Costs as a Percentage of Household Income
STATE	H10-11	State Code
SUBSAMPL	H12-13	Subsample number
SVAL	H145	Specified Value Indicator
TAXAMT	H105-106	Property Tax Amount (Annual)
TAXAMTA	H107	Property Tax Amount (Annual) Allocation Flag
TAXINCL	H103	Property Tax Status
TAXINCLA	H104	Property Tax Status Allocation Flag
TENURE	H23	Home Ownership
TENUREA	H24	Home Ownership Allocation Flag
UNITTYPE	H20	Type of unit
VACSTAT	H21	Vacancy Status
VACSTATA	H22	Vacancy Status Allocation Flag
VALUE	H120-121	Property Value
VALUEA	H122	Property Value Allocation Flag
VEHICL	H44	Number of Vehicles Available
VEHICLA	H45	Number of Vehicles Available Allocation Flag
WATERCST	H70-73	Cost of Water and Sewer (Annual)
WATERSRC	H46	Source of Water
WATRCSTA	H74	Cost of Water and Sewer (Annual) Allocation Flag
WATRSRCA	H47	Source of Water Allocation Flag
WIF	H162	Number of Workers in Family
WORKEXP	H164-165	Family Type and Work Experience of Householder
YRBUILT	H28	Year Building Built
YRBUILTA	H29	Year Building Built Allocation Flag
YRMOVED	H30	Year Moved In
YRMOVEDA	H31	Year Moved In Allocation Flag

Alphabetical Index by Variable Name (Person Record)

Variable name	Character location	Description
ABGO	P92	Able to Go Out Disability
ABGOA	P93	Able to Go Out Disability Allocation Flag
ABSENT	P140	Absent from Work
ABWORK	P94	Employment Disability
ABWORKA	P95	Employment Disability Allocation Flag
AGE	P23-24	Age
AGEA	P25	Age Allocation Flag
AIAN	P31	American Indian and Alaska Native recode
ASIAN	P32	Asian Recode
BACKWRK	P143	Back to Work
BLACK	P30	Black or African American recode
CARPOOL	P131	Vehicle Occupancy
CARPOOLA	P132	Vehicle Occupancy Allocation Flag
CITIZEN	P63	Citizenship Status
CITIZENA	P64	Citizenship Status Allocation Flag
CLWRK	P168	Class of Worker
CLWRKA	P169	Class of Worker Allocation Flag
DISABLE	P96	Disability Recode
EARNS	P239-245	Person's Total Earnings in 1999
EDUC	P46-47	Educational Attainment
EDUCA	P48	Educational Attainment Allocation Flag
ENGABIL	P57	English Ability
ENGABILA	P58	English Ability Allocation Flag
ENROLL	P42	School Enrollment; Attended since February 1, 2000
ENROLLA	P43	School Enrollment; Attended since February 1, 2000 Allocation Flag
ESP	P123	Employment Status of Parent(s)
ESR	P121	Employment Status Recode
ESRA	P122	Employment Status Recode Allocation Flag
FERTIL	P97	Number of Children Ever Born
FERTILA	P98	Number of Children Ever Born Allocation Flag
GRADE	P44	Grade Attending
GRADEA	P45	Grade Attending Allocation Flag
GRANDC	P99	Presence of Grandchildren Under 18 Years
GRANDCA	P100	Presence of Grandchildren Under 18 Years Allocation Flag
HOURS	P175-176	Hours per Week in 1999
HOURSA	P177	Hours per Week in 1999 Allocation Flag
HOWLONG	P103	Length of Responsibility for Grandchildren
HOWLONGA	P104	Length of Responsibility for Grandchildren Allocation Flag
INCINT	P192-197	Interest Income in 1999
INCINTA	P198	Interest Income in 1999 Allocation Flag
INCOTH	P224-229	Other Income in 1999
INCOTHA	P230	Other Income in 1999 Allocation Flag
INCPA	P211-215	Public Assistance Income in 1999
INCPAA	P216	Public Assistance Income in 1999 Allocation Flag
INCRET	P217-222	Retirement Income in 1999
INCRETA	P223	Retirement Income in 1999 Allocation Flag
INCSE	P185-190	Self-Employment Income in 1999
INCSEA	P191	Self-Employment Income in 1999 Allocation Flag
INCSS	P199-203	Social Security Income in 1999
INCSSA	P204	Social Security Income in 1999 Allocation Flag
INCSSI	P205-209	Supplemental Security Income in 1999
INCSSIA	P210	Supplemental Security Income in 1999 Allocation Flag
INCTOT	P231-237	Person's Total Income in 1999
INCTOTA	P238	Person's Total Income in 1999 Allocation Flag

Variable Name	Character location	Description
INCWS	P178-183	Wage/Salary Income in 1999
INCWSA	P184	Wage/Salary Income in 1999 Allocation Flag
INDCEN	P146-148	Industry (Census)
INDCENA	P149	Industry (Census) Allocation Flag
INDNAICS	P150-157	Industry (NAICS)
LANG	P53-55	Language Spoken
LANGA	P56	Language Spoken Allocation Flag
LASTWRK	P144	Year Last Worked
LASTWRKA	P145	Year Last Worked Allocation Flag
LAYOFF	P139	Layoff from Job
LOOKWRK	P142	Looking for Work
LVTIME	P133-134	Time Leaving for Work
LVTIMEA	P135	Time Leaving for Work Allocation Flag
MARSTAT	P37	Marital Status
MARSTATA	P38	Marital Status Allocation Flag
MENTAL	P88	Mental Disability
MENTALA	P89	Mental Disability Allocation Flag
MIGST	P80-82	Migration State or Foreign Country Code
MIGSTA	P83	Migration State or Foreign Country Code Allocation Flag
MILITARY	P105	Military Service
MILTARYA	P106	Military Service Allocation Flag
MILYRS	P117	Years of Military Service
MILYRSA	P118	Years of Military Service Allocation Flag
MOB	P78	Residence 5 Years Ago
MOBA	P79	Residence 5 Years Ago Allocation Flag
MSP	P39	Married, Spouse Present Recode
NHPI	P33	Native Hawaiian and Other Pacific Islander recode
NUMRACE	P28	Number of Major Race Groups Marked
OC	P18	Own Child Indicator
OCCCEN	P158-160	Occupation (Census)
OCCCENA	P161	Occupation (Census) Allocation Flag
OCCSOC	P162-167	Occupation (SOC)
OTHER	P34	Some Other Race Recode
PAOCF	P20	Presence and Age of Own Children, Females
PHYSCL	P86	Physical Disability
PHYSCLA	P87	Physical Disability Allocation Flag
PNUM	P9-10	Person Sequence Number
POB	P59-61	Place of Birth
POBA	P62	Place of Birth Allocation Flag
POBDAD	P74-76	Father's Place of Birth
POBDADA	P77	Father's Place of Birth Allocation Flag
POBMOM	P70-72	Mother's Place of Birth
POBMOMA	P73	Mother's Place of Birth Allocation Flag
POVERTY	P246-248	Person's Poverty Status
POWST	P125-127	Place of Work State or Foreign Country Code
POWSTA	P128	Place of Work State or Foreign Country Code Allocation Flag
PWEIGHT	P11-14	Person Weight
RACE	P35	Race Recode
RACEA	P36	Race Recode Allocation Flag
RC	P19	Related Child Indicator
RECALL	P141	Return-to-Work Recall
RECTYPE	P1	Record Type
RELATE	P15-16	Relationship
RELATEA	P17	Relationship Allocation Flag
RESPNSBL	P101	Responsible for Grandchildren

Variable Name	Character location	Description
RESPNSBLA	P102	Responsible for Grandchildren Allocation Flag
SENSORY	P84	Sensory Disability
SENSORYA	P85	Sensory Disability Allocation Flag
SERIALNO	P2-8	Housing/Group Quarters (GQ) Unit Serial Number
SEX	P21	Sex
SEXA	P22	Sex Allocation Flag
SFN	P40	Subfamily Number for this person
SFREL	P41	Subfamily Relationship
SLFCARE	P90	Self-care Disability
SLFCAREA	P91	Self-care Disability Allocation Flag
SPAN	P26	Hispanic or Latino Origin
SPANA	P27	Hispanic or Latino Origin Allocation Flag
SPEAK	P51	Non-English Language
SPEAKA	P52	Non-English Language Allocation Flag
TRVMNS	P129	Means of Transportation to Work
TRVMNSA	P130	Means of Transportation to Work Allocation Flag
TRVTIME	P136-137	Travel Time to Work
TRVTIMEA	P138	Travel Time to Work Allocation Flag
VCTIONAL	P49	Vocational Training
VCTONALA	P50	Vocational Training Allocation Flag
VPS1	P107	Veteran's Period of Service 1:On Active Duty April 1995 or Later
VPS2	P108	Veteran's Period of Service 2: On Active Duty August 1990 to March 1995 (Including Persian Gulf War)
VPS3	P109	Veteran's Period of Service 3: On Active Duty September 1980 to July 1990
VPS4	P110	Veteran's Period of Service 4: On Active Duty May 1975 to August 1980
VPS5	P111	Veteran's Period of Service 5: On Active Duty During the Vietnam Era (August 1964 to April 1975)
VPS6	P112	Veteran's Period of Service 6: On Active Duty February 1955 to July 1964
VPS7	P113	Veteran's Period of Service 7: On Active Duty During the Korean War (June 1950 to January 1955)
VPS8	P114	Veteran's Period of Service 8: On Active Duty During World War II (September 1940 to July 1947)
VPS9	P115	Veteran's Period of Service 9: On Active Duty Any Other Time
VPSA	P116	Veteran's Period of Service Allocation Flag
VPSR	P119-120	Veteran's Period of Service Recode
WEEKS	P172-173	Weeks Worked in 1999
WEEKSA	P174	Weeks Worked in 1999 Allocation Flag
WHITE	P29	White recode
WKLWK	P124	Worked Last Week
WRKLYR	P170	Worked in 1999
WRKLYRA	P171	Worked in 1999 Allocation Flag
YR2AREA	P65-68	Year of Entry to the Virgin Islands
YR2AREAA	P69	Year of Entry to the Virgin Islands Allocation Flag

Alphabetical Index by Description (Housing Unit Record)

Description	Character location	Variable name
Acreage	H56	ACRES
Acreage Allocation Flag	H57	ACRESA
Commercial Business on Property	H54	BUSINES
Commercial Business on Property Allocation Flag	H55	BUSINESA
Complete Kitchen Facilities	H38	CKITCH
Complete Kitchen Facilities Allocation Flag	H39	CKITCHA
Complete Plumbing Facilities	H36	CPLUMB
Complete Plumbing Facilities Allocation Flag	H37	CPLUMBA
Condominium Fee (Monthly)	H115-118	CONDFEE
Condominium Fee (Monthly) Allocation Flag	H119	CONDFEEA
Cooking Fuel	H42	FUEL
Cooking Fuel Allocation Flag	H43	FUELA
Cost of Electricity (Annual)	H60-63	ELEC
Cost of Electricity (Annual) Allocation Flag	H64	ELECA
Cost of Gas (Annual)	H65-68	GAS
Cost of Gas (Annual) Allocation Flag	H69	GASA
Cost of Oil, Kerosene, or Wood (Annual)	H75-78	OIL
Cost of Oil, Kerosene, or Wood (Annual) Allocation Flag	H79	OILA
Cost of Water and Sewer (Annual)	H70-73	WATERCST
Cost of Water and Sewer (Annual) Allocation Flag	H74	WATRCSTA
Family Total Income in 1999	H174-181	FINC
Family Type and Employment Status	H163	EMPSTAT
Family Type and Work Experience of Householder	H164-165	WORKEXP
Gross Rent	H154-157	GRNT
Gross Rent as a Percentage of Household Income	H158-160	GRAPI
Home Ownership	H23	TENURE
Home Ownership Allocation Flag	H24	TENUREA
House or Apartment Part of Condominium	H52	CONDO
House or Apartment Part of Condominium Allocation Flag	H53	CONDOA
Household Language	H161	HHL
Household Total Income in 1999	H166-173	HINC
Household/Family Type	H131	HHT
Housing Unit Weight	H14-17	HWEIGHT
Housing/Group Quarters Unit Serial Number	H2-8	SERIALNO
Meals Included in Rent	H85	MEALS
Meals Included in Rent Allocation Flag	H86	MEALSA
Mobile Home Costs	H125-129	MHCOST
Mobile Home Costs Allocation Flag	H130	MHCOSTA
Mobile Home Loan Status	H123	MHLOAN
Mobile Home Loan Status Allocation Flag	H124	MHLOANA
Monthly Rent	H80-83	RENT
Monthly Rent Allocation Flag	H84	RENTA
Mortgage Payment (Monthly Amount)	H89-93	MRT1AMT
Mortgage Payment (Monthly Amount) Allocation Flag	H94	MRT1AMTA
Mortgage Status	H87	MORTG1
Mortgage Status Allocation Flag	H88	MORTG1A
Number of Bedrooms	H34	BEDRMS
Number of Bedrooms Allocation Flag	H35	BEDRMSA
Number of Own Children Under 18 Years in Household	H138-139	NOC
Number of People 65 Years and Over in Household	H132-133	P65
Number of People in Family	H136-137	NPF
Number of People Under 18 Years in Household	H134-135	P18
Number of Person Records Following this Housing Record	H18-19	PERSONS
Number of Related Children Under 18 Years in Household	H140-141	NRC

Description	Character location	Variable name
Number of Rooms	H32	ROOMS
Number of Rooms Allocation Flag	H33	ROOMSA
Number of Vehicles Available	H44	VEHICL
Number of Vehicles Available Allocation Flag	H45	VEHICLA
Number of Workers in Family	H162	WIF
Presence and Age of Own Children under 18 Years	H143	PAOC
Presence and Age of Related Children under 18 Years	H144	PARC
Presence of Subfamily in Household	H142	PSF
Property Insurance Amount (Annual)	H110-113	INSAMT
Property Insurance Amount (Annual) Allocation Flag	H114	INSAMTA
Property Insurance Status	H108	INSINCL
Property Insurance Status Allocation Flag	H109	INSINCLA
Property Tax Amount (Annual)	H105-106	TAXAMT
Property Tax Amount (Annual) Allocation Flag	H107	TAXAMTA
Property Tax Status	H103	TAXINCL
Property Tax Status Allocation Flag	H104	TAXINCLA
Property Value	H120-121	VALUE
Property Value Allocation Flag	H122	VALUEA
Record Type	H1	RECTYPE
Sales of Agricultural Products	H58	AGSALES
Sales of Agricultural Products Allocation Flag	H59	AGSALESA
Sample Identifier	H9	SAMPLE
Second Mortgage Payment (Monthly Amount)	H97-101	MRT2AMT
Second Mortgage Payment (Monthly Amount) Allocation Flag	H102	MRT2AMTA
Second Mortgage Status	H95	MORTG2
Second Mortgage Status Allocation Flag	H96	MORTG2A
Selected Monthly Owner Costs	H146-150	SMOC
Selected Monthly Owner Costs as a Percentage of Household Income	H151-153	SMOCAPI
Sewage Disposal	H50	SEWAGE
Sewage Disposal Allocation Flag	H51	SEWAGEA
Size of Building	H25-26	BLDGSZ
Size of Building Allocation Flag	H27	BLDGSZA
Source of Water	H46	WATERSRC
Source of Water Allocation Flag	H47	WATRSRCA
Specified Value Indicator	H145	SVAL
State Code	H10-11	STATE
Subsample Number	H12-13	SUBSAMPL
Telephone Availability	H40	PHONE
Telephone Availability Allocation Flag	H41	PHONEA
Type of Unit	H20	UNITTYPE
Vacancy Status	H21	VACSTAT
Vacancy Status Allocation Flag	H22	VACSTATA
Water Purchase	H48	PRCHSWTR
Water Purchase Allocation Flag	H49	PRCHWTRA
Year Building Built	H28	YRBUILT
Year Building Built Allocation Flag	H29	YRBUILTA
Year Moved In	H30	YRMOVED
Year Moved In Allocation Flag	H31	YRMOVEDA
	H182-248	FILLER

Alphabetical Index by Description (Person Record)

Description	Character location	Variable name
Able to Go Out Disability	P92	ABGO
Able to Go Out Disability Allocation Flag	P93	ABGOA
Absent from Work	P140	ABSENT
Age	P23-24	AGE
Age Allocation Flag	P25	AGEA
American Indian and Alaska Native recode	P31	AIAN
Asian Recode	P32	ASIAN
Back to Work	P143	BACKWRK
Black or African American recode	P30	BLACK
Citizenship Status	P63	CITIZEN
Citizenship Status Allocation Flag	P64	CITIZENA
Class of Worker	P168	CLWRK
Class of Worker Allocation Flag	P169	CLWRKA
Disability Recode	P96	DISABLE
Educational Attainment	P46-47	EDUC
Educational Attainment Allocation Flag	P48	EDUCA
Employment Disability	P94	ABWORK
Employment Disability Allocation Flag	P95	ABWORKA
Employment Status of Parent(s)	P123	ESP
Employment Status Recode	P121	ESR
Employment Status Recode Allocation Flag	P122	ESRA
English Ability	P57	ENGABIL
English Ability Allocation Flag	P58	ENGABILA
Father's Place of Birth	P74-76	POBDAD
Father's Place of Birth Allocation Flag	P77	POBDADA
Grade Attending	P44	GRADE
Grade Attending Allocation Flag	P45	GRADEA
Hispanic or Latino Origin	P26	SPAN
Hispanic or Latino Origin Allocation Flag	P27	SPANA
Hours per Week in 1999	P175-176	HOURS
Hours per Week in 1999 Allocation Flag	P177	HOURSA
Housing/Group Quarters (GQ) Unit Serial Number	P2-8	SERIALNO
Industry (Census)	P146-148	INDCEN
Industry (Census) Allocation Flag	P149	INDCENA
Industry (NAICS)	P150-157	INDNAICS
Interest Income in 1999	P192-197	INCINT
Interest Income in 1999 Allocation Flag	P198	INCINTA
Language Spoken	P53-55	LANG
Language Spoken Allocation Flag	P56	LANGA
Layoff from Job	P139	LAYOFF
Length of Responsibility for Grandchildren	P103	HOWLONG
Length of Responsibility for Grandchildren Allocation Flag	P104	HOWLONGA
Looking for Work	P142	LOOKWRK
Marital Status	P37	MARSTAT
Marital Status Allocation Flag	P38	MARSTATA
Married, Spouse Present Recode	P39	MSP
Means of Transportation to Work	P129	TRVMNS
Means of Transportation to Work Allocation Flag	P130	TRVMNSA
Mental Disability	P88	MENTAL
Mental Disability Allocation Flag	P89	MENTALA
Migration State or Foreign Country Code	P80-82	MIGST
Migration State or Foreign Country Code Allocation Flag	P83	MIGSTA
Military Service	P105	MILITARY
Military Service Allocation Flag	P106	MILTARYA

Alphabetical Index by Description (Person Record)—Con.

Description	Character location	Variable name
Mother's Place of Birth	P70-72	POBMOM
Mother's Place of Birth Allocation Flag	P73	POBMOMA
Native Hawaiian and Other Pacific Islander Recode	P33	NHPI
Non-English Language	P51	SPEAK
Non-English Language Allocation Flag	P52	SPEAKA
Number of Children Ever Born	P97	FERTIL
Number of Children Ever Born Allocation Flag	P98	FERTILA
Number of Major Race Groups Marked	P28	NUMRACE
Occupation (Census)	P158-160	OCCCEN
Occupation (Census) Allocation Flag	P161	OCCCENA
Occupation (SOC)	P162-167	OCCSOC
Other Income in 1999	P224-229	INCOTH
Other Income in 1999 Allocation Flag	P230	INCOTHA
Own Child Indicator	P18	OC
Person Sequence Number	P9-10	PNUM
Person Weight	P11-14	PWEIGHT
Person's Poverty Status	P246-248	POVERTY
Person's Total Earnings in 1999	P239-245	EARNS
Person's Total Income in 1999	P231-237	INCTOT
Person's Total Income in 1999 Allocation Flag	P238	INCTOTA
Physical Disability	P86	PHYSCL
Physical Disability Allocation Flag	P87	PHYSCLA
Place of Birth	P59-61	POB
Place of Birth Allocation Flag	P62	POBA
Place of Work State or Foreign Country Code	P125-127	POWST
Place of Work State or Foreign Country Code Allocation Flag	P128	POWSTA
Presence and Age of Own Children, Females	P20	PAOCF
Presence of Grandchildren Under 18 Years	P99	GRANDC
Presence of Grandchildren Under 18 Years Allocation Flag	P100	GRANDCA
Public Assistance Income in 1999	P211-215	INCPA
Public Assistance Income in 1999 Allocation Flag	P216	INCPAA
Race Recode	P35	RACE
Race Recode Allocation Flag	P36	RACEA
Record Type	P1	RECTYPE
Related Child Indicator	P19	RC
Relationship	P15-16	RELATE
Relationship Allocation Flag	P17	RELATEA
Residence 5 Years Ago	P78	MOB
Residence 5 Years Ago Allocation Flag	P79	MOBA
Responsible for Grandchildren	P101	RESPNSBL
Responsible for Grandchildren Allocation Flag	P102	RESPNSBLA
Retirement Income in 1999	P217-222	INCRET
Retirement Income in 1999 Allocation Flag	P223	INCRETA
Return-to-Work Recall	P141	RECALL
School Enrollment; Attended since February 1, 2000	P42	ENROLL
School Enrollment; Attended since February 1, 2000 Allocation Flag	P43	ENROLLA
Self-care Disability	P90	SLFCARE
Self-care Disability Allocation Flag	P91	SLFCAREA
Self-Employment Income in 1999	P185-190	INCSE
Self-Employment Income in 1999 Allocation Flag	P191	INCSEA
Sensory Disability	P84	SENSORY
Sensory Disability Allocation Flag	P85	SENSORYA
Sex	P21	SEX
Sex Allocation Flag	P22	SEXA
Social Security Income in 1999	P199-203	INCSS
Social Security Income in 1999 Allocation Flag	P204	INCSSA

Description	Character location	Variable name
Some Other Race Recode	P34	OTHER
Subfamily Number for this person	P40	SFN
Subfamily Relationship	P41	SFREL
Supplemental Security Income in 1999	P205-209	INCSSI
Supplemental Security Income in 1999 Allocation Flag	P210	INCSSIA
Time Leaving for Work	P133-134	LVTIME
Time Leaving for Work Allocation Flag	P135	LVTIMEA
Travel Time to Work	P136-137	TRVTIME
Travel Time to Work Allocation Flag	P138	TRVTIMEA
Vehicle Occupancy	P131	CARPOOL
Vehicle Occupancy Allocation Flag	P132	CARPOOLA
Veteran's Period of Service 1:On Active Duty April 1995 or Later	P107	VPS1
Veteran's Period of Service 2: On Active Duty August 1990 to March 1995 (Including Persian Gulf War)	P108	VPS2
Veteran's Period of Service 3: On Active Duty September 1980 to July 1990	P109	VPS3
Veteran's Period of Service 4: On Active Duty May 1975 to August 1980	P110	VPS4
Veteran's Period of Service 5: On Active Duty During the Vietnam Era (August 1964 to April 1975)	P111	VPS5
Veteran's Period of Service 6: On Active Duty February 1955 to July 1964	P112	VPS6
Veteran's Period of Service 7: On Active Duty During the Korean War (June 1950 to January 1955)	P113	VPS7
Veteran's Period of Service 8: On Active Duty During World War II (September 1940 to July 1947)	P114	VPS8
Veteran's Period of Service 9: On Active Duty Any Other Time	P115	VPS9
Veteran's Period of Service Allocation Flag	P116	VPSA
Veteran's Period of Service Recode	P119-120	VPSR
Vocational Training	P49	VCTIONAL
Vocational Training Allocation Flag	P50	VCTONALA
Wage/Salary Income in 1999	P178-183	INCWS
Wage/Salary Income in 1999 Allocation Flag	P184	INCWSA
Weeks Worked in 1999	P172-173	WEEKS
Weeks Worked in 1999 Allocation Flag	P174	WEEKSA
White Recode	P29	WHITE
Worked in 1999	P170	WRKLYR
Worked in 1999 Allocation Flag	P171	WRKLYRA
Worked Last Week	P124	WKLWK
Year Last Worked	P144	LASTWRK
Year Last Worked Allocation Flag	P145	LASTWRKA
Year of Entry to the Virgin Islands	P65-68	YR2AREA
Year of Entry to the Virgin Islands Allocation Flag	P69	YR2AREAA
Years of Military Service	P117	MILYRS
Years of Military Service Allocation Flag	P118	MILYRSA

Character Location Index (Housing Unit Record)

Character location	Variable name	Description
H1	RECTYPE	Record Type
H2-8	SERIALNO	Housing/Group Quarters Unit Serial Number
H9	SAMPLE	Sample Identifier
H10-11	STATE	State Code
H12-13	SUBSAMPL	Subsample Number
H14-17	HWEIGHT	Housing Unit Weight
H18-19	PERSONS	Number of Person Records Following This Housing Record
H20	UNITTYPE	Type of Unit
H21	VACSTAT	Vacancy Status
H22	VACSTATA	Vacancy Status Allocation Flag
H23	TENURE	Home Ownership
H24	TENUREA	Home Ownership Allocation Flag
H25-26	BLDGSZ	Size of Building
H27	BLDGSZA	Size of Building Allocation Flag
H28	YRBUILT	Year Building Built
H29	YRBUILTA	Year Building Built Allocation Flag
H30	YRMOVED	Year Moved In
H31	YRMOVEDA	Year Moved In Allocation Flag
H32	ROOMS	Number of Rooms
H33	ROOMSA	Number of Rooms Allocation Flag
H34	BEDRMS	Number of Bedrooms
H35	BEDRMSA	Number of Bedrooms Allocation Flag
H36	CPLUMB	Complete Plumbing Facilities
H37	CPLUMBA	Complete Plumbing Facilities Allocation Flag
H38	CKITCH	Complete Kitchen Facilities
H39	CKITCHA	Complete Kitchen Facilities Allocation Flag
H40	PHONE	Telephone Availability
H41	PHONEA	Telephone Availability Allocation Flag
H42	FUEL	Cooking Fuel
H43	FUELA	Cooking Fuel Allocation Flag
H44	VEHICL	Number of Vehicles Available
H45	VEHICLA	Number of Vehicles Available Allocation Flag
H46	WATERSRC	Source of Water
H47	WATRASRCA	Source of Water Allocation Flag
H48	PRCHSWTR	Water Purchase
H49	PRCHWTRA	Water Purchase Allocation Flag
H50	SEWAGE	Sewage Disposal
H51	SEWAGEA	Sewage Disposal Allocation Flag
H52	CONDO	House or Apartment Part of Condominium
H53	CONDOA	House or Apartment Part of Condominium Allocation Flag
H54	BUSINES	Commercial Business on Property
H55	BUSINESA	Commercial Business on Property Allocation Flag
H56	ACRES	Acreage
H57	ACRESA	Acreage Allocation Flag
H58	AGSALES	Sales of Agricultural Products
H59	AGSALESA	Sales of Agricultural Products Allocation Flag
H60-63	ELEC	Cost of Electricity (Annual)
H64	ELECA	Cost of Electricity (Annual) Allocation Flag
H65-68	GAS	Cost of Gas (Annual)
H69	GASA	Cost of Gas (Annual) Allocation Flag
H70-73	WATERCST	Cost of Water and Sewer (Annual)
H74	WATRCSTA	Cost of Water and Sewer (Annual) Allocation Flag
H75-78	OIL	Cost of Oil, Kerosene, or Wood (Annual)
H79	OILA	Cost of Oil, Kerosene, or Wood (Annual) Allocation Flag
H80-83	RENT	Monthly Rent

Character Location Index (Housing Unit Record)—Con.

Character location	Variable name	Description
H84	RENTA	Monthly Rent Allocation Flag
H85	MEALS	Meals Included in Rent
H86	MEALSA	Meals Included in Rent Allocation Flag
H87	MORTG1	Mortgage Status
H88	MORTG1A	Mortgage Status Allocation Flag
H89-93	MRT1AMT	Mortgage Payment (Monthly Amount)
H94	MRT1AMTA	Mortgage Payment (Monthly Amount) Allocation Flag
H95	MORTG2	Second Mortgage Status
H96	MORTG2A	Second Mortgage Status Allocation Flag
H97-101	MRT2AMT	Second Mortgage Payment (Monthly Amount)
H102	MRT2AMTA	Second Mortgage Payment (Monthly Amount) Allocation Flag
H103	TAXINCL	Property Tax Status
H104	TAXINCLA	Property Tax Status Allocation Flag
H105-106	TAXAMT	Property Tax Amount (Annual)
H107	TAXAMTA	Property Tax Amount (Annual) Allocation Flag
H108	INSINCL	Property Insurance Status
H109	INSINCLA	Property Insurance Status Allocation Flag
H110-113	INSAMT	Property Insurance Amount (Annual)
H114	INSAMTA	Property Insurance Amount (Annual) Allocation Flag
H115-118	CONDFEE	Condominium Fee (Monthly)
H119	CONDFEEA	Condominium Fee (Monthly) Allocation Flag
H120-121	VALUE	Property Value
H122	VALUEA	Property Value Allocation Flag
H123	MHLOAN	Mobile Home Loan Status
H124	MHLOANA	Mobile Home Loan Status Allocation Flag
H125-129	MHCOST	Mobile Home Costs
H130	MHCOSTA	Mobile Home Costs Allocation Flag
H131	HHT	Household/Family Type
H132-133	P65	Number of People 65 Years and Over in Household
H134-135	P18	Number of People Under 18 Years in Household
H136-137	NPF	Number of People in Family
H138-139	NOC	Number of Own Children Under 18 Years in Household
H140-141	NRC	Number of Related Children Under 18 Years in Household
H142	PSF	Presence of Subfamily in Household
H143	PAOC	Presence and Age of Own Children under 18 Years
H144	PARC	Presence and Age of Related Children under 18 Years
H145	SVAL	Specified Value Indicator
H146-150	SMOC	Selected Monthly Owner Costs
H151-153	SMOCAPI	Selected Monthly Owner Costs as a Percentage of Household Income
H154-157	GRNT	Gross Rent
H158-160	GRAPI	Gross Rent as a Percentage of Household Income
H161	HHL	Household Language
H162	WIF	Number of Workers in Family
H163	EMPSTAT	Family Type and Employment Status
H164-165	WORKEXP	Family Type and Work Experience of Householder
H166-173	HINC	Household Total Income in 1999
H174-181	FINC	Family Total Income in 1999
H182-248	FILLER	Filler

Character Location Index (Person Record)

Character location	Variable name	Description
P1	RECTYPE	Record Type
P2-8	SERIALNO	Housing/Group Quarters (GQ) Unit Serial Number
P9-10	PNUM	Person Sequence Number
P11-14	PWEIGHT	Person Weight
P15-16	RELATE	Relationship
P17	RELATEA	Relationship Allocation Flag
P18	OC	Own Child Indicator
P19	RC	Related Child Indicator
P20	PAOCF	Presence and Age of Own Children, Females
P21	SEX	Sex
P22	SEXA	Sex Allocation Flag
P23-24	AGE	Age
P25	AGEA	Age Allocation Flag
P26	SPAN	Hispanic or Latino Origin
P27	SPANA	Hispanic or Latino Origin Allocation Flag
P28	NUMRACE	Number of Major Race Groups Marked
P29	WHITE	White Recode
P30	BLACK	Black or African American Recode
P31	AIAN	American Indian and Alaska Native recode
P32	ASIAN	Asian Recode
P33	NHPI	Native Hawaiian and Other Pacific Islander recode
P34	OTHER	Some Other Race Recode
P35	RACE	Race Recode
P36	RACEA	Race Recode Allocation Flag
P37	MARSTAT	Marital Status
P38	MARSTATA	Marital Status Allocation Flag
P39	MSP	Married, Spouse Present Recode
P40	SFN	Subfamily Number for this Person
P41	SFREL	Subfamily Relationship
P42	ENROLL	School Enrollment; Attended since February 1, 2000
P43	ENROLLA	School Enrollment; Attended since February 1, 2000 Allocation Flag
P44	GRADE	Grade Attending
P45	GRADEA	Grade Attending Allocation Flag
P46-47	EDUC	Educational Attainment
P48	EDUCA	Educational Attainment Allocation Flag
P49	VCTIONAL	Vocational Training
P50	VCTONALA	Vocational Training Allocation Flag
P51	SPEAK	Non-English Language
P52	SPEAKA	Non-English Language Allocation Flag
P53-55	LANG	Language Spoken
P56	LANGA	Language Spoken Allocation Flag
P57	ENGABIL	English Ability
P58	ENGABILA	English Ability Allocation Flag
P59-61	POB	Place of Birth
P62	POBA	Place of Birth Allocation Flag
P63	CITIZEN	Citizenship Status
P64	CITIZENA	Citizenship Status Allocation Flag
P65-68	YR2AREA	Year of Entry to the Virgin Islands
P69	YR2AREAA	Year of Entry to the Virgin Islands Allocation Flag
P70-72	POBMOM	Mother's Place of Birth
P73	POBMOMA	Mother's Place of Birth Allocation Flag
P74-76	POBDAD	Father's Place of Birth
P77	POBDADA	Father's Place of Birth Allocation Flag

Character Location Index (Person Record)—Con.

Character location	Variable name	Description
P78	MOB	Residence 5 Years Ago
P79	MOBA	Residence 5 Years Ago Allocation Flag
P80-82	MIGST	Migration State or Foreign Country Code
P83	MIGSTA	Migration State or Foreign Country Code Allocation Flag
P84	SENSORY	Sensory Disability
P85	SENSORYA	Sensory Disability Allocation Flag
P86	PHYSCL	Physical Disability
P87	PHYSCLA	Physical Disability Allocation Flag
P88	MENTAL	Mental Disability
P89	MENTALA	Mental Disability Allocation Flag
P90	SLFCARE	Self-care Disability
P91	SLFCAREA	Self-care Disability Allocation Flag
P92	ABGO	Able to Go Out Disability
P93	ABGOA	Able to Go Out Disability Allocation Flag
P94	ABWORK	Employment Disability
P95	ABWORKA	Employment Disability Allocation Flag
P96	DISABLE	Disability Recode
P97	FERTIL	Number of Children Ever Born
P98	FERTILA	Number of Children Ever Born Allocation Flag
P99	GRANDC	Presence of Grandchildren Under 18 Years
P100	GRANDCA	Presence of Grandchildren Under 18 Years Allocation Flag
P101	RESPNSBL	Responsible for Grandchildren
P102	RESPNSBLA	Responsible for Grandchildren Allocation Flag
P103	HOWLONG	Length of Responsibility for Grandchildren
P104	HOWLONGA	Length of Responsibility for Grandchildren Allocation Flag
P105	MILITARY	Military Service
P106	MILTARYA	Military Service Allocation Flag
P107	VPS1	Veteran's Period of Service 1:On Active Duty April 1995 or Later
P108	VPS2	Veteran's Period of Service 2: On Active Duty August 1990 to March 1995 (Including Persian Gulf War)
P109	VPS3	Veteran's Period of Service 3: On Active Duty September 1980 to July 1990
P110	VPS4	Veteran's Period of Service 4: On Active Duty May 1975 to August 1980
P111	VPS5	Veteran's Period of Service 5: On Active Duty During the Vietnam Era (August 1964 to April 1975)
P112	VPS6	Veteran's Period of Service 6: On Active Duty February 1955 to July 1964
P113	VPS7	Veteran's Period of Service 7: On Active Duty During the Korean War (June 1950 to January 1955)
P114	VPS8	Veteran's Period of Service 8: On Active Duty During World War II (September 1940 to July 1947)
P115	VPS9	Veteran's Period of Service 9: On Active Duty Any Other Time
P116	VPSA	Veteran's Period of Service Allocation Flag
P117	MILYRS	Years of Military Service
P118	MILYRSA	Years of Military Service Allocation Flag
P119-120	VPSR	Veteran's Period of Service Recode
P121	ESR	Employment Status Recode
P122	ESRA	Employment Status Recode Allocation Flag
P123	ESP	Employment Status of Parent(s)
P124	WKLWK	Worked Last Week
P125-127	POWST	Place of Work State or Foreign Country Code
P128	POWSTA	Place of Work State or Foreign Country Code Allocation Flag
P129	TRVMNS	Means of Transportation to Work
P130	TRVMNSA	Means of Transportation to Work Allocation Flag
P131	CARPOOL	Vehicle Occupancy

Character location	Variable name	Description
P132	CARPOOLA	Vehicle Occupancy Allocation Flag
P133-134	LVTIME	Time Leaving for Work
P135	LVTIMEA	Time Leaving for Work Allocation Flag
P136-137	TRVTIME	Travel Time to Work
P138	TRVTIMEA	Travel Time to Work Allocation Flag
P139	LAYOFF	Layoff from Job
P140	ABSENT	Absent from Work
P141	RECALL	Return-to-Work Recall
P142	LOOKWRK	Looking for Work
P143	BACKWRK	Back to Work
P144	LASTWRK	Year Last Worked
P145	LASTWRKA	Year Last Worked Allocation Flag
P146-148	INDCEN	Industry (Census)
P149	INDCENA	Industry (Census) Allocation Flag
P150-157	INDNAICS	Industry (NAICS)
P158-160	OCCCEN	Occupation (Census)
P161	OCCCENA	Occupation (Census) Allocation Flag
P162-167	OCCSOC	Occupation (SOC)
P168	CLWRK	Class of Worker
P169	CLWRKA	Class of Worker Allocation Flag
P170	WRKLYR	Worked in 1999
P171	WRKLYRA	Worked in 1999 Allocation Flag
P172-173	WEEKS	Weeks Worked in 1999
P174	WEEKSA	Weeks Worked in 1999 Allocation Flag
P175-176	HOURS	Hours per Week in 1999
P177	HOURSA	Hours per Week in 1999 Allocation Flag
P178-183	INCWS	Wage/Salary Income in 1999
P184	INCWSA	Wage/Salary Income in 1999 Allocation Flag
P185-190	INCSE	Self-Employment Income in 1999
P191	INCSEA	Self-Employment Income in 1999 Allocation Flag
P192-197	INCINT	Interest Income in 1999
P198	INCINTA	Interest Income in 1999 Allocation Flag
P199-203	INCSS	Social Security Income in 1999
P204	INCSSA	Social Security Income in 1999 Allocation Flag
P205-209	INCSSI	Supplemental Security Income in 1999
P210	INCSSIA	Supplemental Security Income in 1999 Allocation Flag
P211-215	INCPA	Public Assistance Income in 1999
P216	INCPAA	Public Assistance Income in 1999 Allocation Flag
P217-222	INCRET	Retirement Income in 1999
P223	INCRETA	Retirement Income in 1999 Allocation Flag
P224-229	INCOTH	Other Income in 1999
P230	INCOTHA	Other Income in 1999 Allocation Flag
P231-237	INCTOT	Person's Total Income in 1999
P238	INCTOTA	Person's Total Income in 1999 Allocation Flag
P239-245	EARNS	Person's Total Earnings in 1999
P246-248	POVERTY	Person's Poverty Status

RECORD LAYOUT

The data for the Public Use Microdata Sample (PUMS), U.S. Virgin Islands are provided as one file. It is comprised of the housing unit record and the person record. The data fields in each record are 248 characters in length.

The first character position of each line in this data dictionary determines its type as shown below:

A "D" in the first position represents data item description. This line provides the variable name, the size of the field, the beginning position, and the ending position. (The variable name on this line is limited to 8 characters.)

A "T" in the first position provides an English description of the variable name.

An "R" in the first position indicates that the value is a range. The upper and lower values of the range are separated with ".."

The value description line has a "V" in the first position and a "." in position 24. This line provides the value code to the left of the "." And the value description to the right of the "." The description text may be continued for as many lines as are needed.

The layout is presented below.

HOUSING UNIT RECORD

DATA	SIZE	BEGIN	END
D RECTYPE	1	1	1

T Record Type
V   H . Housing or Group Quarters Unit

D SERIALNO	7	2	8

T Housing/Group Quarters Unit Serial Number
R   0000001..9999999 . Unique identifier assigned within state

D SAMPLE	1	9	9

T Sample Identifier
V   1 . 10% sample

D STATE	2	10	11

T State Code
V   78 . U.S. Virgin Islands

D SUBSAMPL	2	12	13

T Subsample number
R   00..99 .

D HWEIGHT	4	14	17

T Housing unit weight
V   0010 .

D PERSONS	2	18	19

T Number of person records following this housing record
V   00 . Vacant unit
V   01 . Householder living alone or any person in
                                  group quarters
R   02..97 . Number of persons in household

HOUSING UNIT RECORD—Con.

D UNITTYPE   1   20   20
T Type of unit
V   0 . Housing unit
V   1 . Institutional group quarters
V   2 . Noninstitutional group quarters

D VACSTAT   1   21   21
T Vacancy Status
V   0 . Not in universe (occupied)
V   1 . For rent
V   2 . For sale only
V   3 . Rented or sold, not occupied
V   4 . For seasonal, recreational or occasional use
V   5 . For migrant workers
V   6 . Other vacant

D VACSTATA   1   22   22
T Vacancy Status Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D TENURE   1   23   23
T Home Ownership
V   0 . Not in universe (vacant or GQ)
V   1 . Owned by you or someone in this household with
                                               a mortgage or loan
V   2 . Owned by you or someone in this household free
                                               and clear (without a mortgage or loan)
V   3 . Rented for cash rent
V   4 . Occupied without payment of cash rent

D TENUREA   1   24   24
T Home Ownership Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D BLDGSZ   2   25   26
T Size of Building
V   blank . Not in universe (GQ)
V   01 . A mobile home
V   02 . A one-family house detached from any other house
V   03 . A one-family house attached to one or more houses
V   04 . A building with 2 apartments
V   05 . A building with 3 or 4 apartments
V   06 . A building with 5 to 9 apartments
V   07 . A building with 10 to 19 apartments
V   08 . A building with 20 or more apartments
V   09 . A boat or houseboat
V   10 . RV, van, tent, etc.

D BLDGSZA   1   27   27
T Size of Building Allocation Flag
V   0 . Not allocated
V   1 . Allocated

HOUSING UNIT RECORD—Con.

```
D YRBUILT          1                      28                    28
T Year Building Built
V                              blank . Not in universe (GQ)
V                                  1 . 1999 to 2000
V                                  2 . 1995 to 1998
V                                  3 . 1990 to 1994
V                                  4 . 1980 to 1989
V                                  5 . 1970 to 1979
V                                  6 . 1960 to 1969
V                                  7 . 1950 to 1959
V                                  8 . 1940 to 1949
V                                  9 . 1939 or earlier

D YRBUILTA         1                      29                    29
T Year Building Built Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D YRMOVED          1                      30                    30
T Year Moved In
V                              blank . Not in universe (vacant or GQ)
V                                  1 . 1999 or 2000
V                                  2 . 1995 to 1998
V                                  3 . 1990 to 1994
V                                  4 . 1980 to 1989
V                                  5 . 1970 to 1979
V                                  6 . 1969 or earlier

D YRMOVEDA         1                      31                    31
T Year Moved In Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D ROOMS            1                      32                    32
T Number of Rooms
V                              blank . Not in universe (GQ)
R                                1..8 . 1 to 8 rooms
V                                  9 . 9 or more rooms

D ROOMSA           1                      33                    33
T Number of Rooms Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D BEDRMS           1                      34                    34
T Number of Bedrooms
V                              blank . Not in universe (GQ)
V                                  0 . No bedrooms
R                                1..4 . 1 to 4 bedrooms
V                                  5 . 5 or more bedrooms

D BEDRMSA          1                      35                    35
T Number of Bedrooms Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated
```

HOUSING UNIT RECORD—Con.

```
D CPLUMB          1                    36              36
T Complete Plumbing Facilities
V                              blank . Not in universe (GQ)
V                                  1 . Yes, have all three facilities
V                                  2 . No


D CPLUMBA         1                    37              37
T Complete Plumbing Facilities Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D CKITCH          1                    38              38
T Complete Kitchen Facilities
V                              blank . Not in universe (GQ)
V                                  1 . Yes, have all three facilities
V                                  2 . No


D CKITCHA         1                    39              39
T Complete Kitchen Facilities Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D PHONE           1                    40              40
T Telephone Availability
V                    blank .Not in universe (vacant or GQ)
V                                  1 . Yes
V                                  2 . No


D PHONEA          1                    41              41
T Telephone Availability Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D FUEL            1                    42              42
T Cooking Fuel
V                              blank . Not in universe (vacant or GQ)
V                                  1 . Gas: bottled, tank, or LP
V                                  2 . Electricity
V                                  3 . Fuel oil, kerosene, etc.
V                                  4 . Wood or charcoal
V                                  5 . Other fuel
V                                  6 . No fuel used


D FUELA           1                    43              43
T Cooking Fuel Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D VEHICL          1                    44              44
T Number of Vehicles Available
V                              blank . Not in universe (vacant or GQ)
V                                  0 . none
R                                1..5 . 1 to 5
V                                  6 . 6 or more
```

HOUSING UNIT RECORD—Con.

D VEHICLA   1   45   45
T Number of Vehicles Available Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D WATERSRC   1   46   46
T Source of Water
V   blank . Not in universe (GQ)
V   1 . A public system only
V   2 . A public system and cistern
V   3 . A cistern, tanks or drums only
V   4 . A public standpipe
V   5 . Other source such as an individual well or a spring

D WATRSRCA   1   47   47
T Source of Water Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D PRCHSWTR   1   48   48
T Water Purchase
V   blank . Not in universe (vacant or GQ)
V   1 . Yes
V   2 . No

D PRCHWTRA   1   49   49
T Water Purchase Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D SEWAGE   1   50   50
T Sewage Disposal
V   blank . Not in universe (GQ)
V   1 . Yes, connected to public sewer
V   2 . No, Connected to septic tank or cesspool
V   3 . No, use other means

D SEWAGEA   1   51   51
T Sewage Disposal Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D CONDO   1   52   52
T House or Apartment Part of Condominium
V   blank . Not in universe (GQ)
V   1 . Yes
V   2 . No

D CONDOA   1   53   53
T House or Apartment Part of Condominium Allocation Flag
V   0 . Not allocated
V   1 . Allocated

HOUSING UNIT RECORD—Con.

```
D BUSINES          1                    54                    54
T Commercial Business on Property
V                              blank . Not in universe (vacant or GQ; occupied and
                                       BLDGSZ= 1,2,3)
V                                  1 . Yes
V                                  2 . No

D BUSINESA         1                    55                    55
T Commercial Business on Property Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D ACRES            1                    56                    56
T Acreage
V                              blank . Not in universe (vacant or GQ;
                                       occupied and SBLDGSZ>3)
V                                  1 . Less than 1 acre
V                                  2 . 1.0 to 9.9 acres
V                                  3 . 10 acres or more

D ACRESA           1                    57                    57
T Acreage Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D AGSALES          1                    58                    58
T Sales of Agricultural Products
V                              blank . Not in universe (vacant or GQ; occupied and
                                       ACRES=1 or BDLGSZ>3)
V                                  1 . None
V                                  2 . $1 to $99
V                                  3 . $100 to $499
V                                  4 . $500 to $999
V                                  5 . $1,000 to $2,499
V                                  6 . $2,500 or more

D AGSALESA         1                    59                    59
T Sales of Agricultural Products Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D ELEC             4                    60                    63
T Cost of Electricity (Annual)
V                              blank . Not in universe (vacant or GQ)
V                               0000 . Included in rent or condominium fee
V                               0001 . No charge or not used
V                               0002 . $1 or $2
R                          0003..3999 . $3 to $3,999
V                               4000 . Topcode
V                               4900 . State mean of topcoded values

D ELECA            1                    64                    64
T Cost of Electricity (Annual) Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated
```

```
D GAS              4                  65                  68
T Cost of Gas (Annual)
V                             blank . Not in universe (vacant or GQ)
V                             0000 . Included in rent or condominium fee
V                             0001 . No charge or not used
V                             0002 . $1 or $2
R                        0003..1599 . $3 to $1,599
V                             1600 . Topcode
V                             3500 . State mean of topcoded values


D GASA             1                  69                  69
T Cost of Gas (Annual) Allocation Flag
V                                0 . Not allocated
V                                1 . Allocated


D WATERCST         4                  70                  73
T Cost of Water and Sewer (Annual)
V                             blank . Not in universe (vacant or GQ)
V                             0000 . Included in rent or condominium fee
V                             0001 . No charge or not used
V                             0002 . $1 or $2
R                        0003..3599 . $3 to $3,599
V                             3600 . Topcode
V                             4400 . State mean of topcoded values


D WATRCSTA         1                  74                  74
T Cost of Water and Sewer (Annual) Allocation Flag
V                                0 . Not allocated
V                                1 . Allocated


D OIL              4                  75                  78
T Cost of Oil, Kerosene, or Wood (Annual)
V                             blank . Not in universe (vacant or GQ)
V                             0000 . Included in rent or condominium fee
V                             0001 . No charge or not used
V                             0002 . $1 or $2
R                        0003..2999 . $3 to $2,999
V                             3000 . Topcode
V                             4100 . State mean of topcoded values


D OILA             1                  79                  79
T Cost of Oil, Kerosene, or Wood (Annual) Allocation Flag
V                                0 . Not allocated
V                                1 . Allocated


D RENT             4                  80                  83
T Monthly Rent
V                             blank . Not in universe (GQ; or TENURE is not 3 and
                                      VACSTAT is not 1)
R                        0001..1899 . $1 to $1,899
V                             1900 . Topcode
V                             3500 . State mean of topcoded values
```

HOUSING UNIT RECORD—Con.

D RENTA   1   84   84
T Monthly Rent Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MEALS   1   85   85
T Meals Included in Rent
V   blank . Not in universe (GQ; or TENURE is not 3 and
                                        VACSTAT is not 1)
V   1 . Yes
V   2 . No

D MEALSA   1   86   86
T Meals Included in Rent Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MORTG1   1   87   87
T Mortgage Status
V   blank . Not in universe (vacant, GQ, or renter-occupied)
V   1 . Yes, mortgage, deed of trust or similar debt
V   2 . Yes, contract to purchase
V   3 . No

D MORTG1A   1   88   88
T Mortgage Status Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MRT1AMT   5   89   93
T Mortgage Payment (Monthly Amount)
V   blank . Not in universe (vacant, GQ, renter-occupied,
                                        or owner-occupied and MORTG1 = 3)
V   00000 . No regular payment
R   00001..2899 . $1 to $2,899
V   2900 . Topcode
V   3700 . State mean of topcoded values

D MRT1AMTA   1   94   94
T Mortgage Payment (Monthly Amount) Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MORTG2   1   95   95
T Second Mortgage Status
V   blank . Not in universe (vacant, GQ, renter-occupied,
                                        or owner-occupied and MORTG1 = 3)
V   1 . Yes, a 2nd mortgage
V   2 . Yes, a home equity loan
V   3 . No
V   4 . Both a 2nd mortgage and a home equity loan

D MORTG2A   1   96   96
T Second Mortgage Status Allocation Flag
V   0 . Not allocated
V   1 . Allocated

HOUSING UNIT RECORD—Con.

D MRT2AMT   5   97   101
T Second Mortgage Payment (Monthly Amount)
V   blank . Not in universe (vacant, GQ, renter-occupied,
                                or owner-occupied and MORTG1 = 3)
V   00000 . No regular payment
R   00001..1999 . $1 to $1,999
V   2000 . Topcode
V   2900 . State mean of topcoded values

D MRT2AMTA   1   102   102
T Second Mortgage Payment (Monthly Amount) Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D TAXINCL   1   103   103
T Property Tax Status
V   blank . Not in universe (vacant, GQ, renter-occupied, or
                                owner-occupied and MORTG1 = 3)
V   1 . Yes, taxes included in mortgage payment
V   2 . No, taxes paid separately, or taxes not required

D TAXINCLA   1   104   104
T Property Tax Status Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D TAXAMT   2   105   106
T Property Tax Amount (Annual)
V   00 . Not in universe (GQ, renter-occupied or vacant
                                but VACSTAT not 2)
V   01 . No taxes paid
V   02 . $1 to $99
V   03 . $100 to $199
V   04 . $200 to $299
V   05 . $300 to $399
V   06 . $400 to $499
V   07 . $500 to $599
V   08 . $600 to $699
V   09 . $700 to $799
V   10 . $800 to $899
V   11 . $900 to $999
V   12 . $1,000 to $1,499
V   13 . $1,500 to $1,999
V   14 . $2,000 to $2,999
V   15 . $3,000 or more

D TAXAMTA   1   107   107
T Property Tax Amount (Annual) Allocation Flag
V   0 . Not allocated
V   1 . Allocated

HOUSING UNIT RECORD—Con.

```
D INSINCL          1                    108                 108
T Property Insurance Status
V                              blank . Not in universe (vacant, GQ, renter-occupied,
                                         or owner-occupied and MORTG1 = 3)
V                                  1 . Yes, insurance included in mortgage payment
V                                  2 . No, insurance paid separately, or no insurance


D INSINCLA         1                    109                 109
T Property Insurance Status Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D INSAMT           4                    110                 113
T Property Insurance Amount (Annual)
V                              blank . Not in universe (vacant, GQ, or renter-occupied)
V                               0000 . No insurance payment
R                          0001..7999 . $1 to $7,999
V                               8000 . Topcode
V                               8900 . State mean of topcoded values


D INSAMTA          1                    114                 114
T Property Insurance Amount (Annual) Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D CONDFEE          4                    115                 118
T Condominium Fee (Monthly)
V                              blank .Not in universe (vacant, GQ, or renter-occupied)
V                               0000 . Not a condominium
R                          0001..8299 . $1 to $8,299
V                               8300 . Topcode
V                               9500 . State mean of topcoded values


D CONDFEEA         1                    119                 119
T Condominium Fee (Monthly) Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D VALUE            2                    120                 121
T Property Value
V                              blank . Not in universe (GQ, TENURE = 3-4,
                                         or VACSTAT = 1, 3-6)
V                                 01 . Less than $10,000
V                                 02 . $10,000 to $14,999
V                                 03 . $15,000 to $19,999
V                                 04 . $20,000 to $24,999
V                                 05 . $25,000 to $29,999
V                                 06 . $30,000 to $34,999
V                                 07 . $35,000 to $39,999
V                                 08 . $40,000 to $49,999
V                                 09 . $50,000 to $59,999
V                                 10 . $60,000 to $69,999
V                                 11 . $70,000 to $79,999
V                                 12 . $80,000 to $89,999
V                                 13 . $90,000 to $99,999
```

HOUSING UNIT RECORD—Con.

V		14 . $100,000 to $124,999	
V		15 . $125,000 to $149,999	
V		16 . $150,000 to $174,999	
V		17 . $175,000 to $199,999	
V		18 . $200,000 to $249,999	
V		19 . $250,000 to $299,999	
V		20 . $300,000 to $399,999	
V		21 . $400,000 to $499,999	
V		22 . $500,000 to $749,999	
V		23 . $750,000 to $999,999	
V		24 . $1,000,000 or more	

D VALUEA   1   122   122
T Property Value Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MHLOAN   1   123   123
T Mobile Home Loan Status
V   blank . Not in universe (GQ, TENURE not 1-2,
                                                         or BLDGSZ not 1)
V   1 . Yes
V   2 . No

D MHLOANA   1   124   124
T Mobile Home Loan Status Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MHCOST   5   125   129
T Mobile Home Costs
V   blank . Not in universe (GQ, TENURE not 1-2,
                                                         or BLDGSZ not 1
V   00000 . No cost
R   00001..19999 . $1 to $19,999
V   20000 . Topcode
V   20000 . State mean of topcoded values

D MHCOSTA   1   130   130
T Mobile Home Costs Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D HHT   1   131   131
T Household/Family Type
V   0 . Not in universe (Vacant or GQ)
V   1 . Family household: married-couple
V   2 . Family household: male householder,
                                                         no wife present
V   3 . Family household: female householder,
                                                         no husband present
V   4 . Nonfamily household: Male householder,
                                                         living alone

V   5 . Nonfamily household: Male householder,
not living alone

V   6 . Nonfamily household: Female householder,
living alone

V   7 . Nonfamily household: Female householder,
not living alone

D P65   2   132   133
T Number of People 65 Years and Over in Household
V   00 . Not in universe (vacant or GQ)
R   01..97 . 1 to 97 people 65 years and over

D P18   2   134   135
T Number of People Under 18 Years in Household
V   00 . Not in universe (vacant or GQ)
R   01..97 . 1 to 97 people under 18 years

D NPF   2   136   137
T Number of People in Family
V   00 . Not in universe (vacant, GQ, or HHT not 1-3)
R   02..97 . 2 to 97 related people in family

D NOC   2   138   139
T Number of Own Children Under 18 Years in Household
V   00 . None (includes not in universe: vacant or GQ)
R   01..96 . 1 to 96 own children under 18 years

D NRC   2   140   141
T Number of Related Children Under 18 Years in Household
V   00 . None (includes not in universe: vacant or GQ)
R   01..96 . 1 to 96 related children under 18 years

D PSF   1   142   142
T Presence of Subfamily in Household
V   0 . No subfamilies (includes not in universe:
vacant or GQ)
V   1 . 1 or more subfamilies

D PAOC   1   143   143
T Presence and Age of Own Children under 18 years
V   0 . Not in universe (vacant or GQ)
V   1 . With own children under 6 years only
V   2 . With own children 6 to 17 years only
V   3 . With own children under 6 years and 6 to 17 years
V   4 . No own children under 18 years

D PARC   1   144   144
T Presence and Age of Related Children under 18 years
V   0 . Not in universe (vacant or GQ)
V   1 . With related children under 6 years only
V   2 . With related children 6 to 17 years only
V   3 . With related children under 6 years and 6 to
17 years
V   4 . No related children under 18 years

D SVAL   1   145   145
T Specified Value Indicator
V   0 . Not specified unit (includes GQ, rental units)
V   1 . Specified unit

D SMOC   5   146   150
T Selected Monthly Owner Costs
V   00000 . Not in universe (vacant, GQ, no costs,
                              not owner-occupied)
R   00001..9999 . $1 to $9,999
V   10000 . $10,000 or more

D SMOCAPI   3   151   153
T Selected Monthly Owner Costs as a Percentage of Household Income
V   000 . Not in universe (vacant, GQ, no costs, not
                              owner-occupied, or household income less than $1)
R   001..100 . 1% to 100%
V   101 . 101% or more

D GRNT   4   154   157
T Gross Rent
V   0000 . Not in universe (Vacant, GQ, owner-occupied,
                              not rented for cash rent)
R   0001..2999 . $1 to $2,999
V   3000 . $3,000 or more

D GRAPI   3   158   160
T Gross Rent as a Percentage of Household Income
V   000 . Not in universe (vacant, GQ, owner-occupied,
                              not rented for cash rent, or household income
                              is not positive, or 0%)
R   001..100 . 1% to 100%
V   101 . 101% or more

D HHL   1   161   161
T Household Language
V   0 . Not in universe (Vacant or GQ)
V   1 . English only
V   2 . Spanish
V   3 . Other indo-European
V   4 . Asian/Pacific Islander
V   5 . Other Language

D WIF   1   162   162
T Number of workers in family
V   0 . Not in universe (vacant, GQ, or HHT not 1-3)
V   1 . No workers in family
V   2 . 1 worker in family
V   3 . 2 workers in family
V   4 . 3 or more workers in family

HOUSING UNIT RECORD—Con.

D EMPSTAT   1   163   163
T Family Type and Employment Status
V   0 . Not in universe (vacant, GQ, or HHT not 1-3)
V   1 . Married-couple family; husband in labor force,
                                         wife in labor force
V   2 . Married-couple family; husband in labor force,
                                         wife not in labor force
V   3 . Married-couple family; husband not in labor force,
                                         wife in labor force
V   4 . Married-couple family; husband not in labor force,
                                         wife not in labor force
V   5 . Other family; male householder, no wife present, in
                                         labor force
V   6 . Other family; male householder, no wife present,
                                         not in labor force
V   7 . Other family; female householder, no husband
                                         present, in labor force
V   8 . Other family; female householder, no husband
                                         present, not in labor force

D WORKEXP   2   164   165
T Family Type and Work Experience of Householder
V   00 . Not in universe (vacant, GQ, or HHT not 1-3)
V   01 . Married-couple family; householder worked
                                         full-time, year-round in 1999, spouse worked
                                         full-time, year-round in 1999
V   02 . Married-couple family; householder worked
                                         full-time, year-round in 1999, spouse worked
                                         less than full-time, year-round in 1999
V   03 . Married-couple family; householder worked
                                         full-time, year-round in 1999, spouse did not
                                         work in 1999
V   04 . Married-couple family; householder worked
                                         less than full-time, year-round in 1999,
                                         spouse worked full-time, year-round in 1999
V   05 . Married-couple family; householder worked
                                         less than full-time, year-round in 1999, spouse
                                         worked less than full-time, year-round in 1999
V   06 . Married-couple family; householder worked
                                         less than full-time, year-round in 1999,
                                         spouse did not work in 1999
V   07 . Married-couple family; householder
                                         did not work in 1999, spouse worked full-time,
                                         year-round in 1999
V   08 . Married-couple family; householder did not
                                         work in 1999, spouse worked less than
                                         full-time, year-round in 1999
V   09 . Married-couple family; householder did not
                                         work in 1999, spouse did not work in 1999
V   10 . Other family; male householder, no wife
                                         present, householder worked full-time
                                         year-round in 1999
V   11 . Other family; male householder, no wife
                                         present, householder worked less than
                                         full-time year-round in 1999

HOUSING UNIT RECORD—Con.

V		12 .	Other family; male householder, no wife present, householder did not work in 1999
V		13 .	Other family; female householder, no husband present, householder worked full-time year-round in 1999
V		14 .	Other family; female householder, no husband present, householder worked less than full-time year-round in 1999
V		15 .	Other family; female householder, no husband present, householder did not work in 1999

D HINC   8   166   173
T Household Total Income in 1999
V   -0059999 . Loss of $59,999 or more
R   -0000001..-0059998 . Loss of $1 to $59,998
V   00000000 . Not in universe (vacant, GQ, no income)
V   00000001 . $1 or break even
R   00000002..00199999 . $2 to $199,999
V   00200000 . $200,000 or more

D FINC   8   174   181
T Family Total Income in 1999
V   -0059999 . Loss of $59,999 or more
R   -0000001..-0059998 . Loss of $1 to $59,998
V   00000000 . Not in universe (vacant, GQ, no income)
V   00000001 . $1 or break even
R   00000002..00199999 . $2 to $199,999
V   00200000 . $200,000 or more

D FILLER   67   182   248

PERSON RECORD

DATA	SIZE	BEGIN	END
D RECTYPE	1	1	1

T Record Type
V   P . Person record

D SERIALNO	7	2	8

T Housing/Group Quarters (GQ) Unit Serial Number
R   0000001..9999999 .Unique identifier assigned within state

D PNUM	2	9	10

T Person Sequence Number
R   1..97 . Person Number

D PWEIGHT	4	11	14

T Person Weight
V   10 . Person weight

D RELATE	2	15	16

T Relationship
V   01 . Householder
V   02 . Husband/wife
V   03 . Natural born son/daughter
V   04 . Adopted son/daughter
V   05 . Stepson/stepdaughter
V   06 . Brother/sister
V   07 . Father/mother
V   08 . Grandchild
V   09 . Parent-in-law
V   10 . Son-in-law/daughter-in-law
V   11 . Other relative
V   12 . Brother-in-law/sister-in-law
V   13 . Nephew/niece
V   14 . Grandparent
V   15 . Uncle/aunt
V   16 . Cousin
V   17 . Roomer/boarder
V   18 . Housemate/roommate
V   19 . Unmarried partner
V   20 . Foster child
V   21 . Other nonrelative
V   22 . Institutionalized GQ person
V   23 . Noninstitutionalized GQ person

D RELATEA	1	17	17

T Relationship Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D OC	1	18	18

T Own Child Indicator
V   0 . Not an own child under 18 years (includes GQ)
V   1 . Yes, own child under 18 years

PERSON RECORD—Con.

```
D RC               1                        19                      19
T Related Child Indicator
V                                           0 . Not a related child under 18 years (includes GQ)
V                                           1 . Yes, related child under 18 years


D PAOCF            1                        20                      20
T Presence and Age of Own Children, Females
V                                           0 . Not in universe (GQ, male, and females
                                                under 16 years)
V                                           1 . With own children under 6 years only
V                                           2 . With own children 6 to 17 years only
V                                           3 . With own children under 6 years and 6 to 17 years
V                                           4 . No own children under 18 years


D SEX              1                        21                      21
T Sex
V                                           1 . Male
V                                           2 . Female


D SEXA             1                        22                      22
T Sex Allocation Flag
V                                           0 . Not allocated
V                                           1 . Allocated


D AGE              2                        23                      24
T Age
V                                           0 . Under 1 year
R                                        1..89 . 1 to 89 years
V                                          90 . Topcode
V                                          93 . State mean of topcoded values


D AGEA             1                        25                      25
T Age Allocation Flag
V                                           0 . Not allocated
V                                           1 . Allocated


D SPAN             1                        26                      26
T Hispanic or Latino Origin
V                                           1 . Not Hispanic or Latino
V                                           2 . Mexican
V                                           3 . Puerto Rican
V                                           4 . Cuban
V                                           5 . Dominican
V                                           6 . Other Central American
V                                           7 . South American
V                                           8 . All other Hispanic/Latino


D SPANA            1                        27                      27
T Hispanic or Latino Origin Allocation Flag
V                                           0 . Not allocated
V                                           1 . Allocated
```

PERSON RECORD—Con.

D NUMRACE   1   28   28
T Number of Major Race Groups Marked
V   1 . One race
V   2 . Two races
V   3 . Three races
V   4 . Four races
V   5 . Five races
V   6 . Six races

D WHITE   1   29   29
T White recode
V   0 . No
V   1 . Yes, alone or in combination with one or more other races

D BLACK   1   30   30
T Black or African American recode
V   0 . No
V   1 . Yes, alone or in combination with one or more other races

D AIAN   1   31   31
T American Indian and Alaska Native recode
V   0 . No
V   1 . Yes, alone or in combination with one or more other races

D ASIAN   1   32   32
T Asian recode
V   0 . No
V   1 . Yes, alone or in combination with one or more other races

D NHPI   1   33   33
T Native Hawaiian and Other Pacific Islander recode
V   0 . No
V   1 . Yes, alone or in combination with one or more other races

D OTHER   1   34   34
T Some Other Race Recode
V   0 . No
V   1 . Yes, alone or in combination with one or more other races

D RACE   1   35   35
T Race Recode
V   1 . White alone
V   2 . Black or African American alone
V   3 . American Indian or Alaska Native alone
V   6 . Asian alone
V   7 . Native Hawaiian and Other Pacific Islander alone
V   8 . Some other race alone
V   9 . Two or more major race groups

PERSON RECORD—Con.

D RACEA   1   36   36
T Race Recode Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MARSTAT   1   37   37
T Marital Status
V   1 . Now married
V   2 . Widowed
V   3 . Divorced
V   4 . Separated
V   5 . Never married (includes under 15 years)

D MARSTATA   1   38   38
T Marital Status Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MSP   1   39   39
T Married, Spouse Present Recode
V   0 . Not in universe (Under 15 years)
V   1 . Now married, spouse present
V   2 . Now married, spouse absent
V   3 . Widowed
V   4 . Divorced
V   5 . Separated
V   6 . Never married

D SFN   1   40   40
T Subfamily Number for this person
V   0 . Not in a subfamily
V   1 . In subfamily #1
V   2 . In subfamily #2
V   3 . In subfamily #3
V   4 . In subfamily #4

D SFREL   1   41   41
T Subfamily Relationship
V   0 . Not in a subfamily
V   1 . Husband/wife, no children
V   2 . Husband/wife, with children
V   3 . Parent in one-parent subfamily
V   4 . Child in married-couple subfamily
V   5 . Child in mother-child subfamily
V   6 . Child in father-child subfamily

D ENROLL   1   42   42
T School Enrollment; Attended since February 1, 2000
V   0 . Not in universe (Under 3 years)
V   1 . No, has not attended since February 1
V   2 . Yes, public school or college
V   3 . Yes, private school or college

PERSON RECORD—Con.

D ENROLLA   1   43   43
T School Enrollment; Attended since February 1, 2000 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D GRADE   1   44   44
T Grade Attending
V   0 . Not in universe (Under 3 years or ENROLL = 1)
V   1 . Nursery school, preschool
V   2 . Kindergarten
V   3 . Grade 1 to grade 4
V   4 . Grade 5 to grade 8
V   5 . Grade 9 to grade 12
V   6 . College undergraduate
V   7 . Graduate or professional school

D GRADEA   1   45   45
T Grade Attending Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D EDUC   2   46   47
T Educational Attainment
V   00 . Not in universe (Under 3 years)
V   01 . No schooling completed
V   02 . Nursery school to 4th grade
V   03 . 5th grade or 6th grade
V   04 . 7th grade or 8th grade
V   05 . 9th grade
V   06 . 10th grade
V   07 . 11th grade
V   08 . 12th grade, no diploma
V   09 . High school graduate
V   10 . Some college, but less than 1 year
V   11 . One or more years of college, no degree
V   12 . Associate degree
V   13 . Bachelor's degree
V   14 . Master's degree
V   15 . Professional degree
V   16 . Doctorate degree

D EDUCA   1   48   48
T Educational Attainment Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D VCTIONAL   1   49   49
T Vocational Training
V   0 . Not in universe (Under 16 years)
V   1 . No training
V   2 . Yes, trained in the U.S. Virgin Islands
V   3 . Yes, trained outside the U.S. Virgin Islands

PERSON RECORD—Con.

D VCTONALA   1   50   50
T Vocational Training Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D SPEAK   1   51   51
T Non-English Language
V   blank . Not in universe (Under 5 years)
V   1 . Yes
V   2 . No

D SPEAKA   1   52   52
T Non-English Language Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D LANG   3   53   55
T Language Spoken
V   000 . Not in universe (Less than 5 years or SPEAK = 2)
V   607 . Austrian
V   610 . Yiddish
V   615 . Danish
V   619 . Italian
V   620 . French
V   622 . Patois
V   623 . Creole
V   625 . Cuban
V   630 . Papiamento
V   663 . Hindi
V   675 . Sindhi
V   704 . Tamil
V   708 . Chinese
V   742 . Tagalog
V   777 . Arabic
V   985 . Other Indo-European
V   986 . Other Asian or Pacific Island
V   994 . Other

D LANGA   1   56   56
T Language Spoken Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D ENGABIL   1   57   57
T English Ability
V   blank . Not in universe (Under 5 years or SPEAK = 2)
V   1 . Very well
V   2 . Well
V   3 . Not well
V   4 . Not at all

D ENGABILA   1   58   58
T English Ability Allocation Flag
V   0 . Not allocated
V   1 . Allocated

PERSON RECORD—Con.

```
D POB              3                 59                    61
T Place of Birth
R                          001..056 . FIPS Codes for U.S. States
V                               057 . U.S. non-specific
V                               072 . Puerto Rico
V                               106 . Denmark
V                               109 . France
V                               110 . Germany
V                               119 . Ireland
V                               120 . Italy
V                               134 . Spain
V                               138 . UK
V                               139 . England
V                               166 . Europe - nec
V                               210 . India
V                               214 . Israel
V                               216 . Jordan
V                               222 . Kuwait
V                               231 . Pakistan
V                               233 . Philippines
V                               249 . Asia - nec
V                               301 . Canada
V                               303 . Mexico
V                               316 . Panama
V                               317 . Central America - nec
V                               320 . Anguilla
V                               321 . Antigua & Barbuda
V                               322 . Aruba
V                               324 . Barbados
V                               325 . British Virgin Islands
V                               327 . Cuba
V                               328 . Dominica
V                               329 . Dominican Republic
V                               330 . Grenada
V                               331 . Guadeloupe
V                               332 . Haiti
V                               333 . Jamaica
V                               335 . Montserrat
V                               336 . Netherlands Antilles
V                               337 . St. Barthelemy
V                               338 . St Kitts - Nevis
V                               339 . St. Lucia
V                               340 . St. Vincent & the Grenadines
V                               341 . Trinidad & Tobago
V                               343 . West Indies - nec
V                               364 . Colombia
V                               368 . Guyana
V                               373 . Venezuela
V                               374 . South America - nec
V                               462 . Africa
V                               555 . Elsewhere
V                               781 . St. Croix, USVI
V                               782 . St. John, USVI
V                               783 . St. Thomas, USVI
```

PERSON RECORD—Con.

```
D POBA              1                   62                      62
T Place of Birth Allocation Flag
V                                       0 . Not allocated
V                                       1 . Allocated

D CITIZEN           1                   63                      63
T Citizenship Status
V                                       1 . Yes, born in U.S. Virgin Islands
V                                       2 . Yes, born in U.S., U.S. Territory or Commonwealth
V                                       3 . Yes, born abroad of American parent or parents
V                                       4 . Yes, U.S. citizen by naturalization
V                                       5 . No, not a citizen of the United States
                                            [Permanent resident]
V                                       6 . No, not a citizen of the United States
                                            [Temporary resident]

D CITIZENA          1                   64                      64
T Citizenship Status Allocation Flag
V                                       0 . Not allocated
V                                       1 . Allocated

D YR2AREA           4                   65                      68
T Year of Entry to the Virgin Islands
V                                   blank . Not in universe (CITIZEN = 1)
V                                    1937 . 1937 or earlier
R                              1938..2000 . 1938 to 2000

D YR2AREAA          1                   69                      69
T Year of Entry to the Virgin Islands Allocation Flag
V                                       0 . Not allocated
V                                       1 . Allocated

D POBMOM            3                   70                      72
T Mother's Place of Birth
R                                001..056 . FIPS Codes for U.S. States
V                                     057 . U.S. non specific
V                                     072 . Puerto Rico
V                                     102 . Austria
V                                     106 . Denmark
V                                     109 . France
V                                     110 . Germany
V                                     119 . Ireland
V                                     120 . Italy
V                                     126 . Netherlands
V                                     128 . Poland
V                                     134 . Spain
V                                     136 . Sweden
V                                     138 . UK
V                                     139 . England
V                                     140 . Scotland
V                                     163 . Russia
V                                     166 . Europe - nec
V                                     207 . China
V                                     210 . India
V                                     214 . Israel
V                                     216 . Jordan
```

PERSON RECORD—Con.

V	222 . Kuwait	
V	231 . Pakistan	
V	233 . Philippines	
V	249 . Asia - nec	
V	301 . Canada	
V	303 . Mexico	
V	314 . Honduras	
V	316 . Panama	
V	317 . Central America - nec	
V	320 . Anguilla	
V	321 . Antigua & Barbuda	
V	322 . Aruba	
V	324 . Barbados	
V	325 . British Virgin Islands	
V	327 . Cuba	
V	328 . Dominica	
V	329 . Dominican Republic	
V	330 . Grenada	
V	331 . Guadeloupe	
V	332 . Haiti	
V	333 . Jamaica	
V	335 . Montserrat	
V	336 . Netherlands Antilles	
V	337 . St. Barthelemy	
V	338 . St. Kitts-Nevis	
V	339 . St. Lucia	
V	340 . St. Vincent & the Grenadines	
V	341 . Trinidad & Tobago	
V	343 . West Indies - nec	
V	360 . Argentina	
V	362 . Brazil	
V	364 . Colombia	
V	368 . Guyana	
V	370 . Peru	
V	373 . Venezuela	
V	374 . South America - nec	
V	462 . Africa	
V	555 . Elsewhere	
V	781 . St. Croix, USVI	
V	782 . St. John, USVI	
V	783 . St. Thomas, USVI	

D POBMOMA   1   73   73
T Mother's Place of Birth Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D POBDAD   3   74   76
T Father's Place of Birth
R   001..056 . FIPS Codes for U.S. States
V   057 . U.S. non specific
V   072 . Puerto Rico
V   102 . Austria
V   106 . Denmark
V   109 . France
V   110 . Germany

V	119 . Ireland
V	120 . Italy
V	126 . Netherlands
V	128 . Poland
V	134 . Spain
V	136 . Sweden
V	138 . UK
V	139 . England
V	140 . Scotland
V	163 . Russia
V	166 . Europe - nec
V	207 . China
V	210 . India
V	214 . Israel
V	216 . Jordan
V	222 . Kuwait
V	231 . Pakistan
V	233 . Philippines
V	249 . Asia - nec
V	301 . Canada
V	303 . Mexico
V	310 . Belize
V	314 . Honduras
V	316 . Panama
V	317 . Central America - nec
V	320 . Anguilla
V	321 . Antigua& Barbuda
V	322 . Aruba
V	323 . Bahamas
V	324 . Barbados
V	325 . British Virgin Islands
V	327 . Cuba
V	328 . Dominica
V	329 . Dominican Republic
V	330 . Grenada
V	331 . Guadeloupe
V	332 . Haiti
V	333 . Jamaica
V	335 . Montserrat
V	336 . Netherlands Antilles
V	337 . St. Barthelemy
V	338 . St. Kitts-Nevis
V	339 . St. Lucia
V	340 . St. Vincent & the Grenadines
V	341 . Trinidad & Tobago
V	343 . West Indies - nec
V	364 . Columbia
V	368 . Guyana
V	373 . Venezuela
V	374 . South America - nec
V	440 . Nigeria
V	462 . Africa - nec
V	555 . Elsewhere
V	781 . St. Croix, USVI
V	782 . St. John, USVI
V	783 . St. Thomas. USVI

PERSON RECORD—Con.

```
D POBDADA          1                      77                       77
T Father's Place of Birth Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D MOB              1                      78                       78
T Residence 5 Years Ago
V                                  0 . Not in universe (Under 5 years)
V                                  1 . Yes, same house
V                                  2 . No, different house


D MOBA             1                      79                       79
T Residence 5 Years Ago Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated


D MIGST            3                      80                       82
T Migration State or Foreign Country Code
V                                000 . Not in universe (Under 5 years)
R                             001..056 . FIPS Codes for U.S. States
V                                057 . U.S. non specific
V                                072 . Puerto Rico
V                                110 . Germany
V                                139 . England
V                                166 . Europe - nec
V                                214 . Israel
V                                249 . Asia - nec
V                                301 . Canada
V                                317 . Central America
V                                320 . Anguilla
V                                321 . Antigua & Barbuda
V                                325 . British Virgin Islands
V                                329 . Dominican Republic
V                                330 . Grenada
V                                331 . Guadeloupe
V                                332 . Haiti
V                                333 . Jamaica
V                                335 . Montserrat
V                                336 . Netherlands Antilles
V                                338 . St. Kitts-Nevis
V                                339 . St. Lucia
V                                340 . St. Vincent & the Grenadines
V                                341 . Trinidad & Tobago
V                                343 . West Indies - nec
V                                374 . South America
V                                555 . Elsewhere
V                                781 . St. Croix, USVI
V                                782 . St. John, USVI
V                                783 . St. Thomas, USVI


D MIGSTA           1                      83                       83
T Migration State or Foreign Country Code Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated
```

PERSON RECORD—Con.

D SENSORY   1   84   84
T Sensory Disability
V   blank . Not in universe (Under 5 years)
V   1 . Yes
V   2 . No

D SENSORYA   1   85   85
T Sensory Disability Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D PHYSCL   1   86   86
T Physical Disability
V   blank . Not in universe (Under 5 years)
V   1 . Yes
V   2 . No

D PHYSCLA   1   87   87
T Physical Disability Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MENTAL   1   88   88
T Mental Disability
V   blank . Not in universe (Under 5 years)
V   1 . Yes
V   2 . No

D MENTALA   1   89   89
T Mental Disability Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D SLFCARE   1   90   90
T Self-care Disability
V   blank . Not in universe (Under 5 years)
V   1 . Yes
V   2 . No

D SLFCAREA   1   91   91
T Self-care Disability Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D ABGO   1   92   92
T Able to Go Out Disability
V   blank . Not in universe (Under 16 years)
V   1 . Yes
V   2 . No

D ABGOA   1   93   93
T Able to Go Out Disability Allocation Flag
V   0 . Not allocated
V   1 . Allocated

PERSON RECORD—Con.

```
D ABWORK           1                    94                      94
T Employment Disability
V                          blank . Not in universe (Under 16 years)
V                              1 . Yes
V                              2 . No


D ABWORKA          1                    95                      95
T Employment Disability Allocation Flag
V                              0 . Not allocated
V                              1 . Allocated


D DISABLE          1                    96                      96
T Disability Recode
V                              0 . Not in universe (Under 5 years)
V                              1 . With a disability
V                              2 . Without a disability


D FERTIL           1                    97                      97
T Number of Children Ever Born
V                          blank . Not in universe (Under 15 years or Male)
V                              0 . None
V                              1 . One
V                              2 . Two
V                              3 . Three
V                              4 . Four
V                              5 . Five
V                              6 . Six or more


D FERTILA          1                    98                      98
T Number of Children Ever Born Allocation Flag
V                              0 . Not allocated
V                              1 . Allocated


D GRANDC           1                    99                      99
T Presence of Grandchildren Under 18 Years
V                              0 . Not in universe (Under 15 years)
V                              1 . Yes
V                              2 . No


D GRANDCA          1                    100                     100
T Presence of Grandchildren Under 18 Years Allocation Flag
V                              0 . Not allocated
V                              1 . Allocated


D RESPNSBL         1                    101                     101
T Responsible for Grandchildren
V                              0 . Not in universe (Under 15 years or GRANDC = 2)
V                              1 . Yes
V                              2 . No


D RESPNSBLA        1                    102                     102
T Responsible for Grandchildren Allocation Flag
V                              0 . Not allocated
V                              1 . Allocated
```

PERSON RECORD—Con.

D HOWLONG   1   103   103
T Length of Responsibility for Grandchildren
V   0 . Not in universe (Under 15 years or
                                          GRANDC/RESPNSBL = 2)
V   1 . Less than 6 months
V   2 . 6 to 11 months
V   3 . 1 or 2 years
V   4 . 3 or 4 years
V   5 . 5 years or more

D HOWLONGA   1   104   104
T Length of Responsibility for Grandchildren Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MILITARY   1   105   105
T Military Service
V   0 . Not in universe (Under 17 years)
V   1 . Yes, now on active duty
V   2 . Yes, on active duty in the past, but not now
V   3 . No, training for reserves or National Guard only
V   4 . No active duty service

D MILTARYA   1   106   106
T Military Service Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D VPS1   1   107   107
T Veteran's Period of Service 1:On Active Duty April 1995 or Later
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS2   1   108   108
T Veteran's Period of Service 2: On Active Duty August 1990 to March 1995 (Including Persian Gulf War)
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS3   1   109   109
T Veteran's Period of Service 3: On Active Duty September 1980 to July 1990
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS4   1   110   110
T Veteran's Period of Service 4: On Active Duty May 1975 to August 1980
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS5   1   111   111
T Veteran's Period of Service 5: On Active Duty During the Vietnam Era (August 1964 to April 1975)
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

PERSON RECORD—Con.

D VPS6   1   112   112
T Veteran's Period of Service 6: On Active Duty February 1955 to July 1964
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS7   1   113   113
T Veteran's Period of Service 7: On Active Duty During the Korean War (June 1950 to January
1955)
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS8   1   114   114
T Veteran's Period of Service 8: On Active Duty During World War II (September 1940 to July
1947)
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPS9   1   115   115
T Veteran's Period of Service 9: On Active Duty Any Other Time
V   0 . Did not serve in this period or under 17 years
V   1 . Served in this period

D VPSA   1   116   116
T Veteran's Period of Service Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D MILYRS   1   117   117
T Years of Military Service
V   0 . Not in universe (Under 17 years)
V   1 . Less than 2 years
V   2 . 2 years or more

D MILYRSA   1   118   118
T Years of Military Service Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D VPSR   2   119   120
T Veteran's Period of Service Recode
V   00 . Not in universe (Under 18 years or no
                                                  active duty military service)
V   01 . August 1990 or later (including Persian
                                                  Gulf War); Served in Vietnam era
V   02 . August 1990 or later (including Persian
                                                  Gulf War); No Vietnam era service; September
                                                  1980 or later only; Served under 2 years
V   03 . August 1990 or later (including Persian
                                                  Gulf War); No Vietnam era service; September
                                                  1980 or later only; Served 2 years or more
V   04 . August 1990 or later (including Persian
                                                  Gulf War); No Vietnam era service; September
                                                  1980 or later only; Served prior to September 1980
V   05 . May 1975 to July 1990 only: September 1980
                                                  to July 1990 only: Served under 2 years
V   06 . May 1975 to July 1990 only: September 1980

PERSON RECORD—Con.

				to July 1990 only: Served 2 years or more
V		07 .		May 1975 to July 1980 only: September 1980 to July 1990 only; Other May 1975 to August 1980 service
V		08 .		Vietnam era, no Korean War, no WWII, no August 1990 or later
V		09 .		Vietnam era, Korean War, no WWII
V		10 .		Vietnam era, Korean War, and WWII
V		11 .		February 1955 to July 1964 only
V		12 .		Korean War, no Vietnam era, no WWII
V		13 .		Korean War and WWII, no Vietnam era
V		14 .		WWII, no Korean War, no Vietnam era
V		15 .		Other service only

D ESR	1	121	121
T Employment Status Recode			
V		0 .	Not in universe (Under 16 years)
V		1 .	Employed, at work
V		2 .	Employed, with a job but not at work
V		3 .	Unemployed
V		4 .	Armed Forces, at work
V		5 .	Armed Forces, with a job but not at work
V		6 .	Not in labor force

D ESRA	1	122	122
T Employment Status Recode Allocation Flag			
V		0 .	Not allocated
V		1 .	Allocated

D ESP	1	123	123
T Employment Status of Parent(s)			
V		0 .	Not in universe (not own child in family or child in subfamily)
V		1 .	Living with 2 parents, both parents in labor force
V		2 .	Living with 2 parents, father only in labor force
V		3 .	Living with 2 parents, mother only in labor force
V		4 .	Living with 2 parents, neither parent in labor force
V		5 .	Living with one parent: living with father; father in labor force
V		6 .	Living with one parent; living with father; father not in labor force
V		7 .	Living with one parent: living with mother; mother in labor force
V		8 .	Living with one parent; living with mother; mother not in labor force

D WKLWK	1	124	124
T Worked Last Week			
V		0 .	Not in universe (Under 16 years)
V		1 .	Worked for pay
V		2 .	Did not work

PERSON RECORD—Con.

D POWST   3   125   127
T Place of Work State or Foreign Country Code
V   000 . Not in universe (Under 16 years or ESR not 1
                                            and not 4)
V   057 . U.S.
V   555 . Elsewhere
V   781 . St. Croix, USVI
V   782 . St. John, USVI
V   783 . St. Thomas, USVI

D POWSTA   1   128   128
T Place of Work State or Foreign Country Code Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D TRVMNS   1   129   129
T Means of Transportation to Work
V   0 . Not in universe (Under 16 years or ESR not 1 or 4
V   1 . Car, truck, or van
V   2 . Public van/bus
V   3 . Taxicab
V   4 . Motorcycle
V   5 . Safari/taxi bus
V   6 . Ferry/water taxi
V   7 . Walked
V   8 . Worked at home
V   9 . Other method

D TRVMNSA   1   130   130
T Means of Transportation to Work Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D CARPOOL   1   131   131
T Vehicle Occupancy
V   0 . Not in universe (Under 16 years,
                                            ESR not 1 or 4, TRVMNS not 1)
V   1 . Drove alone
V   2 . 2 people
V   3 . 3 people
V   4 . 4 people
V   5 . 5 or 6 people
V   6 . 7 or more people

D CARPOOLA   1   132   132
T Vehicle Occupancy Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D LVTIME   2   133   134
T Time Leaving for Work
V   00 . Not in universe (Under 16 years, ESR not 1 or 4,
                                            or TRVMNS = 8)
V   01 . 12:00 am to 12:59 am
V   02 . 1:00 am to 1:59 am
V   03 . 2:00 am to 2:29 am

PERSON RECORD—Con.

V	04 . 2:30 am to 2:59 am
V	05 . 3:00 am to 3:29 am
V	06 . 3:30 am to 3:59 am
V	07 . 4:00 am to 4:14 am
V	08 . 4:15 am to 4:29 am
V	09 . 4:30 am to 4:44 am
V	10 . 4:45 am to 4:59 am
V	11 . 5:00 am to 5:14 am
V	12 . 5:15 am to 5:29 am
V	13 . 5:30 am to 5:44 am
V	14 . 5:45 am to 5:59 am
V	15 . 6:00 am to 6:04 am
V	16 . 6:05 am to 6:09 am
V	17 . 6:10 am to 6:14 am
V	18 . 6:15 am to 6:19 am
V	19 . 6:20 am to 6:24 am
V	20 . 6:25 am to 6:29 am
V	21 . 6:30 am to 6:34 am
V	22 . 6:35 am to 6:39 am
V	23 . 6:40 am to 6:44 am
V	24 . 6:45 am to 6:49 am
V	25 . 6:50 am to 6:54 am
V	26 . 6:55 am to 6:59 am
V	27 . 7:00 am to 7:04 am
V	28 . 7:05 am to 7:09 am
V	29 . 7:10 am to 7:14 am
V	30 . 7:15 am to 7:19 am
V	31 . 7:20 am to 7:24 am
V	32 . 7:25 am to 7:29 am
V	33 . 7:30 am to 7:34 am
V	34 . 7:35 am to 7:39 am
V	35 . 7:40 am to 7:44 am
V	36 . 7:45 am to 7:49 am
V	37 . 7:50 am to 7:54 am
V	38 . 7:55 am to 7:59 am
V	39 . 8:00 am to 8:14 am
V	40 . 8:15 am to 8:29 am
V	41 . 8:30 am to 8:44 am
V	42 . 8:45 am to 8:59 am
V	43 . 9:00 am to 9:14 am
V	44 . 9:15 am to 9:29 am
V	45 . 9:30 am to 9:44 am
V	46 . 9:45 am to 9:59 am
V	47 . 10:00 am to 10:14 am
V	48 . 10:15 am to 10:39 am
V	49 . 10:30 am to 10:44 am
V	50 . 10:45 am to 10:59 am
V	51 . 11:00 am to 11:29 am
V	52 . 11:30 am to 11:59 am
V	53 . 12:00 pm to 12:29 pm
V	54 . 12:30 pm to 12:59 pm
V	55 . 1:00 pm to 1:59 pm
V	56 . 2:00 pm to 2:59 pm
V	57 . 3:00 pm to 3:59 pm
V	58 . 4:00 pm to 4:59 pm
V	59 . 5:00 pm to 5:59 pm

PERSON RECORD—Con.

V		60 . 6:00 pm to 6:59 pm	
V		61 . 7:00 pm to 7:59 pm	
V		62 . 8:00 pm to 8:59 pm	
V		63 . 9:00 pm to 9:59 pm	
V		64 . 10:00 pm to 10:59 pm	
V		65 . 11:00 pm to 11:59 pm	

D LVTIMEA   1   135   135
T Time Leaving for Work Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D TRVTIME   2   136   137
T Travel Time to Work
V   00 . Not in universe (Under 16 years, ESR
                                       not 1 or 4, or TRVMNS = 8)
V   01 . 1 to 4 minutes
V   02 . 5 to 9 minutes
V   03 . 10 to 14 minutes
V   04 . 15 to 19 minutes
V   05 . 20 to 24 minutes
V   06 . 25 to 29 minutes
V   07 . 30 to 34 minutes
V   08 . 35 to 39 minutes
V   09 . 40 to 44 minutes
V   10 . 45 to 49 minutes
V   11 . 50 to 54 minutes
V   12 . 55 to 59 minutes
V   13 . 60 to 74 minutes
V   14 . 75 to 89 minutes
V   15 . 90 or more minutes

D TRVTIMEA   1   138   138
T Travel Time to Work Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D LAYOFF   1   139   139
T Layoff from Job
V   0 .Not in universe (Under 16 years, ESR = 0, 1 or 4)
V   1 . Yes
V   2 . No
V   3 . Not reported

D ABSENT   1   140   140
T Absent from Work
V   0 . Not in universe (Under 16 years, ESR = 0, 1 or 4)
V   1 . Yes
V   2 . No
V   3 . Not reported

PERSON RECORD—Con.

D RECALL   1   141   141
T Return-to-Work Recall
V   0 . Not in universe (Under 16 years, ESR = 0, 1 or 4)
V   1 . Yes
V   2 . No
V   3 . Not reported

D LOOKWRK   1   142   142
T Looking for Work
V   0 . Not in universe (Under 16 years, ESR = 0, 1 or 4)
V   1 . Yes
V   2 . No
V   3 . Not reported

D BACKWRK   1   143   143
T Back to Work
V   0 . Not in universe (Under 16 years, ESR = 0, 1 or 4)
V   1 . Yes, could have gone to work
V   2 . No, because of temporary illness
V   3 . No, because of other reasons (in school, etc.)
V   4 . Not reported

D LASTWRK   1   144   144
T Year Last Worked
V   0 . Not in universe (Under 16 years)
V   1 . 1995 to 2000
V   2 . 1994 or earlier, never worked

D LASTWRKA   1   145   145
T Year Last Worked Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INDCEN   3   146   148
T Industry (Census)
V   000 . Not in universe (Under 16 years or LASTWRK > 1)
R   001..997 . Legal census 2000 industry code (See Appendix G)

D INDCENA   1   149   149
T Industry (Census) Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INDNAICS   8   150   157
T Industry (NAICS)
V   0000000 . Not in universe (Under 16 years or LASTWRK > 1)
R   1000000..9999999 . Industry NAICS code (See Appendix G)

D OCCCEN   3   158   160
T Occupation (Census)
V   000 . Not in universe (Under 16 years or LASTWRK > 1)
R   001..997 . Legal census occupation code (See Appendix G)

PERSON RECORD—Con.

D OCCCENA   1   161   161
T Occupation (Census) Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D OCCSOC   6   162   167
T Occupation (SOC)
V   000000 . Not in universe (Under 16 years or LASTWRK > 1)
R   100000..999999 . Occupation SOC code (See Appendix G)

D CLWRK   1   168   168
T Class of Worker
V   0 . Not in universe (Under 16 years or LASTWRK = 2)
V   1 . Employee of private for-profit company
V   2 . Employee of private not-for-profit company
V   3 . Employee of local or territorial government
V   4 . Employee of federal government
V   5 . Self-employed in unincorporated business
                                         or company
V   6 . Self-employed in incorporated business
                                         or company
V   7 . Unpaid family worker
V   9 . Unemployed, no work experience in last 5 years

D CLWRKA   1   169   169
T Class of Worker Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D WRKLYR   1   170   170
T Worked in 1999
V   0 . Not in universe (Under 16 years)
V   1 . Yes
V   2 . No

D WRKLYRA   1   171   171
T Worked in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D WEEKS   2   172   173
T Weeks Worked in 1999
V   00 . Not in universe (Under 16 years or
                                         WRKLYR = 0 or 2)
R   01..52 . 1 to 52 weeks

D WEEKSA   1   174   174
T Weeks Worked in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D HOURS   2   175   176
T Hours per Week in 1999
V   00 . Not in universe (Under 16 years or
                                         WRKLYR = 0 or 2)
R   01..99 . 1 to 99 hours worked per week

PERSON RECORD—Con.

D HOURSA   1   177   177
T Hours per Week in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INCWS   6   178   183
T Wage/Salary Income in 1999
V   blank . Not in universe (Under 15 years)
V   000000 . No/none
R   000001..93999 . $1 to $93,999
V   94000 . Topcode
V   170000 . State mean of topcoded values

D INCWSA   1   184   184
T Wage/Salary Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INCSE   6   185   190
T Self-Employment Income in 1999
V   blank . Not in universe (Under 15 years)
V   -09999 . Loss of $9,999 or more
R   -00001..-09998 . Loss of $1 to $9,998
V   000000 . No/none
V   000001 . $1 or break even
R   000002..89999 . $2 to $89,999
V   90000 . Topcode
V   167000 . State mean of topcoded values

D INCSEA   1   191   191
T Self-Employment Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INCINT   6   192   197
T Interest Income in 1999
V   blank . Not in universe (Under 15 years)
V   -09999 . Loss of $9,999 or more
R   -00001..-09998 . Loss of $1 to $9,998
V   000000 . No/none
V   000001 . $1 or break even
R   000002..69999 . $2 to $69,999
V   70000 . Topcode
V   205000 . State mean of topcoded values

D INCINTA   1   198   198
T Interest Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

PERSON RECORD—Con.

D INCSS   5   199   203
T Social Security Income in 1999
V   blank . Not in universe (Under 15 years)
V   00000 . No/none
R   00001..13299 . $1 to $13,299
V   13300 . Topcode
V   18600 . State mean of topcoded values

D INCSSA   1   204   204
T Social Security Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INCSSI   5   205   209
T Supplemental Security Income in 1999
V   blank . Not in universe (Under 15 years)
V   00000 . No/none
R   00001..14799 . $1 to $14,799
V   14800 . Topcode
V   17600 . State mean of topcoded values

D INCSSIA   1   210   210
T Supplemental Security Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INCPA   5   211   215
T Public Assistance Income in 1999
V   blank . Not in universe (Under 15 years)
V   00000 . No/none
R   00001..9599 . $1 to $9,599
V   9600 . Topcode
V   13500 . State mean of topcoded values

D INCPAA   1   216   216
T Public Assistance Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

D INCRET   6   217   222
T Retirement Income in 1999
V   blank . Not in universe (Under 15 years)
V   000000 . No/none
R   000001..46499 . $1 to $46,499
V   46500 . Topcode
V   82000 . State mean of topcoded values

D INCRETA   1   223   223
T Retirement Income in 1999 Allocation Flag
V   0 . Not allocated
V   1 . Allocated

PERSON RECORD—Con.

```
D INCOTH            6                    224                    229
T Other Income in 1999
V                              blank . Not in universe (Under 15 years)
V                             000000 . No/none
R                     000001..30999 . $1 to $30,999
V                             31000 . Topcode
V                             56000 . State mean of topcoded values

D INCOTHA           1                    230                    230
T Other Income in 1999 Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D INCTOT            7                    231                    237
T Person's Total Income in 1999
V                              blank . Not in universe (Under 15 years)
V                           -019998 . Loss of $19,998 or more
R                 -000001..-019997 . Loss of $1 to $19,997
V                           0000000 . No/none
V                           0000001 . $1 or break even
R                 0000002..249999 . $2 to $249,999
V                            250000 . $250,000 or more

D INCTOTA           1                    238                    238
T Person's Total Income in 1999 Allocation Flag
V                                  0 . Not allocated
V                                  1 . Allocated

D EARNS             7                    239                    245
T Person's Total Earnings in 1999
V                              blank . Not in universe (Under 15 years)
V                           -009999 . Loss of $9,999 or more
R                 -000001..-009998 . Loss of $1 to $9,998
V                           0000000 . No/none
V                           0000001 . $1 or break even
R                 0000002..199999 . $2 to $199,999
V                            200000 . $200,000 or more

D POVERTY           3                    246                    248
T Person's Poverty Status
V                                000 . Not in universe (Institutional GQ;
                                       in college dormitories or military quarters;
                                       unrelated children under 15 years)
V                                001 . Less than 1.0%
R                          002..500 . 1.0% to 499.9%
V                                501 . 500% or more
```

Chapter 7.
User Updates

User updates supply data users with additional or corrected information that becomes available after the technical documentation and files are prepared. They are issued as Data Notes, Geography Notes, and Technical Documentation Notes in a numbered series and are available in portable document format (PDF) on our Web site at http://www.census.gov.

If you print the documentation, please file the user updates behind this page. If there are technical documentation replacement pages, they should be filed in their proper location and the original pages destroyed.

Public Use Microdata Sample, U.S. Virgin Islands
Technical Documentation Note 1

The following was inadvertently left off of the Acknowledgments section:

January 2005

Appendix A.
Census 2000 Geographic Terms and Concepts

CONTENTS

Geographic Terms and Concepts   A–1

INTRODUCTION—GEOGRAPHIC PRESENTATION OF DATA

In decennial census data products, geographic entities usually are presented in an hierarchical arrangement or as an inventory listing.

Hierarchical Presentation

An hierarchical geographic presentation shows the geographic entities in a superior/subordinate structure. This structure is derived from the legal, administrative, or areal relationships of the entities. The hierarchical structure is depicted in report tables by means of indentation and is explained for computer-readable media in the geographic coverage portion of the abstract in the technical documentation. An example of hierarchical presentation for the Virgin Islands of the United States is the "standard census geographic hierarchy": census block, within block group, within census tract, within place, within minor civil division, within first-order subdivision, within the Virgin Islands of the United States. Graphically, this is shown as:

```
Virgin Islands (U.S.)
    First-order subdivision
        Minor civil division
            Place (or part)
                Census tract (or part)
                    Block group (or part)
                        Census block
```

Inventory Presentation

An inventory presentation of geographic entities is one in which all entities of the same type are shown in alphabetical, code, or geographic sequence, without reference to their hierarchical relationships. Generally, an inventory presentation shows totals for entities that may be split in a hierarchical presentation, such as place, census tract, or block group. An example of a series of inventory presentations is: state or statistically equivalent entity, followed by all of its first-order subdivisions, followed by all the places. Graphically, this is shown as:

```
The Virgin Islands of the United States

Subdivision A
Subdivision B
Subdivision C

Place X
Place Y
Place Z
```

AREA MEASUREMENT

Area measurement data provide the size, in square units (metric and nonmetric) of geographic entities for which the U.S. Census Bureau tabulates and disseminates data. Area is calculated from the specific boundary recorded for each entity in the Census Bureau's geographic database (see TIGER® database). These area measurements are recorded as whole square meters. (To convert square meters to square kilometers, divide by 1,000,000; to convert square kilometers to square miles, divide by 2.589988; to convert square meters to square miles, divide by 2,589,988.)

The U.S. Census Bureau provides area measurement data for both land area and total water area. The water area figures for the Virgin Islands of the United States include inland, coastal, and territorial water. (For the 1990 census, the Census Bureau provided area measurements for land and total water; water area for the inland, coastal, and territorial water classifications was available in the Geographic Identification Code Scheme product only.) "Inland water" consists of any lake, reservoir, pond, or similar body of water that is recorded in the Census Bureau's geographic database. It also includes any river, creek, canal, stream, or similar feature that is recorded in that database as a two-dimensional feature (rather than as a single line). The portions of the oceans and related large embayments, the Gulf of Mexico, and the Caribbean Sea that belong to the United States and its territories are classified as "coastal" and "territorial" waters. Rivers and bays that empty into these bodies of water are treated as "inland water" from the point beyond which they are narrower than one nautical mile across. Identification of land and inland, coastal, and territorial waters is for data presentation purposes only, and does not necessarily reflect their legal definitions.

Land and water area measurements may disagree with the information displayed on U.S. Census Bureau maps and in the TIGER® database because, for area measurement purposes, features identified as "intermittent water" and "glacier" are reported as land area. For this reason, it may not be possible to derive the land area for an entity by summing the land area of its component census blocks. In addition, the water area measurement reported for some geographic entities includes water that is not included in any lower-level geographic entity. Therefore, because water is contained only in a higher-level geographic entity, summing the water measurements for all the component lower-level geographic entities will not yield the water area of that higher-level entity. This occurs, for example, where water is associated with a first-order subdivision but is not within the legal boundary of any minor civil division. Crews-of-vessels entities (see CENSUS TRACT and CENSUS BLOCK) do not encompass territory and therefore have no area measurements.

The accuracy of any area measurement data is limited by the accuracy inherent in (1) the location and shape of the various boundary information in the TIGER® database, (2) the location and shapes of the shorelines of water bodies in that database, and (3) rounding affecting the last digit in all operations that compute and/or sum the area measurements.

BLOCK GROUP (BG)

A block group (BG) consists of all census blocks having the same first digit of their four-digit identifying numbers within a census tract. For example, block group 3 (BG 3) within a census tract includes all blocks numbered from 3000 to 3999. BGs generally contain between 600 and 3,000 people, with an optimum size of 1,500 people. BGs on special places must contain a minimum of 300 people. (Special places include correctional institutions, military installations, college campuses, workers' dormitories, hospitals, nursing homes, and group homes.)

Most BGs were delineated by local participants as part of the U.S. Census Bureau's Participant Statistical Areas Program. The Census Bureau delineated BGs only where a local, state, or tribal government declined to participate or where the Census Bureau could not identify a potential local or tribal participant.

BGs never cross the boundaries of states (or statistically equivalent entities), and first-order subdivisions. BGs never cross the boundaries of census tracts, but may cross the boundary of any other geographic entity required as a census block boundary (see CENSUS BLOCK).

In decennial census data tabulations, a BG may be split to present data for every unique combination of minor civil division, place, or other tabulation entity shown in the data products. For example, if BG 3 is partly in a place and partly outside the place, there are separate tabulated records for each portion of BG 3. BGs are used in tabulating data nationwide, as was done for the 1990 census, and for all block-numbered areas in the 1980 census. For data presentation purposes, BGs are a substitute for the enumeration districts (EDs) used for reporting data in the Virgin Islands of the United States for censuses before 1990. Also, BGs are the lowest level of the geographic hierarchy for which the U.S. Census Bureau tabulates and presents sample data.

Geographic Terms and Concepts   A–3

BOUNDARY CHANGES

Many of the legal and statistical entities for which the U.S. Census Bureau tabulates decennial census data have had boundary changes between the 1990 census and Census 2000; that is, between January 2, 1990, and January 1, 2000. Boundary changes to legal entities result from:

1. Annexations to or detachments from legally established governmental units.

2. Mergers or consolidations of two or more governmental units.

3. Establishment of new governmental units.

4. Disincorporations or disorganizations of existing governmental units.

5. Changes in treaties or executive orders, and governmental action placing additional lands in trust.

6. Decisions by federal, state, and local courts.

7. Redistricting for congressional districts or county subdivisions that represent single-member districts for election to a county governing board.

Statistical entity boundaries generally are reviewed by local, state, or tribal governments and can have changes to adjust boundaries to visible features, to better define the geographic area each encompasses, or to account for shifts and changes in the population distribution within an area.

The historical counts shown for the first-order subdivisions, minor civil divisions, and incorporated places of the Virgin Islands of the United States are not updated for such changes, and thus reflect the population and housing units in each entity as delineated at the time of each decennial census. Boundary changes are not reported for some entities, such as census designated places and block groups.

Changes to the boundaries for census tracts and, for the first time, for census blocks are available in relationship files, which are only available in computer-readable form. The census tract relationship files feature the relationship of census tracts/block numbering areas at the time of the 1990 census to census tracts for Census 2000, and vice versa, including partial relationships. For the first time, the census tract relationship files show a measure of the magnitude of change using the proportion of the length of roads and sides of roads contained in partial census tracts. This information can be used to proportion the data for the areas where census tracts have changed.

The census block relationship files, which are available only in computer-readable form, present relationships of the 1990 census and Census 2000 blocks on the basis of whole blocks or part blocks ("P"). The following relationships can be derived:

	1990 census block	2000 census block
One to one	601	1017
One to many	101 P	3028
	101 P	2834
Many to one	410	2554 P
	503	2554 P
Many to many	404	1007 P
	501 P	1007 P
	502 P	1008 P

Block relationship files are available to compare the following sets of census blocks:

    1990 tabulation block to 2000 collection block
    2000 collection block to 2000 tabulation block
    1990 tabulation block to 2000 tabulation block

Census tract relationship files and block relationship files are not geographic equivalency files. For a true areal comparison between the census tracts/block numbering areas and blocks used for the 1990 census and the census tracts and blocks used for Census 2000 (as well as other geographic areas), it is necessary to use the 2000 TIGER/Line® files. The 2000 TIGER/Line® files will contain 1990 and 2000 boundaries for first-order subdivisions, minor civil divisions, places, census tracts, census blocks, and by derivation from the census blocks, block groups.

CENSUS BLOCK

Census blocks are areas bounded on all sides by visible features, such as streets, roads, streams, and railroad tracks, and by invisible boundaries, such as city, town, township, and county limits, property lines, and short, imaginary extensions of streets and roads. Generally, census blocks are small in area; for example, a block bounded by city streets. However, census blocks in sparsely settled areas may contain many square miles of territory.

All territory in the United States, Puerto Rico, and the Island Areas has been assigned block numbers, as was the case for the 1990 census. To improve operational efficiency and geographic identifications, the U.S. Census Bureau has introduced different numbering systems for tabulation blocks used in decennial census data products, and for collection blocks, used in administering the census. (In 1990, there generally was a single numbering system.) Collection block numbers are available only in the TIGER/Line® data products; the Census Bureau does not tabulate data for collection blocks.

Many tabulation blocks, used in decennial census data products, represent the same geographic area as the collection blocks used in the Census 2000 enumeration process. Where the collection blocks include territory in two or more geographic entities, each unique piece required for data tabulation is identified as a separate tabulation block with a separate block number. It is possible for two or more collection blocks to be combined into a single tabulation block. This situation can occur when a visible feature established as a collection block boundary is deleted during the field update operation. Tabulation blocks do not cross the boundaries of any entity for which the U.S. Census Bureau tabulates data, including census tracts, first-order subdivisions, minor civil divisions, places, and urban and rural areas. Tabulation blocks also generally do not cross the boundaries of certain landmarks, including military installations, national parks, and national monuments.

Tabulation blocks are identified uniquely within census tract by means of a four-digit number. (The 1990 census block numbers had three digits, with a potential alphabetic suffix.) The Census 2000 collection blocks are numbered uniquely within first-order subdivision and consist of four or five digits. For its Census 2000 data tabulations, the U.S. Census Bureau created a unique set of census block numbers immediately before beginning the tabulation process. These are the census block numbers seen in the data presentations. For the 1990 census, the Census Bureau created a separate block with a suffix of "Z" to identify crews-of-vessels population. For Census 2000, crews-of-vessels population is assigned to the land block identified by the Census Bureau as associated with the homeport of the vessel.

The U.S. Census Bureau introduced a different method for identifying the water areas of census blocks. For the 1990 census, water was not uniquely identified within a census block; instead, all water area internal to a block group was given a single block number ending in "99" (for example, in block group 1, all water was identified as block 199). A suffix was added to each water block number where the block existed in more than one tabulation entity within its block group. For Census 2000, water area located completely within the boundary of a single land tabulation block has the same block number as that land block. Water area that touches more than one land block is assigned a unique block number not associated with any adjacent land block. The water block numbers begin with the block group number followed by "999" and proceed in descending order

Geographic Terms and Concepts

(for example, in block group 3, the numbers assigned to water areas that border multiple land blocks are 3999, 3998, etc.). In some block groups, the numbering of land blocks might use enough of the available numbers to reach beyond the 900 range within the block group. For this reason, and because some land blocks include water (ponds and small lakes), no conclusions about whether a block is all land or all water can be made by looking at the block number. The land/water flag, set at the polygon level in the TIGER® database and shown in TIGER/Line® and statistical data tabulation files, is the only way to know if a block is all water when viewing the computer files. On maps, water areas are shown with a screen symbol.

CENSUS REGION AND CENSUS DIVISION

For statistical purposes, the United States is divided into four census regions, which are further subdivided into nine census divisions. The Virgin Islands of the United States is not assigned to any region or division.

CENSUS TRACT

Census tracts are small, relatively permanent statistical subdivisions of a county or statistically equivalent entity delineated by local participants as part of the U.S. Census Bureau's Participant Statistical Areas Program. The Census Bureau delineated census tracts where no local participant existed or where a local or tribal government declined to participate. The primary purpose of census tracts is to provide a stable set of geographic units for the presentation of decennial census data. This is the first decennial census for which the entire United States and its territories are covered by census tracts. For the 1990 census, some areas had census tracts and others, such as the Virgin Islands of the United States had block numbering areas (BNAs). For Census 2000, all BNAs were replaced by census tracts, which may or may not represent the same areas.

Census tracts in the United States, Puerto Rico, and the Virgin Islands of the United States generally have between 1,500 and 8,000 people, with an optimum size of 4,000 people. First-order subdivisions with fewer than 1,500 people have a single census tract. Census tracts that comprise special places must contain a minimum of 1,000 people. (Special places include correctional institutions, military installations, college campuses, workers' dormitories, hospitals, nursing homes, and group homes.) When first delineated, census tracts are designed to be relatively homogeneous with respect to population characteristics, economic status, and living conditions. The spatial size of census tracts varies widely depending on the density of settlement. Census tract boundaries are delineated with the intention of being maintained over many decades so that statistical comparisons can be made from decennial census to decennial census. However, physical changes in street patterns caused by highway construction, new developments, and so forth, may require occasional boundary revisions. In addition, census tracts occasionally are split due to population growth or combined as a result of substantial population decline.

Census tracts are identified by a four-digit basic number and may have a two-digit numeric suffix; for example, 6059.02. The decimal point separating the four-digit basic tract number from the two-digit suffix is shown in the printed reports and on census maps. In computer-readable files, the decimal point is implied. Many census tracts do not have a suffix; in such cases, the suffix field is either left blank or is zero-filled. Leading zeros in a census tract number (for example, 002502) are shown only in computer-readable files. Census tract suffixes may range from .01 to .98. For the 1990 census, the .99 suffix was reserved for census tracts/block numbering areas that contained only crews-of-vessels population; for Census 2000, the crews-of-vessels population is included with the related census tract.

Census tract numbers range from 1 to 9999 and are unique within a first-order subdivision. The number 0000 in computer-readable files identifies a census tract delineated to provide complete coverage of water area in territorial seas.

CONGRESSIONAL DISTRICT (CD)

The Virgin Islands of the United States is represented in the U.S. House of Representatives by a delegate, who may not vote on the floor of the House of Representatives, but may vote on legislation as it is considered by committees to which the delegate has been named. In computer-readable data products that display a congressional district field, the two-digit Federal Information Processing Standards (FIPS) code "98" is used to identify such a representational area.

FIRST-ORDER SUBDIVISION

"First-order subdivisions" are the highest-level legal subdivisions of a state (in the United States) or a statistically equivalent entity. In the United States, this entity usually is called a "county." The entities that serve as first-order subdivisions for census purposes in the Virgin Islands of the United States are the principal islands of St. Croix, St. John, and St. Thomas.

Each first-order subdivision is assigned a three-digit Federal Information Processing Standards (FIPS) code that is unique within state and state-equivalent entity. These codes are assigned in alphabetical order of first-order subdivision within state or statistically equivalent entity.

GEOGRAPHIC CODE

Geographic codes are shown primarily in computer-readable data products, such as computer tape and CD-ROM/DVD media, including data tabulations and data tables associated with computer-readable boundary files, but they also are shown on some U.S. Census Bureau maps. Census codes are used only if there is no Federal Information Processing Standards (FIPS) code for the same geographic entity or if the FIPS code is not adequate for data presentation. A code that is not identified as either "census" or "FIPS" is usually a census code for which there is no FIPS equivalent. Entities that use only FIPS codes in Census Bureau products are congressional district, first-order subdivision, minor civil division, places, and state or statistically equivalent entity.

Census Code

Census codes are assigned for a variety of geographic entities, including urbanized area and urban cluster. The structure, format, and meaning of census codes used in U.S. Census Bureau data products appear in the appropriate technical documentation.

Federal Information Processing Standards (FIPS) Code Federal Information

Processing Standards (FIPS) codes are assigned for a variety of geographic entities, including congressional district, first-order subdivision, minor civil division, place, and state or statistically equivalent entity. The structure, format, and meaning of FIPS codes used in U.S. Census Bureau data products appear in the appropriate technical documentation.

The objective of FIPS codes is to improve the ability to use the data resources of the federal government and avoid unnecessary duplication and incompatibilities in the collection, processing, and dissemination of data. The FIPS codes and FIPS code documentation are available online at http://www.itl.nist.gov/fipspubs/index.htm. Further information about the FIPS 5-2, 6-4, and 9-1 publications (states, counties, and congressional districts, respectively) is available from the Geographic Areas Branch, Geography Division, U.S. Census Bureau, Washington, DC 20233-7400, telephone 301-457-1099. Further information about the FIPS 55-DC3 publication (places, consolidated cities, county subdivisions, and noncensus locational entities) is available from the Geographic Names Office, National Mapping Division, U.S. Geological Survey, 523 National Center, Reston, VA 20192, telephone 703-648-4544.

United States Postal Service (USPS) Code

United States Postal Service (USPS) codes for states and statistically equivalent entities are used in all decennial census data products. The codes are two-character alphabetic abbreviations. These codes are the same as the Federal Information Processing Standards (FIPS) two-character alphabetic abbreviations.

INTERNAL POINT

An internal point is a set of geographic coordinates (latitude and longitude) that is located within a specified geographic entity. A single point is identified for each entity; for many entities, this point represents the approximate geographic center of that entity. If the shape of the entity causes this point to be located outside the boundary of the entity or in a water body, it is relocated to land area within the entity. In computer-readable products, internal points are shown to six decimal places; the decimal point is implied.

Geographic Terms and Concepts

The first character of the latitude or longitude is a plus (+) or a minus (-) sign. A plus sign in the latitude identifies the point as being in the Northern Hemisphere, while a minus sign identifies a location in the Southern Hemisphere. For longitude, a plus sign identifies the point as being in the Eastern Hemisphere, while a minus sign identifies a location in the Western Hemisphere.

ISLAND AREAS OF THE UNITED STATES

The Island Areas of the United States are American Samoa, Guam, the Commonwealth of the Northern Mariana Islands (Northern Mariana Islands), and the Virgin Islands of the United States. The U.S. Census Bureau treats the Island Areas as entities that are statistically equivalent to states for data presentation purposes. Geographic definitions specific to the Island Areas are shown in the appropriate publications and documentation that accompany the data products for the Island Areas.

American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands sometimes are referred to as the "Pacific Island Areas." Sometimes the Island Areas are referred to as "Island Territories" or "Insular Areas." For the 1990 and previous censuses, the U.S. Census Bureau referred to the entities as "Outlying Areas." The term "U.S. Minor Outlying Islands" refers to certain small islands under U.S. jurisdiction in the Caribbean and Pacific: Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island.

MINOR CIVIL DIVISION

Minor civil divisions (MCDs) are the primary governmental or administrative divisions of a first-order subdivision. In the Virgin Islands of the United States, the U.S. Census Bureau recognizes the census subdistricts as MCDs. These entities are geographic subdivisions of the first-order subdivisions and are not governmental units.

Each MCD is assigned a five-digit Federal Information Processing Standards (FIPS) code in alphabetical order within state or statistically equivalent entity.

PLACE

Places, for the reporting of decennial census data for the Virgin Islands of the United States, include census designated places and incorporated places. Each place is assigned a five-digit Federal Information Processing Standards (FIPS) code, based on the alphabetical order of the place name within each state or statistically equivalent entity.

Census Designated Place (CDP)

Census designated places (CDPs) are delineated for each decennial census to provide census data for concentrations of population, housing, and commercial structures that are identifiable by name but are not within an incorporated place. CDP boundaries usually are defined in cooperation with state, local, and tribal officials. These boundaries, which usually coincide with visible features or the boundary of an adjacent incorporated place or other legal entity boundary, have no legal status, nor do these places have officials elected to serve traditional municipal functions. CDP boundaries may change from one decennial census to the next with changes in the settlement pattern; a CDP with the same name as in an earlier census does not necessarily have the same boundary. There are six CDPs in the Virgin Islands of the United States for Census 2000.

For Census 2000, for the first time, CDPs did not need to meet a minimum population threshold to qualify for tabulation of census data. For the 1990 census and earlier censuses, the U.S. Census Bureau required CDPs to qualify on the basis of various minimum population size criteria.

Beginning with the 1950 census, the U.S. Census Bureau, in cooperation with state and local governments, identified and delineated boundaries and names for CDPs. In the data products issued in conjunction with Census 2000, the name of each such place is followed by "CDP," as was the case for the 1990 and 1980 censuses. In the data products issued in conjunction with the 1950, 1960, and 1970 censuses, these places were identified by "(U)," meaning "unincorporated place."

Geographic Terms and Concepts

Incorporated Place

Incorporated places recognized in decennial census data products are legally defined entities that represent concentrations of population. The Census Bureau treats the three towns in the Virgin Islands of the United States (Charlotte Amalie, Christiansted, and Frederiksted) as incorporated places.

POPULATION OR HOUSING UNIT DENSITY

Population and housing unit density are computed by dividing the total population or number of housing units within a geographic entity (for example, first-order subdivision, minor civil division, place) by the land area of that entity measured in square kilometers or square miles. Density is expressed as both "people (or housing units) per square kilometer" and "people (or housing units) per square mile" of land area.

PUBLIC USE MICRODATA AREA (PUMA)

A public use microdata area (PUMA) is a decennial census area for which the U.S. Census Bureau provides specially selected extracts of raw data from a small sample of long-form census records that are screened to protect confidentiality. These extracts are referred to as "public use microdata sample (PUMS)" files. Since 1960, data users have been using these files to create their own statistical tabulations and data summaries.

For Census 2000, state, District of Columbia, and Puerto Rico participants, following U.S. Census Bureau criteria, delineated two types of PUMAs within their states. PUMAs of one type comprise areas that contain at least 100,000 people. The PUMS files for these PUMAs contain a 5-percent sample of the long-form records. The other type of PUMAs, super-PUMAs, comprise areas of at least 400,000 people. The sample size is 1 percent for the PUMS files for super-PUMAs. The larger 1-percent PUMAs are aggregations of the smaller 5-percent PUMAs.

For the Virgin Islands of the United States, the U.S. Census Bureau established a single PUMA consisting of a 10-percent sample file.

STATE (OR STATISTICALLY EQUIVALENT ENTITY)

States are the primary governmental divisions of the United States. The District of Columbia is treated as a statistical equivalent of a state for data presentation purposes. For Census 2000, the U.S. Census Bureau also treats a number of entities that are not legal divisions of the United States as statistically equivalent to a state: American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, Puerto Rico, and the Virgin Islands of the United States.

Each state and statistically equivalent entity is assigned a two-digit numeric Federal Information Processing Standards (FIPS) code in alphabetical order by state name, followed in alphabetical order by Puerto Rico and the Island Areas. Each state and statistically equivalent entity also is assigned a two-letter FIPS/U.S. Postal Service code and a two-digit census code.

TIGER® DATABASE

TIGER® is an acronym for the Topologically Integrated Geographic Encoding and Referencing system or database. It is a digital (computer-readable) geographic database that automates the mapping and related geographic activities required to support the U.S. Census Bureau's census and survey programs. The Census Bureau developed the TIGER® System to automate the geographic support processes needed to meet the major geographic needs of the 1990 census: producing the cartographic products to support data collection and map presentations, providing the geographic structure for tabulation and dissemination of the collected statistical data, assigning residential and employer addresses to the correct geographic location and relating those locations to the geographic entities used for data tabulation, and so forth. The content of the TIGER® database is undergoing continuous updates, and is made available to the public

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through a variety of TIGER/Line® files that may be obtained free of charge from the Internet or packaged on CD-ROM or DVD from Customer Services, U.S. Census Bureau, Washington, DC 20233-1900; telephone 301-457-4100; Internet http://www.census.gov/geo/www/tiger.

UNITED STATES

The United States consists of the 50 states and the District of Columbia.

URBAN AND RURAL

The U.S. Census Bureau classifies as urban all territory, population, and housing units located within urbanized areas (UAs) and urban clusters (UCs). It delineates UA and UC boundaries to encompass densely settled territory, which generally consists of:

- A cluster of one or more block groups or census blocks each of which has a population density of at least 1,000 people per square mile at the time.

- Surrounding block groups and census blocks each of which has a population density of at least 500 people per square mile at the time.

- Less densely settled blocks that form enclaves or indentations, or are used to connect discontiguous areas with qualifying densities.

Rural consists of all territory, population, and housing units located outside of UAs and UCs.

Geographic entities such as first-order subdivisions, minor civil divisions, and places often contain both urban and rural territory, population, and housing units.

The urban and rural classification applies to the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, and the Virgin Islands of the United States.

Urbanized Area (UA)

An urbanized area (UA) consists of densely settled territory that contains 50,000 or more people, except in Guam (see below). The U.S. Census Bureau delineates UAs to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. There are no UAs in the Virgin Islands of the United States.

Urban Cluster (UC)

An urban cluster (UC) consists of densely settled territory that has at least 2,500 people but fewer than 50,000 people, except in Guam. By agreement with the Government of Guam, the U.S. Census Bureau recognizes Hagåtña as a UC rather than an urbanized area.

The U.S. Census Bureau introduced the UC for Census 2000 to provide a more consistent and accurate measure of the population concentration in and around places. UCs are defined using the same criteria that are used to define UAs. UCs replace the provision in the 1990 and previous censuses that defined as urban only those places with 2,500 or more people located outside of urbanized areas.

Urban Area Title

The title of each urbanized area (UA) and urban cluster (UC) may contain up to three incorporated place names, and will include the two-letter U.S. Postal Service abbreviation for each state into which the UA extends. However, if the UA or UC does not contain an incorporated place, the urban area title will include the single name of a census designated place, minor civil division, or populated place recognized by the U.S. Geological Survey's Geographic Names Information System.

Each UA and UC is assigned a five-digit numeric code, based on a national alphabetical sequence of all urban area names. A separate flag is included in data tabulation files to differentiate between UAs and UCs. In printed reports, the differentiation between UAs and UCs is included in the name.

Geographic Terms and Concepts

Urban Area Central Place

A central place functions as the dominant center of an urban area. The U.S. Census Bureau identifies one or more central places for each urbanized area (UA) or urban cluster (UC) that contains a place. Any incorporated place or census designated place (CDP) that is in the title of the urban area is a central place of that UA or UC. In addition, any other incorporated places and CDPs that have an urban population of 50,000, or an urban population of at least 2,500 people and at least 2/3 the population of the largest place within the urban area, also are central places.

Extended Place

As a result of the urbanized area (UA) and urban cluster (UC) delineations, an incorporated place or census designated place may be partially within and partially outside of a UA or UC. Any place that is split by a UA or UC is referred to as an extended place.

Documentation of the UA, UC, and extended place criteria is available from the Geographic Areas Branch, Geography Division, U.S. Census Bureau, Washington, DC 20233-7400; telephone 301-457-1099.

Appendix B.
Definitions of Subject Characteristics

CONTENTS

POPULATION CHARACTERISTICS

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POPULATION CHARACTERISTICS

Contact list: To obtain additional information on these and other Census 2000 subjects, see the list of *Census 2000 Contacts* on the Internet at http://www.census.gov/contacts/www/c-census2000.html.

AGE

The data on age were derived from answers to questionnaire Item 4. The age classification is based on the age of the person in complete years as of April 1, 2000. The age of the person usually was derived from their date of birth information. Their reported age was used only when date of birth information was unavailable.

Data on age are used to determine the applicability of some of the questions for a person and to classify other characteristics in census tabulations. Age data are needed to interpret most social and economic characteristics used to plan and examine many programs and policies. Therefore, age is tabulated by single years of age and by many different groupings, such as 5-year age groups.

Median age. Median age divides the age distribution into two equal parts: one-half of the cases falling below the median age and one-half above the median. Median age is computed on the basis of a single year of age standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median age is rounded to the nearest tenth. (For more information on medians, see "Derived Measures.")

Limitation of the data. The most general limitation for many decades has been the tendency of people to overreport ages or years of birth that end in zero or 5. This phenomenon is called "age heaping." In addition, the counts in the 1970 and 1980 censuses for people 100 years old and over were substantially overstated. So also were the counts of people 69 years old in 1970 and 79 years old in 1980. Improvements have been made since then in the questionnaire design and in the imputation procedures that have minimized these problems.

Review of detailed 1990 census information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. One reason this happened was that respondents were not specifically instructed to provide their age as of April 1, 1990. Another reason was that data collection efforts continued well past the census date. In addition, there may have been a tendency for respondents to round their age up if they were close to having a birthday. It is likely that approximately 10 percent of people in most age groups were actually 1 year younger. For most single years of age, the misstatements were largely

offsetting. The problem is most pronounced at age zero because people lost to age 1 probably were not fully offset by the inclusion of babies born after April 1, 1990. Also, there may have been more rounding up to age 1 to avoid reporting age as zero years. (Age in complete months was not collected for infants under age 1.)

The reporting of age 1 year older than true age on April 1, 1990, is likely to have been greater in areas where the census data were collected later in calendar year 1990. The magnitude of this problem was much less in the 1960, 1970, and 1980 censuses where age was typically derived from respondent data on year of birth and quarter of birth.

These shortcomings were minimized in Census 2000 because age was usually calculated from exact date of birth and because respondents were specifically asked to provide their age as of April 1, 2000. (For more information on the design of the age question, see the section below that discusses "Comparability.")

Comparability. Age data have been collected in every census. For the first time since 1950, the 1990 data were not available by quarter year of age. This change was made so that coded information could be obtained for both age and year of birth. In 2000, each individual has both an age and an exact date of birth. In each census since 1940, the age of a person was assigned when it was not reported. In censuses before 1940, people of unknown age were shown as a separate category. Since 1960, assignment of unknown age has been performed by a general procedure described as "imputation." The specific procedures for imputing age have been different in each census. (For more information on imputation, see "Accuracy of the Data.")

CITIZENSHIP STATUS

The data on citizenship status were derived from answers to questionnaire Item 12. On the U.S. Virgin Islands questionnaire, respondents were asked to select one of six categories: (1) born in the U.S. Virgin Islands, (2) born in the United States, Puerto Rico, Guam, or Northern Mariana Islands, (3) born abroad of U.S. parent or parents, (4) a U.S. citizen by naturalization, (5) not a U.S. citizen (permanent resident), and (6) not a U.S. citizen (temporary resident).

Citizen. This category includes respondents who indicated that they were born in the United States, Puerto Rico, a U.S. Island Area (such as the U.S. Virgin Islands), or abroad of a U.S. parent or parents. People who indicated that they were U.S. citizens by naturalization are also U.S. citizens.

Not a citizen. This category includes respondents who indicated that they were not U.S. citizens, but who indicated that they were either temporary or permanent residents of the U.S. Virgin Islands.

Native. The native population includes people born in the United States, Puerto Rico, or the U.S. Island Areas (such as the U.S. Virgin Islands). People who were born in a foreign country but have at least one U.S. parent also are included in this category. The native population includes anyone who was a U.S. citizen at birth.

Foreign born. The foreign-born population includes all people who were not U.S. citizens at birth. Foreign-born people are those who indicated they were either a U.S. citizen by naturalization or they were not a citizen of the United States, such as respondents who indicated that they were either temporary or permanent residents of the U.S. Virgin Islands.

Census 2000 does not ask about immigration status. The population surveyed includes all people who indicated that the U.S. Virgin Islands was their usual place of residence on the census date. The foreign-born population includes: immigrants (legal permanent residents), temporary migrants (e.g., students), humanitarian migrants (e.g., refugees), and unauthorized migrants (people illegally residing in the U.S. Virgin Islands).

The foreign-born population is shown by selected area, country, or region of birth. The places of birth shown in data products were chosen based on the number of respondents who reported that area or country of birth. (See "Place of Birth.")

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Comparability. The citizenship status questions differ between the 1990 and 2000 censuses of the U.S. Virgin Islands. In 1990, the question wording includes examples of "citizen" such as having at least one American parent or being a citizen by naturalization. In 2000, the question is stated as "Is this person a citizen of the United States?"—no examples are provided. Also, the 2000 census distinguishes between noncitizen "temporary" and "permanent" residents; whereas, the 1990 census includes only one noncitizen response option without any reference to duration of stay in the United States.

DISABILITY STATUS

The data on disability status were derived from answers to questionnaire Items 16 and 17. Item 16 was a two-part question that asked about the existence of the following long-lasting conditions: (a) blindness, deafness, or a severe vision or hearing impairment (sensory disability) and (b) a condition that substantially limits one or more basic physical activities, such as walking, climbing stairs, reaching, lifting, or carrying (physical disability). Item 16 was asked of the population 5 years old and over.

Item 17 was a four-part question that asked if the individual had a physical, mental, or emotional condition lasting 6 months or more that made it difficult to perform certain activities. The four activity categories were: (a) learning, remembering, or concentrating (mental disability); (b) dressing, bathing, or getting around inside the home (self-care disability); (c) going outside the home alone to shop or visit a doctor's office (going outside the home disability); and (d) working at a job or business (employment disability). Categories 17a and 17b were asked of the population 5 years old and over; 17c and 17d were asked of the population 16 years old and over.

For data products that use the items individually, the following terms are used: sensory disability for 16a, physical disability for 16b, mental disability for 17a, self-care disability for 17b, going outside the home disability for 17c, and employment disability for 17d.

For data products that use a disability status indicator, individuals were classified as having a disability if any of the following three conditions were true: (1) they were 5 years old and over and had a response of "yes" to a sensory, physical, mental or self-care disability; (2) they were 16 years old and over and had a response of "yes" to going outside the home disability; or (3) they were 16 to 64 years old and had a response of "yes" to employment disability.

Comparability. The 1990 census data products did not include a general disability status indicator. Furthermore, a comparable indicator could not be constructed since the conceptual framework of the 1990 census was more limited. The questionnaire included only three types of disability in questions with four subparts. The questions asked about whether an individual had a condition that had lasted for 6 months or more and that (1) limited the kind or amount of work that he or she could do at a job, (2) prevented the individual from working at a job, (3) made it difficult to go outside the home alone (for example, to shop or visit a doctor's office), and (4) made it difficult to take care of his or her own personal needs, such as bathing, dressing, or getting around inside the home. The 1990 disability questions were asked of the population 15 years old and over.

EDUCATIONAL ATTAINMENT

Data on educational attainment were derived from answers to questionnaire Item 9a. Data on attainment are tabulated for the population 25 years old and over. However, when educational attainment is cross-tabulated by other variables, the universe may change. (For example, when educational attainment is crossed by disability status, the data are tabulated for the civilian noninstitutionalized population 18 to 34 years old.) People are classified according to the highest degree or level of school completed.

The order in which degrees were listed on the questionnaire suggested that doctorate degrees were "higher" than professional school degrees, which were "higher" than master's degrees. The question included instructions for people currently enrolled in school to report the level of the previous grade attended or the highest degree received. Respondents who did not report

educational attainment or enrollment level were assigned the attainment of a person of the same age, race, Hispanic or Latino origin, and sex, where possible, who resided in the same or a nearby area. Respondents who filled more than one box were edited to the highest level or degree reported.

The question included a response category that allowed respondents to report completing the 12th grade without receiving a high school diploma. It allowed people who received either a high school diploma or the equivalent, for example, passed the Test of General Educational Development (G.E.D.) and did not attend college, to be reported as "high school graduate(s)." The category "Associate degree" included people whose highest degree is an associate degree, which generally requires 2 years of college level work and is either in an occupational program that prepares them for a specific occupation, or an academic program primarily in the arts and sciences. The course work may or may not be transferable to a bachelor's degree. Master's degrees include the traditional MA and MS degrees and field-specific degrees, such as MSW, MEd, MBA, MLS, and MEng. Some examples of professional degrees include medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology. Vocational and technical training, such as barber school training; business, trade, technical, and vocational schools; or other training for a specific trade, are specifically excluded.

High school graduate or higher. This category includes people whose highest degree was a high school diploma or its equivalent, people who attended college but did not receive a degree, and people who received a college, university, or professional degree. People who reported completing the 12th grade but not receiving a diploma are not high school graduates.

Not enrolled, not high school graduate. This category includes people of compulsory school attendance age or above who were not enrolled in school and were not high school graduates. These people may be referred to as "high school dropouts." However, there is no criterion regarding when they "dropped out" of school, so they may have never attended high school.

Comparability. Educational attainment questions on years of school completed were included in the census from 1950 to 1980. In 1950, a single question on highest grade of school completed was asked. In the 1960 to 1980 censuses, a two-part question was used to construct highest grade or year of school completed. The question asked (1) the highest grade of school attended and (2) whether that grade was finished. For people who have not attended college, the response categories in the current educational attainment question should produce data that are comparable to data on highest grade completed from earlier censuses. For people who attended college, there is less comparability between years of school completed and highest degree.

Beginning in 1990, the response categories for people who have attended college were modified from earlier censuses because there was some ambiguity in interpreting responses in terms of the number of years of college completed. For instance, it was not clear whether "completed the fourth year of college," "completed the senior year of college," and "college graduate" were synonymous. Research conducted shortly before the 1990 census suggests that these terms were more distinct than in earlier decades, and this change may have threatened the ability to estimate the number of "college graduates" from the number of people reported as having completed the fourth or a higher year of college. It was even more difficult to make inferences about post-baccalaureate degrees and "Associate" degrees from highest year of college completed. Thus, comparisons of post-secondary educational attainment in the 2000 and 1990 censuses with data from the earlier censuses should be made with great caution.

Changes between 1990 and Census 2000 were slight. The two associate degree categories in 1990 were combined into one for Census 2000. "Some college, no degree" was split into two categories, "Some college credit, but less than 1 year," and "1 or more years of college, no degree." Prior to 1990, the college levels reported began with "Completed 1 year of college." Beginning in 1990, the first category was "Some college, no degree," which allowed people with less than 1 year of college to be given credit for college. Prior to 1990, they were included in "High school, 4 years." The two revised categories will accommodate comparisons with either data series and allow the tabulation of students who completed at least 1 year of college, as some data users wish. This will not change the total number who completed some college.

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The category "12th grade, no diploma" was counted as high school completion or "Completed high school, 4 years" prior to 1990 and as "Less than high school graduate" in 1990 and 2000. In the 1960 and subsequent censuses, people for whom educational attainment was not reported were assigned the same attainment level as a similar person whose residence was in the same or a nearby area. In the 1940 and 1950 censuses, people for whom educational attainment was not reported were not allocated.

In censuses prior to 1990, "median school years completed" was used as a summary measure of educational attainment. Using the current educational attainment question, the median can only be calculated for groups of which less than half the members have attended college. "Percent high school graduate or higher" and "percent bachelor's degree or higher" are summary measures that can be calculated from the present data and offer quite readily interpretable measures of differences between population subgroups.

EMPLOYMENT STATUS

The data on employment status (referred to as labor force status in previous censuses), were derived from answers to questionnaire Items 22 and 26, which were asked of the population 15 years old and over. The series of questions on employment status was designed to identify, in this sequence: (1) people who worked at any time during the reference week; (2) people who did not work during the reference week, but who had jobs or businesses from which they were temporarily absent (excluding people on layoff); (3) people on temporary layoff who expected to be recalled to work within the next 6 months or who had been given a date to return to work, and who were available for work during the reference week; and (4) people who did not work during the reference week, who had looked for work during the reference week or the three previous weeks, and who were available for work during the reference week. (For more information, see "Reference Week.")

The employment status data shown in Census 2000 tabulations relate to people 16 years old and over. In the 1940, 1950, and 1960 censuses, employment status data were presented for people 14 years old and over. The change in the universe was made in 1970 to agree with the official measurement of the labor force as revised in January 1967 by the U.S. Department of Labor. The 1970 census was the last to show employment data for people 14 and 15 years old.

Employed. All civilians 16 years old and over who were either (1) "at work" — those who did any work at all during the reference week as paid employees, worked in their own business or profession, worked on their own farm, or worked 15 hours or more as unpaid workers on a family farm or in a family business; or (2) were "with a job but not at work" — those who did not work during the reference week, but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are people whose only activity consisted of work around their own house (painting, repairing, or own home housework) or unpaid volunteer work for religious, charitable, and similar organizations. Also excluded are all institutionalized people and people on active duty in the United States Armed Forces.

Civilian employed. This term is defined exactly the same as the term "employed" above.

Unemployed. All civilians 16 years old and over were classified as unemployed if they were neither "at work" nor "with a job but not at work" during the reference week, were looking for work during the last 4 weeks, and were available to start a job. Also included as unemployed were civilians 16 years old and over who: did not work at all during the reference week, were on temporary layoff from a job, had been informed that they would be recalled to work within the next 6 months or had been given a date to return to work, and were available to return to work during the reference week, except for temporary illness. Examples of job seeking activities were:

- Registering at a public or private employment office

- Meeting with prospective employers

- Investigating possibilities for starting a professional practice or opening a business

- Placing or answering advertisements

- Writing letters of application

- Being on a union or professional register

Civilian labor force. Consists of people classified as employed or unemployed in accordance with the criteria described above.

Labor force. All people classified in the civilian labor force (i.e., "employed" and "unemployed" people), plus members of the U.S. Armed Forces (people on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard).

Not in labor force. All people 16 years old and over who are not classified as members of the labor force. This category consists mainly of students, individuals taking care of home or family, retired workers, seasonal workers enumerated in an off-season who were not looking for work, institutionalized people (all institutionalized people are placed in this category regardless of any work activities they may have done in the reference week), and people doing only incidental unpaid family work (fewer than 15 hours during the reference week).

Worker. The terms "worker" and "work" appear in connection with several subjects: employment status, journey-to-work, class of worker, and work status in 1999. Their meaning varies and, therefore, should be determined by referring to the definition of the subject in which they appear. When used in the concepts "Workers in Family," "Workers in Family in 1999," and "Full-Time, Year-Round Workers," the term "worker" relates to the meaning of work defined for the "Work Status in 1999" subject.

Full-time, year-round workers. See "Work status in 1999."

Limitation of the data. The census may understate the number of employed people because people who have irregular, casual, or unstructured jobs sometimes report themselves as not working. The number of employed people "at work" is probably overstated in the census (and conversely, the number of employed "with a job, but not at work" is understated) since some people who were on vacation or sick leave erroneously reported themselves as working. This problem has no effect on the total number of employed people. The reference week for the employment data is not the same calendar week for all people. Since people can change their employment status from 1 week to another, the lack of a uniform reference week may mean that the employment data do not reflect the reality of the employment situation of any given week. (For more information, see "Reference Week.")

Comparability. The questionnaire items and employment status concepts for Census 2000 are essentially the same as those used in the 1970 to 1990 censuses. However, these concepts differ in many respects from those associated with the 1950 and 1960 censuses. Since employment data from the census are obtained from respondents in households, they differ from statistics based on reports from individual business establishments, farm enterprises, and certain government programs. People employed at more than one job are counted only once in the census and are classified according to the job at which they worked the greatest number of hours during the reference week. In statistics based on reports from business and farm establishments, people who work for more than one establishment may be counted more than once. Moreover, some establishment-based tabulations may exclude private household workers, unpaid family workers, and self-employed people, but may include workers less than 16 years old. Census tabulations count people who had a job but were not at work among the employed, but these people may be excluded from employment figures based on establishment payroll reports. Furthermore, census employment tabulations include people on the basis of place of residence regardless of where they work; whereas, establishment data report people at their place of work regardless of where they live. This latter consideration is particularly significant when comparing data for workers who commute between areas.

Definitions of Subject Characteristics

For several reasons, the unemployment figures of the Census Bureau are not comparable with published figures on unemployment compensation claims. For example, figures on unemployment compensation claims exclude people who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and people losing jobs not covered by unemployment insurance systems (including some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used by the Census Bureau. People working only a few hours during the week and people with a job, but not at work are sometimes eligible for unemployment compensation but are classified as "employed" in the census. Differences in the geographical distribution of unemployment data arise because the place where claims are filed may not necessarily be the same as the place of residence of the unemployed worker.

The figures on employment status from the decennial census are generally comparable with similar data collected in the Current Population Survey, which is the official source of the monthly national unemployment rate. However, some differences may exist because of variations between the two data sources in enumeration and processing techniques.

FERTILITY

Children ever born. The data on fertility (also referred to as "children ever born") were derived from answers to questionnaire item 19, which asked women 15 years old and over—regardless of their marital status—how many babies they have ever had. Stillbirths, stepchildren, and adopted children were excluded from the number of children ever born.

Data are most frequently presented in terms of the aggregate number of children ever born to women in specified population groups and in terms of the rate per 1,000 women. For the purposes of calculating the aggregate number of children ever born, the open-ended response category "15 or more" is assigned a value of 15.

Comparability. The wording of the question on children ever born was the same in 2000 as in 1990. In 1990, however, the terminal category was "12 or more" children ever born, and for purposes of calculating the aggregate number of children ever born, the open-ended response category was assigned a value of 13.

GRADE IN WHICH ENROLLED

The data on grade or level in which enrolled were derived from questionnaire Item 8b. People who were enrolled in school were classified as enrolled in "Nursery school, preschool," "Kindergarten," "Grade 1 to Grade 4" or "Grade 5 to Grade 8," "Grade 9 to Grade 12," "College undergraduate years (freshman to senior)" or "Graduate and professional school (for example: medical, dental, or law school)."

Comparability. Grade of enrollment was first available in the 1950 census, when grade was derived from highest grade of school completed. From 1960 to 1980, grade of enrollment was obtained from the highest grade attended in the two-part question used to measure educational attainment. (For more information, see the discussion under "Educational Attainment.") The form of the question from which level of enrollment was derived in the 1990 census most closely corresponds to the question used in 1950. While data from prior censuses can be aggregated to provide levels of enrollment comparable to the 1990 census and Census 2000, the data from these sources cannot be disaggregated to show single grade of enrollment as in previous censuses.

In the 1990 census, people who were enrolled in school were classified as enrolled in "preprimary school," "elementary or high school," or "college," according to their response to the questionnaire item on highest level of school completed or highest degree received. Those who were enrolled and reported completing nursery school or less were classified as enrolled in "preprimary school," which includes kindergarten. Similarly, those enrolled who had completed at least kindergarten, but not high school, were classified as enrolled in elementary or high school.

Definitions of Subject Characteristics

The enrolled who also reported completing high school or some college or having received a post-secondary degree were classified as enrolled in "college." Those who reported completing the twelfth grade but receiving "NO DIPLOMA" were classified as enrolled in high school.

The Census 2000 question is the first to be asked only of the enrolled and does not serve to measure both year of enrollment and educational attainment. While the attainment item in 1990 served the needs for educational attainment data better than the question used in earlier censuses, it did not serve reporting of enrollment level well.

GRANDPARENTS AS CAREGIVERS

The data on grandparents as caregivers were derived from answers to questionnaire Item 20, which was asked of the population 15 years old and over. Data were collected on whether a grandchild lives in the household, whether the grandparent has responsibility for the basic needs of the grandchild, and the duration of that responsibility. Because of the very low number of people under 30 years old who are grandparents, data are only shown for people 30 years old and over.

Existence of a grandchild in the household. This was determined by a "Yes" answer to the question, "Does this person have any of his/her own grandchildren under the age of 18 living in this house or apartment?"

Responsibility for basic needs. This question determines if the grandparent is financially responsible for food, shelter, clothing, day care, etc., for any or all grandchildren living in the household.

Duration of responsibility. The answer refers to the grandchild for whom the grandparent has been responsible for the longest period of time. Duration categories ranged from less than 6 months to 5 years or more.

Comparability. These questions are new to Census 2000. The Personal Responsibility and Work Opportunity Reconciliation Act of 1996 mandated that the decennial census collect data on this subject.

GROUP QUARTERS

The group quarters population includes all people not living in households. Two general categories of people in group quarters are recognized: (1) the institutionalized population and (2) the noninstitutionalized population.

Institutionalized population. Includes people under formally authorized, supervised care or custody in institutions at the time of enumeration. Such people are classified as "patients or inmates" of an institution regardless of the availability of nursing or medical care, the length of stay, or the number of people in the institution. Generally, the institutionalized population is restricted to the institutional buildings and grounds (or must have passes or escorts to leave) and thus have limited interaction with the surrounding community. Also, they are generally under the care of trained staff who have responsibility for their safekeeping and supervision.

Type of institution. The type of institution was determined as part of census enumeration activities. For institutions that specialize in only one specific type of service, all patients or inmates were given the same classification. For institutions that had multiple types of major services (usually general hospitals and Veterans' Administration hospitals), patients were classified according to selected types of wards. For example, in psychiatric wards of hospitals, patients were classified in "mental (psychiatric) hospitals"; in general hospital wards for people with chronic diseases, patients were classified in "other hospitals for the chronically ill." Each patient or inmate was classified in only one type of institution. Institutions include the following types:

Correctional institutions. Includes prisons, federal detention centers, military disciplinary barracks and jails, police lockups, halfway houses used for correctional purposes, local jails, and other confinement facilities, including work farms.

Prisons. Where people convicted of crimes serve their sentences. In some census products, the prisons are classified by two types of control: (1) "federal" (operated by the Bureau of Prisons of the Department of Justice) and (2) "state." In census products this category includes federal detention centers. Residents who are criminally insane were classified on the basis of where they resided at the time of enumeration: (1) in institutions (or hospital wards) operated by departments of correction or similar agencies, or (2) in institutions operated by departments of mental health or similar agencies.

Federal detention centers. Operated by the Immigration and Naturalization Service (INS) and the Bureau of Prisons. These facilities include: detention centers used by the Park Police; Bureau of Indian Affairs Detention Centers; INS Centers, such as the INS Federal Alien Detention Facility; INS Processing Centers; INS Contract Detention Centers used to detain aliens under exclusion or deportation proceedings, as well as those aliens who have not been placed into proceedings, such as custodial required departures; and INS Detention Centers operated within local jails, and state and federal prisons.

Military disciplinary barracks and jails. Operated by military police and used to hold people awaiting trial or convicted of violating military laws.

Local jails and other confinement facilities. Includes facilities operated by counties and cities that primarily hold people beyond arraignment, usually for more than 48 hours and police lockups operated by county and city police that hold people for 48 hours or less only if they have not been formally charged in court. Also, includes work farms used to hold people awaiting trial or serving time on relatively short sentences and jails run by private businesses under contract for local governments (but not by state governments).

Halfway houses. Operated for correctional purposes and include probation and restitution centers, prerelease centers, and community-residential centers.

Other types of correctional institutions. Privately operated correctional facilities and correctional facilities specifically for alcohol or drug abuse.

Nursing homes. Comprises a heterogeneous group of places providing continuous nursing and other services to patients. The majority of patients are elderly, although people who require nursing care because of chronic physical conditions may be found in these homes regardless of their age. Included in this category are skilled-nursing facilities, intermediate-care facilities, long-term care rooms in wards or buildings on the grounds of hospitals, or long-term care rooms/nursing wings in congregate housing facilities. Also included are nursing, convalescent, and rest homes, such as soldiers', sailors', veterans', and fraternal or religious homes for the aged, with nursing care.

Mental (psychiatric) hospitals. Includes hospitals or wards for the criminally insane not operated by a prison and psychiatric wards of general hospitals and veterans' hospitals. Patients receive supervised medical/nursing care from formally trained staff.

Hospitals or wards for chronically ill. Includes hospitals for patients who require long-term care, including those in military hospitals and wards for the chronically ill located on military bases; or other hospitals or wards for the chronically ill, which include tuberculosis hospitals or wards; wards in general and Veterans' Administration hospitals for the chronically ill; neurological wards; hospices and homes for chronically ill patients; wards for patients with Hansen's Disease (leprosy) and other incurable diseases; and other unspecified wards for the chronically ill. Patients who had no usual home elsewhere were enumerated as part of the institutional population in the wards of general and military hospitals. Most hospital patients are at the hospital temporarily and were enumerated at their usual place of residence. In some census products, patients in hospitals or wards for the chronically ill are classified in three categories: (1) military hospitals or wards for chronically ill, (2) other hospitals or wards for chronically ill, and (3) hospices or homes for chronically ill.

Schools, hospitals, or wards for the mentally retarded. Includes those institutions such as wards in hospitals for the mentally retarded and intermediate-care facilities for the mentally retarded that provide supervised medical/nursing care from formally trained staff.

Schools, hospitals, or wards for the physically handicapped. Includes three types of institutions: institutions for the blind, those for the deaf, and orthopedic wards and institutions for the physically handicapped. Institutions for people with speech problems are classified with "institutions for the deaf." The category "orthopedic wards and institutions for the physically handicapped" includes those institutions providing relatively long-term care to accident victims and to people with polio, cerebral palsy, and muscular dystrophy.

Hospitals and wards for drug/alcohol abuse. Includes hospitals and wards for drug/alcohol abuse. These facilities are equipped medically and designed for the diagnosis and treatment of medical or psychiatric illnesses associated with alcohol or drug abuse. Patients receive supervised medical care from formally trained staff.

Wards in general hospitals for patients who have no usual home elsewhere. Includes maternity, neonatal, pediatric (including wards for boarder babies), and surgical wards of hospitals and wards for people with infectious diseases. If not shown separately, this category includes wards in military hospitals for patients who have no usual home elsewhere.

Wards in military hospitals for patients who have no usual home elsewhere. (See above definition for "Wards in general hospitals for patients who have no usual home elsewhere.")

Juvenile institutions. Includes homes, schools, and other institutions providing care for children (short- or long-term care). Juvenile institutions include the following types:

Homes for abused, dependent, and neglected children. Includes orphanages and other institutions that provide long-term care (usually more than 30 days) for children.

Residential treatment centers. Includes those institutions that primarily serve children who, by clinical diagnosis, are moderately or seriously disturbed emotionally. Also, these institutions provide long-term treatment services, usually supervised or directed by a psychiatrist.

Training schools for juvenile delinquents. Includes residential training schools or homes, and industrial schools, camps, or farms for juvenile delinquents.

Public training schools for juvenile delinquents. Usually operated by a state agency (for example, department of welfare, corrections, or a youth authority). Some are operated by county and city governments. These public training schools are specialized institutions serving delinquent children, generally between the ages of 10 and 17 years old, all of whom are committed by the courts.

Private training schools. Operated under private auspices. Some of the children they serve are committed by the courts as delinquents. Others are referred by parents or social agencies because of delinquent behavior. One difference between private and public training schools is that, by their administrative policy, private schools have control over their selection and intake.

Detention centers. Includes institutions providing short-term care (usually 30 days or less) primarily for delinquent children pending disposition of their cases by a court. This category also covers diagnostic centers. In practice, such institutions may be caring for both delinquent and neglected children pending court disposition.

Noninstitutionalized population. Includes people who live in group quarters other than institutions. Includes staff residing in military and nonmilitary group quarters on institutional grounds who provide formally authorized, supervised care or custody for the institutionalized population.

Group Homes. Includes "community-based homes" that provide care and supportive services. Such places include homes for the mentally ill, mentally retarded, and physically handicapped; drug/alcohol halfway houses not operated for correctional purposes; communes; and maternity homes for unwed mothers.

Definitions of Subject Characteristics

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Homes for the mentally ill. Includes community-based homes that provide care primarily for the mentally ill. Homes that combine treatment of the physically handicapped with treatment of the mentally ill are counted as homes for the mentally ill.

Homes for the mentally retarded. Includes community-based homes that provide care primarily for the mentally retarded. Homes that combine treatment of the physically handicapped with treatment of the mentally retarded are counted as homes for the mentally retarded.

Homes for the physically handicapped. Includes community-based homes for the blind, for the deaf, and other community-based homes for the physically handicapped. People with speech problems are classified with homes for the deaf. Homes that combine treatment of the physically handicapped with treatment of the mentally ill are counted as homes for the mentally ill. Homes that combine treatment of the physically handicapped with treatment of the mentally retarded are counted as homes for the mentally retarded.

Homes or halfway houses for drug/alcohol abuse. Includes people with no usual home elsewhere in places that provide community-based care and supportive services to people suffering from a drug/alcohol addiction and to recovering alcoholics and drug abusers. Places providing community-based care for drug and alcohol abusers include group homes, detoxification centers, quarterway houses (residential treatment facilities that work closely with accredited hospitals), halfway houses, and recovery homes for ambulatory, mentally competent recovering alcoholics and drug abusers who may be reentering the work force.

Other group homes. Includes people with no usual home elsewhere in communes, foster care homes, and maternity homes for unwed mothers. Most of these types of places provide communal living quarters, generally for people who have formed their own community in which they have common interests and often share or own property jointly. The maternity homes for unwed mothers provide domestic care for unwed mothers and their children. These homes may provide social services and postnatal care within the facility, or may make arrangements for women to receive such services in the community. Nursing services are usually available in the facility.

Religious group quarters. Includes, primarily, group quarters for nuns teaching in parochial schools and for priests living in rectories. It also includes other convents and monasteries, except those associated with a general hospital or an institution.

College quarters off campus. Includes university-owned off-campus housing, if the place is reserved exclusively for occupancy by college students who do not have their families living with them. In census products, people in this category are classified as living in a college dormitory.

College dormitories. Includes college students in dormitories (provided the dormitory is restricted to students who do not have their families living with them), fraternity and sorority houses, and on-campus residential quarters used exclusively for those in religious orders who are attending college. College dormitory housing includes university-owned, on-campus and off-campus housing for unmarried residents.

Military quarters. Includes military personnel living in barracks and dormitories on base, transient quarters on base for temporary residents (both civilian and military), and military ships. However, patients in military hospitals receiving treatment for chronic diseases or who had no usual home elsewhere, and people being held in military disciplinary barracks were included as part of the institutionalized population.

Agriculture workers' dormitories. Includes people in migratory farm workers' camps on farms, bunkhouses for ranch hands, and other dormitories on farms, such as those on "tree farms." (A tree farm is an area of forest land managed to ensure continuous commercial production.)

Other workers' dormitories. Includes people in logging camps, construction workers' camps, firehouse dormitories, job-training camps, energy enclaves (Alaska only), and nonfarm migratory workers' camps (for example, workers in mineral and mining camps).

Definitions of Subject Characteristics

Dormitories for nurses and interns in general and military hospitals. Includes group quarters for nurses and other staff members, excluding patients. If not shown separately, dormitories for nurses and interns in general and military hospitals are included in the category "Staff Residents of Institutions."

Job corps and vocational training facilities. Includes facilities that provide a full-time, year-round residential program offering a comprehensive array of training, education, and supportive services, including supervised dormitory housing, meals, and counseling for at-risk youth ages 16 through 24.

Emergency and transitional shelters (with sleeping facilities). Includes people without conventional housing who stayed overnight on March 27, 2000, in permanent and emergency housing, missions, Salvation Army shelters, transitional shelters, hotels and motels used to shelter people without conventional housing, and similar places known to have people without conventional housing staying overnight. Also included are shelters that operate on a first come, first-serve basis where people must leave in the morning and have no guaranteed bed for the next night OR where people know that they have a bed for a specified period of time (even if they leave the building every day). Shelters also include facilities that provide temporary shelter during extremely cold weather (such as churches). If shown, this category also includes shelters for children who are runaways, neglected, or without conventional housing.

Shelters for children who are runaways, neglected, or without conventional housing. Includes shelters/group homes that provide temporary sleeping facilities for juveniles. In census products, this category is included with emergency and transitional housing.

Shelters for abused women (shelters against domestic violence or family crisis centers). Includes community-based homes or shelters that provide domiciliary care for women who have sought shelter from family violence and who may have been physically abused. Most shelters also provide care for children of abused women. These shelters may provide social services, meals, psychiatric treatment, and counseling. In census products, this category is included with "other noninstitutional group quarters."

Soup kitchens. Includes soup kitchens, food lines, and programs distributing prepared breakfasts, lunches, or dinners on March 28, 2000. These programs may be organized as food service lines, bag or box lunches, or tables where people are seated, then served by program personnel. These programs may or may not have a place for clients to sit and eat the meal. In census products, this category is included with "other noninstitutional group quarters." This category excludes regularly scheduled mobile food vans.

Targeted nonsheltered outdoor locations. Includes geographically identifiable outdoor locations open to the elements where there is evidence that people who do not usually receive services at soup kitchens, shelters, and mobile food vans lived on March 29, 2000, without paying to stay there. Sites must have a specific location description that allowed a census enumeration team to physically locate the site; for example, "the Brooklyn Bridge at the corner of Bristol Drive" or "the 700 block of Taylor Street behind the old warehouse." Excludes pay-for-use campgrounds; drop-in centers; post offices; hospital emergency rooms; and commercial sites, including all-night theaters and all-night diners. In census products, this category is included with "other noninstitutional group quarters."

Crews of maritime vessels. Includes officers, crew members, and passengers of maritime U.S. flag vessels. All ocean-going and Great Lakes ships are included.

Residential facilities providing "protective oversight." Includes facilities providing assistance to people with disabilities.

Staff residents of institutions. Includes staff residing in military and nonmilitary group quarters on institutional grounds who provide formally authorized, supervised care or custody for the institutionalized population.

Other nonhousehold living situations. Includes people with no usual home elsewhere enumerated at locations such as YMCAs, YWCAs, and hostels. People enumerated at those places that did not have a usual home elsewhere are included in this category.

Living quarters for victims of natural disasters. Includes living quarters for people temporarily displaced by natural disasters.

Comparability. For Census 2000, the definition of the institutionalized population was consistent with the definition used in the 1990 census. As in 1990, the definition of "care" only includes people under organized medical or formally authorized, supervised care or custody. In Census 2000, the 1990 and 1980 rule of classifying ten or more unrelated people living together as living in noninstitutional group quarters was dropped. In 1970, the criteria was six or more unrelated people.

Several changes have occurred in the tabulation of specific types of group quarters. In Census 2000, police lockups were included with local jails and other confinement facilities, and homes for unwed mothers were included in "Other group homes"; in 1990, these categories were shown separately. For the first time, Census 2000 tabulates separately the following types of group quarters: military hospitals or wards for the chronically ill, other hospitals or wards for the chronically ill, hospices or homes for the chronically ill, wards in military hospitals with patients who have no usual home elsewhere, wards in general hospitals with patients who have no usual home elsewhere, and job corps and vocational training facilities. For Census 2000, rooming and boarding houses were classified as housing units rather than group quarters as in 1990.

As in 1990, workers' dormitories were classified as group quarters regardless of the number of people sharing the dormitory. In 1980, ten or more unrelated people had to share the dorm for it to be classified as a group quarters. In 1960, data on people in military barracks were shown only for men. In subsequent censuses, they include both men and women.

The phrase "institutionalized persons" in 1990 data products was changed to "institutionalized population" for Census 2000. In 1990, the Census Bureau used the phrase "other persons in group quarters" for people living in noninstitutional group quarters. In 2000, this group is referred to as the "noninstitutionalized population." The phrase "staff residents" was used for staff living in institutions in both 1990 and 2000.

In Census 2000, the category "emergency and transitional shelters" includes emergency shelters, transitional shelters, and shelters for children who are runaways, neglected, or without conventional housing. Those people tabulated at shelters for abused women, soup kitchens, regularly scheduled mobile food vans, and targeted nonsheltered outdoor locations were included in the category "other noninstitutional group quarters." Each of these categories were enumerated from March 27-29, 2000, during Service-Based enumeration. (For more information on the "Service-Based Enumeration" operation, see "Collection and Processing Procedures.")

HISPANIC OR LATINO

The data on the Hispanic or Latino population were derived from answers to questionnaire Item 5. The terms "Spanish," "Hispanic origin," and "Latino" are used interchangeably. Some respondents identify with all three terms, while others may identify with only one of these three specific terms. Hispanics or Latinos who identify with the terms "Spanish," "Hispanic," or "Latino" are those who classify themselves in one of the specific Hispanic or Latino categories listed on the questionnaire — "Mexican," "Puerto Rican," or "Cuban" — as well as those who indicate that they are "other Spanish, Hispanic, or Latino." People who do not identify with one of the specific origins listed on the questionnaire but indicate that they are "other Spanish, Hispanic, or Latino" are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, the Dominican Republic, or people identifying themselves generally as Spanish, Spanish-American, Hispanic, Hispano, Latino, and so on. All write-in responses to the "other Spanish/Hispanic/Latino" category were coded.

Definitions of Subject Characteristics

Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. People who identify their origin as Spanish, Hispanic, or Latino may be of any race.

Some tabulations are shown by the origin of the householder. In all cases where the origin of households, families, or occupied housing units is classified as Spanish, Hispanic, or Latino, the origin of the householder is used. (For more information, see the discussion of householder under "Household Type and Relationship.")

If an individual could not provide a Hispanic origin response, their origin was assigned using specific rules of precedence of household relationship. For example, if origin was missing for a natural-born daughter in the household, then either the origin of the householder, another natural-born child, or the spouse of the householder was assigned. If Hispanic origin was not reported for anyone in the household, the origin of a householder in a previously processed household with the same race was assigned. This procedure is a variation of the general imputation procedures described in "Accuracy of the Data," and is similar to those used in 1990, except that for Census 2000, race and Spanish surnames were used to assist in assigning an origin. (For more information, see the "Comparability" section below.)

Comparability. The 2000 data on Hispanic origin are generally comparable with those for the 1990 census. However, there are some important differences in the format of the Hispanic origin question between the two censuses worth noting. First, the sequence of the race and Hispanic origin questions for Census 2000 differs from that in 1990; in 1990, the race question preceded the Hispanic origin question. Testing prior to Census 2000 indicated that response to the Hispanic origin question could be improved by placing it before the race question without affecting the response to the race question. Second, there is an instruction preceding the Hispanic origin question indicating that respondents should answer both the Hispanic origin question and the race question. This instruction was added to give emphasis to the distinct concepts of the Hispanic origin and race questions and to emphasize the need for both pieces of information. Third, the term "Latino" was added to the 2000 Hispanic origin question and the word "origin" was deleted from the 2000 wording. In addition, the response category "Yes, Dominican (Dominican Republic) was deleted and replaced with "Yes, Mexican, Mexican Am., Chicano." Finally, Spanish/Hispanic write-in examples also were deleted from the 2000 Hispanic origin question.

Furthermore, there has been a change in the processing of the Hispanic origin and race responses. In 1990, the Hispanic origin question and the race question had separate edits; therefore, although information may have been present on the questionnaire, it was not fully utilized due to the discreet nature of the edits. However, for Census 2000, there was a joint race and Hispanic origin edit which, for example, made use of race responses in the Hispanic origin question to impute a race if none was given.

HOUSEHOLD TYPE AND RELATIONSHIP

Household

A household includes all of the people who occupy a housing unit. (People not living in households are classified as living in group quarters.) A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room occupied (or if vacant, intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live separately from any other people in the building and that have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living quarters.

Average household size. A measure obtained by dividing the number of people in households by the total number of households (or householders). In cases where household members are tabulated by race or Hispanic origin, household members are classified by the race or Hispanic origin of the householder rather than the race or Hispanic origin of each individual. Average household size is rounded to the nearest hundredth.

Relationship to Householder

Householder. The data on relationship to householder were derived from the question, "How is this person related to Person 1," which was asked of Persons 2 and higher in housing units. One person in each household is designated as the householder (Person 1). In most cases, the householder is the person, or one of the people, in whose name the home is owned, being bought, or rented. If there is no such person in the household, any adult household member 15 years old and over could be designated as the householder (i.e., Person 1).

Households are classified by type according to the sex of the householder and the presence of relatives. Two types of householders are distinguished: family householders and nonfamily householders. A family householder is a householder living with one or more individuals related to him or her by birth, marriage, or adoption. The householder and all of the people in the household related to him or her are family members. A nonfamily householder is a householder living alone or with nonrelatives only.

Spouse (husband/wife). A spouse (husband/wife) is a person married to and living with a householder. People in formal marriages, as well as people in common-law marriages, are included. The number of spouses is equal to the number of "married-couple families" or "married-couple households."

Child. A child is a son or daughter by birth, a stepchild, or an adopted child of the householder, regardless of the child's age or marital status. The category excludes sons-in-law, daughters-in-law, and foster children.

Natural-born son/daughter. Natural-born son/daughter includes a son or daughter of the householder by birth, regardless of the age of the child.

Adopted son/daughter. Adopted son/daughter includes a son or daughter of the householder by legal adoption, regardless of the age of the child. If a stepson/stepdaughter of the householder has been legally adopted by the householder, the child is then classified as an adopted child.

Stepson/stepdaughter. Stepson/stepdaughter includes a son or daughter of the householder through marriage but not by birth, regardless of the age of the child. If a stepson/stepdaughter of the householder has been legally adopted by the householder, the child is then classified as an adopted child.

Own child. Own child is a never-married child under 18 years who is a son or daughter of the householder by birth, marriage (a stepchild), or adoption.

In certain tabulations, own children are further classified as living with two parents or with one parent only. Own children living with two parents are by definition found only in married-couple families. In a subfamily, an "own child" is a child under 18 years old who is a natural-born child, stepchild, or an adopted child of a mother in a mother-child subfamily, a father in father-child subfamily, or either spouse in a married-couple subfamily. (Note: In the tabulation under "EMPLOYMENT STATUS" of own children under 6 years by employment status of parents, the number of "own children" includes any child under 6 years old in a family or a subfamily who is a son or daughter, by birth, marriage, or adoption, of a member of the householder's family, but not necessarily of the householder.)

Related children. Related children include the sons and daughters of the householder (including natural-born, adopted, or stepchildren) and all other people under 18 years old, regardless of marital status, in the household, who are related to the householder, except the spouse of the householder. Foster children are not included since they are not related to the householder.

Other relatives. Other relatives include any household member related to the householder by birth, marriage, or adoption, but not included specifically in another relationship category. In certain detailed tabulations, the following categories may be shown:

Grandchild. A grandchild is a grandson or granddaughter of the householder.

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Brother/sister. Brother/sister refers to the brother or sister of the householder, including stepbrothers, stepsisters, and brothers and sisters by adoption. Brothers-in-law and sisters-in-law are included in the "Other relative" category on the questionnaire.

Parent. Parent refers to the father or mother of the householder, including a stepparent or adoptive parent. Fathers-in-law and mothers-in-law are included in the "Parent-in-law" category on the questionnaire.

Parent-in-law. A parent-in-law is the mother-in-law or father-in-law of the householder.

Son-in-law/daughter-in-law. A son-in-law/daughter-in-law, by definition, is a spouse of the child of the householder.

Other relatives. Other relatives include anyone not listed in a reported category above who is related to the householder by birth, marriage, or adoption (brother-in-law, grandparent, nephew, aunt, cousin, and so forth).

Nonrelatives. Nonrelatives include any household member not related to the householder by birth, marriage, or adoption, including foster children. The following categories may be presented in more detailed tabulations:

Roomer, boarder. A roomer or boarder is a person who lives in a room in the household of Person 1 (householder). Some sort of cash or noncash payment (e.g., chores) is usually made for their living accommodations.

Housemate or roommate. A housemate or roommate is a person who is not related to the householder and who shares living quarters primarily to share expenses.

Unmarried partner. An unmarried partner is a person who is not related to the householder, who shares living quarters, and who has a close personal relationship with the householder.

Foster child. A foster child is a person who is under 18 years old placed by the local government in a household to receive parental care. They may be living in the household for just a brief period or for several years. Foster children are nonrelatives of the householder. If the foster child is also related to the householder, the child should be classified as that specific relative.

Other nonrelatives. Other nonrelatives includes individuals who are not related by birth, marriage, or adoption to the householder and who are not described by the categories given above.

Unrelated Individual

An unrelated individual is: (1) a householder living alone or with nonrelatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

Family Type

A family includes a householder and one or more other people living in the same household who are related to the householder by birth, marriage, or adoption. All people in a household who are related to the householder are regarded as members of his or her family. A family household may contain people not related to the householder, but those people are not included as part of the householder's family in census tabulations. Thus, the number of family households is equal to the number of families, but family households may include more members than do families. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may be comprised of a group of unrelated people or of one person living alone.

Families are classified by type as either a "married-couple family" or "other family" according to the presence of a spouse. "Other family" is further broken out according to the sex of the householder.

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Married-couple family. This category includes a family in which the householder and his or her spouse are enumerated as members of the same household.

Other family:

Male householder, no wife present. This category includes a family with a male maintaining a household with no wife of the householder present.

Female householder, no husband present. This category includes a family with a female maintaining a household with no husband of the householder present.

Nonfamily household. This category includes a householder living alone or with nonrelatives only.

Average family size. A measure obtained by dividing the number of people in families by the total number of families (or family householders). In cases where this measure is tabulated by race or Hispanic origin, the race or Hispanic origin refers to that of the householder rather than to the race or Hispanic origin of each individual. Average family size is rounded to the nearest hundredth.

Subfamily

A subfamily is a married couple with or without own children under 18 years old who are never-married, or a single parent with one or more own never-married children under 18 years old. A subfamily does not maintain their own household, but lives in a household where the householder or householder's spouse is a relative. Subfamilies are defined during the processing of the data.

In some labor force tabulations, both one-parent families and one-parent subfamilies are included in the total number of children living with one parent, while both married-couple families and married-couple subfamilies are included in the total number of children living with two parents.

Unmarried-Partner Household

An unmarried-partner household is a household that includes a householder and an "unmarried partner." An "unmarried partner" can be of the same or of the opposite sex of the householder. An "unmarried partner" in an "unmarried-partner household" is an adult who is unrelated to the householder, but shares living quarters and has a close personal relationship with the householder. An unmarried-partner household may also be a family household or a nonfamily household, depending on the presence or absence of another person in the household who is related to the householder. There may be only one unmarried-partner per household, and an unmarried partner may not be included in a married-couple household as the householder cannot have both a spouse and an unmarried partner.

Comparability. The 1990 relationship category, "Natural-born or adopted son/daughter" has been replaced by "Natural-born son/daughter" and "Adopted son/daughter." The following categories were added in Census 2000: "Parent-in-law" and "Son-in-law/daughter-in-law." The 1990 nonrelative category, "Roomer, boarder, or foster child" was replaced by two categories: "Roomer, boarder" and "Foster child." In 2000, foster children had to be in the local government's foster care system to be so classified. In 1990, foster children were estimated to be those children in households who were not related to the householder and for whom there were no people 18 years old and over who may have been their parents. In 1990, stepchildren who were adopted by the householder were still classified as stepchildren. In 2000, stepchildren who were legally adopted by the householder were classified as adopted children. Some tables may show relationship to householder and be labeled "child." These tabulations include all marital status categories of natural-born, adopted, or stepchildren. Because of changes in editing procedures, same sex unmarried-partner households in 1990 should not compared with same sex unmarried-partner households in Census 2000.

INCOME IN 1999

The data on income in 1999 were derived from answers to questionnaire Items 32 and 33, which were asked of the population 15 years old and over. "Total income" is the sum of the amounts reported separately for wage or salary income; net self-employment income; interest, dividends, or net rental or royalty income or income from estates and trusts; social security or railroad retirement income; Supplemental Security Income (SSI); public assistance or welfare payments; retirement, survivor, or disability pensions; and all other income.

"Earnings" are defined as the sum of wage or salary income and net income from self-employment. "Earnings" represent the amount of income received regularly for people 16 years old and over before deductions for personal income taxes, social security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources are not included as income: capital gains, money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer contributions for individuals, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; and gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Income Type in 1999

The eight types of income reported in the census are defined as follows:

1. **Wage or salary income.** Wage or salary income includes total money earnings received for work performed as an employee during the calendar year 1999. It includes wages, salary, armed forces pay, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, pensions, union dues, etc.

2. **Self-employment income.** Self-employment income includes both farm and nonfarm self-employment income. *Nonfarm self-employment income* includes net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. *Farm self-employment income* includes net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his or her own account, as an owner, renter, or sharecropper. Gross receipts include the value of all products sold, government farm programs, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc. Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farmhands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not state and federal personal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income.

3. **Interest, dividends, or net rental income.** Interest, dividends, or net rental income includes interest on savings or bonds, dividends from stockholdings or membership in associations, net income from rental of property to others and receipts from boarders or lodgers, net royalties, and periodic payments from an estate or trust fund.

4. **Social security income.** Social security income includes social security pensions and survivors benefits, permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance, and railroad retirement insurance checks from the U.S. government. Medicare reimbursements are not included.

5. **Supplemental Security Income (SSI).** Supplemental Security Income (SSI) is a nationwide U.S. assistance program administered by the Social Security Administration that guarantees a minimum level of income for needy aged, blind, or disabled individuals. The census questionnaire for Puerto Rico asked about the receipt of SSI; however, SSI is not a federally administered program in Puerto Rico. Therefore, it is probably not being interpreted by most

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respondents as the same as SSI in the United States. The only way a resident of Puerto Rico could have appropriately reported SSI would have been if they lived in the United States at any time during calendar year 1999 and received SSI.

6. **Public assistance income.** Public assistance income includes general assistance and Temporary Assistance to Needy Families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include Supplemental Security Income (SSI).

7. **Retirement income.** Retirement income includes: (1) retirement pensions and survivor benefits from a former employer; labor union; or federal, state, or local government; and the U.S. military; (2) income from workers' compensation; disability income from companies or unions; federal, state, or local government; and the U.S. military; (3) periodic receipts from annuities and insurance; and (4) regular income from IRA and KEOGH plans. This does not include social security income.

8. **All other income.** All other income includes unemployment compensation, Veterans' Administration (VA) payments, alimony and child support, contributions received periodically from people not living in the household, military family allotments, and other kinds of periodic income other than earnings.

Income of households. This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income. Although the household income statistics cover calendar year 1999, the characteristics of individuals and the composition of households refer to the time of enumeration (April 1, 2000). Thus, the income of the household does not include amounts received by individuals who were members of the household during all or part of calendar year 1999 if these individuals no longer resided in the household at the time of enumeration. Similarly, income amounts reported by individuals who did not reside in the household during 1999 but who were members of the household at the time of enumeration are included. However, the composition of most households was the same during 1999 as at the time of enumeration.

Income of families. In compiling statistics on family income, the incomes of all members 15 years old and over related to the householder are summed and treated as a single amount. Although the family income statistics cover calendar year 1999, the characteristics of individuals and the composition of families refer to the time of enumeration (April 1, 2000). Thus, the income of the family does not include amounts received by individuals who were members of the family during all or part of calendar year 1999 if these individuals no longer resided with the family at the time of enumeration. Similarly, income amounts reported by individuals who did not reside with the family during 1999 but who were members of the family at the time of enumeration are included. However, the composition of most families was the same during 1999 as at the time of enumeration.

Income of individuals. Income for individuals is obtained by summing the eight types of income for each person 15 years old and over. The characteristics of individuals are based on the time of enumeration (April 1, 2000), even though the amounts are for calendar year 1999.

Median income. The median divides the income distribution into two equal parts: one-half of the cases falling below the median income and one-half above the median. For households and families, the median income is based on the distribution of the total number of households and families including those with no income. The median income for individuals is based on individuals 15 years old and over with income. Median income for households, families, and individuals is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median income is rounded to the nearest whole dollar. Median income figures are calculated using linear interpolation if the width of the interval containing the estimate is $2,500 or less. If the width of the interval containing the estimate is greater than $2,500, Pareto interpolation is used. (For more information on medians and interpolation, see "Derived Measures.")

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Aggregate income. Aggregate income is the sum of all incomes for a particular universe. Aggregate income is subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Aggregate" under "Derived Measures.")

Mean income. Mean income is the amount obtained by dividing the aggregate income of a particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. (The aggregate used to calculate mean income is rounded. For more information, see "Aggregate income.")

For the various types of income, the means are based on households having those types of income. For households and families, the mean income is based on the distribution of the total number of households and families including those with no income. The mean income for individuals is based on individuals 15 years old and over with income. Mean income is rounded to the nearest whole dollar.

Care should be exercised in using and interpreting mean income values for small subgroups of the population. Because the mean is influenced strongly by extreme values in the distribution, it is especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is, therefore, a better measure than the mean when the population base is small. The mean, nevertheless, is shown in some data products for most small subgroups because, when weighted according to the number of cases, the means can be added to obtained summary measures for areas and groups other than those shown in census tabulations. (For more information on means, see "Derived Measures.")

Earnings. Earnings are defined as the sum of wage or salary income and net income from self-employment. "Earnings" represent the amount of income received regularly for people 16 years old and over before deductions for personal income taxes, social security, bond purchases, union dues, medicare deductions, etc.

Median earnings. The median divides the earnings distribution into two equal parts: one-half of the cases falling below the median earnings and one-half above the median. Median earnings is restricted to individuals 16 years old and over and is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median earnings figures are calculated using linear interpolation if the width of the interval containing the estimate is $2,500 or less. If the width of the interval containing the estimate is greater than $2,500, Pareto interpolation is used. (For more information on medians and interpolation, see "Derived Measures.")

Aggregate earnings. Aggregate earnings are the sum of wage/salary and net self-employment income for a particular universe of people 16 years old and over. Aggregate earnings are subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Aggregate" under "Derived Measures.")

Mean earnings. Mean earnings is calculated by dividing aggregate earnings by the population 16 years old and over with earnings. (The aggregate used to calculate mean earnings is rounded. For more information, see "Aggregate earnings.") Mean earnings is rounded to the nearest whole dollar. (For more information on means, see "Derived Measures.")

Per capita income. Per capita income is the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group. (The aggregate used to calculate per capita income is rounded. For more information, see "Aggregate" under "Derived Measures.") Per capita income is rounded to the nearest whole dollar. (For more information on means, see "Derived Measures.")

Limitation of the data. Since answers to income questions are frequently based on memory and not on records, many people tended to forget minor or sporadic sources of income and, therefore, underreport their income. Underreporting tends to be more pronounced for income sources that are not derived from earnings, such as public assistance, interest, dividends, and net rental income.

Extensive computer editing procedures were instituted in the data processing operation to reduce some of these reporting errors and to improve the accuracy of the income data. These procedures corrected various reporting deficiencies and improved the consistency of reported income items associated with work experience and information on occupation and class of worker. For example, if people reported they were self employed on their own farm, not incorporated, but had reported wage and salary earnings only, the latter amount was shifted to self-employment income. Also, if any respondent reported total income only, the amount was generally assigned to one of the types of income items according to responses to the work experience and class-of-worker questions. Another type of problem involved nonreporting of income data. Where income information was not reported, procedures were devised to impute appropriate values with either no income or positive or negative dollar amounts for the missing entries. (For more information on imputation, see "Accuracy of the Data.")

In income tabulations for households and families, the lowest income group (for example, less than $2,500) includes units that were classified as having no 1999 income. Many of these were living on income "in kind," savings, or gifts, were newly created families, or were families in which the sole breadwinner had recently died or left the household. However, many of the households and families who reported no income probably had some money income that was not reported in the census.

Comparability. The income data collected in the 2000 census are almost identical to the 1990 data. The only exception is the "public assistance" question. In 1990, this question asked respondents to report (1) Supplementary Security Income (SSI) payments made by federal or state welfare agencies to low income persons who were aged (65 years old or over), blind, or disabled; (2) Aid to Families With Dependent Children (AFDC), and (3) general assistance. In 2000, we asked the Supplemental Security Income (SSI) question separately from the general assistance question. All references to AFDC were dropped due to changes in the welfare programs during the 1990s. In 2000, each person 15 years old or older was asked to report:

- Wage or salary income

- Net self-employment income

- Interest, dividend, or net rental or royalty income

- Social Security or Railroad Retirement income

- Supplemental Security Income (SSI)

- Public assistance income

- Retirement, survivor, or disability pensions

- Income from all other sources

Between the 1980, 1990, and 2000 censuses, there were minor differences in the processing of the data. In all three censuses, all people with missing values in one or more of the detailed type of income items and total income were designated as allocated. Each missing entry was imputed as a "no" or as a dollar amount. If total income was reported and one or more of the type of income fields was not answered, then the entry in total income generally was assigned to one of the income types according to the socioeconomic characteristics of the income recipient. This person was designated as unallocated.

In 1980, 1990, and 2000, all nonrespondents with income not reported (whether heads of households or other persons) were assigned the reported income of persons with similar characteristics. (For more information on imputation, see "Accuracy of the Data.")

There was a difference in the method of computer derivation of aggregate income from individual amounts between the three census processing operations. In the 1980 census, income amounts less than $100,000 were coded in tens of dollars and amounts of $100,000 or more were coded in thousands of dollars; $5 was added to each amount coded in thousands of dollars. Entries of $999,000 or more were treated as $999,500 and losses of $9,999 or more were treated as minus

$9,999. In both the 1990 and 2000 censuses, income amounts less than $999,999 were entered in dollars. Amounts of $999,999 or more were treated as $999,999 and losses of $9,999 or more were treated as minus $9,999 in all of the computer derivations of aggregate income.

In 1970, each person 14 years old and over was required to report:

- Wage or salary income

- Net nonfarm self-employment income

- Net farm self-employment income

- Social security or railroad retirement income

- Public assistance or welfare payments

- Income from all other sources

If a person reported a dollar amount in wage or salary or net self-employment, the person was considered unallocated only if no further dollar amounts were imputed for any additional missing entries.

In 1960, all people 14 years old and over were required to report wage or salary income, net self-employment income, and income other than earnings received in 1959. An assumption was made in the editing process that no other type of income was received by a person who reported the receipt of either wage and salary income or self-employment but who had failed to report the receipt of other money income.

INDUSTRY, OCCUPATION, AND CLASS OF WORKER

The data on industry, occupation, and class of worker were derived from answers to questionnaire Items 28, 29, and 30 respectively, which were asked of the population 15 years old and over. Information on industry relates to the kind of business conducted by a person's employing organization; occupation describes the kind of work a person does on the job.

For employed people, the data refer to the person's job during the reference week. For those who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours during the reference week. For unemployed people, the data refer to their last job. The industry and occupation statistics are derived from the detailed classification systems developed for Census 2000 as described below.

Respondents provided the data for the tabulations by writing on the questionnaires descriptions of their industry and occupation. All cases were coded by clerical staff, who converted the written questionnaire responses to codes by comparing these responses to entries in the *Alphabetical Index of Industries and Occupations*. For the industry code, these coders also referred to an Employer Name List. This list, prepared from the American Business Index (ABI), contained the names of business establishments and their North American Industrial Classification System (NAICS) codes converted to population census equivalents. This list facilitated coding and maintained industrial classification comparability.

Industry

The industry classification system used during Census 2000 was developed for the census and consists of 265 categories for employed people, classified into 14 major industry groups. From 1940 through 1990, the industrial classification has been based on the *Standard Industrial Classification (SIC) Manual*. The Census 2000 classification was developed from the 1997 North American Industry Classification System (NAICS) published by the Office of Management and Budget, Executive Office of the President. NAICS is an industry description system that groups establishments into industries based on the activities in which they are primarily engaged.

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The NAICS differs from most industry classifications because it is a supply-based, or production-oriented economic concept. Census data, which were collected from households, differ in detail and nature from those obtained from establishment surveys. Therefore, the census classification system, while defined in NAICS terms, cannot reflect the full detail in all categories.

NAICS shows a more detailed hierarchical structure than that used for Census 2000. The expansion from 11 divisions in the SIC to 20 sectors in the NAICS provides groupings that are meaningful and useful for economic analysis. Various statistical programs that previously sampled or published at the SIC levels face problems with the coverage for 20 sectors instead of 11 divisions. These programs requested an alternative aggregation structure for production purposes which was approved and issued by the Office of Management and Budget on May 15, 2001, in the clarification Memorandum No. 2, "NAICS Alternate Aggregation Structure for Use by U.S. Statistical Agencies." Several census data products will use the alternative aggregation, while others, such as Summary File 3 and Summary File 4, will use more detail.

Occupation

The occupational classification system used during Census 2000 consists of 509 specific occupational categories for employed people arranged into 23 major occupational groups. This classification was developed based on the *Standard Occupational Classification (SOC) Manual: 2000,* which includes a hierarchical structure showing 23 major occupational groups divided into 96 minor groups, 449 broad groups, and 821 detailed occupations. For Census 2000, tabulations with occupation as the primary characteristic present several levels of occupational detail.

Some occupation groups are related closely to certain industries. Operators of transportation equipment, farm operators and workers, and healthcare providers account for major portions of their respective industries of transportation, agriculture, and health care. However, the industry categories include people in other occupations. For example, people employed in agriculture include truck drivers and bookkeepers; people employed in the transportation industry include mechanics, freight handlers, and payroll clerks; and people employed in the health care industry include occupations such as security guard and secretary.

Class of Worker

The data on class of worker were derived from answers to questionnaire Item 30. The information on class of worker refers to the same job as a respondent's industry and occupation, categorizing people according to the type of ownership of the employing organization. The class of worker categories are defined as follows:

Private wage and salary workers. Private wage and salary workers include people who worked for wages, salary, commission, tips, pay-in-kind, or piece rates for a private for-profit employer or a private not-for-profit, tax-exempt, or charitable organization. Self-employed people whose business was incorporated are included with private wage and salary workers because they are paid employees of their own companies. Some tabulations present data separately for these subcategories: "for-profit," "not-for-profit," and "own business incorporated."

Government workers. Government workers includes people who were employees of any federal, tribal, state, or local governmental unit, regardless of the activity of the particular agency. For some tabulations, the data were presented separately for federal (includes tribal), state, and local governments. Employees of foreign governments, the United Nations, or other formal international organizations were classified as "federal government," unlike the 1990 census when they were classified as "private not-for-profit."

Self-employed in own not incorporated business workers. Self-employed in own not incorporated business workers includes people who worked for profit or fees in their own unincorporated business, professional practice, or trade, or who operated a farm.

Unpaid family workers. Unpaid family workers includes people who worked 15 hours or more without pay in a business or on a farm operated by a relative.

Self-employed in own incorporated business workers. In tabulations, this category is included with private wage and salary workers because they are paid employees of their own companies.

The industry category, "Public administration," is limited to regular government functions, such as legislative, judicial, administrative, and regulatory activities of governments. Other government organizations, such as schools, hospitals, liquor stores, and bus lines, are classified by industry according to the activity in which they are engaged. On the other hand, the class of worker government categories include all government workers.

In some cases, respondents supplied industry, occupation, or class of worker descriptions that were not sufficiently specific for a precise classification or did not report on these items at all. In the coding operation, certain types of incomplete entries were corrected using the *Alphabetical Index of Industries and Occupations.* For example, it was possible in certain situations to assign an industry code based on the occupation reported, or vice versa.

Following the coding operations, there was a computer edit and an allocation process. The edit first determined whether a respondent was in the universe that required an industry and occupation code. The codes for the three items (industry, occupation, and class of worker) were checked to ensure they were valid and were edited for their relation to each other. Invalid and inconsistent codes were either blanked or changed to a consistent code.

If one or more of the three codes was blank after the edit, a code was assigned from a "similar" person based on other items, such as age, sex, education, farm or nonfarm residence, and weeks worked. If all of the labor force and income data were blank, all of these economic items were assigned from one other person or one other household who provided all the necessary data.

Comparability. Comparability of industry and occupation data was affected by a number of factors, primarily the systems used to classify the questionnaire responses. For both the industry and occupation classification systems, the basic structures were generally the same from 1940 to 1970, but changes in the individual categories limited comparability of the data from one census to another. These changes were needed to recognize the "birth" of new industries and occupations, the "death" of others, the growth and decline in existing industries and occupations, and the desire of analysts and other users for more detail in the presentation of the data. Probably the greatest cause of noncomparability is the movement of a segment of a category to a different category in the next census. Changes in the nature of jobs and respondent terminology and refinement of category composition made these movements necessary. The 1990 occupational classification system was essentially the same as the 1980 census. However, the industry classification had minor changes between 1980 and 1990 that reflected changes to the Standard Industrial Classification (SIC).

In Census 2000, both the industry and occupation classifications had major revisions to reflect changes to the North American Industrial Classification System (NAICS) and the Standard Occupational Classification (SOC). The conversion of the census classifications in 2000 means that the 2000 classification systems are not comparable to the classifications used in the 1990 census and earlier.

Other factors that affected data comparability over the decades include the universe to which the data referred (in 1970, the age cutoff for labor force was changed from 14 years old to 16 years old); the wording of the industry and occupation questions on the questionnaire (for example, important changes were made in 1970); improvements in the coding procedures (the Employer Name List technique was introduced in 1960); and how the "not reported" cases were handled. Prior to 1970, they were placed in the residual categories, "industry not reported" and "occupation not reported." In 1970, an allocation process was introduced that assigned these cases to major groups. In Census 2000, as in 1980 and 1990, the "not reported" cases were assigned to individual categories. Therefore, the 1980, 1990, and Census 2000 data for individual categories include some numbers of people who would have been tabulated in a "not reported" category in previous censuses.

The following publications contain information on the various factors affecting comparability and are particularly useful for understanding differences in the occupation and industry information from earlier censuses: U.S. Census Bureau, *Changes Between the 1950 and 1960 Occupation and*

Industry Classifications With Detailed Adjustments of 1950 Data to the 1960 Classifications, Technical Paper No. 18, 1968; U.S. Census Bureau, *1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements,* Technical Paper No. 26, 1972; and U.S. Census Bureau, *The Relationship Between the 1970 and 1980 Industry and Occupation Classification Systems,* Technical Paper No. 59, 1988. For citations for earlier census years, see the 1980 Census of Population report, PC80-1-D, *Detailed Population Characteristics.*

The 1990 census introduced an additional class of worker category for "private not-for-profit" employers, which is also used for Census 2000. This category is a subset of the 1980 category "employee of private employer" so there is no comparable data before 1990. Also in 1990, employees of foreign governments, the United Nations, etc., were classified as "private not-for-profit," rather than "Federal Government" as in 1970, 1980, and Census 2000. While in theory, there was a change in comparability, in practice, the small number of U.S. residents working for foreign governments made this change negligible.

Comparability between the statistics on industry and occupation from Census 2000 and statistics from other sources is affected by many of the factors described in the "Employment Status" section. These factors are primarily geographic differences between residence and place of work, different dates of reference, and differences in counts because of dual job holdings. Industry data from population censuses cover all industries and all kinds of workers, whereas, data from establishments often exclude private household workers, government workers, and the self employed. Also, the replies from household respondents may have differed in detail and nature from those obtained from establishments.

Occupation data from the census and data from government licensing agencies, professional associations, trade unions, etc., may not be as comparable as expected. Organizational listings often include people not in the labor force or people devoting all or most of their time to another occupation; or the same person may be included in two or more different listings. In addition, relatively few organizations, except for those requiring licensing, attained complete coverage of membership in a particular occupational field.

JOURNEY TO WORK

Place of Work

The data on place of work were derived from answers to questionnaire Item 23, which was asked of the population 15 years old and over. This question was asked of people who indicated in question 22 that they worked at some time during the reference week. (For more information, see "Reference Week.")

Data were tabulated for workers 16 years old and over; that is, members of the armed forces and civilians who were at work during the reference week. Data on place of work refer to the geographic location at which workers carried out their occupational activities during the reference week. The name of the general area of the place of work (island in the U.S. Virgin Islands, U.S. state, commonwealth, territory, or foreign county) was asked, as well as the place (city, town, or village). If the person's employer operated in more than one location, the location or branch where the respondent worked was requested.

Limitation of the data. The data on place of work relate to a reference week; that is, the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents because the enumeration was not completed in 1 week.

However, for the majority of people, the reference week for Census 2000 is the week ending with April 1, 2000. The lack of a uniform reference week means that the place-of-work data reported in Census 2000 do not exactly match the distribution of workplace locations observed or measured during an actual work week.

The place-of-work data are estimates of people 16 years old and over who were both employed and at work during the reference week (including people in the armed forces). People who did not work during the reference week but had jobs or businesses from which they were temporarily

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absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons are not included in the place-of-work data. Therefore, the data on place of work understate the total number of jobs or total employment in a geographic area during the reference week. It also should be noted that people who had irregular, casual, or unstructured jobs during the reference week may have erroneously reported themselves as not working.

The location where the individual worked most often during the reference week was recorded on the Census 2000 questionnaire. If a worker held two jobs, only data about the primary job (the one worked the greatest number of hours during the preceding week) was requested. People who regularly worked in several locations during the reference week were requested to give the address at which they began work each day. For cases in which daily work was not begun at a central place each day, the person was asked to provide as much information as possible to describe the area in which he or she worked most during the reference week.

Comparability. The wording of the question on place of work was substantially the same in Census 2000 as the 1990 census.

For Census 2000 and the 1990 census, when place of work was not reported or the response was incomplete, a work location was allocated to the person based on their means of transportation to work, travel time to work, industry, and location of residence and workplace of others.

Means of Transportation to Work

The data on means of transportation to work were derived from answers to questionnaire Item 24a, which was asked of the population 15 years old and over. This question was asked of people who indicated in Question 22 that they worked at some time during the reference week. (For more information, see "Reference Week.") Means of transportation to work refers to the principal mode of travel or type of conveyance that the worker usually used to get from home to work during the reference week. Data were tabulated for workers 16 years old and over; that is, members of the armed forces and civilians who were at work during the reference week.

People who used different means of transportation on different days of the week were asked to specify the one they used most often, that is, the greatest number of days. People who used more than one means of transportation to get to work each day were asked to report the one used for the longest distance during the work trip. The category "Car, truck, or van — drove alone" includes people who usually drove alone to work, as well as people who were driven to work by someone who then drove back home or to a nonwork destination during the reference week. The category "Car, truck, or van — carpooled" includes workers who reported that two or more people usually rode to work in the vehicle during the reference week. The category "Public transportation" includes workers who usually used a bus, taxicab, safari or taxi bus, ferryboat, or water taxi during the reference week. The category "Other means" includes workers who used a mode of travel that is not identified separately. The category "Other means" may vary from table to table, depending on the amount of detail shown in a particular distribution.

The means of transportation data for some areas may show workers using modes of public transportation that are not available in those areas (for example, water taxi riders in an area where there actually is no water taxi service). This result is largely due to people who worked during the reference week at a location that was different from their usual place of work (such as people away from home on business in an area where water taxi service was available) and people who used more than one means of transportation each day but whose principal means was unavailable where they lived (for example, residents of areas who drove to a location and took the ferryboat most of the distance to work).

Private Vehicle Occupancy

The data on private vehicle occupancy were derived from answers to questionnaire Item 24b, which was asked of the population 15 years old and over. This question was asked of people who indicated in Question 22 that they worked at some time during the reference week and who

reported in Question 24a that their means of transportation to work was "Car, truck, or van." (For more information, see "Reference Week.") Data were tabulated for workers 16 years old and over; that is, members of the armed forces and civilians who were at work during the reference week.

Private vehicle occupancy refers to the number of people who usually rode to work in the vehicle during the reference week. The category "Drove alone," includes people who usually drove alone to work as well as people who were driven to work by someone who then drove back home or to a nonwork destination. The category "Carpooled," includes workers who reported that two or more people usually rode to work in the vehicle during the reference week.

Workers per car, truck, or van. This is obtained by dividing the number of people who reported using a car, truck, or van to get to work by the number of such vehicles that they used. The number of vehicles used is derived by counting each person who drove alone as one vehicle, each person who reported being in a 2-person carpool as one-half of a vehicle, each person who reported being in a three-person carpool as one-third of a vehicle, and so on, and then summing all the vehicles. Workers per car, truck, or van is rounded to the nearest hundredth.

Time Leaving Home to Go to Work

The data on time leaving home to go to work were derived from answers to questionnaire Item 25a, which was asked of the population 15 years old and over. This question was asked of people who indicated in Question 22 that they worked at some time during the reference week and who reported in Question 24a that they worked outside their home. The departure time refers to the time of day that the person usually left home to go to work during the reference week. (For more information, see "Reference Week.") Data were tabulated for workers 16 years old and over; that is, members of the armed forces and civilians who were at work during the reference week.

Travel Time to Work

The data on travel time to work were derived from answers to questionnaire Item 25b, which was asked of the population 15 years old and over. This question was asked of people who indicated in Question 22 that they worked at some time during the reference week and who reported in Question 24a that they worked outside their home. Travel time to work refers to the total number of minutes that it usually took the person to get from home to work each day during the reference week. The elapsed time includes time spent waiting for public transportation, picking up passengers in carpools, and time spent in other activities related to getting to work. (For more information, see "Reference Week.") Data were tabulated for workers 16 years old and over; that is, members of the armed forces and civilians who were at work during the reference week.

Aggregate travel time to work (minutes). Aggregate travel time to work (minutes) is calculated by adding together all the number of minutes each worker traveled to work (one way) for specified travel times and/or means of transportation. Aggregate travel time to work is zero if the aggregate is zero, is rounded to 4 minutes if the actual aggregate is 1 to 7 minutes, and is rounded to the nearest multiple of 5 minutes for all other values (if the aggregate is not already evenly divisible by 5). (For more information, see "Aggregate" under "Derived Measures.")

Mean travel time to work (minutes). Mean travel time to work is the average travel time in minutes that workers usually took to get from home to work (one way) during the reference week. This measure is obtained by dividing the total number of minutes taken to get from home to work by the number of workers 16 years old and over who did not work at home. The travel time includes time spent waiting for public transportation, picking up passengers in carpools, and time spent in other activities related to getting to work. Mean travel times of workers having specific characteristics also are computed. For example, the mean travel time of workers traveling 45 or more minutes is computed by dividing the aggregate travel time of workers whose travel time was 45 or more minutes by the number of workers whose travel time was 45 or more minutes. Mean travel time to work is rounded to the nearest tenth. (For more information on means, see "Derived Measures.")

LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH

Language Spoken at Home

Data on language spoken at home were derived from answers to questionnaire Items 10a and 10b. Data were edited to include in tabulations only the population 5 years old and over. Questions 10a and 10b referred to languages spoken at home in an effort to measure the current use of languages other than English. People who knew languages other than English but did not use them at home or who only used them elsewhere were excluded. Most people who reported speaking a language other than English at home also speak English. The questions did not permit determination of the primary or dominant language of people who spoke both English and another language. (For more information, see discussion below on "Ability to Speak English.")

The respondent was asked to mark "Yes" in question 10a if the person sometimes or always spoke a language other than English at home. People who spoke only English at home were instructed to answer "No" and to skip the remaining language questions.

For people who indicated that they spoke a language other than English at home in Question 10a, but failed to specify the name of the language in Question 10b, the language was assigned based on the language of other speakers in the household, on the language of a person of the same Spanish origin or detailed race group. People for whom a language other than English was entered in Question 10b, and for whom Question 10a was blank were assumed to speak that other language at home.

The responses to Question 10b (specific language spoken) were written in on the questionnaire and later given a three-digit code using a detailed list of languages which distinguished more than 380 languages or language groups in a separate clerical coding operation. The same list was used for the 1980 and 1990 censuses. If the respondent listed more than one non-English language, only the first was coded.

The write-in responses represented the names people used for languages they speak. They may not match the names or categories used by linguists. The sets of categories used are sometimes geographic and sometimes linguistic. For the Virgin Islands, several general categories of languages were used:

- Asian and Pacific Island languages include Chinese, Japanese, Korean, languages of Southeast Asia such as Vietnamese and Thai, Dravidian languages of India, the Turkic languages, Philippine, Micronesian and Polynesian languages.

- Indo-European languages include Romance (including French, Patois, French Creole, Italian, Spanish, and Portuguese), Germanic (including German, Dutch, and Danish), Slavic (including Russian, Czech, and Polish), and Iranian and Indic languages of India (including Hindi, Sindhi, and Urdu). When "French or French Creole" is shown separately, it includes French, Patois, French Creole, and Haitian Creole.

- Other languages include languages of the Middle East and Africa (including Arabic and Hebrew), and other languages of the Americas (American Indian and Alaska Native languages).

Household language. In households where one or more people (5 years old and over) speak a language other than English, the household language assigned to all household members is the non-English language spoken by the first person with a non-English language in the following order: householder, spouse, parent, sibling, child, grandchild, in-laws, other relatives, stepchild, unmarried partner, housemate or roommate, and other nonrelatives. Thus, a person who speaks only English may have a non-English household language assigned to him/her in tabulations of individuals by household language.

Limitation of the data. Some people who speak a language other than English at home may have first learned that language at school. However, these people would be expected to indicate that they spoke English "Very well." People who speak a language other than English, but do not do so at home, should have been reported as not speaking a language other than English at home.

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The extreme detail in which language names were coded may give a false impression of the linguistic precision of these data. The names used by speakers of a language to identify it may reflect ethnic, geographic, or political affiliations and do not necessarily respect linguistic distinctions. The categories shown in the tabulations were chosen on a number of criteria, such as information about the number of speakers of each language that might be expected in the Virgin Islands.

Comparability. The language questions are comparable to those asked in the 1990 and 1980 censuses. The language categories shown in the tabulations are slightly different from earlier censuses.

Ability to Speak English

Data on ability to speak English were derived from the answers to questionnaire Item 10c. Respondents who reported that they spoke a language other than English in questionnaire Item 10a were asked to indicate their ability to speak English in one of the following categories: "Very well," "Well," "Not well," or "Not at all."

The data on ability to speak English represent the person's own perception about his or her own ability or, because census questionnaires are usually completed by one household member, the responses may represent the perception of another household member. Respondents were not instructed on how to interpret the response categories in Question 10c.

People who reported that they spoke a language other than English at home, but whose ability to speak English was not reported, were assigned the English-language ability of a randomly selected person of the same age, Hispanic origin, nativity and year of entry, and language group.

Linguistic isolation. A household in which no person 14 years old and over speaks only English and no person 14 years old and over who speaks a language other than English speaks English "Very well" is classified as "linguistically isolated." In other words, a household in which all members 14 years old and over speak a non-English language and also speak English less than "Very well" (have difficulty with English) is "linguistically isolated." All the members of a linguistically isolated household are tabulated as linguistically isolated, including members under 14 years old who may speak only English.

Comparability. The current question on ability to speak English was asked for the first time in 1980. In tabulations from 1980, the categories "Very well" and "Well" were combined. Data from other surveys suggested a major difference between the category "Very well" and the remaining categories. In some tabulations showing ability to speak English, people who reported that they spoke English "Very well" are presented separately from people who reported their ability to speak English as less than "Very well."

MARITAL STATUS

The data on marital status were derived from answers to questionnaire Item 7. The marital status classification refers to the status at the time of enumeration. Data on marital status are tabulated only for the population 15 years old and over.

Each person was asked whether they were "Now married," "Widowed," "Divorced," "Separated," or "Never married." Couples who live together (for example, people in common-law marriages) were able to report the marital status they considered to be the most appropriate.

Never married. Never married includes all people who have never been married, including people whose only marriage(s) was annulled.

Ever married. Ever married includes people married at the time of enumeration, along with those who are separated, widowed, or divorced.

Now married, except separated. Now married, except separated includes people whose current marriage has not ended through widowhood or divorce; or who are not currently separated. The category also may include people in common-law marriages if they consider this category the most appropriate. In certain tabulations, currently married people are further classified as "spouse present" or "spouse absent."

Separated. Separated includes people with legal separations, people living apart with intentions of obtaining a divorce, and people who are permanently or temporarily separated because of marital discord.

Widowed. This category includes widows and widowers who have not remarried.

Divorced. This category includes people who are legally divorced and who have not remarried.

Now married. All people whose current marriage has not ended by widowhood or divorce. This category includes people defined above as "separated."

Spouse present. Married people whose wives or husbands were enumerated as members of the same household or the same group quarters facility, including those whose spouses may have been temporarily absent for such reasons as travel or hospitalization.

Spouse absent. Married people whose wives or husbands were not enumerated as members of the same household or the same group quarters facility.

Separated. Defined above.

Spouse absent, other. Married people whose wives or husbands were not enumerated as members of the same household, excluding separated. For example, this includes any person whose spouse was employed and living away from home, in an institution, or away in the armed forces.

Differences between the number of currently married males and the number of currently married females occur because of reporting differences and because some husbands and wives have their usual residence in different areas. These differences also can occur because different weights are applied to the individual's data. Any differences between the number of "now married, spouse present" males and females are due solely to sample weighting procedures. By definition, the numbers would be the same.

Comparability. Census 2000 marital status definitions are the same as those used in 1990. A general marital status question has been asked in every census since 1930.

PLACE OF BIRTH

The data on place of birth were derived from answers to questionnaire Item 11. Mother's place of birth and father's place of birth were derived from answers to questions 14a and 14b. Each place of birth question asked to report St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country where they or their parents were born. People not reporting a place of birth were assigned the birthplace of another family member or were imputed the response of another person with similar characteristics. People born outside the area were asked to report their place of birth according to current international boundaries. Since numerous changes in boundaries of foreign countries have occurred in the last century, some people may have reported their place of birth in terms of boundaries that existed at the time of their birth or emigration, or in accordance with their own national preference.

Nativity. Information on place of birth and citizenship status was used to classify the population into two major categories: native and foreign born. (See "Native" and "Foreign Born" under "Citizenship Status.")

Comparability. Similar data were shown in tabulations for the 1990 census.

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POVERTY STATUS IN 1999

The poverty data were derived from answers questionnaire Items 32 and 33, the same questions used to derive income data. (For more information, see "Income in 1999.") The Census Bureau uses the federal government's official poverty definition. The Social Security Administration (SSA) developed the original poverty definition in 1964, which federal interagency committees subsequently revised in 1969 and 1980. The Office of Management and Budget's (OMB's) *Directive 14* prescribes this definition as the official poverty measure for federal agencies to use in their *statistical* work.

Derivation of the Current Poverty Measure

When the Social Security Administration (SSA) created the poverty definition in 1964, it focused on family food consumption. The U.S. Department of Agriculture (USDA) used its data about the nutritional needs of children and adults to construct food plans for families. Within each food plan, dollar amounts varied according to the total number of people in the family and the family's composition, such as the number of children within each family. The cheapest of these plans, the Economy Food Plan, was designed to address the dietary needs of families on an austere budget.

Since the USDA's 1955 Food Consumption Survey showed that families of three or more people across all income levels spent roughly one-third of their income on food, the SSA multiplied the cost of the Economy Food Plan by three to obtain dollar figures for the poverty thresholds. Since the Economy Food Plan budgets varied by family size and composition, so too did the poverty thresholds. For 2-person families, the thresholds were adjusted by slightly higher factors because those households had higher fixed costs. Thresholds for unrelated individuals were calculated as a fixed proportion of the corresponding thresholds for 2-person families.

The poverty thresholds are revised annually to allow for changes in the cost of living as reflected in the Consumer Price Index (CPI-U). The poverty thresholds are the same for all parts of the country — they are not adjusted for regional, state or local variations in the cost of living. For a detailed discussion of the poverty definition, see U.S. Census Bureau, Current Population Reports, *"Poverty in the United States: 1999,"* P-60-210.

How Poverty Status is Determined

The poverty status of families and unrelated individuals in 1999 was determined using 48 thresholds (income cutoffs) arranged in a two dimensional matrix. The matrix consists of family size (from 1 person to 9 or more people) cross-classified by presence and number of family members under 18 years old (from no children present to 8 or more children present). Unrelated individuals and 2-person families were further differentiated by the age of the reference person (RP) (under 65 years old and 65 years old and over).

To determine a person's poverty status, one compares the person's total family income with the poverty threshold appropriate for that person's family size and composition (see table below). If the total income of that person's family is less than the threshold appropriate for that family, then the person is considered poor, together with every member of his or her family. If a person is not living with anyone related by birth, marriage, or adoption, then the person's own income is compared with his or her poverty threshold.

Weighted average thresholds. Even though the official poverty data are based on the 48 thresholds arranged by family size and number of children within the family, data users often want to get an idea of the "average" threshold for a given family size. The weighted average thresholds provide that summary. They are weighted averages because for any given family size, families with a certain number of children may be more or less common than families with a different number of children. In other words, among 3-person families, there are more families with two adults and one child than families with three adults. To get the weighted average threshold for families of a particular size, multiply each threshold by the number of families for whom that threshold applies; then add up those products, and divide by the total number of families who are of that family size.

For example, for 3-person families, 1999 weighted thresholds were calculated in the following way using information from the 2000 Current Population Survey:

Family type	Number of families		Threshold		
No children (three adults)	5,213	*	$13,032	=	$67,935,816
One child (two adults)	8,208	*	$13,410	=	$110,069,280
Two children (one adult)	2,656	*	$13,423	=	$35,651,488
Totals	16,077				$213,656,584

   Source: Current Population Survey, March 2000.

Dividing $213,656,584 by 16,077 (the total number of 3-person families) yields $13,290, the weighted average threshold for 3-person families. Please note that the thresholds are weighted not just by the number of poor families, but by all families for which the thresholds apply: the thresholds are used to determine which families are *at* or *above* poverty, as well as below poverty.

Individuals for whom poverty status is determined. Poverty status was determined for all people except institutionalized people, people in military group quarters, people in college dormitories, and unrelated individuals under 15 years old. These groups also were excluded from the numerator and denominator when calculating poverty rates. They are considered neither "poor" nor "nonpoor."

Specified poverty levels. For various reasons, the official poverty definition does not satisfy all the needs of data users. Therefore, some of the data reflect the number of people below different percentages of the poverty level. These specified poverty levels are obtained by multiplying the official thresholds by the appropriate factor. For example, the average income cutoff at 125 percent of the poverty level was $21,286 ($17,029 x 1.25) in 1999 for family of four people.

Poverty Threshold in 1999, by Size of Family and Number of Related Children Under 18 Years Old

(Dollars)

Size of family unit	Weighted average threshold	Related children under 18 years old								
		None	One	Two	Three	Four	Five	Six	Seven	Eight or more
One person (unrelated individual)	8501									
Under 65 years old	8667	8667								
65 years and over old and over	7990	7990								
Two people	10869									
Householder under 65 years old	11214	11156	11483							
Householder 65 years old and over	10075	10070	11440							
Three people	13290	13032	13410	13423						
Four people	17029	17184	17465	16895	16954					
Five people	20127	20723	21024	20380	19882	19578				
Six people	22727	23835	23930	23436	22964	22261	21845			
Seven people	25912	27425	27596	27006	26595	25828	24934	23953		
Eight people	28967	30673	30944	30387	29899	29206	28327	27412	27180	
Nine people or more	34417	36897	37076	36583	36169	35489	34554	33708	33499	32208

Income deficit. Income deficit represents the difference between the total income of families and unrelated individuals below the poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars and for such cases the deficit is equal to the poverty threshold.

This measure provides an estimate of the amount which would be required to raise the incomes of all poor families and unrelated individuals to their respective poverty thresholds. The income deficit is thus a measure of the degree of the impoverishment of a family or unrelated individual.

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However, please use caution when comparing the average deficits of families with different characteristics. Apparent differences in average income deficits may, to some extent, be a function of differences in family size.

Aggregate income deficit. Aggregate income deficit refers only to those families or unrelated individuals who are classified as below the poverty level. It is defined as the group (e.g., type of family) sum total of differences between the appropriate threshold and total family income or total personal income. Aggregate income deficit is subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Aggregate" under "Derived Measures.")

Mean income deficit. Mean income deficit represents the amount obtained by dividing the total income deficit for a group below the poverty level by the number of families (or unrelated individuals) in that group. (The aggregate used to calculate mean income deficit is rounded. For more information, see "Aggregate income deficit.") As mentioned above, please use caution when comparing mean income deficits of families with different characteristics, as apparent differences may to some extent be a function of differences in family size. Mean income deficit is rounded to the nearest whole dollar. (For more information on means, see "Derived Measures.")

Comparability. The poverty definition used in the 1980 census and later differed slightly from the one used in the 1970 census. Three technical modifications were made to the definition used in the 1970 census:

1. Beginning with the 1980 census, the Office of Management and Budget eliminated any distinction between thresholds for "families with a female householder with no husband present" and all other families. The new thresholds — which apply to all families regardless of the householder's sex — were a weighted average of the old thresholds.

2. The Office of Management and Budget eliminated any differences between farm families and nonfarm families, and farm and nonfarm unrelated individuals. In the 1970 census, the farm thresholds were 85 percent of those for nonfarm families; whereas, in 1980 and later, the same thresholds were applied to all families and unrelated individuals regardless of residence.

3. The thresholds by size of family were extended from seven or more people in 1970 to nine or more people in 1980 and later.

These changes resulted in a minimal increase in the number of poor at the national level. For a complete discussion of these modifications and their impact, see U.S. Census Bureau, Current Population Reports, ''*Characteristics of the Population Below the Poverty Level: 1980,*'' P-60, No. 133.

With respect to poverty, the population covered in the 1970 census was almost the same as that covered in the 1980 census and later. The only difference was that in 1980 and after, unrelated individuals under 15 years old were excluded from the poverty universe, while in 1970, only those under age 14 were excluded. The limited poverty data from the 1960 census excluded all people in group quarters and included all unrelated individuals regardless of age. It was unlikely that these differences in population coverage would have had significant impact when comparing the poverty data for people since the 1960 census.

Household poverty data. Poverty status is not defined for households — only for families and unrelated individuals. Because some data users need poverty data at the household level, we have provided a few matrices that show tallies of households by the poverty status of the householder. In these matrices, the householder's poverty status is computed exactly the same way as described above. Therefore, to determine whether or not a "household" was in poverty, anyone who is not related to the householder is ignored.

Example #1: Household #1 has six members — a married couple, Alice and Albert, with their 10-year-old nephew, Aaron, and another married couple, Brian and Beatrice, with their 6-year-old son, Ben. Alice is the householder. Brian, Beatrice, and Ben are not related to Alice.

Household member	Relationship to Alice	Income
Alice	self (householder)	$5,000
Albert	spouse	$40,000
Aaron	related child	$0
Brian	unrelated individual	$0
Beatrice	unrelated individual	$5,000
Ben	unrelated individual	$0

The total income of Alice's family is $45,000, and their poverty threshold is $13,410, since there are three people in the family, with one member under age 18. Their income is greater than their threshold, so they are not classified as poor. Their ratio of income to poverty is 3.36 ($45,000 divided by $13,410). Alice's income-to-poverty ratio is also 3.36, because everyone in the same family has the same poverty status.

Even though Brian, Beatrice and Ben would be classified as poor if they lived in their own household, the household is not classified as poor because the householder, Alice, is not poor, as was shown in the computation above.

Example #2: Household #2 consists of four adults, Claude, Danielle, Emily, and Francis, who are unrelated to each other and are living as housemates. Claude, who is age 30, is the householder.

Household member	Relationship to Claude	Income
Claude	self (householder)	$4,500
Danielle	unrelated individual	$82,000
Emily	unrelated individual	$28,000
Francis	unrelated individual	$40,000

Because Claude is under age 65 and is not living with any family members, his poverty threshold is $8,667. Since his income, $4,500, is less than his threshold, he is considered poor. His ratio of income to poverty is 0.52 ($4,500 divided by $8,667).

Household #2 would be classified as poor because its householder, Claude, is poor, even though the other household members (who are not related to Claude) are not in poverty.

RACE

The data on race were derived from answers to questionnaire Item 6. The concept of race, as used by the Census Bureau, reflects self-identification by people according to the race or races with which they most closely identify. These categories are socio-political constructs and should not be interpreted as being scientific or anthropological in nature. Furthermore, the race categories include both racial and national-origin groups.

The racial classifications used by the Census Bureau adhere to the October 30, 1997, Federal Register Notice entitled, *"Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity,"* issued by the Office of Management and Budget (OMB). These standards govern the categories used to collect and present federal data on race and ethnicity. The OMB requires five minimum categories (White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander) for race. The race categories are described below with a sixth category, "Some other race," added with OMB approval. In addition to the five race groups, the OMB also states that respondents should be offered the option of selecting one or more races.

If an individual did not provide a race response, the race or races of the householder or other household members were assigned using specific rules of precedence of household relationship. For example, if race was missing for a natural-born child in the household, then either the race or

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races of the householder, another natural-born child, or the spouse of the householder were assigned. If race was not reported for anyone in the household, the race or races of a householder in a previously processed household were assigned. This procedure is a variation of the general imputation procedures described in "Accuracy of the Data."

White. A person having origins in any of the original peoples of Europe, the Middle East, or North Africa. It includes people who indicate their race as "White" or report entries such as Irish, German, Italian, Lebanese, Near Easterner, Arab, or Polish.

Black or African American. A person having origins in any of the Black racial groups of Africa. It includes people who indicate their race as "Black, African Am., or Negro," or provide written entries such as African American, Afro-American, Kenyan, Nigerian, or Haitian.

American Indian or Alaska Native. A person having origins in any of the original peoples of North and South America (including Central America) and who maintain tribal affiliation or community attachment. It includes people who classified themselves as described below.

American Indian. This category includes people who indicated their race as "American Indian," entered the name of an Indian tribe, or reported such entries as Canadian Indian, French American Indian, or Spanish American Indian.

> *American Indian tribe.* Respondents who identified themselves as American Indian were asked to report their enrolled or principal tribe. Therefore, tribal data in tabulations reflect the written entries reported on the questionnaires. Some of the entries (for example, Iroquois, Sioux, Colorado River, and Flathead) represent nations or reservations. The information on tribe is based on self-identification and therefore does not reflect any designation of federally or state-recognized tribe. Information on American Indian tribes is presented in summary files. The information for Census 2000 is derived from the American Indian Tribal Classification List for the 1990 census that was updated based on a December 1997, Federal Register Notice, entitled "*Indian Entities Recognized and Eligible to Receive Service From the United States Bureau of Indian Affairs,*" Department of the Interior, Bureau of Indian Affairs, issued by the Office of Management and Budget.

Alaska Native. This category includes written responses of Eskimos, Aleuts, and Alaska Indians as well as entries such as Arctic Slope, Inupiat, Yupik, Alutiiq, Egegik, and Pribilovian. The Alaska tribes are the Alaskan Athabascan, Tlingit, and Haida. The information for Census 2000 is based on the American Indian Tribal Classification List for the 1990 census, which was expanded to list the individual Alaska Native Villages when provided as a written response for race.

Asian. A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. It includes "Asian Indian," "Chinese," "Filipino," "Korean," "Japanese," "Vietnamese," and "Other Asian."

Asian Indian. This category includes people who indicated their race as "Asian Indian" or identified themselves as Bengalese, Bharat, Dravidian, East Indian, or Goanese.

Chinese. This category includes people who indicate their race as "Chinese" or who identify themselves as Cantonese, or Chinese American. In some census tabulations, written entries of Taiwanese are included with Chinese while in others they are shown separately.

Filipino. This category includes people who indicate their race as "Filipino" or who report entries such as Philipino, Philipine, or Filipino American.

Japanese. This category includes people who indicate their race as "Japanese" or who report entries such as Nipponese or Japanese American.

Korean. This category includes people who indicate their race as "Korean" or who provide a response of Korean American.

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Vietnamese. This category includes people who indicate their race as "Vietnamese" or who provide a response of Vietnamese American.

Cambodian. This category includes people who provide a response such as Cambodian or Cambodia.

Hmong. This category includes people who provide a response such as Hmong, Laohmong, or Mong.

Laotian. This category includes people who provide a response such as Laotian, Laos, or Lao.

Thai. This category includes people who provide a response such as Thai, Thailand, or Siamese.

Other Asian. This category includes people who provide a response of Bangladeshi; Bhutanese; Burmese; Indochinese; Indonesian; Iwo Jiman; Madagascar; Malaysian; Maldivian; Nepalese; Okinawan; Pakistani; Singaporean; Sri Lankan; or Other Asian, specified and Other Asian, not specified.

Native Hawaiian or Other Pacific Islander. A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. It includes people who indicate their race as "Native Hawaiian," "Guamanian or Chamorro," "Samoan," and "Other Pacific Islander."

Native Hawaiian. This category includes people who indicate their race as "Native Hawaiian" or who identify themselves as "Part Hawaiian" or "Hawaiian."

Guamanian or Chamorro. This category includes people who indicate their race as such, including written entries of Guam or Chamorro.

Samoan. This category includes people who indicate their race as "Samoan" or who identify themselves as American Samoan or Western Samoan.

Other Pacific Islander. This category includes people who provide a write-in response of a Pacific Islander group such as Carolinian; Chuukese (Trukese); Fijian; Kosraean; Melanesian; Micronesian; Northern Mariana Islander; Palauan; Papua New Guinean; Pohnpeian; Polynesian; Solomon Islander; Tahitian; Tokelauan; Tongan; Yapese; or Other Pacific Islander, specified and Other Pacific Islander, not specified.

Some other race. This category includes all other responses not included in the "White," "Black or African American," "American Indian or Alaska Native," "Asian," and "Native Hawaiian or Other Pacific Islander" race categories described above. Respondents providing write-in entries such as multiracial, mixed, interracial, or a Hispanic/Latino group (for example, Mexican, Puerto Rican, or Cuban) in the "Some other race" write-in space are included in this category.

Two or more races. People may have chosen to provide two or more races either by checking two or more race response check boxes, by providing multiple write-in responses, or by some combination of check boxes and write-in responses. The race response categories shown on the questionnaire are collapsed into the five minimum races identified by the OMB, and the Census Bureau "Some other race" category. For data product purposes, "Two or more races" refers to combinations of two or more of the following race categories:

1.   White
2.   Black or African American
3.   American Indian and Alaska Native
4.   Asian
5.   Native Hawaiian and Other Pacific Islander
6.   Some other race

There are 57 possible combinations (see below) involving the race categories shown above. Thus, according to this approach, a response of "White" and "Asian" was tallied as two or more races, while a response of "Japanese" and "Chinese" was not because "Japanese" and "Chinese" are both

Asian responses. Tabulations of responses involving reporting of two or more races within the American Indian and Alaska Native, Asian, or Native Hawaiian and Other Pacific Islander categories are available in other data products.

Two or More Races (57 Possible Specified Combinations)

1.   White; Black or African American
2.   White; American Indian and Alaska Native
3.   White; Asian
4.   White; Native Hawaiian and Other Pacific Islander
5.   White; Some other race
6.   Black or African American; American Indian and Alaska Native
7.   Black or African American; Asian
8.   Black or African American; Native Hawaiian and Other Pacific Islander
9.   Black or African American; Some other race
10.   American Indian and Alaska Native; Asian
11.   American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander
12.   American Indian and Alaska Native; Some other race
13.   Asian; Native Hawaiian and Other Pacific Islander
14.   Asian; Some other race
15.   Native Hawaiian and Other Pacific Islander; Some other race
16.   White; Black or African American; American Indian and Alaska Native
17.   White; Black or African American; Asian
18.   White; Black or African American; Native Hawaiian and Other Pacific Islander
19.   White; Black or African American; Some other race
20.   White; American Indian and Alaska Native; Asian
21.   White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander
22.   White; American Indian and Alaska Native; Some other race
23.   White; Asian; Native Hawaiian and Other Pacific Islander
24.   White; Asian; Some other race
25.   White; Native Hawaiian and Other Pacific Islander; Some other race
26.   Black or African American; American Indian and Alaska Native; Asian
27.   Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander
28.   Black or African American; American Indian and Alaska Native; Some other race
29.   Black or African American; Asian; Native Hawaiian and Other Pacific Islander
30.   Black or African American; Asian; Some other race
31.   Black or African American; Native Hawaiian and Other Pacific Islander; Some other race
32.   American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander
33.   American Indian and Alaska Native; Asian; Some other race
34.   American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some other race
35.   Asian; Native Hawaiian and Other Pacific Islander; Some other race
36.   White; Black or African American; American Indian and Alaska Native; Asian
37.   White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander
38.   White; Black or African American; American Indian and Alaska Native; Some other race
39.   White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander
40.   White; Black or African American; Asian; Some other race
41.   White; Black or African American; Native Hawaiian and Other Pacific Islander; Some other race
42.   White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander
43.   White; American Indian and Alaska Native; Asian; Some other race
44.   White; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some other race
45.   White; Asian; Native Hawaiian and Other Pacific Islander; Some other race

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Two or More Races (57 Possible Specified Combinations)—Con.

46. Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander
47. Black or African American; American Indian and Alaska Native; Asian; Some other race
48. Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some other race
49. Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some other race
50. American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race
51. White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander
52. White; Black or African American; American Indian and Alaska Native; Asian; Some other race
53. White; Black or African American; American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander; Some other race
54. White; Black or African American; Asian; Native Hawaiian and Other Pacific Islander; Some other race
55. White; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race
56. Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race
57. White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some other race

Given the many possible ways of displaying data on two or more races, data products will provide varying levels of detail. The most common presentation shows a single line indicating "Two or more races." Some data products provide totals of all 57 possible combinations of two or more races, as well as subtotals of people reporting a specific number of races, such as people reporting two races, people reporting three races, and so on.

In other presentations on race, data are shown for the total number of people who reported one of the six categories alone or in combination with one or more other race categories. For example, the category, "Asian alone or in combination with one or more other races" includes people who reported Asian alone and people who reported Asian in combination with White, Black or African American, Native Hawaiian and Other Pacific Islander, and Some other race. This number, therefore, represents the maximum number of people who reported as Asian in the question on race. When this data presentation is used, the individual race categories will add to more than the total population because people may be included in more than one category.

Coding of race write-in responses. During processing of Census 2000 questionnaires, clerks reviewed and coded write-in entries from the response categories on the race question: American Indian or Alaska Native, Other Asian, Other Pacific Islander, and Some other race. Write-in responses such as Laotian or Thai and Guamanian or Tongan were reviewed and coded, and tabulated as "Other Asian" and "Other Pacific Islander," respectively, in the census. Responses were coded by a procedure that allowed for identification of two responses per write-in area. Respondents entering a write-in response had their individual entries coded and classified to the appropriate race regardless of whether they filled a checkbox.

Comparability. The data on race in Census 2000 are not directly comparable to those collected in previous censuses. The October 1997 revised standards issued by the OMB led to changes in the question on race for Census 2000. The Census 2000 Dress Rehearsal data were the first to reflect these changes. First, respondents were allowed to select more than one category for race. Second, the sequence of the questions on race and Hispanic origin changed. In 1990, the question on race (Item 4) preceded the question on Hispanic origin (Item 7) with two intervening questions. For Census 2000, the question on race immediately follows the question on Hispanic origin.

Third, there were terminology changes to the response categories, such as spelling out "American" instead of "Amer." for the American Indian or Alaska Native category; and adding "Native" to the Hawaiian response category. The 1990 category, "Other race," was renamed "Some other race." Other differences that may affect comparability involve the individual categories on the Census 2000 questionnaire. The 1990 category, "Asian and Pacific Islander," was separated into two categories, "Asian" and "Native Hawaiian and Other Pacific Islander" for Census 2000. Accordingly, on the Census 2000 questionnaire, there were seven Asian categories and four Native Hawaiian and Other Pacific Islander categories. The two residual categories, "Other Asian" and "Other Pacific Islander," replaced the 1990 single category "Other API." The 1990 categories, "American Indian," "Eskimo," and "Aleut," were combined into "American Indian and Alaska Native." American Indians and Alaska Natives can report one or more tribes.

As in 1980 and 1990, people who reported a Hispanic or Latino ethnicity in the question on race and did not mark a specific race category were classified in the "Some other race" category ("Other" in 1980 and "Other race" in 1990). They commonly provided a write-in entry such as Mexican, Puerto Rican, or Latino. In the 1970 census, most of these responses were included in the "White" category. In addition, some ethnic entries that in 1990 may have been coded as White or Black are now shown in the "Some other race" group.

REFERENCE WEEK

The data on employment status and commuting to work are related to a 1-week time period, known as the reference week. For each person, this week is the full calendar week, Sunday through Saturday, preceding the date the questionnaire was completed. This calendar week is not the same for all people since the enumeration was not completed in 1 week. The occurrence of holidays during the enumeration period probably had no effect on the overall measurement of employment status.

RESIDENCE 5 YEARS AGO

The data on residence 5 years ago were derived from answers to questionnaire Item 15b, which was asked of the population five years old and over. This question asked to report St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country of residence on April 1, 1995, for those people who reported in question 15a that they lived in a different house than their current residence. People living in the U.S. Virgin Islands were also asked to report the name of the city, town, or village in which they lived 5 years earlier.

When no information on previous residence was reported for a person, information for other family members, if available, was used to assign a location of residence in 1995. All cases of nonresponse or incomplete response that were not assigned a previous residence based on information from other family members were imputed the previous residence of another person with similar characteristics who provided complete information on residence 5 years earlier.

The tabulation category, "Same house," includes all people 5 years old and over who did not move during the 5 years as well as those who had moved but by Census Day had returned to their 1995 residence. The category, "Different house," includes people who lived in the U.S. Virgin Islands 5 years earlier but lived in a different house or apartment from the one they occupied on Census Day. These movers are then further subdivided according to the type of move.

In most tabulations, movers within the U.S. Virgin Islands are divided into three groups according to their previous residence: "Different house, same island," "Different house, different island," and "Outside U.S. Virgin Islands." The last group may be further subdivided into "In the United States," "On another Caribbean Island," or "Elsewhere" in 1995. The "Elsewhere" category, includes those whose previous residence was in a foreign country, American Samoa, Guam, or the Commonwealth of the Northern Mariana Islands, including members of the armed forces and their dependents.

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The number of people who were living in a different house 5 years earlier is somewhat less than the total number of moves during the 5-year period. Some people in the same house at the two dates had moved during the 5-year period but by the time of the census had returned to their 1995 residence. Other people who were living in a different house had made one or more intermediate moves. For similar reasons, the number of people living in a different municipality, county, or district may be understated.

Comparability. Similar questions were asked for the 1990 census. In 1980, previous residence was not imputed for nonresponse. These people were shown in the category "Residence in 1975 not reported."

SCHOOL ENROLLMENT AND EMPLOYMENT STATUS

Tabulation of data on school enrollment, educational attainment, and employment status for the population 16 to 19 years old allows for calculating the proportion of people 16 to 19 years old who are not enrolled in school and not high school graduates ("dropouts") and an unemployment rate for the "dropout" population. Definitions of the three topics and descriptions of the census items from which they were derived are presented in "Educational Attainment," "Employment Status," and "School Enrollment and Type of School."

Comparability. The tabulation of school enrollment by employment status is similar to that published in 1980 and 1990 census reports. The 1980 census tabulation included a single data line for armed forces; school enrollment, educational attainment, and employment status data were shown for the civilian population only. In 1970, a tabulation was included for 16 to 21 year old males not attending school.

SCHOOL ENROLLMENT AND TYPE OF SCHOOL

Data on school enrollment were derived from answers to questionnaire Items 8a and 8b. People were classified as enrolled in school if they reported attending a "regular" public or private school or college at any time between February 1, 2000, and the time of enumeration. The question included instructions to "include only nursery school or preschool, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree" as regular school or college. Respondents who did not answer the enrollment question were assigned the enrollment status and type of school of a person with the same age, sex, and race/Hispanic or Latino origin whose residence was in the same or a nearby area.

Public and private school. Public and private school includes people who attended school in the reference period and indicated they were enrolled by marking one of the questionnaire categories for either "public school, public college" or "private school, private college." Schools supported and controlled primarily by a federal, state, or local government are defined as public. Those supported and controlled primarily by religious organizations or other private groups are private.

Comparability. School enrollment questions have been included in the decennial census of the Virgin Islands since 1930; highest grade attended was first asked in 1950 and type of school was first asked in 1970. In 1930, the reference period was "since Sept. 1, 1929." In 1940, the reference was to attendance in the month preceding the census, and in the 1950 and subsequent censuses, the question referred to attendance in the 2 months preceding the census date.

Enrollment in the 1930 census included attendance at a school or college of any kind. In 1940, vocational school, extension school, or night school were included if the school was part of the regular school system. In the 1950 instructions, the term "regular school" was introduced, and it was defined as schooling which "advances a person towards an elementary or high school diploma or a college, university, or professional school degree." Vocational, trade, or business schools were excluded unless they were graded and considered part of a regular school system. On-the-job training was excluded, as was nursery school and kindergarten. There has been very little change in the definition since, except the additions of kindergarten in 1960 and pre-kindergarten in 1970. In 1960, the question used the term "regular school or college."

Instruction by correspondence was excluded unless it was given by a regular school and counted towards promotion. In 1960, the question used the term "regular school or college" and a similar, though expanded, definition of "regular" was included in the instruction, which continued to exclude nursery school but included kindergarten. In the 1970 census, the questionnaire included instructions to "count nursery school, kindergarten, and schooling that leads to an elementary school certificate, high school diploma, or college degree."

The age range for which enrollment data have been obtained and published has varied over the censuses. Information on enrollment was recorded for people of all ages in the 1930 census; 5 to 24 years old in 1940; 5 to 29 years old in 1950; 5 to 34 years old in 1960; and 3 years old and over since 1970. Most of the published enrollment figures referred to people 5 to 20 years old in the 1930 census, 5 to 24 in 1940, 5 to 29 in 1950, 5 to 34 in 1960, 3 to 34 in 1970, and 3 years old and over in 1980 and later years. This growth in the age group whose enrollment was reported reflects increased interest in the number of children in preprimary schools and in the number of older people attending colleges and universities. In the 1950 and subsequent censuses, college students were enumerated where they lived while attending college; whereas, in earlier censuses, they generally were enumerated at their parental homes.

Type of school was first introduced in the 1970 census, where the type of school was incorporated into the "Yes" response categories for the enrollment question and the terms were changed to "public," "parochial," and "other private." In the 1980 census, "private, church related" and "private, not church related" replaced "parochial" and "other private." In 1990 and 2000, "public" and "private" were used. The instruction guide defined a public school as "any school or college controlled and supported by a local, county, state, or federal government." Schools supported and controlled primarily by religious organizations or other private groups were defined as private. In Census 2000, there was no separate instruction guide. The questionnaire reference book used by enumerators and telephone assistance staff contained these definitions for those who asked questions.

Data on school enrollment also were collected and published by other federal, state, and local government agencies. Where these data were obtained from administrative records of school systems and institutions of higher learning, they were only roughly comparable to data from population censuses and household surveys because of differences in definitions and concepts, subject matter covered, time references, and enumeration methods. At the local level, the difference between the location of the institution and the residence of the student may affect the comparability of census and administrative data. Differences between the boundaries of school districts and census geographic units may also affect these comparisons.

SEX

The data on sex were derived from answers to questionnaire Item 3. Individuals were asked to mark either "male" or "female" to indicate their sex. For most cases in which sex was not reported, it was determined from the person's given (i.e., first) name and household relationship. Otherwise, sex was imputed according to the relationship to the householder and the age of the person. (For more information on imputation, see "Accuracy of the Data.")

Sex ratio. A measure derived by dividing the total number of males by the total number of females, and then multiplying by 100. This measure is rounded to the nearest tenth.

Comparability. A question on the sex of individuals has been included in every census. Census 2000 was the first time that first name was used for imputation of cases where sex was not reported.

VETERAN STATUS

Data on veteran status, period of military service, and years of military service were derived from questionnaire Item 21, which was asked of the population 15 years old and over.

Veteran status. The data on veteran status were derived from answers to questionnaire Item 21a. For census data products, a "civilian veteran" is a person 18 years old and over who, at the time of the enumeration, had served on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard in the past (even for a short time), but was not then on active duty, or who had served in the Merchant Marine during World War II. People who had served in the National Guard or Military Reserves were classified as veterans only if they had ever been called or ordered to active duty, not counting the 4 to 6 months for initial training or yearly summer camps. All other civilians 18 years old and over were classified as nonveterans.

Period of military service. People who indicated in questionnaire Item 21a that they had served on active duty in the past (civilian veterans) or were on active duty at the time of enumeration were asked to indicate in Question 21b the period or periods in which they served. People who served in both wartime and peacetime periods are tabulated according to their wartime service.

The responses to the question about period of service were edited for consistency and reasonableness. The edit eliminated inconsistencies between reported period(s) of service and the age of the person; it also removed reported combinations of periods containing unreasonable gaps (for example, it did not accept a response that indicated that the person had served in World War II and in the Vietnam era, but not in the Korean conflict).

Years of military service. People who indicated in questionnaire Item 21a that they had served on active duty in the past (civilian veterans) or were on active duty at the time of enumeration were asked whether they had spent at least 2 years in total on active duty. The question asked for accumulated service (i.e., total service), which is not necessarily the same as continuous service. The years of military service question provides necessary information to estimate the number of veterans that are eligible to receive specific benefits.

Limitation of the data. There may be a tendency for the following kinds of people to report erroneously that they had served on active duty in the armed forces: (a) people who served in the National Guard or Military Reserves, but were never called to active duty; (b) civilian employees or volunteers for the USO, Red Cross, or the Department of Defense (or its predecessors, the Department of War and the Department of the Navy); and (c) employees of the Merchant Marine or Public Health Service. There is also the possibility that people may have misreported years of service in questionnaire Item 21c because of rounding errors (for example, people with 1 year 8 months of active duty military service may have mistakenly reported "2 years or more").

Comparability. Since census data on veterans are based on self-reported responses, they may differ from data from other sources, such as administrative records of the Department of Defense and/or the Department of Transportation. Census data also may differ from Department of Veterans Affairs' data on the benefits-eligible population, since criteria for determining eligibility for veterans' benefits differ from the rules for classifying veterans in the census.

The questions and concepts for veterans' data for Census 2000 were essentially the same as those used for the 1990 census, with the following exceptions: (1) the period of military service categories were updated; (2) in an effort to reduce reporting error, the format of the years of military service question was changed from an open-ended one (how many years has...served?) to a closed-ended one (the respondent checked either of two boxes: less than 2 years/2 years or more); and (3) persons with service during World War II in the Women's Air Forces Service Pilots organization were first counted as veterans in Census 2000, a development that should not appreciably affect 1990-2000 comparability. Both the 2000 and 1990 veteran-status questions represented expanded versions of the corresponding question in the 1980 census, which asked only whether the person was a veteran or not. The expansion was intended to clarify the appropriate response for persons currently in the armed forces and for persons whose only military service was for training in the Reserves or National Guard.

VOCATIONAL TRAINING

The data on vocational training were derived from responses to questionnaire item 9b. Vocational training is a school program designed to prepare a person for work in a specific occupational

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field. People were counted as having completed vocational training if they "completed the requirements for a vocational training program at a trade school, business school, hospital, some other kind of school for occupational training, or place of work."

People who completed a program were asked to report whether the training was in the area in which they lived, "No"; "Yes, in the U.S. Virgin Islands" or outside the area; "Yes, not in the U.S. Virgin Islands."

Comparability. The vocational training question is a new question for the U.S. Virgin Islands. The question was in the U.S. census in 1970 only. It has been asked in the Pacific Islands since 1970.

WORK STATUS IN 1999

The data on work status in 1999 were derived from answers to questionnaire Item 31a, which was asked of the population 15 years old and over. People 16 years old and over who worked 1 or more weeks according to the criteria described below are classified as "Worked in 1999." All other people 16 years old and over are classified as "Did not work in 1999." Some earnings tabulations showing work status in 1999 include 15 year olds; these people, by definition, are classified as "Did not work in 1999."

Weeks worked in 1999. The data on weeks worked in 1999 were derived from answers to questionnaire Item 31b, which was asked of people 15 years old and over who indicated in questionnaire Item 31a that they worked in 1999. The data were tabulated for people 16 years old and over and pertain to the number of weeks during 1999 in which a person did any work for pay or profit (or took paid vacation or paid sick leave) or worked without pay on a family farm or in a family business. Weeks on active duty in the armed forces also are included as weeks worked.

Median weeks worked in 1999. Median weeks worked in 1999 divides the weeks worked distribution into two equal parts: one-half of the cases falling below the median weeks worked and one-half above the median. Median weeks worked in 1999 is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median weeks worked is rounded to the nearest whole number. (For more information on medians, see "Derived Measures.")

Usual hours worked per week in 1999. The data on usual hours worked in 1999 were derived from answers to questionnaire Item 31c. This question was asked of people 15 years old and over who indicated that they worked in 1999 in Question 31a, and the data are tabulated for people 16 years old and over. The respondent was asked to report the number of hours usually worked during the weeks worked in 1999. If their hours varied considerably from week to week during 1999, the respondent was asked to report an approximate average of the hours worked each week. People 16 years old and over who reported that they usually worked 35 or more hours each week are classified as "Usually worked full time"; people who reported that they usually worked 1 to 34 hours each week are classified as "Usually worked part time."

Median usual hours worked per week in 1999. Median usual hours worked per week in 1999 divides the usual hours worked distribution into two equal parts: one-half of the cases falling below the median usual hours worked and one-half above the median. Median usual hours worked per week in 1999 is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median usual hours worked per week is rounded to the nearest whole hour. (For more information on medians, see "Derived Measures.")

Aggregate usual hours worked per week in 1999. The aggregate usual hours worked per week in 1999 is the number obtained by summing across the usual hours worked values of all people who worked in 1999. (Note that there is one usual hours value for each worker, so the number of items summed equals the number of workers.)

Mean usual hours worked per week in 1999. Mean usual hours worked per week is calculated by dividing the aggregate number of usual hours worked per week worked in 1999 by the total number of people who worked in 1999. Mean usual hours worked per week is rounded to the nearest tenth. (For more information on means, see "Derived Measures.")

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Full-time, year-round workers. Full-time, year-round workers consists of people 16 years old and over who usually worked 35 hours or more per week for 50 to 52 weeks in 1999. The term "worker" in these concepts refers to people classified as "Worked in 1999" as defined above. The term "worked" in these concepts means "worked one or more weeks in 1999" as defined above under 'Weeks Worked in 1999."

Limitation of the data. It is probable that data on the number of people who worked in 1999 and on the number of weeks worked are understated since there was probably a tendency for respondents to forget intermittent or short periods of employment or to exclude weeks worked without pay. There may also have been a tendency for people not to include weeks of paid vacation among their weeks worked, which would result in an underestimate of the number of people who worked "50 to 52 weeks."

Comparability. The data on weeks worked collected in Census 2000 are comparable with data from the 1960 to 1990 censuses, but may not be entirely comparable with data from the 1940 and 1950 censuses. Starting with the 1960 census, two separate questions have been used to obtain this information. The first identifies people with any work experience during the year and, thus, indicates those people for whom the question about number of weeks worked applies. In 1940 and 1950, the questionnaires contained only a single question on number of weeks worked. In 1970, people responded to the question on weeks worked by indicating one of six weeks-worked intervals. In 1980 and 1990, people were asked to enter the specific number of weeks they worked.

Worker. The terms "worker" and "work" appear in connection with several subjects: employment status, journey-to-work, class of worker, and work status in 1999. Their meaning varies and, therefore, should be determined by referring to the definition of the subject in which they appear. When used in the concepts "Workers in Family," "Workers in Family in 1999," and "Full-Time, Year-Round Workers," the term "worker" relates to the meaning of work defined for the "Work Status in 1999" subject.

YEAR OF ENTRY

The data on year of entry were derived from answers to questionnaire Item 13. All people born outside the U.S. Virgin Islands were asked for the year in which they came to live in the U.S. Virgin Islands, and if they entered more than once, to provide the year of their latest entry. This includes people born in Puerto Rico and other U.S. Island Areas (such as Guam); people born abroad of a U.S. parent(s); and the foreign born. (For more information, see "Place of Birth" and "Citizenship Status.")

Limitation of the data. The census questions on nativity, citizenship status, and year of entry were not comparable across enumerated areas (i.e., U.S. stateside, Puerto Rico, the U.S. Virgin Islands and other U.S. Island Areas). Instead of the phrase "to stay," the U.S. stateside and Puerto Rico employed the phrase "to live" to obtain the year in which the person became a resident of the area. Also, the U.S. Virgin Islands questionnaire instructed respondents to provide the latest year of entry if the person had entered the U.S. Virgin Islands more than once. These instructions were not included in the U.S. stateside or Puerto Rico questionnaires.

Comparability. Although the year of entry questions do not differ between the 1990 and 2000 censuses of the U.S. Virgin Islands, differences in response options do exist. The 1990 census used a multiple-choice format that offered 10 predetermined entry periods of various durations from which to choose. Census 2000, however, provided a write-in field limited to four spaces to represent the actual year of entry.

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HOUSING CHARACTERISTICS

Contact List: To obtain additional information on these and other Census 2000 subjects, see the list of *Census 2000 Contacts* on the Internet at http://www.census.gov/contacts/www/c-census2000.html.

LIVING QUARTERS

Living quarters are either housing units or group quarters. Living quarters are usually found in structures intended for residential use, but also may be found in structures intended for nonresidential use as well as in places such as tents, vans, and emergency and transitional shelters.

Housing unit. A housing unit may be a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or, if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live separately from any other individuals in the building and which have direct access from outside the building or through a common hall. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants.

Both occupied and vacant housing units are included in the housing unit inventory. Boats, recreational vehicles (RVs), vans, tents, and the like are housing units only if they are occupied as someone's usual place of residence. Vacant mobile homes are included provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' lots, at the factory, or in storage yards are excluded from the housing inventory. Also excluded from the housing inventory are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Occupied housing unit. A housing unit is classified as occupied if it is the usual place of residence of the person or group of people living in it at the time of enumeration, or if the occupants are only temporarily absent; that is, away on vacation or business. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living quarters.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, people who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. If any of the occupants in rooming or boarding houses, congregate housing, or continuing care facilities live separately from others in the building and have direct access, their quarters are classified as separate housing units. The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered group quarters.

Vacant housing unit. A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by people who have a usual residence elsewhere are also classified as vacant. New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded from the housing inventory if they are open to the elements; that is, the roof, walls, windows, and/or doors no longer protect the interior from the elements. Also excluded are vacant units with a sign that they are condemned or they are to be demolished.

Comparability. The first Census of Housing in 1940 established the "dwelling unit" concept. Although the term became "housing unit" and the definition was modified slightly in succeeding censuses, the housing unit definition remained essentially comparable between 1940 and 1990. Since 1990, two changes were made to the housing unit definition.

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The first change eliminated the concept of "eating separately." The elimination of the eating criterion is more comparable with the United Nations' definition of a housing unit that stresses the entire concept of separateness rather than the specific "eating" element. Although the "eating separately" criterion was previously included in the definition of a housing unit, the data collected did not distinguish whether the occupants ate separately from any other people in the building. (Questions that asked households about their eating arrangements have not been included in the census after 1970.) Therefore, the current definition better reflects the information that is used in the determination of a housing unit.

The second change for Census 2000 eliminated the "number of nonrelatives" criterion; that is, "nine or more people unrelated to the householder" which converted housing units to group quarters. This change was prompted by the following considerations: (1) there were relatively few such conversions in 1990; (2) household relationship and housing data were lost by converting these housing units to group quarters; and (3) there was no empirical support for establishing a particular number of nonrelatives as a threshold for these conversions.

In 1960, 1970, and 1980, vacant rooms in hotels, motels, and other similar places where 75 percent or more of the accommodations were occupied by permanent residents were counted as part of the housing inventory. We intended to classify these vacant units as housing units in the 1990 census. However, an evaluation of the data collection procedures prior to the 1990 census indicated that the concept of permanency was a difficult and confusing procedure for enumerators to apply correctly. Consequently, in the 1990 census, vacant rooms in hotels, motels, and similar places were not counted as housing units. In Census 2000, we continued the procedure adopted in 1990.

ACREAGE

The data on acreage were obtained from answers to questionnaire Item 48b. This question was asked at all occupied and vacant 1-family houses and mobile homes. The data for vacant units are obtained by asking a neighbor, real estate agent, building manager, or anyone else who has knowledge of the vacant unit in question.

Question 48b determines a range of acres on which the house or mobile home is located. A major purpose for this item is to exclude owner-occupied and renter-occupied 1-family houses on 10 or more acres from the specified owner- and renter-occupied universes for value and rent tabulations. Another major purpose for this item, in conjunction with questionnaire Item 48c on agricultural sales, is to identify farm units. (For more information, see "Farm Residence.") The land may consist of more than one tract or plot. These tracts or plots are usually adjoining; however, they may be separated by a road, creek, another piece of land, etc.

Comparability. Question 48b replaced two items on acreage that were asked in 1990, "Is this house on 10 or more acres" and "Is this house on less than 1 acre." No information was lost by combining these items.

AGRICULTURAL SALES

Data on the sales of agricultural crops were obtained from answers to questionnaire Item 48c, which was asked at occupied 1-family houses and mobile homes located on lots of 1 acre or more. Data for this item exclude units on lots of less than 1 acre, units located in structures containing two or more units, and all vacant units. This item refers to the total amount (before taxes and expenses) received in 1999 from the sale of crops, vegetables, fruits, nuts, livestock and livestock products, and nursery and forest products produced on "this property." Respondents new to a unit were to estimate total agricultural sales in 1999 even if some portion of the sales had been made by previous occupants of the unit.

This item is used mainly to classify housing units as farm or nonfarm residences, not to provide detailed information on the sale of agricultural products. Detailed information on the sale of agricultural products is provided by the Census of Agriculture (1992 Census of Agriculture, Vol. 1, geographic area series conducted by the U.S. Department of Agriculture). (For more information, see "Farm Residence.")

BEDROOMS

The data on bedrooms were obtained from answers to questionnaire Item 39, which was asked at both occupied and vacant housing units. The number of bedrooms is the count of rooms designed to be used as bedrooms; that is, the number of rooms that would be listed as bedrooms if the house, apartment, or mobile home were on the market for sale or for rent. Included are all rooms intended to be used as bedrooms even if they currently are being used for some other purpose. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

Comparability. Data on bedrooms have been collected in every census since 1960. In 1970 and 1980, data for bedrooms were shown only for year-round units. Year-round housing units are all occupied units plus vacant units available or intended for year round use. Vacant units intended for seasonal occupancy and migratory laborers are excluded. Since 1990, these data are shown for all housing units. Prior to 1990, a room was defined as a bedroom if it was used mainly for sleeping even if it also was used for other purposes. Rooms that were designed to be used as bedrooms but used mainly for other purposes were not classified as bedrooms.

BUSINESS ON PROPERTY

The data for business on property were obtained from answers to questionnaire Item 48a, which was asked of all occupied and vacant 1-family houses and mobile homes. This question is used to exclude owner-occupied, 1-family houses with business or medical offices on the property from certain statistics on financial characteristics.

A business must be easily recognizable from the outside. It usually will have a separate outside entrance and have the appearance of a business, such as a grocery store, restaurant, or barber shop. It may be either attached to the house or mobile home or be located elsewhere on the property. Those housing units in which a room is used for business or professional purposes and have no recognizable alterations to the outside are not considered to have a business. Medical offices are considered businesses for tabulation purposes.

Comparability. Data on business on property have been collected since 1940.

CONDOMINIUM FEE

The data on condominium fee were obtained from answers to questionnaire Item 56, which was asked at occupied condominiums. A condominium fee normally is charged monthly to the owners of individual condominium units by the condominium owners' association to cover operating, maintenance, administrative, and improvement costs of the common property (grounds, halls, lobby, parking areas, laundry rooms, swimming pool, etc.). The costs for utilities and/or fuels may be included in the condominium fee if the units do not have separate meters.

The data from this item were added to payments for mortgages (both first, second, home equity loans, and other junior mortgages); real estate taxes; fire, hazard, and flood insurance payments; and utilities and fuels to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999" for condominium owners.

Comparability. Data on condominium fees were collected for the first time in 1990. In previous decennial censuses, a question on whether a unit was part of a condominium also was asked. The question on condominium status was not asked in Census 2000.

CONDOMINIUM STATUS

The data on condominium housing units were obtained from answers to questionnaire Item 47, which was asked at both occupied and vacant housing units. Condominium is a type of ownership that enables a person to own an apartment or house in a development of similarly owned units and to hold a common or joint ownership of some or all of the common areas as facilities, such as land, the roof, hallways, entrances, elevators, a swimming pool, etc. Condominiums may be

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single-family houses or units in apartment buildings. A condominium unit need not be occupied by the owner to be counted as such. A unit classified as "mobile home," "boat or houseboat," or "RV, van, tent, etc.," cannot be a condominium unit. (See discussion on "Units in Structure.")

Limitation of the Data.

Testing done in the United States prior to the 1980 and 1990 censuses indicated that the number of condominiums may be slightly overstated.

Comparability.

In 1970, condominiums were grouped together with cooperative housing units, and the data were reported only for owner-occupied cooperatives and condominiums. Beginning in 1980, the census identified all condominium units, and the data were shown for renter-occupied and vacant year-round condominiums, as well as owner occupied.

CONTRACT RENT

The data on contract rent (also referred to as "rent asked" for vacant units) were obtained from answers to questionnaire Item 50, which was asked at occupied housing units that were rented for cash rent and vacant housing units that were for rent at the time of enumeration.

Housing units that are renter occupied without payment of cash rent are shown separately as "No cash rent" in census data products. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. Rent-free houses or apartments may be provided to compensate caretakers, ministers, tenant farmers, sharecroppers, or others.

Contract rent is the monthly rent agreed to or contracted for, regardless of any furnishings, utilities, fees, meals, or services that may be included. For vacant units, it is the monthly rent asked for the rental unit at the time of enumeration.

If the contract rent includes rent for a business unit or for living quarters occupied by another household, only that part of the rent estimated to be for the respondent's unit was included. Excluded was any rent paid for additional units or for business premises.

If a renter pays rent to the owner of a condominium or cooperative, and the condominium fee or cooperative carrying charge also is paid by the renter to the owner, the condominium fee or carrying charge was included as rent.

If a renter receives payments from lodgers or roomers who are listed as members of the household, the rent without deduction for any payments received from the lodgers or roomers was to be reported. The respondent was to report the rent agreed to or contracted for even if paid by someone else such as friends or relatives living elsewhere, a church or welfare agency, or the government through subsidies or vouchers.

In some tabulations, contract rent is presented for all renter-occupied housing units, as well as specified renter-occupied and vacant-for-rent units. (For more information on rent, see "Gross Rent.")

Specified renter-occupied and specified vacant-for-rent units.   In some tabulations, contract rent is presented for specified renter-occupied and vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude 1-family houses on 10 acres or more.

Median and quartile contract rent.   The median divides the rent distribution into two equal parts: one-half of the cases falling below the median contract rent and one-half above the median. Quartiles divide the rent distribution into four equal parts. Median and quartile contract rent are computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). In computing median and quartile contract rent, units reported as "No cash rent" are excluded. Median and quartile rent calculations are rounded to the nearest whole dollar. Upper and lower quartiles can be used to note large rent differences among various geographic areas. (For more information on medians and quartiles, see "Derived Measures.")

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Aggregate contract rent. Aggregate contract rent is calculated by adding all of the contract rents for occupied housing units in an area. Aggregate contract rent is subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Rounding" or "Aggregate" under "Derived Measures.")

Aggregate rent asked. Aggregate rent asked is calculated by adding all of the rents for vacant-for-rent housing units in an area. Aggregate rent asked is subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Aggregate" under "Derived Measures.")

Limitation of the data. In previous censuses, including 1990, contract rent for vacant units had high allocation rates (about 35 percent).

Comparability. Data on this item have been collected since 1930.

For 1990, data on quartiles were added. In Census 2000, respondents wrote in the contract rent amount. In previous decennial censuses, respondents marked the appropriate contract rent box shown as ranges on the questionnaire.

COOKING FUEL

The data on cooking fuel were obtained from answers to questionnaire Item 43, which was asked at occupied housing units. The data show the type of fuel used most for cooking.

Bottled or tank gas. Includes liquid propane gas stored in bottles and tanks, which are refilled or exchanged when empty.

Electricity. Electricity is generally supplied by means of above or underground electric power lines.

Fuel oil, kerosene, etc. Includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids.

Wood or charcoal. Includes purchased wood or charcoal, wood cut by household members on their property or elsewhere, driftwood, sawmill or construction scraps, or the like.

Other fuel. Includes all other fuels not specified elsewhere.

No fuel used. Includes units that do not use any fuel or that do not have heating equipment.

Comparability. Data on cooking fuel were collected for the first time in 1980.

FARM RESIDENCE

The data on farm residence were obtained from answers to questionnaire Items 48b and 48c. An occupied 1-family house or mobile home is classified as a farm residence if: (1) the housing unit is located on a property of 1 acre or more, and (2) at least $100 worth of agricultural products were sold from the property in 1999. Group quarters and housing units that are in multiunit buildings or are vacant are not included as farm residences.

The farm population consists of people in households living in farm residences. Some people who are counted on a property classified as a farm (including, in some cases, farm workers) are excluded from the farm population. Such people include those who reside in multiunit buildings or group quarters.

Comparability. These are the same criteria that were used to define a farm residence in 1980 and 1990. In 1960 and 1970, a farm was defined as a place of 10 or more acres with at least $50 worth of agricultural sales or a place of less than 10 acres with at least $250 worth of agricultural sales. Earlier censuses used other definitions. The definition of a farm residence differs from the definition of a farm in the Census of Agriculture (*1992 Census of Agriculture, Vol. 1*, geographic area series conducted by the Department of Agriculture).

GROSS RENT

The data on gross rent were obtained from answers to questionnaire Items 49a-d. Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water and sewer) and fuels (oil, coal, kerosene, wood, etc.) if these are paid by the renter (or paid for the renter by someone else). Gross rent is intended to eliminate differentials that result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of utilities and fuels are reported on an annual basis but are converted to monthly figures for the tabulations. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations.

Median gross rent. Median gross rent divides the gross rent distribution into two equal parts: one-half of the cases falling below the median gross rent and one-half above the median. Median gross rent is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median gross rent is rounded to the nearest whole dollar. (For more information on medians, see "Derived Measures.")

Aggregate gross rent. Aggregate gross rent is calculated by adding together all the gross rents for all occupied housing units in an area. Aggregate gross rent is subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Rounding" or "Aggregate" under "Derived Measures.")

Comparability. Data on gross rent have been collected since 1940 for renter-occupied housing units. In Census 2000, questionnaire Item 49c asked the annual costs for water and sewer in an effort to obtain all costs associated with water usage.

GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1999

Gross rent as a percentage of household income in 1999 is a computed ratio of monthly gross rent to monthly household income (total household income in 1999 divided by 12). The ratio is computed separately for each unit and is rounded to the nearest whole percentage. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss in 1999 comprise the category "Not computed."

Median gross rent as a percentage of household income in 1999. This measure divides the gross rent as a percentage of household income distribution into two equal parts, one-half of the cases falling below the median gross rent as a percentage of household income and one-half above the median. Median gross rent as a percentage of household income is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median selected gross rent as a percentage of household income is rounded to the nearest whole tenth. (For more information on medians, see "Derived Measures.")

HOUSEHOLD SIZE

This item is based on the count of people in occupied housing units. All people occupying the housing unit are counted, including the householder, occupants related to the householder, and lodgers, roomers, boarders, and so forth.

For products based on population data, "household size" is the number of people in households. The count of "occupied housing units" may not match the count of "households." Consequently, the household size measures derived from housing and population-based data also may differ.

Average household size of occupied unit. A measure obtained by dividing the number of people living in occupied housing units by the number of occupied housing units. This measure is rounded to the nearest hundredth.

Average household size of owner-occupied unit. A measure obtained by dividing the number of people living in owner-occupied housing units by the total number of owner-occupied housing units. This measure is rounded to the nearest hundredth.

Average household size of renter-occupied unit.   A measure obtained by dividing the number of people living in renter-occupied housing units by the total number of renter-occupied housing units. This measure is rounded to the nearest hundredth.

INSURANCE FOR FIRE, HAZARD, AND FLOOD

The data on fire, hazard, and flood insurance were obtained from answers to questionnaire Item 54, which was asked at all owner-occupied housing units. The statistics for this item refer to the annual premium for fire, hazard, and flood insurance on the property (land and buildings); that is, policies that protect the property and its contents against loss due to damage by fire, lightning, winds, hail, flood, explosion, and so on.

Liability policies are included only if they are paid with the fire, hazard, and flood insurance premiums and the amounts for fire, hazard, and flood cannot be separated. Premiums are reported even if they have not been paid or are paid by someone outside the household. When premiums are paid on other than an annual basis, the premiums are converted to an annual basis.

The payment for fire, hazard, and flood insurance is added to payments for real estate taxes, utilities, fuels, and mortgages (both first, second, home equity loans, and other junior mortgages) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999."

A separate questionnaire item (51d) determines whether insurance premiums are included in the mortgage payment to the lender(s). This makes it possible to avoid counting these premiums twice in the computations.

Comparability.   Data on payment for fire and hazard insurance were collected for the first time in 1980. Flood insurance was not specifically mentioned in the wording of the question in 1980. In 1990, the question was modified to include flood insurance. It was asked at 1family, owner-occupied houses; mobile homes; and condominiums. In Census 2000, the question was asked at all owner-occupied housing units.

KITCHEN FACILITIES

Data on kitchen facilities were obtained from answers to questionnaire Item 41, which was asked at both occupied and vacant housing units. A unit has complete kitchen facilities when it has all of the following: (1) a sink with piped water; (2) a range, **or** cook top and oven; and (3) a refrigerator. All kitchen facilities must be located in the house, apartment, or mobile home, but they need not be in the same room. A housing unit having only a microwave or portable heating equipment, such as a hot plate or camping stove, should not be considered as having complete kitchen facilities. An ice box is not considered to be a refrigerator.

Comparability.   Data on complete kitchen facilities were collected for the first time in 1970. Earlier censuses collected data on individual components, such as kitchen sink and type of refrigeration equipment. In 1970 and 1980, data for kitchen facilities were shown only for year-round units. Since 1990, data are shown for all housing units.

Prior to Census 2000, the kitchen facilities only had to be located in the structure, not in the unit. For example, if an apartment did not have complete kitchen facilities, but these facilities were present elsewhere in the building, the item would have been marked "yes" prior to Census 2000, but "no" in Census 2000.

MEALS INCLUDED IN RENT

The data on meals included in the rent were obtained from answers to questionnaire Item 50b, which was asked at all occupied housing units that were rented for cash rent and vacant housing units that were for rent at the time of enumeration.

The statistics on meals included in rent are presented for specified renter-occupied and specified vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude 1-family houses on ten or more acres. (For more information, see "Contract Rent.")

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Comparability. This was a new item in 1990 used to measure "congregate" housing, which generally is considered to be housing units where the rent includes meals and other services, such as transportation to shopping and recreation.

MOBILE HOME OR BOAT COSTS

The data on mobile home/boat costs were obtained from answers to questionnaire Items 57a and 57b, which were asked at all owner-occupied mobile homes or boats. Questionnaire Item 57a asks if there is an installment loan or contract on the mobile home or boat. This is a payment plan for mobile homes and boats similar to buying a car or appliance. If the mobile home is not permanently attached to the land it may not be considered real estate and thus will not have a mortgage. With an installment loan, the buyer pays a specified amount per month for a specified number of months. The mobile home or boat is the collateral for the loan, similar to a car loan.

The data derived from Question 57b include the total annual costs for installment loan payments, personal property taxes, site rent, marina fees, registration fees, and license fees on owner-occupied mobile homes or boats. The instructions are to exclude real estate taxes already reported in questionnaire Item 49.

Costs are estimated as closely as possible when exact costs are not known. Amounts are the total for an entire 12-month billing period, even if they are paid by someone outside the household or remain unpaid.

The data from this item are added to payments for mortgages; real estate taxes; fire, hazard, and flood insurance payments; utilities; and fuels to derive selected monthly owner costs for mobile home or boat owners.

Comparability. Data for mobile home and boat costs were collected for the first time in 1990. In Census 2000, a question was added to determine if there was an installment loan or contract on the mobile home or boat.

MORTGAGE PAYMENT

The data on mortgage payment were obtained from answers to questionnaire Item 51b, which was asked at owner-occupied housing units. Questionnaire Item 51b provides the regular monthly amount required to be paid to the lender for the first mortgage (deed of trust, contract to purchase, or similar debt) on the property. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999" for units with a mortgage.

The amounts reported include everything paid to the lender including principal and interest payments; real estate taxes; fire, hazard, and flood insurance payments; and mortgage insurance premiums. Separate questions determine whether real estate taxes and fire, hazard, and flood insurance payments are included in the mortgage payment to the lender. This makes it possible to avoid counting these components twice in the computation of "Selected Monthly Owner Costs."

Comparability. Information on mortgage payment was collected for the first time in 1980. In 1990, the questions on monthly mortgage payments were asked at owner-occupied, 1-family houses; mobile homes; and condominiums. In Census 2000, the question was asked at all owner-occupied housing units.

The 1980 census obtained total regular monthly mortgage payments, including payments on second or other junior mortgages, from a single question. Beginning in 1990, two questions were asked; one for regular monthly payments on first mortgages, and one for regular monthly payments on second mortgages, home equity loans, and other junior mortgages. (For more information, see "Second or Junior Mortgage or Home Equity Loan.")

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MORTGAGE STATUS

The data on mortgage status were obtained from answers to questionnaire Items 51a and 52a, which were asked at owner-occupied housing units. "Mortgage" refers to all forms of debt where the property is pledged as security for repayment of the debt, including deeds of trust; trust deeds; contracts to purchase; land contracts; junior mortgages; and home equity loans.

A mortgage is considered a first mortgage if it has prior claim over any other mortgage or if it is the only mortgage on the property. All other mortgages, (second, third, etc.) are considered junior mortgages. A home equity loan is generally a junior mortgage. If no first mortgage is reported, but a junior mortgage or home equity loan is reported, then the loan is considered a first mortgage.

In most census data products, the tabulations for "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999" usually are shown separately for units "with a mortgage" and for units "not mortgaged." The category "not mortgaged" is comprised of housing units owned free and clear of debt.

Comparability. This item was asked for the first time in 1980. In 1980, the mortgage status questions were asked at owner-occupied 1-family houses on less than 3 acres. Excluded were mobile homes, boats, condominiums, houses with a business or medical office, houses on 3 or more acres, and housing units in multiunit buildings. In 1990, the questions were asked of all 1-family, owner-occupied housing units including houses on 10 or more acres. They were also asked at mobile homes, boats, condominiums, and houses with a business or medical office.

In Census 2000, the questions were asked at all owner-occupied housing units. In addition, the answer categories distinguished between the presence of a second mortgage and a home equity loan.

OCCUPANTS PER ROOM

Occupants per room is obtained by dividing the number of people in each occupied housing unit by the number of rooms in the unit. The figures show the number of occupied housing units having the specified ratio of people per room. Although the Census Bureau has no official definition of crowded units, many users consider units with more than one occupant per room to be crowded. Occupants per room is rounded to the nearest hundredth.

Mean occupants per room. This is computed by dividing occupants in housing units by the aggregate number of rooms. This is intended to provide a measure of utilization or crowding. A higher mean may indicate a greater degree of utilization or crowding; a low mean may indicate under-utilization. Mean occupants per room is rounded to the nearest hundredth. (For more information on means, see "Derived Measures.")

PLUMBING FACILITIES

The data on plumbing facilities were obtained from answers to questionnaire Item 40, which was asked at both occupied and vacant housing units. Complete plumbing facilities include: (1) hot and cold piped water, (2) a flush toilet, and (3) a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities is not present.

Comparability. The 1990 census and Census 2000 data on complete plumbing facilities are not strictly comparable with the 1980 data. Before 1990, complete plumbing facilities were defined as hot and cold piped water, a bathtub or shower, and a flush toilet in the housing unit for the exclusive use of the residents of that unit. In 1990, the Census Bureau dropped the requirement of exclusive use from the definition of complete plumbing facilities. From 1940 to 1970, separate and more detailed questions were asked on piped water, bathing, and toilet facilities. In 1970 and 1980, the data on plumbing facilities were shown only for year-round housing units.

POPULATION IN OCCUPIED UNITS

The data shown for population in occupied units is the total population minus any people living in group quarters. All people occupying the housing unit are counted, including the householder, occupants related to the householder, and lodgers, roomers, boarders, and so forth. (For more information, see "Living Quarters.")

Average household size of occupied unit. A measure obtained by dividing the number of people living in occupied housing units by the number of occupied housing units.

Average household size of owner-occupied unit. A measure obtained by dividing the number of people living in owner-occupied housing units by the number of owner-occupied housing units.

Average household size of renter-occupied unit. A measure obtained by dividing the number of people living in renter-occupied housing units by the number of renter-occupied housing units.

REAL ESTATE TAXES

The data on real estate taxes were obtained from answers to questionnaire Item 53, which was asked at owner-occupied housing units. The statistics from this question refer to the total amount of all real estate taxes on the entire property (land and buildings) payable in 1999 to all taxing jurisdictions, including special assessments, school taxes, county taxes, and so forth.

Real estate taxes include state, local, and all other real estate taxes even if delinquent, unpaid, or paid by someone who is not a member of the household. However, taxes due from prior years are not included. If taxes are not paid on a yearly basis, the payments are converted to a yearly basis.

The payment for real estate taxes is added to payments for fire, hazard, and flood insurance; utilities and fuels; and mortgages (both first and second, home equity loans, and other junior mortgages) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999." A separate question (51c) determines whether real estate taxes are included in the mortgage payment to the lender(s). This makes it possible to avoid counting taxes twice in the computations.

Median real estate taxes. Median real estate taxes divides the real estate taxes distribution into two equal parts: one-half of the cases falling below the median real estate taxes and one-half above the median. Median real estate taxes is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median real estate taxes is rounded to the nearest whole dollar. (For more information on medians, see "Derived Measures.")

Comparability. Data for real estate taxes were collected for the first time in 1980. In 1990 and 2000, the question was asked at all owner-occupied housing units including houses on 10 or more acres. It was also asked at mobile homes, condominiums, and 1-family houses with a business or medical office on the property.

ROOMS

The data on rooms were obtained from answers to questionnaire Item 38, which was asked at both occupied and vacant housing units. The statistics on rooms are presented in terms of the number of housing units with a specified number of rooms. The intent of this question is to count the number of whole rooms used for living purposes.

For each unit, rooms include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodgers' rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls or foyers, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling, but not if the partition consists solely of shelves or cabinets.

Definitions of Subject Characteristics

Median rooms. This measure divides the rooms distribution into two equal parts, one-half of the cases falling below the median number of rooms and one-half above the median. Median rooms is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). In computing median rooms, the whole number is used as the midpoint of the interval; thus, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. Median rooms is rounded to the nearest tenth. (For more information on medians, see "Derived Measures.")

Aggregate rooms. To calculate aggregate rooms, an arbitrary value of "10" is assigned to rooms for units falling within the terminal category, "9 or more." (For more information on aggregates, see "Derived Measures.")

Comparability.   Data on rooms have been collected since 1940. In 1970 and 1980, these data were shown only for year-round housing units. Since 1990, these data are shown for all housing units.

SECOND OR JUNIOR MORTGAGE PAYMENT OR HOME EQUITY LOAN

The data on second mortgage or home equity loan payments were obtained from answers to questionnaire Items 52a and 52b, which were asked at owner-occupied housing units. Question 52a asks whether a second or junior mortgage or a home equity loan exists on the property. Question 52b asks for the regular monthly amount required to be paid to the lender on all junior mortgages and home equity loans. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999" for units with a mortgage.

All mortgages other than first mortgages (for example, second, third, etc.) are classified as "junior" mortgages. A second mortgage is a junior mortgage that gives the lender a claim against the property that is second to the claim of the holder of the first mortgage. Any other junior mortgage(s) would be subordinate to the second mortgage. A home equity loan is a line of credit available to the borrower that is secured by real estate. It may be placed on a property that already has a first or second mortgage, or it may be placed on a property that is owned free and clear.

If the respondents answered that no first mortgage existed, but a second mortgage or a home equity loan did, a computer edit assigned the unit a first mortgage and made the first mortgage monthly payment the amount reported in the second mortgage. The second mortgage/home equity loan data were then made "No" in Question 52a and blank in Question 52b.

Comparability. The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from one single question. Beginning in 1990, two questions were used: one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages and home equity loans.

The 1990 census did not allow respondents to distinguish between a second mortgage or a home equity loan. In Census 2000, Question 52a allows the respondent to choose multiple answers, thereby identifying the specific type of second mortgage. In 1990, the second or junior mortgage questions were asked at 1-family, owner-occupied housing units; mobile homes; and condominiums. In Census 2000, the questions were asked at owner-occupied housing units.

SELECTED CONDITIONS

The variable "Selected conditions" is defined for owner- and renter-occupied housing units as having at least one of the following conditions: (1) lacking complete plumbing facilities, (2) lacking complete kitchen facilities, (3) with 1.01 or more occupants per room, or (4) selected monthly owner costs as a percentage of household income in 1999 greater than 30 percent, and gross rent as a percentage of household income in 1999 greater than 30 percent.

Comparability. Data on "Selected Conditions" were shown for the first time in the 1990 Summary Tape File 4. The same conditions were identified in Census 2000.

SELECTED MONTHLY OWNER COSTS

The data on selected monthly owner costs were obtained from answers to questionnaire Items 49a-d, 51b, 52b, 53, 54, 56, and 57b, which were asked at owner-occupied housing units. Selected monthly owner costs are the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second mortgage, home equity loans, and other junior mortgages); real estate taxes; fire, hazard, and flood insurance on the property; utilities (electricity, gas, and water and sewer); and fuels (oil, coal, kerosene, wood, etc.). It also includes, where appropriate, the monthly condominium fees or mobile home costs (installment loan payments, personal property taxes, site rent, registration fees, and license fees). The data are shown for all owner-occupied housing units and specified owner-occupied housing units.

Specified owner-occupied housing units. Specified owner-occupied housing units include only 1-family houses on less than 10 acres without a business or medical office on the property. The data for "specified units" exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in multiunit buildings. Data usually are shown separately for units "with a mortgage" and for units "not mortgaged."

Median selected monthly owner costs. This measure divides the selected monthly owner costs distribution into two equal parts, one-half of the cases falling below the median selected monthly owner costs and one-half above the median. Medians are shown separately for units "with a mortgage" and for units "not mortgaged." Median selected monthly owner costs is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median selected monthly owner costs is rounded to the nearest whole dollar. (For more information on medians, see "Derived Measures.")

Aggregate selected monthly owner costs. Aggregate selected monthly owner costs is calculated by adding together all the selected monthly owner costs for all occupied housing units in an area. Aggregate selected monthly owner costs is subject to rounding, which means that all cells in a matrix are rounded to the nearest hundred dollars. (For more information, see "Rounding" or "Aggregate" under "Derived Measures.")

Comparability. The components of selected monthly owner costs were collected for the first time in 1980. In 1990, the questions related to selected monthly owner costs were asked at 1-family, owner-occupied houses; mobile homes; and condominiums. In Census 2000, the questions related to selected monthly owner costs were asked at all owner-occupied housing units. Question 57a, "Do you have an installment loan or contract on this mobile home or boat?" was added in Census 2000 to determine the existence of installment loans or contracts on mobile home units and/or boats.

SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1999

The information on selected monthly owner costs as a percentage of household income in 1999 is the computed ratio of selected monthly owner costs to monthly household income in 1999. The ratio was computed separately for each unit and rounded to the nearest whole percentage. The data are tabulated separately for all owner-occupied units and specified owner-occupied housing units.

Separate distributions are often shown for units "with a mortgage" and for units "not mortgaged." Units occupied by households reporting no income or a net loss in 1999 are included in the "not computed" category. (For more information, see "Selected Monthly Owner Costs.")

Median selected monthly owner costs as a percentage of household income. This measure divides the selected monthly owner costs as a percentage of household income distribution into two equal parts, one-half of the cases falling below the median selected monthly

owner costs as a percentage of household income and one-half above the median. Median selected monthly owner costs as a percentage of household income is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median selected monthly owner costs as a percentage of household income is rounded to the nearest tenth. (For more information on medians, see "Derived Measures.")

SEWAGE DISPOSAL

The data on sewage disposal were obtained from questionnaire Item 46, which was asked at both occupied and vacant housing units. Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, "Other means" includes housing units which dispose of sewage in some other way.

Comparability.   Data on sewage disposal have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units. In 2000 and 1990, data are shown for all housing units.

SOURCE OF WATER

The data on source of water were obtained from questionnaire Items 45a and 45b, which were asked at both occupied and vacant housing units. Housing units may receive their water supply from a number of sources. A common source supplying water to five or more units is classified as "a public system only" or "a public system and cistern." Another source of water may be "cistern, tanks, or drums only" in which rain water is collected. "A public standpipe" is an elevated tank or vertical storage cylinder or street hydrant, which is connected to a public system from which nearby residents draw water. The category "some other source such as an individual well or a spring" includes water obtained from creeks, rivers, lakes, etc.

Purchase of water from water vendor. Households were asked whether or not water was purchased from a water vendor from January through December 1999. Households are considered to have purchased water from a water vendor, even if only one purchase was made during the year; and even though their primary source of water is from a public system, a public standpipe, or some other source. Bottled water purchased from a commercial establishment such as a grocery store or drugstore is not included.

Comparability.   Data on source of water have been collected in every census since 1940. In 1970 and 1980, data were shown only for year-round housing units.

TELEPHONE SERVICE AVAILABLE

The data on telephones were obtained from answers to questionnaire Item 42, which was asked at occupied housing units. Households with telephone service have a telephone in working order and are able to make and receive calls. Households whose service has been discontinued for nonpayment or other reasons are not counted as having telephone service available.

Comparability.   Data on telephones were collected for the first time in 1990. In Census 2000, the telephone question emphasizes the availability of service in the house, apartment, or mobile home. Data on telephone service are needed because an individual can own a telephone but have no service to make or receive calls. In 1990, respondents were asked about the presence of a telephone in the housing unit.

TENURE

The data on tenure, which was asked at all occupied housing units, were obtained from answers to questionnaire Item 34. All occupied housing units are classified as either owner occupied or renter occupied.

Definitions of Subject Characteristics

Owner occupied. A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. The owner or co-owner must live in the unit and usually is Person 1 on the questionnaire. The unit is "Owned by you or someone in this household with a mortgage or loan" if it is being purchased with a mortgage or some other debt arrangement, such as a deed of trust, trust deed, contract to purchase, land contract, or purchase agreement. The unit is also considered owned with a mortgage if it is built on leased land and there is a mortgage on the unit. Mobile homes occupied by owners with installment loans balances are also included in this category.

A housing unit is "Owned by you or someone in this household free and clear (without a mortgage or loan)" if there is no mortgage or other similar debt on the house, apartment, or mobile home including units built on leased land if the unit is owned outright without a mortgage. More extensive information is collected on the questionnaire.

Renter occupied. All occupied housing units that are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied. "No cash rent" units are separately identified in the rent tabulations. Such units are generally provided free by friends or relatives or in exchange for services, such as resident manager, caretaker, minister, or tenant farmer. Housing units on military bases also are classified in the "No cash rent" category. "Rented for cash rent" includes units in continuing care, sometimes called life care arrangements. These arrangements usually involve a contract between one or more individuals and a service provider guaranteeing the individual shelter, usually a house or apartment, and services, such as meals or transportation to shopping or recreation. (For more information, see "Meals Included in Rent.")

Comparability. Data on tenure have been collected for the Virgin Islands since 1930. For 1990, the response categories were expanded to allow the respondent to report whether the unit was owned with a mortgage or loan, or free and clear (without a mortgage). The distinction between units owned with a mortgage and units owned free and clear was added in 1990 to improve the count of owner-occupied units. Research after the 1980 census indicated some respondents did not consider their units owned if they had a mortgage. In Census 2000, we continued with the same tenure categories used in the 1990 census.

UNITS IN STRUCTURE

The data on units in structure (also referred to as "type of structure") were obtained from answers to questionnaire Item 35, which was asked at both occupied and vacant housing units. A structure is a separate building that either has open spaces on all sides or is separated from other structures by dividing walls that extend from ground to roof. In determining the number of units in a structure, all housing units, both occupied and vacant, are counted. Stores and office space are excluded. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings.

1-unit, detached. This is a 1-unit structure detached from any other house; that is, with open space on all four sides. Such structures are considered detached even if they have an adjoining shed or garage. A 1-family house that contains a business is considered detached as long as the building has open space on all four sides. Mobile homes to which one or more permanent rooms have been added or built also are included.

1-unit, attached. This is a 1-unit structure that has one or more walls extending from ground to roof separating it from adjoining structures. In row houses (sometimes called townhouses), double houses, or houses attached to nonresidential structures, each house is a separate, attached structure if the dividing or common wall goes from ground to roof.

2 or more units. These are units in structures containing 2 or more housing units, further categorized as units in structures with 2, 3 or 4, 5 to 9, 10 to 19, 20 to 49, and 50 or more units.

Mobile home. Both occupied and vacant mobile homes to which no permanent rooms have been added are counted in this category. Mobile homes used only for business purposes or for extra sleeping space and mobile homes for sale on a dealer's lot, at the factory, or in storage are not counted in the housing inventory. In 1990, the category was "mobile home or trailer."

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Boat or houseboat. Included in this category are boats and houseboats that are occupied as housing units.

RV, van, tent, etc. This category is for any living quarters occupied as a housing unit that does not fit in the previous categories. Examples that fit in this category are railroad cars, campers, and vans.

Comparability. Data on units in structure have been collected since 1940, on mobile homes and trailers since 1950, and on boats since 1980. In 1970 and 1980, these data were shown only for year-round housing units. A category of "other" was used in 1990, but this category was greatly overstated. It was replaced by "RV, van, tent, etc." in Census 2000.

USUAL HOME ELSEWHERE

The data for usual home elsewhere were obtained from the questionnaire, Item A, which was completed by census enumerators. A housing unit temporarily occupied at the time of enumeration entirely by people with a usual residence elsewhere was classified as vacant. The occupants were classified as having a "Usual home elsewhere" and were counted at the address of their usual place of residence. All usual home elsewhere units were classified as "For seasonal, recreational, or occasional use" unless the respondent specifically stated the unit had a different vacancy status (for more information, see "Vacancy Status").

Limitation of the data. Evidence from previous censuses suggests that in some areas enumerators marked units as "vacant—usual home elsewhere" when they should have marked "vacant—regular."

Comparability. Data for usual home elsewhere were tabulated for the first time in 1980.

UTILITIES

The data on utility costs were obtained from answers to questionnaire Items 49a through 49d, which were asked at occupied housing units. Questions 49a through 49d asked for the monthly cost of utilities (electricity, gas, water and sewer) and other fuels (oil, coal, wood, kerosene, etc.). The average monthly costs are included in the computation of "Gross Rent," "Gross Rent as a Percentage of Household Income in 1999," "Selected Monthly Owner Costs," and "Selected Monthly Owner Costs as a Percentage of Household Income in 1999."

Costs are recorded if paid by or billed to occupants, a welfare agency, relatives, or friends. Costs that are paid by landlords, included in the rent payment, or included in condominium or cooperative fees are excluded.

Limitation of the data. Research has shown that respondents tended to overstate their expenses for electricity and gas when compared with utility company records.

Comparability. The data on utility costs were collected for the first time in 1980.

VACANCY STATUS

The data on vacancy status were obtained from the questionnaire, Item C. Vacancy status and other characteristics of vacant units were determined by census enumerators obtaining information from landlords, owners, neighbors, rental agents, and others. Vacant units are subdivided according to their housing market classification as follows:

For rent. These are vacant units offered "for rent," and vacant units offered either "for rent" or "for sale."

For sale only. These are vacant units offered "for sale only," including units in cooperatives and condominium projects if the individual units are offered "for sale only." If units are offered either "for rent" or "for sale," they are included in the "for rent" classification.

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Rented or sold, not occupied. If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of enumeration, or if the unit has recently been sold but the new owner has not yet moved in, the vacant unit is classified as "rented or sold, not occupied."

For seasonal, recreational, or occasional use. These are vacant units used or intended for use only in certain seasons, for weekends, or other occasional use throughout the year. Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units also may include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared-ownership or time-sharing condominiums, also are included in this category.

For migrant workers. These include vacant units intended for occupancy by migratory workers employed in farm work during the crop season. (Work in a cannery, a freezer plant, or a food-processing plant is not farm work.)

Other vacant. If a vacant unit does not fall into any of the categories specified above, it is classified as "other vacant." For example, this category includes units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

Available housing. Available housing units are vacant units that are "for sale only" or "for rent."

Available housing vacancy rate. The available housing vacancy rate is the proportion of the housing inventory that is available "for sale only" or "for rent." It is computed by dividing the number of available units by the sum of occupied units and the number of available units, and then multiplying by 100. This measure is rounded to the nearest tenth.

Homeowner vacancy rate. The homeowner vacancy rate is the proportion of the homeowner housing inventory that is vacant "for sale." It is computed by dividing the number of vacant units "for sale only" by the sum of owner-occupied units and vacant units that are "for sale only," and then multiplying by 100. This measure is rounded to the nearest tenth.

Rental vacancy rate. The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the number of vacant units "for rent" by the sum of renter-occupied units and vacant units that are "for rent," and then multiplying by 100. This measure is rounded to the nearest tenth.

Comparability. Data on vacancy status have been collected since 1940. Since 1990, the category, "For seasonal, recreational, or occasional use," was used. In earlier censuses, separate categories were used to collect data on these types of vacant units. Also, in 1970 and 1980, housing characteristics generally were presented only for year-round units. Beginning in 1990 and continuing into Census 2000, housing characteristics are shown for all housing units.

VALUE

The data on value (also referred to as "price asked" for vacant units) were obtained from answers to questionnaire Item 55, which was asked at owner-occupied housing units and units that were being bought, or vacant for sale at the time of enumeration. Value is the respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale. If the house or mobile home was owned or being bought, but the land on which it sits was not, the respondent was asked to estimate the combined value of the house or mobile home and the land. For vacant units, value was the price asked for the property. Value was tabulated separately for all owner-occupied and vacant-for-sale housing units, owner-occupied, and specified owner-occupied housing units, and specified vacant-for-sale housing units.

Specified owner-occupied and specified vacant-for-sale units. Specified owner-occupied and specified vacant-for-sale housing units include only 1-family houses on less than 10 acres without a business or medical office on the property. The data for "specified units" exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in multiunit buildings.

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Median and quartile value.   The median divides the value distribution into two equal parts: one-half of the cases falling below the median value of the property (house and lot, mobile home and lot, or condominium unit) and one-half above the median. Quartiles divide the value distribution into four equal parts. Median and quartile value are computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median and quartile value calculations are rounded to the nearest hundred dollars. Upper and lower quartiles can be used to note large value differences among various geographic areas. (For more information on medians and quartiles, see "Derived Measures.")

Aggregate value.   To calculate aggregate value, the amount assigned for the category "Less than $10,000" is $9,000. The amount assigned to the category "$1,000,000 or more" is $1,250,000. Aggregate value is rounded to the nearest hundred dollars. (For more information, see "Rounding" or "Aggregates," see "Derived Measures.")

Aggregate price asked.   To calculate aggregate price asked assigned for the category "Less than $10,000" is $9,000. The amount assigned to the category "$1,000,000 or more" is $1,250,000. Aggregate price asked is rounded to the nearest hundred dollars. (For more information, see "Rounding" or "Aggregates," see "Derived Measures.")

Comparability.   In 1980, value was asked only at owner-occupied or vacant-for-sale 1-family houses on less than 10 acres with no business or medical office on the property and at all owner-occupied or vacant-for-sale condominium housing units. Mobile homes were excluded. Value data were presented for specified owner-occupied housing units, specified vacant-for-sale-only housing units, and owner-occupied condominium housing units.

Beginning in 1990, the question was asked at all owner-occupied or vacant-for-sale-only housing units with no exclusions. Data presented for specified owner-occupied and specified vacant-for-sale-only housing units include 1-family condominium houses but not condominiums in multiunit structures.

VEHICLES AVAILABLE

The data on vehicles available were obtained from answers to questionnaire Item 44, which was asked at occupied housing units. These data show the number of passenger cars, vans, and pickup or panel trucks of 1-ton capacity or less kept at home and available for the use of household members. Vehicles rented or leased for 1 month or more, company vehicles, and police and government vehicles are included if kept at home and used for nonbusiness purposes. Dismantled or immobile vehicles are excluded. Vehicles kept at home but used only for business purposes also are excluded.

Vehicles per household (Mean vehicles available).   Vehicles per household is computed by dividing aggregate vehicles available by the number of occupied housing units. Vehicles per household is rounded to the nearest tenth. (For more information on means, see "Derived Measures.")

Limitation of the data.   The statistics do not measure the number of vehicles privately owned or the number of households owning vehicles.

Comparability.   Data on automobiles available were collected for the first time in 1980. In 1980, a separate question also was asked on the number of trucks and vans. The data on automobiles and trucks and vans were presented separately and also as a combined vehicles-available tabulation. The 1990 and Census 2000 data are comparable to the 1980 vehicles-available tabulations. In 1990, the terminal category identified "7 or more"; this was changed to "6 or more" in Census 2000.

YEAR HOUSEHOLDER MOVED INTO UNIT

The data on year householder moved into unit were obtained from answers to questionnaire Item 37, which was asked at occupied housing units. These data refer to the year of the latest move by the householder. If the householder moved back into a housing unit he or she previously

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occupied, the year of the latest move was reported. If the householder moved from one apartment to another within the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year that the householder moved in is not necessarily the same year other members of the household moved in, although in the great majority of cases an entire household moves at the same time.

Median year householder moved into unit. Median year householder moved into unit divides the distribution into two equal parts: one-half of the cases falling below the median year householder moved into unit and one-half above the median. Median year householder moved into unit is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median year householder moved into unit is rounded to the nearest whole number. (For more information on medians, see "Derived Measures.")

Comparability. In 1960 and 1970, this question was asked of every person and included in population reports. This item in housing tabulations refers to the year the householder moved in. Since 1980, the question has been asked only of the householder.

YEAR STRUCTURE BUILT

The data on year structure built were obtained from answers to questionnaire Item 36, which was asked at both occupied and vacant housing units. Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. For housing units under construction that met the housing unit definition—that is, all exterior windows, doors, and final usable floors were in place—the category "1999 or 2000" was used for tabulations. For mobile homes, houseboats, RVs, etc., the manufacturer's model year was assumed to be the year built. The data relate to the number of units built during the specified periods that were still in existence at the time of enumeration.

Median year structure built. Median year structure built divides the distribution into two equal parts: one-half of the cases falling below the median year structure built and one-half above the median. Median year structure built is computed on the basis of a standard distribution (see the "Standard Distributions" section under "Derived Measures"). Median year structure built is rounded to the nearest whole number. Median age of housing can be obtained by subtracting median year structure built from 2000. For example, if the median year structure built is 1967, the median age of housing in that area is 33 years (2000 minus 1967). (For more information on medians, see "Derived Measures.")

Limitation of the data. Data on year structure built are more susceptible to errors of response and nonreporting than data on many other items because respondents must rely on their memory or on estimates by people who have lived in the neighborhood a long time.

Comparability. Data on year structure built were collected for the first time in the 1940 census. Since then, the response categories have been modified to accommodate the 10-year period between each census. In the 1980 census, the number of units built before 1940 appeared to be underreported. In an effort to alleviate this problem, a "Don't know" category was added in 1990. Responses of "Don't know" were treated like blanks and the item was allocated from similar units by tenure and structure type. However, this led to an extremely high allocation rate for the item (28 percent). A 1996 test proved inconclusive in determining whether a "Don't know" category led to a more accurate count of older units, but the test showed the allocation rate for this item was greatly reduced by the elimination of the "Don't know" category. As a result, "Don't know" was deleted for Census 2000.

DERIVED MEASURES

Census data products include various derived measures, such as medians, means, and percentages, as well as certain rates and ratios. Derived measures that round to less than 0.1 are shown as zero.

Aggregate

See "Mean."

Average

See "Mean."

Interpolation

Interpolation is frequently used to calculate medians or quartiles and to approximate standard errors from tables based on interval data. Different kinds of interpolation may be used to estimate the value of a function between two known values, depending on the form of the distribution. The most common distributional assumption is that the data are linear, resulting in linear interpolation. However, this assumption may not be valid for income data, particularly when the data are based on wide intervals. For these cases, a Pareto distribution is assumed and the median is estimated by interpolating between the logarithms of the upper and lower income limits of the median category. The Census Bureau estimates median income using the Pareto distribution within intervals when the intervals are wider than $2,500.

Mean

This measure represents an arithmetic average of a set of values. It is derived by dividing the sum (or aggregate) of a group of numerical items by the total number of items in that group. For example, mean household earnings is obtained by dividing the aggregate of all earnings reported by individuals with earnings living in households by the total number of households with earnings. (Additional information on means and aggregates is included in the separate explanations of many population and housing subjects.)

Aggregate. An aggregate is the sum of the values for each of the elements in the universe. For example, aggregate household income is the sum of the incomes of all households in a given geographic area. Means are derived by dividing the aggregate by the appropriate universe.

Rounding for selected aggregates. To protect the confidentiality of responses, the aggregates shown in matrices for the list of subjects below are rounded. This means that the aggregates for these subjects, except for travel time to work, are rounded to the nearest hundred dollars. Unless special rounding rules apply (see below); $150 rounds up to $200; $149 rounds down to $100. Note that each cell in a matrix is rounded individually. This means that an aggregate value shown for the United States may not necessarily be the sum total of the aggregate values in the matrices for the states. This also means that the cells in the aggregate matrices may not add to the total and/or subtotal lines.

Special rounding rules for aggregates

- If the dollar value is between –$100 and +$100, then the dollar value is rounded to $0.

- If the dollar value is less than –$100, then the dollar value is rounded to the nearest –$100.

Aggregates Subject to Rounding

Contract Rent
Earnings in 1999 (Households)
Earnings in 1999 (Individuals)
Gross Rent*
Income Deficit in 1999 (Families)
Income Deficit in 1999 Per Family Member
Income Deficit in 1999 Per Unrelated Individual
Income in 1999 (Household/Family/Nonfamily Household)
Income in 1999 (Individuals)
Real Estate Taxes
Rent Asked
Selected Monthly Owner Costs* by Mortgage Status
Travel Time To Work**
Type of Income in 1999 (Households)
Value, Price Asked

* Gross Rent and Selected Monthly Owner Costs include other aggregates that also are subject to rounding. For example, Gross Rent includes aggregates of payments for "contract rent" and the "costs of utilities and fuels." Selected Monthly Owner Costs includes aggregates of payments for "mortgages, deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second mortgage, home equity loans, and other junior mortgages); real estate taxes; fire, hazard, and flood insurance on the property, and the costs of utilities and fuels."

** Aggregate travel time to work is zero if the aggregate is zero, is rounded to 4 minutes if the aggregate is 1 to 7 minutes, and is rounded to the nearest multiple of 5 minutes for all other values (if the aggregate is not already evenly divisible by 5).

Median

This measure represents the middle value (if n is odd) or the average of the two middle values (if n is even) in an ordered list of n data values. The median divides the total frequency distribution into two equal parts: one-half of the cases falling below the median and one-half above the median. Each median is calculated using a standard distribution (see below). (For more information, see "Interpolation.")

For data products displayed in American FactFinder, medians that fall in the upper-most category of an open-ended distribution will be shown with a plus symbol (+) appended (e.g., "$2,000+" for contract rent), and medians that fall in the lowest category of an open-ended distribution will be shown with a minus symbol (-) appended (e.g., "$100- for contract rent"). For data products on CD-ROM and DVD, and data files that are downloaded by users (i.e., FTP files), plus and minus signs will not be appended. Contract rent, for example will be shown as $2001 if the median falls in the upper-most category ($2,000 or more) and $99 if the median falls in the lowest category (Less than $100). (The "Standard Distributions" section below shows the open-ended intervals for medians.)

Standard distributions. In order to provide consistency in the values within and among data products, standard distributions from which medians and quartiles are calculated are used for Census 2000. This is a new approach for Census 2000; in previous censuses medians were not necessarily based on a single, standard distribution. The Census 2000 standard distributions are listed below.

Standard Distribution for **Median Age:**
[116 data cells]

  Under 1 year
  1 year
  2 years
  3 years
  4 years
  5 years
  .
  .
  .
  112 years
  113 years
  114 years
  115 years and over

Standard Distribution for **Median Contract Rent/Quartile Contract Rent/Rent Asked/Gross Rent:**
[22 data cells]

  Less than $100
  $100 to $149
  $150 to $199
  $200 to $249
  $250 to $299
  $300 to $349
  $350 to $399
  $400 to $449
  $450 to $499
  $500 to $549
  $550 to $599
  $600 to $649
  $650 to $699
  $700 to $749
  $750 to $799
  $800 to $899
  $900 to $999
  $1,000 to $1,249
  $1,250 to $1,499
  $1,500 to $1,749
  $1,750 to $1,999
  $2,000 or more

Definitions of Subject Characteristics

Standard Distribution for **Median Earnings in 1999 and Median Income in 1999 (Individuals):**

[36 data cells]

$1 to $999 or loss
$1,000 to $2,499
$2,500 to $4,999
$5,000 to $7,499
$7,500 to $9,999
$10,000 to $12,499
$12,500 to $14,999
$15,000 to $17,499
$17,500 to $19,999
$20,000 to $22,499
$22,500 to $24,999
$25,000 to $27,499
$27,500 to $29,999
$30,000 to $32,499
$32,500 to $34,999
$35,000 to $37,499
$37,500 to $39,999
$40,000 to $42,499
$42,500 to $44,999
$45,000 to $47,499
$47,500 to $49,999
$50,000 to $52,499
$52,500 to $54,999
$55,000 to $57,499
$57,500 to $59,999
$60,000 to $62,499
$62,500 to $64,999
$65,000 to $67,499
$67,500 to $69,999
$70,000 to $72,499
$72,500 to $74,999
$75,000 to $79,999
$80,000 to $84,999
$85,000 to $89,999
$90,000 to $99,999
$100,000 or more

Standard Distribution for **Median Gross Rent as a Percentage of Household Income in 1999:**

[9 data cells]

Less than 10.0 percent
10.0 to 14.9 percent
15.0 to 19.9 percent
20.0 to 24.9 percent
25.0 to 29.9 percent
30.0 to 34.9 percent
35.0 to 39.9 percent
40.0 to 49.9 percent
50.0 percent or more

Standard Distribution for **Median Income in 1999 (Household/Family/Nonfamily Household):**
[40 data cells]

Less than $1,000
$1,000 to $2,499
$2,500 to $4,999
$5,000 to $7,499
$7,500 to $9,999
$10,000 to $12,499
$12,500 to $14,999
$15,000 to $17,499
$17,500 to $19,999
$20,000 to $22,499
$22,500 to $24,999
$25,000 to $27,499
$27,500 to $29,999
$30,000 to $32,499
$32,500 to $34,999
$35,000 to $37,499
$37,500 to $39,999
$40,000 to $42,499
$42,500 to $44,999
$45,000 to $47,499
$47,500 to $49,999
$50,000 to $52,499
$52,500 to $54,999
$55,000 to $57,499
$57,500 to $59,999
$60,000 to $62,499
$62,500 to $64,999
$65,000 to $67,499
$67,500 to $69,999
$70,000 to $72,499
$72,500 to $74,999
$75,000 to $79,999
$80,000 to $84,999
$85,000 to $89,999
$90,000 to $99,999
$100,000 to $124,999
$125,000 to $149,999
$150,000 to $174,999
$175,000 to $199,999
$200,000 or more

Standard Distribution for **Median Real Estate Taxes:**
[14 data cells]

    Less than $200
    $200 to $299
    $300 to $399
    $400 to $599
    $600 to $799
    $800 to $999
    $1,000 to $1,499
    $1,500 to $1,999
    $2,000 to $2,999
    $3,000 to $3,999
    $4,000 to $4,999
    $5,000 to $7,499
    $7,500 to $9,999
    $10,000 or more

Standard Distribution for **Median Rooms:**
[9 data cells]

    1 room
    2 rooms
    3 rooms
    4 rooms
    5 rooms
    6 rooms
    7 rooms
    8 rooms
    9 or more rooms

Standard Distribution for **Median Selected Monthly Owner Costs by Mortgage Status (With a Mortgage):**
[19 data cells]

    Less than $100
    $100 to $199
    $200 to $299
    $300 to $399
    $400 to $499
    $500 to $599
    $600 to $699
    $700 to $799
    $800 to $899
    $900 to $999
    $1,000 to $1,249
    $1,250 to $1,499
    $1,500 to $1,749
    $1,750 to $1,999
    $2,000 to $2,499
    $2,500 to $2,999
    $3,000 to $3,499
    $3,500 to $3,999
    $4,000 or more

Standard Distribution for **Median Selected Monthly Owner Costs by Mortgage Status (Without a Mortgage):**
[14 data cells]
  Less than $100
  $100 to $149
  $150 to $199
  $200 to $249
  $250 to $299
  $300 to $349
  $350 to $399
  $400 to $499
  $500 to $599
  $600 to $699
  $700 to $799
  $800 to $899
  $900 to $999
  $1,000 or more

Standard Distribution for **Median Selected Monthly Owner Costs as a Percentage of Household Income in 1999 by Mortgage Status:**
[9 data cells]
  Less than 10.0 percent
  10.0 to 14.9 percent
  15.0 to 19.9 percent
  20.0 to 24.9 percent
  25.0 to 29.9 percent
  30.0 to 34.9 percent
  35.0 to 39.9 percent
  40.0 to 49.9 percent
  50.0 percent or more

Standard Distribution for **Median Usual Hours Worked Per Week in 1999:**
[9 data cells]
  Usually worked 50 to 99 hours per week
  Usually worked 45 to 49 hours per week
  Usually worked 41 to 44 hours per week
  Usually worked 40 hours per week
  Usually worked 35 to 39 hours per week
  Usually worked 30 to 34 hours per week
  Usually worked 25 to 29 hours per week
  Usually worked 15 to 24 hours per week
  Usually worked 1 to 14 hours per week

Standard Distribution for **Median Value/Quartile Value/Price Asked:**
[24 data cells]
  Less than $10,000
  $10,000 to $14,999
  $15,000 to $19,999
  $20,000 to $24,999
  $25,000 to $29,999
  $30,000 to $34,999
  $35,000 to $39,999
  $40,000 to $49,999
  $50,000 to $59,999
  $60,000 to $69,999
  $70,000 to $79,999
  $80,000 to $89,999
  $90,000 to $99,999
  $100,000 to $124,999
  $125,000 to $149,999
  $150,000 to $174,999
  $175,000 to $199,999
  $200,000 to $249,999
  $250,000 to $299,999
  $300,000 to $399,999
  $400,000 to $499,999
  $500,000 to $749,999
  $750,000 to $999,999
  $1,000,000 or more

Standard Distribution for **Median Weeks Worked in 1999:**
[6 data cells]
  50 to 52 weeks worked in 1999
  48 or 49 weeks worked in 1999
  40 to 47 weeks worked in 1999
  27 to 39 weeks worked in 1999
  14 to 26 weeks worked in 1999
  1 to 13 weeks worked in 1999

Standard Distribution for **Median Year Householder Moved Into Unit:**
[6 data cells]
  Moved in 1999 to March 2000
  Moved in 1995 to 1998
  Moved in 1990 to 1994
  Moved in 1980 to 1989
  Moved in 1970 to 1979
  Moved in 1969 or earlier

Standard Distribution for **Median Year Structure Built:**
[9 data cells]

  Built 1999 to March 2000
  Built 1995 to 1998
  Built 1990 to 1994
  Built 1980 to 1989
  Built 1970 to 1979
  Built 1960 to 1969
  Built 1950 to 1959
  Built 1940 to 1949
  Built 1939 or earlier

Percentage

This measure is calculated by taking the number of items in a group possessing a characteristic of interest and dividing by the total number of items in that group, and then multiplying by 100.

Quartile

This measure divides a distribution into four equal parts. The first quartile (or lower quartile) is the value that defines the upper limit of the lowest one-quarter of the cases. The second quartile is the median. The third quartile (or upper quartile) is defined as the upper limit of the lowest three quarters of cases in the distribution. Quartiles are presented for certain financial characteristics, such as housing value and contract rent. The distribution used to compute quartiles is the same as that used to compute medians for that variable.

Rate

This is a measure of occurrences in a given period of time divided by the possible number of occurrences during that period. For example, the homeowner vacancy rate is calculated by dividing the number of vacant units "for sale only" by the sum of owner-occupied units and vacant units that are "for sale only," and then multiplying by 100. Rates are sometimes presented as percentages.

Ratio

This is a measure of the relative size of one number to a second number expressed as the quotient of the first number divided by the second. For example, the sex ratio is calculated by dividing the total number of males by the total number of females, and then multiplying by 100.

Appendix C.
Data Collection and Processing Procedures

CONTENTS

INTRODUCTION

The Census Bureau conducted the Census 2000 operations in the U.S. Virgin Islands in partnership with the government of the U.S. Virgin Islands. This partnership ensured that Census 2000 data met federal legal requirements, as well as the specific needs of the U.S. Virgin Islands. The Census 2000 operations in the U.S. Virgin Islands were built around the following three strategies:

- **Strategy One: Build Partnerships at Every Stage of the Process.** The Census Bureau and the government of the U.S. Virgin Islands developed and signed a Memorandum of Agreement (MOA) that outlined mutual roles and responsibilities. In consultation with the government of the U.S. Virgin Islands, census questionnaire content was developed to meet the legislative and programmatic needs of the U.S. Virgin Islands. A separate advertisement and promotion campaign was developed for the U.S. Virgin Islands to build awareness of the census and boost participation.

  Census 2000 in the U.S. Virgin Islands was conducted using the list/enumerate procedure. This decision was based on recommendations from U.S. Virgin Islands' representatives and an analysis of the various data collection methodologies. Unlike the stateside list/enumerate procedures, the United States Post Office delivered Advance Census Reports (ACRs), D-13-VI, to residential addresses in the U.S. Virgin Islands. Respondents were instructed to complete the form and hold it for an enumerator to pick up.

- **Strategy Two: Keep it Simple.** Using the findings from our stateside census testing and research, the Census Bureau designed respondent-friendly questionnaires and forms that were simpler and easier for respondents to understand and answer and for the enumerators to administer.

  Questionnaires were available in English. Locally produced questionnaire guides were available in Spanish and other languages spoken in the U.S. Virgin Islands.

  Be Counted questionnaires were readily available to respondents in convenient locations identified through consultation with local partners.

- **Strategy Three: Use Technology.** The Census Bureau made greater use of the telephone as a data collection tool, in addition to its use in providing assistance to respondents with questions about Census 2000.

  The Census Bureau developed an Office Control System software package for the U.S. Virgin Islands. The system was designed to check-in questionnaires and address registers and locate any duplicates or missing questionnaires. The control system also was available at Headquarters to receive status reports.

HEADQUARTERS AND FIELD OFFICE STAFFING

Headquarters: The Decennial Management Division (DMD). The DMD provided overall guidance to the U.S. Virgin Islands regarding field office infrastructure based on staffing requirements for planned data collection and office operations. The DMD provided the U.S. Virgin Islands with a calendar of operations and monitored all census data collection operations with the help of the Census Advisor assigned to the U.S. Virgin Islands. As in previous censuses, headquarters staff developed all field and office use forms, procedures, and training materials. The U.S. Virgin Islands was consulted and informed about the development and content of these materials.

Regional Census Center (RCC). The Boston RCC had responsibility for conducting the TIGER database updates and for working with the U.S. Virgin Islands on the participant statistical programs. The Boston RCC also was responsible for producing maps (other than those used by enumerators) for the U.S. Virgin Islands.

Local Census Office (LCO). The Government of the U.S. Virgin Islands established two LCOs, one in St. Thomas and one in St. Croix. The Governor of the U.S. Virgin Islands, through the terms of the MOA, was responsible for selecting the Census Manager for the LCOs. The Census Manager was responsible for the overall coordination and administration of the LCO, including staffing, payroll, and census field and office operations. Other staff in the LCO included the Partnership/Media Specialist, the Assistant Manager for Field Operations (AMFO), the Geographic Specialist, the Field Operations Supervisor (FOS), the Assistant Manager for Office Operations (AMOO), crew leaders, and enumerators.

A Census Bureau employee was appointed to work with the Census Manager. This person, designated as the Census Advisor, worked in the LCOs with the local census staff and was responsible for ensuring procedures were followed during all office and field data collection activities.

National Processing Center (NPC), Jeffersonville, Indiana. Once the LCOs closed, the U.S. Virgin Islands address registers, maps, and questionnaires were shipped to the NPC in Jeffersonville, Indiana, for check-in, keying, the digitizing of map spots and map features and data capture.

ENUMERATION AND RESIDENCE RULES

In accordance with census practice dating back to the first decennial census of the U.S. Virgin Islands in 1930, each person was to be enumerated as an inhabitant of his or her "usual residence" in Census 2000. Usual residence is the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of rules for certain categories of people whose usual place of residence is not immediately apparent. Furthermore, this practice means that people were not always counted as residents of the place where they happened to be staying on Census Day (April 1, 2000).

Enumeration rules. Each person whose usual residence was in the U.S. Virgin Islands was to be included in the census, without regard to the person's legal status or citizenship. As in previous censuses, people specifically excluded from the census were citizens of foreign countries temporarily traveling or visiting in the U.S. Virgin Islands who had not established a residence.

Residents of the U.S. Virgin Islands temporarily overseas were to be enumerated at their usual residence in the U.S. Virgin Islands. Persons with a usual residence outside the U.S. Virgin Islands were not enumerated in Census 2000.

Data Collection and Processing Procedures

Residence rules. Each person included in the census was to be counted at his or her usual residence – the place where he or she lives and sleeps most of the time. If a person had no usual residence, the person was to be counted where he or she was staying on Census Day.

People temporarily away from their usual residence on Census Day, such as on a vacation or business trip, were to be counted at their usual residence.

Armed forces personnel in the U.S. Virgin Islands. Members of the U.S. Armed Forces were counted at their usual residence (the place where they lived and slept most of the time) whether it was on or off the military installation. Family members of armed forces personnel were counted at their usual residence (for example, with the armed forces person or at another location).

Personnel assigned to each Navy and Coast Guard vessel with a U.S. homeport were given the opportunity to report an onshore residence where they usually stayed when they were off the ship. Those who reported an onshore residence were counted there; those who did not were counted at their vessel's homeport.

Personnel on U.S. flag merchant vessels. Crews of U.S. flag merchant vessels docked in a U.S. Virgin Islands port or sailing from one U.S. Virgin Islands port to another U.S. Virgin Islands port were counted at their usual onshore residence if they reported one. Those who did not were counted as residents of the ship and were assigned as follows:

- The U.S. Virgin Islands port if the vessel was docked there on Census Day.

- The port of departure if the ship was sailing from one U.S. Virgin Islands port to another U.S. Virgin Islands port.

The following crews of U.S. merchant ships were not counted in the U.S. Virgin Islands census:

- Those docked in a port other than in the U.S. Virgin Islands.

- Those sailing from a U.S. Virgin Islands port to a non-U.S. Virgin Islands port.

- Those sailing from a non-U.S. Virgin Islands port to a U.S. Virgin Islands port.

People away at school. College students were counted as residents of the area in which they were living while attending college, as they have been since the 1950 census. Children in boarding schools below the college level were counted at their parental home.

People in institutions. People under formally authorized, supervised care or custody, such as in local jails; juvenile institutions; nursing or convalescent homes for the aged or dependent; homes, schools, hospitals, or wards for the physically handicapped, mentally retarded, or mentally ill; or in drug/alcohol recovery facilities were counted at these places.

People in general hospitals. People in general hospitals or wards (including Veterans' Affairs hospitals) on Census Day were counted at their usual residence. Newborn babies were counted at the residence where they would be living.

People in shelters. People staying on Census Day at emergency or transitional shelters with sleeping facilities for people without housing, such as for abused women or runaway or neglected youth, were counted at the shelter.

People with multiple residences. People who lived at more than one residence during the week, month, or year were counted at the place where they lived most of the time.

People away from their usual residence on Census Day. Temporary, migrant, or seasonal workers who did not report a usual U.S. residence elsewhere were counted as residents of the place where they were on Census Day.

In some areas, natural disasters (hurricanes, tornadoes, flooding, and so forth) displaced households from their usual place of residence. If these people reported a destroyed or damaged residence as their usual residence, they were counted at that location.

People away from their usual residence were counted by means of interviews with other members of their families, resident managers, or neighbors.

DATA COLLECTION PROCEDURES

Enumeration of housing units.   Beginning in late March, enumerators visited and listed every housing unit and collected the ACR from the household if it was completed prior to the enumerator's visit. Otherwise, the enumerator conducted a personal interview to complete a simplified enumerator questionnaire (D-2(E)VI) at each housing unit or recorded vacant housing information at vacant units. Enumerators also developed an address list for their assigned area and map spotted each living quarter's location on a map.

The ACR and the enumerator questionnaire contained all questions asked of every person at every housing unit. Each questionnaire contained both basic (stateside 100-percent equivalent) and detailed (stateside sample equivalent) population and housing questions. Only housing information was obtained from vacant housing units.

Clerical edit and coding. The enumerators conducted an initial check of the questionnaires for completeness and consistency. The census office staff performed additional edit checks. Failed edit cases that didn't have a telephone number or for whom the office attempt to telephone failed, were assigned for Field follow-up.

The coding of all written entries, including relationship, race, Hispanic origin, language, place of birth, migration, place of work, and industry and occupation was done at the U.S. Virgin Islands Local Census Offices (LCOs). Coded questionnaires were sent to the National Processing Center (NPC) in Jeffersonville, Indiana, for data capture.

Field follow-up. Follow-up enumerators visited each address in the U.S. Virgin Islands for which questionnaires were missing to obtain a completed questionnaire. They returned to the households that could not be reached by telephone to complete missing or incomplete items on the questionnaires that failed clerical edit. Enumerators also visited housing units that were enumerated as vacant to verify that they were vacant on Census Day. If they were not vacant on Census Day, they collected the appropriate information for the housing unit. If a follow-up enumerator determined that the unit was vacant on Census Day, regardless of the present occupancy status, the enumerator obtained information about the unit from a neighbor or other knowledgeable source and filled out a questionnaire for that unit, completing specified items on the questionnaire for vacant units.

Collecting Data on Populations Living in Nontraditional Households

During a decennial census, the Census Bureau not only counts people living in houses and apartments, but also must count people who live in group quarters and other nontraditional housing units, as well as people with no usual residence. Group quarters include nursing homes, group homes, college dormitories, migrant and seasonal farm worker camps, and military barracks or installations.

Some of the methods that were used for these special populations are listed below:

- Group quarters enumeration identified the location of all group living quarters and made advance visits to each special place. (A special place is a place containing one or more group quarters where people live or stay other than the usual house or apartment.) Census staff listed all residents at group quarters in April 2000 and distributed questionnaire packets.

- The Census Bureau designed an operation for Census 2000 called Service-Based Enumeration (SBE) to improve the count of individuals who might not be included through standard enumeration methods. The SBE operation was conducted in selected service locations, such as shelters and soup kitchens, and targeted nonsheltered outdoor locations.

- Another special operation counted highly transient individuals living at recreational vehicle campgrounds and parks, commercial or public campgrounds, marinas, and workers' quarters at fairs and carnivals.

- The Census Bureau worked with the Department of Defense and the U.S. Coast Guard to count individuals living on military installations, and with the U.S. Maritime Administration to identify maritime vessels for enumeration.

Be Counted Program

The Be Counted Questionnaires were available for people who believed they did not receive a questionnaire or were not included on a census form. Be Counted Questionnaires were placed at locations people frequent, such as post offices, community centers, and other convenient places.

The U.S. Virgin Islands Be Counted Questionnaires contained both the basic and detailed population and housing questions and were available in English.

PROCESSING PROCEDURES

The U.S. Virgin Islands questionnaires were processed in the Census Bureau's Jeffersonville, Indiana processing office. The information supplied to the enumerator by the respondent was recorded by marking the answers in the appropriate boxes and, in some cases, entering a write-in response.

The data processing was performed in several stages. All questionnaires passed through a check-in procedure upon their arrival at the processing office. The U.S. Virgin Islands questionnaires were keyed, and the resulting file was sent to the Census Bureau headquarters for editing and tabulating operations. The files were prepared at headquarters using the Integrated Microcomputer Processing System (IMPs).

GLOSSARY

100-Percent Data

Information based on population and housing questions collected from every inhabitant and housing unit in the U.S. Virgin Islands.

Address List Review

As part of the Memorandum of Agreement for the U.S. Virgin Islands, the governor designated a committee to review the Address Listing Pages and census maps once census enumeration was complete. The committee compared the local estimates for housing unit counts and the group quarters population with the census results shown on the local review map spotted maps and Address Listing Pages. Any problems were documented on a Local Government Review Listing Form and resolved before the LCOs closed.

Advance Notice Letter

This letter was part of the questionnaire mailing strategy. This strategy included a blanket mailing to all residential customers of an advance notice letter, followed by a blanket mailing of advance questionnaires.

American FactFinder (AFF)

An electronic system for access and dissemination of Census Bureau data. The system is available through the Internet and offers prepackaged data products and the ability to build custom products. The system serves as the vehicle for accessing and disseminating data from Census 2000. The system was formerly known as the Data Access and Dissemination System (DADS).

Be Counted Enumeration and Be Counted Form

The Be Counted enumeration procedure targets areas that are traditionally undercounted. Unaddressed census questionnaires (Be Counted forms) are placed at selected sites where people who believe they were not counted can pick them up, complete them, and mail them to the Local Census Office. The sites are in targeted areas that local government and community groups, in conjunction with the Census Bureau, identify.

Census 2000 Publicity Office (C2PO)

An office at the Census Bureau which developed, implemented, and coordinated an integrated marketing program for Census 2000, including paid advertising, public relations, partnerships, and local outreach.

Confidentiality

The guarantee made by law (Title 13, United States Code) to individuals who provide census information regarding nondisclosure of that information to others.

Confidentiality Edit

The name for the Census 2000 disclosure avoidance procedure.

Data Access and Dissemination System (DADS)

The system is now known as the American FactFinder (AFF).

Decennial Census

The Census of Population and Housing, taken by the Census Bureau in years ending in 0 (zero). Article I of the Constitution requires that a census be taken every 10 years for the purpose of reapportioning the U.S. House of Representatives. Title 13 of the U.S. Code, which sets out the basic laws under which the Census Bureau conducts the census, specifies that the U.S. Virgin Islands shall be included in the decennial census.

Derived Measures

Census data products include various derived measures, such as medians, means, and percentages, as well as certain rates and ratios. Derived measures that round to less than 0.1 are normally indicated as 0.

Disclosure Avoidance (DA)

Statistical methods used in the tabulation of data prior to releasing data products to ensure the confidentiality of responses.

Family

A group of two or more people who reside together and who are related by birth, marriage, or adoption.

Field Follow-Up

Field follow-up (FFU) in the U.S.Virgin Islands was an operation designed to collect missing questionnaires, follow-up on questionnaires that failed edit, and verify housing units classified as vacant. This operation was designed to improve data quality and coverage.

Geocoding

A code assigned to identify a geographic entity; to assign an address (such as a housing unit, business, industry, farm) to the full set of geographic code(s) applicable to the location of that address on the surface of the Earth.

Group Quarters

A facility where people live that is not a typical household-type living arrangement. The Census Bureau classifies all individuals not living in housing units as living in group quarters. There are two types of group quarters: institutional (for example, correctional facilities, nursing homes, and mental hospitals) and noninstitutional (for example, college dormitories, military barracks and military ships, maritime vessels, group homes, missions, and shelters).

Household

Household refers to all of the people who occupy a housing unit.

Housing Unit

A housing unit is a house, an apartment, a mobile home or trailer, a group of rooms, or a single room occupied as a separate living quarters, or if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live separately from any other individuals in the building and that have direct access from outside the building or through a common hall. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible.

Imputation

When information is missing or inconsistent, the Census Bureau uses a method called imputation to assign values. Imputation relies on the statistical principle of "homogeneity," or the tendency of households within a small geographic area to be similar in most characteristics. For example, the value of "rented" is likely to be imputed for a housing unit not reporting on owner/renter status in a neighborhood with multiunits or apartments where other respondents reported "rented" on the census questionnaire. In past censuses, when the occupancy status or the number of residents was not known for a housing unit, this information was imputed.

Interpolation

Interpolation frequently is used in calculating medians or quartiles based on interval data and in approximating standard errors from tables. Linear interpolation is used to estimate values of a function between two known values. Pareto interpolation is an alternative to linear interpolation. In Pareto interpolation, the median is derived by interpolating between the logarithms of the upper and lower income limits of the median category. It is used by the Census Bureau in calculating median income within intervals wider than $2,500.

List/Enumerate

In the U.S. Virgin Islands a method of data collection in which temporary field staff, called enumerators, list each residential address, spot the location of each on a census map, and pick up the completed ACR or interview the residents of the household during a single visit. This completes the census address list for these areas, provides the information needed to update the TIGER database, and provides a starting point for building a Master Address File for the U.S. Virgin Islands (see definitions below).

Master Address File (MAF)

A computer-based file of addresses. Information collected from Census 2000 will be used as the starting point for building a MAF for the U.S. Virgin Islands.

Metadata

Information about the content, quality, condition, and other characteristics of data.

Quality Assurance (QA)

Quality assurance represents a broad philosophy and specific procedures that are designed to build quality into the system, constantly improve the system, and integrate responsibility for quality with production.

Questionnaire Mailing Strategy

For Census 2000 in the U.S. Virgin Islands, the United States Post Office delivered an Advance Letter and Advance Census Reports (ACRs) to residential postal customers in the U.S. Virgin Islands. Respondents were instructed to complete the form and hold it for an enumerator to pick up.

Seasonal/Recreational/Occasional Use

A housing unit held for occupancy only during limited portions of the year, such as a beach cottage, or time-share condominium.

Separate Living Quarters

Those living quarters in which the occupants live separately from any other individual in the building and which have direct access from outside the building or through a common hall. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible.

Service-Based Enumeration (SBE)

An operation designed to enumerate people at selected service locations that serve people without conventional housing. The SBE locations include shelters, soup kitchens, and targeted nonsheltered outdoor locations.

Service Locations

Locations where clients are enumerated during the service-based enumeration operation, such as emergency or transitional shelters, soup kitchens, and targeted nonsheltered outdoor locations.

Simplified Enumerator Questionnaire (SEQ)

In the U.S. Virgin Islands, if a household did not complete their Advanced Census Report (ACR) or did not receive an ACR in the mail, enumerators were instructed to conduct an interview at the household using the "simplified enumerator questionnaire" designed for personal interview situations. This questionnaire also was used for transient, or T-night enumeration, and when conducting Field follow-up in the U.S. Virgin Islands.

Soup Kitchens

Includes soup kitchens, food lines, and programs distributing prepared breakfasts, lunches, or dinners. These programs may be organized as food service lines, bag or box lunches, or tables where people are seated, then served by program personnel. These programs may or may not have a place for clients to sit and eat the meal. These are service locations.

Special Place

A place containing one or more group quarters where people live or stay other than the usual house or apartment. Examples are colleges and universities, nursing homes, hospitals, and prisons. Special places may have both group quarters and housing units associated with them.

Special Place Update

Special Place Update was a procedure used in the U.S. Virgin Islands to verify location information for living quarters at special places. The Crew Leader Assistant interviewed an official at each special place for the purpose of collecting address information for the special place and any associated group quarters and housing units, determining the type of special place/group quarters, and map spotting the special place and any housing units and/or group quarters associated with it.

State Data Center (SDC)

A state agency or university facility identified by the governor of each state or state equivalent to participate in the Census Bureau's cooperative network for the dissemination of census data. SDCs also provide demographic data to local agencies participating in the Census Bureau's statistical areas programs and assist the Census Bureau in the delineation and identification of statistical areas. In the U.S. Virgin Islands, the State Data Center is the University of the Virgin Islands Eastern Caribbean Center.

Summary File (SF)

A series of census summary tabulations of population and housing data available for public use on CD-ROM and the Internet. In 1990, these files were available on computer tapes and, as a result, were known as summary tape files (STF).

Summary Table

A collection of one or more data elements that are classified into some logical structure either as dimensions or data points.

Tabulation Block

A physical block that does not have any legal or statistical boundaries passing through it; or each portion of a physical block after the Census Bureau recognizes any legal or statistical boundaries that pass through it.

Targeted Nonsheltered Outdoor Location

A geographically identifiable outdoor location open to the elements where there is evidence that people who do not usually receive services at shelters and soup kitchens might be living without paying to stay there. These sites must have a specific location description that allows a census enumeration team to physically locate the site and excludes pay-for-use campgrounds, drop-in centers, post offices, hospital emergency rooms, and commercial sites (including all-night theaters and all-night diners).

Title 13 (United States Code)

The law under which the Census Bureau operates and that guarantees the confidentiality of census information and establishes penalties for disclosing this information.

Topologically Integrated Geographic Encoding and Referencing (TIGER)

A computer database that contains a digital representation of all census-required map features (streets, roads, rivers, and so forth), the related attributes for each (street names, etc.), and the geographic identification codes for all entities used by the Census Bureau to tabulate data for the U.S. Virgin Islands. The TIGER database records the interrelationships among these features, attributes, and geographic codes and provides a resource for the production of maps and entity headers for data tabulations.

Transient Night (T-Night)/T-Night Enumeration (TNE)

A method of enumeration in which Census Bureau staff enumerate people at transient locations, such as campgrounds at race tracks, recreational vehicle campgrounds or parks, commercial or public campgrounds, fairs and carnivals, and marinas. Enumerators conduct a personal interview using a Simplified Enumerator Questionnaire. No vacant units are generated by this operation.

Type of Enumeration Area (TEA)

A classification identifying how the Census Bureau takes the decennial census of a geographic area. Examples of TEAs include (1) the area inside the "blue line" – this is the mailout/mailback and urban update/leave operations area, (2) address listing areas, (3) list/enumerate areas, and (4) remote areas of Alaska. The U.S. Virgin Islands was a TEA(3) - list/enumerate area.

Usual Home Elsewhere (UHE)

A housing unit that is temporarily occupied by a person(s) who has a usual home elsewhere.

Usual Residence

The place where a person lives and sleeps most of the time.

Whole Household Usual Home Elsewhere (WHUHE)

See Usual Home Elsewhere.

Appendix D.
Questionnaire

Census 2000

U.S. Department of Commerce
Bureau of the Census

This is the official form for all the people at this address. It is quick and easy, and your answers are protected by law. Complete the Census and help your community get what it needs — today and in the future!

Start Here   Please use a black or

1 **How many people were living or staying in this house, apartment, or mobile home on April 1, 2000?**

Number of people

INCLUDE in this number:
- foster children, roomers, or housemates
- people staying here on April 1, 2000 who have no other permanent place to stay
- people living here most of the time while working, even if they have another place to live

DO NOT INCLUDE in this number:
- college students living away while attending college
- people in a correctional facility, nursing home, or mental hospital on April 1, 2000
- Armed Forces personnel living somewhere else
- people who live or stay at another place most of the time

➡ **Please turn the page and print the names of all the people living or staying here on April 1, 2000.**

Please fill out your form promptly. A census worker will visit your home to pick up your completed questionnaire or assist you if you have questions.

The Census Bureau estimates that, for the average household, this form will take about 40 minutes to complete, including the time for reviewing the instructions and answers. Comments about the estimate should be directed to the Associate Director for Finance and Administration, Attn: Paperwork Reduction Project 0607-0860, Room 3104, Federal Building 3, Bureau of the Census, Washington, DC 20233.

Respondents are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget.

List of Persons

➡️ **Please be sure you answered question 1 on the front page before continuing.**

2 **Please print the names of all the people who you indicated in question 1 were living or staying here on April 1, 2000.**

Example — Last Name

J	O	H	N	S	O	N									

First Name | MI

R	O	B	I	N											J

Start with the person, or one of the people living here who owns, is buying, or rents this house, apartment, or mobile home. If there is no such person, start with any adult living or staying here.

Person 1 — Last Name

First Name | MI

Person 2 — Last Name

First Name | MI

Person 3 — Last Name

First Name | MI

Person 4 — Last Name

First Name | MI

Person 5 — Last Name

First Name | MI

Person 6 — Last Name

First Name | MI

Person 7 — Last Name

First Name | MI

Person 8 — Last Name

First Name | MI

Person 9 — Last Name

First Name | MI

Person 10 — Last Name

First Name | MI

Person 11 — Last Name

First Name | MI

Person 12 — Last Name

First Name | MI

➡️ **Next, answer questions about Person 1.**

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2

Questionnaire

U.S. Census Bureau, Census 2000

Person 1

Your answers are important! Every person in the Census counts.

1 What is this person's name? *Print the name of Person 1 from page 2.*

Last Name

First Name   MI

2 What is this person's telephone number? *We may contact this person if we don't understand an answer.*

Area Code + Number

— —

3 What is this person's sex? *Mark* $\boxed{X}$ *ONE box.*

☐ Male
☐ Female

4 What is this person's age and what is this person's date of birth?

Age on April 1, 2000

Print numbers in boxes.

Month   Day   Year of birth

➡ **NOTE: Please answer BOTH Questions 5 and 6.**

5 Is this person Spanish/Hispanic/Latino?
Mark $\boxed{X}$ *the "No" box if* **not** *Spanish/Hispanic/Latino.*

☐ **No**, not Spanish/Hispanic/Latino
☐ Yes, Mexican, Mexican Am., Chicano
☐ Yes, Puerto Rican
☐ Yes, Cuban
☐ Yes, other Spanish/Hispanic/Latino — *Print group.* ↙

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6 What is this person's race? *Mark* $\boxed{X}$ *one or more races to indicate what this person considers himself/herself to be.*

☐ White
☐ Black, African Am., or Negro
☐ American Indian or Alaska Native — *Print name of enrolled or principal tribe.* ↙

☐ Asian Indian
☐ Chinese
☐ Filipino
☐ Japanese
☐ Korean
☐ Vietnamese
☐ Other Asian — *Print race.* ↙

☐ Native Hawaiian
☐ Guamanian or Chamorro
☐ Samoan
☐ Other Pacific Islander — *Print race.* ↙

☐ Some other race — *Print race.* ↙

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7 What is this person's marital status?

☐ Now married
☐ Widowed
☐ Divorced
☐ Separated
☐ Never married

8 a. At any time since February 1, 2000, has this person attended regular school or college? *Include only nursery school or preschool, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree.*

☐ No, has not attended since February 1 → *Skip to 9a*
☐ Yes, public school, public college
☐ Yes, private school, private college

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3

Questionnaire   D–3

U.S. Census Bureau, Census 2000

8 b. What grade or level was this person attending?
Mark ☒ ONE box.

- ☐ Nursery school, preschool
- ☐ Kindergarten
- ☐ Grade 1 to grade 4
- ☐ Grade 5 to grade 8
- ☐ Grade 9 to grade 12
- ☐ College undergraduate years (freshman to senior)
- ☐ Graduate or professional school *(for example: medical, dental, or law school)*

9 a. What is the highest degree or level of school this person has COMPLETED? *Mark ☒ ONE box.*
If currently enrolled, mark the previous grade or highest degree received.

- ☐ No schooling completed
- ☐ Nursery school to 4th grade
- ☐ 5th grade or 6th grade
- ☐ 7th grade or 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade, **NO DIPLOMA**
- ☐ **HIGH SCHOOL GRADUATE —** high school DIPLOMA or the equivalent *(for example: GED)*
- ☐ Some college credit, but less than 1 year
- ☐ 1 or more years of college, no degree
- ☐ Associate degree *(for example: AA, AS)*
- ☐ Bachelor's degree *(for example: BA, AB, BS)*
- ☐ Master's degree *(for example: MA, MS, MEng, MEd, MSW, MBA)*
- ☐ Professional degree *(for example: MD, DDS, DVM, LLB, JD)*
- ☐ Doctorate degree *(for example: PhD, EdD)*

b. Has this person completed the requirements for a vocational training program at a trade school, business school, hospital, some other kind of school for occupational training, or place of work? *Do not include academic college courses.*

- ☐ No
- ☐ Yes, in the U.S. Virgin Islands
- ☐ Yes, not in the U.S. Virgin Islands

10 a. Does this person speak a language other than English at home?

- ☐ Yes
- ☐ No → *Skip to 11*

b. What is this language?

| | | | | | | | | | | | | | | | | | | |

(For example: French, Spanish, Chinese, Italian)

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10 c. How well does this person speak English?

- ☐ Very well
- ☐ Well
- ☐ Not well
- ☐ Not at all

11 Where was this person born? *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country.*

| | | | | | | | | | | | | | | | | | | |

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12 Is this person a CITIZEN of the United States?

- ☐ Yes, born in the U.S. Virgin Islands → *Skip to 14a*
- ☐ Yes, born in the United States, Puerto Rico, Guam, or Northern Mariana Islands
- ☐ Yes, born abroad of U.S. parent or parents
- ☐ Yes, a U.S. citizen by naturalization
- ☐ No, not a U.S. citizen (permanent resident)
- ☐ No, not a U.S. citizen (temporary resident)

13 When did this person come to the U.S. Virgin Islands to stay? If this person has entered the area more than once, what is the latest year? *Print numbers in boxes.*

Year

| | | | |

14 a. Where was this person's mother born? *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country.*

| | | | | | | | | | | | | | | | | | | |

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b. Where was this person's father born? *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country.*

| | | | | | | | | | | | | | | | | | | |

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15 a. Did this person live in this house or apartment 5 years ago (on April 1, 1995)?

- ☐ Person is under 5 years old → *Skip to 34*
- ☐ Yes, this house → *Skip to 16*
- ☐ No, different house

15 **b. Where did this person live 5 years ago?** *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country. If outside the U.S. Virgin Islands, print the answer below and skip to 16.*

| | | | | | | | | | | | | | | | | | |

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c. Name of city, town, or village

| | | | | | | | | | | | | | | | | |

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16 **Does this person have any of the following long-lasting conditions:**

Yes   No

a. Blindness, deafness, or a severe vision or hearing impairment?   ☐   ☐

b. A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying?

17 **Because of a physical, mental, or emotional condition lasting 6 months or more, does this person have any difficulty in doing any of the following activities:**

Yes   No

a. Learning, remembering, or concentrating?

b. Dressing, bathing, or getting around inside the home?

c. (Answer if this person is 16 YEARS OLD OR OVER.) Going outside the home alone to shop or visit a doctor's office?

d. (Answer if this person is 16 YEARS OLD OR OVER.) Working at a job or business?

18 **Was this person under 15 years of age on April 1, 2000?**

☐ Yes → *Skip to 34*

   No

19 **If this person is female, how many babies has she ever had, not counting stillbirths?** *Do not count stepchildren or children this person has adopted.*

None   ☐ 1   ☐ 6   ☐ 11
          2   7   12
          3   8   13
          4   9   14
          5   10   15 or more

20 **a. Does this person have any of his/her own grandchildren under the age of 18 living in this**

20 **b. Is this grandparent currently responsible for most of the basic needs of any grandchild(ren) under the age of 18 who live(s) in this house or apartment?**

☐ Yes

   No → *Skip to 21a*

c. How long has this grandparent been responsible for the(se) grandchild(ren)? *If the grandparent is financially responsible for more than one grandchild, answer the question for the grandchild for whom the grandparent has been responsible for the longest period of time.*

Less than 6 months

6 to 11 months

1 or 2 years

3 or 4 years

5 years or more

21 **a. Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard?** *Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.*

Yes, now on active duty

Yes, on active duty in past, but not now

No, training for Reserves or National Guard only → *Skip to 22*

No, never served in the military → *Skip to 22*

b. When did this person serve on active duty in the U.S. Armed Forces? *Mark ☒ a box for EACH period in which this person served.*

☐ April 1995 or later

   August 1990 to March 1995 (including Persian Gulf War)

   September 1980 to July 1990

   May 1975 to August 1980

   Vietnam era (August 1964—April 1975)

   February 1955 to July 1964

   Korean conflict (June 1950—January 1955)

   World War II (September 1940—July 1947)

   Some other time

c. In total, how many years of active-duty military service has this person had?

Less than 2 years

2 years or more

5

23 **At what location did this person work LAST WEEK?** *If this person worked at more than one location, print where he or she worked most last week.*

a. Name of the island in the U.S. Virgin Islands, or name of U.S. state, commonwealth, territory, or foreign country

| | | | | | | | | | | | | | | | | | | |

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b. Name of city, town, or village

| | | | | | | | | | | | | | | | | | | |

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24 **a. How did this person usually get to work LAST WEEK?** *If this person usually used more than one method of transportation during the trip, mark ☒ the box of the one used for most of the distance.*

☐ Car, truck, or van
☐ Bus
☐ Taxicab
☐ Motorcycle
☐ Safari or taxi bus
☐ Ferryboat or water taxi
☐ Walked
☐ Worked at home → *Skip to 28*
☐ Other method

➡ **If "Car, truck, or van" is marked in 24a, go to 24b. Otherwise, skip to 25a.**

24 **b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?**

☐ Drove alone
☐ 2 people
☐ 3 people
☐ 4 people
☐ 5 or 6 people
☐ 7 or more people

25 **a. What time did this person usually leave home to go to work LAST WEEK?**

| | : | | ☐ a.m. ☐ p.m.

b. How many minutes did it usually take this person to get from home to work LAST WEEK?

Minutes

| | |

➡ **Answer questions 26–27 for persons who did not work for pay or profit last week. Others skip to 28.**

26 **a. LAST WEEK, was this person on layoff from a job?**

☐ Yes → *Skip to 26c*
☐ No

b. LAST WEEK, was this person TEMPORARILY absent from a job or business?

☐ Yes, on vacation, temporary illness, labor dispute, etc. → *Skip to 27*
☐ No → *Skip to 26d*

c. Has this person been informed that he or she will be recalled to work within the next 6 months OR been given a date to return to work?

☐ Yes → *Skip to 26e*
☐ No

d. Has this person been looking for work during the last 4 weeks?

☐ Yes
☐ No → *Skip to 27*

e. LAST WEEK, could this person have started a job if offered one, or returned to work if recalled?

☐ Yes, could have gone to work
☐ No, because of own temporary illness
☐ No, because of all other reasons *(in school, etc.)*

27 **When did this person last work, even for a few days?**

☐ 1995 to 2000
☐ 1994 or earlier, or never worked → *Skip to 32*

28 **Industry or Employer —** *Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give the information for his/her last job or business since 1995.*

a. For whom did this person work? *If now on active duty in the Armed Forces, mark ☒ this box →* ☐ *and print the branch of the Armed Forces.*

Name of company, business, or other employer

| | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |

FOR OFFICE USE ONLY | | | |

28 **b. What kind of business or industry was this?**
Describe the activity at location where employed. (For example: hospital, newspaper publishing, mail order house, auto repair shop, bank)

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

c. Is this mainly — *Mark ⊠ ONE box.*
☐ Manufacturing?
☐ Wholesale trade?
☐ Retail trade?
☐ Other *(agriculture, construction, service, government, etc.)*?

29 **Occupation**

a. What kind of work was this person doing? *(For example: registered nurse, personnel manager, supervisor of order department, auto mechanic, accountant)*

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

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b. What were this person's most important activities or duties? *(For example: patient care, directing hiring policies, supervising order clerks, repairing automobiles, reconciling financial records)*

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

30 **Was this person —** *Mark ⊠ ONE box.*
☐ Employee of a PRIVATE-FOR-PROFIT company or business or of an individual, for wages, salary, or commissions
☐ Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization
☐ Local GOVERNMENT employee *(territorial, etc.)*
☐ Federal GOVERNMENT employee
☐ SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm
☐ SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm
☐ Working WITHOUT PAY in family business or farm

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31 **a. LAST YEAR, 1999, did this person work at a job or business at any time?**
☐ Yes
☐ No → *Skip to 32*

b. How many weeks did this person work in 1999?
Count paid vacation, paid sick leave, and military service.
Weeks

| | |

c. During the weeks WORKED in 1999, how many hours did this person usually work each WEEK?
Usual hours worked each WEEK

| | |

32 **INCOME IN 1999 —** *Mark ⊠ the "Yes" box for each income source received during 1999 and enter the total amount received during 1999 to a maximum of $999,999. Mark ⊠ the "No" box if the income source was not received.*

If net income was a loss, enter the amount and mark ⊠ the "Loss" box next to the dollar amount.

For income received jointly, report, if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark ⊠ the "No" box for the other person. If exact amount is not known, please give best estimate.

a. Wages, salary, commissions, bonuses, or tips from all jobs — *Report amount before deductions for taxes, bonds, dues, or other items.*
☐ Yes   Annual amount — *Dollars*
$ | | | , | | | .00
☐ No

b. Self-employment income from own nonfarm businesses or farm businesses, including proprietorships and partnerships — *Report NET income after business expenses.*
☐ Yes   Annual amount — *Dollars*
$ | | | , | | | .00   ☐ Loss
☐ No

c. Interest, dividends, net rental income, royalty income, or income from estates and trusts — *Report even small amounts credited to an account.*
☐ Yes   Annual amount — *Dollars*
$ | | | , | | | .00   ☐ Loss
☐ No

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7

32 **d. Social Security or Railroad Retirement**

◯ Yes Annual amount — *Dollars*

$ | | , | | | .00

◯ No

e. Supplemental Security Income (SSI)

◯ Yes Annual amount — *Dollars*

$ | | , | | | .00

◯ No

f. Any public assistance or welfare payments from the state or local welfare office

◯ Yes Annual amount — *Dollars*

$ | | , | | | .00

◯ No

g. Retirement, survivor, or disability pensions — *Do NOT include Social Security.*

◯ Yes Annual amount — *Dollars*

$ | | | , | | | .00

◯ No

h. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — *Do NOT include lump-sum payments such as money from an inheritance or sale of a home.*

◯ Yes Annual amount — *Dollars*

$ | | | , | | | .00

◯ No

33 **What was this person's total income in 1999?** *Add entries in questions 32a—32h; subtract any losses. If net income was a loss, enter the amount and mark* ☒ *the "Loss" box next to the dollar amount.*

Annual amount — *Dollars*

◯ None OR $ | | | , | | | .00 ◯ Loss

➡ **Now, please answer questions 34—57 about your household.**

34 **Is this house, apartment, or mobile home —**

◯ Owned by you or someone in this household with a mortgage or loan?

◯ Owned by you or someone in this household free and clear (without a mortgage or loan)?

◯ Rented for cash rent?

◯ Occupied without payment of cash rent?

35 **Which best describes this building?** *Include all apartments, flats, etc., even if vacant.*

◯ A mobile home

◯ A one-family house detached from any other house

◯ A one-family house attached to one or more houses

◯ A building with 2 apartments

◯ A building with 3 or 4 apartments

◯ A building with 5 to 9 apartments

◯ A building with 10 to 19 apartments

◯ A building with 20 or more apartments

◯ A boat or houseboat

◯ RV, van, tent, etc.

36 **About when was this building first built?**

◯ 1999 or 2000

◯ 1995 to 1998

◯ 1990 to 1994

◯ 1980 to 1989

◯ 1970 to 1979

◯ 1960 to 1969

◯ 1950 to 1959

◯ 1940 to 1949

◯ 1939 or earlier

37 **When did this person move into this house, apartment, or mobile home?**

◯ 1999 or 2000

◯ 1995 to 1998

◯ 1990 to 1994

◯ 1980 to 1989

◯ 1970 to 1979

◯ 1969 or earlier

38 **How many rooms do you have in this house, apartment, or mobile home?** *Do NOT count bathrooms, porches, balconies, foyers, halls, or half-rooms.*

◯ 1 room ◯ 6 rooms

◯ 2 rooms ◯ 7 rooms

◯ 3 rooms ◯ 8 rooms

◯ 4 rooms ◯ 9 or more rooms

◯ 5 rooms

39 **How many bedrooms do you have; that is, how many bedrooms would you list if this house, apartment, or mobile home were on the market for sale or rent?**

◯ No bedroom

◯ 1 bedroom

◯ 2 bedrooms

◯ 3 bedrooms

◯ 4 bedrooms

◯ 5 or more bedrooms

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8

Questionnaire

40 Do you have COMPLETE plumbing facilities in this house, apartment, or mobile home; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?

☐ Yes, have all three facilities
☐ No

41 Do you have COMPLETE kitchen facilities in this house, apartment, or mobile home; that is, 1) a sink with piped water, 2) a range or stove, and 3) a refrigerator?

☐ Yes, have all three facilities
☐ No

42 Is there telephone service available in this house, apartment, or mobile home from which you can both make and receive calls?

☐ Yes
☐ No

43 Which FUEL is used MOST for cooking in this house, apartment, or mobile home?

☐ Gas: bottled or tank
☐ Electricity
☐ Fuel oil, kerosene, etc.
☐ Wood or charcoal
☐ Other fuel
☐ No fuel used

44 How many automobiles, vans, and trucks of one-ton capacity or less are kept at home for use by members of your household?

☐ None   ☐ 4
☐ 1   ☐ 5
☐ 2   ☐ 6 or more
☐ 3

45 a. Do you get water from —

☐ A public system only?
☐ A public system and cistern?
☐ A cistern, tanks, or drums only?
☐ A public standpipe?
☐ Some other source such as an individual well or a spring?

b. Did you purchase any water from a water vendor during the past year?

☐ Yes
☐ No

46 Is this building connected to a public sewer?

☐ Yes, connected to public sewer
☐ No, connected to septic tank or cesspool
☐ No, use other means

47 Is this house, apartment, or mobile home part of a condominium?

☐ Yes
☐ No

48 Answer ONLY if this is a ONE-FAMILY HOUSE OR MOBILE HOME — All others skip to 49.

a. Is there a business (such as a store or barber shop) or a medical office on this property?

☐ Yes
☐ No

b. How many acres is this house or mobile home on?

☐ Less than 1 acre
☐ 1 to 9.9 acres
☐ 10 or more acres

c. In 1999, what were the actual sales of all agricultural products from this property?

☐ None   ☐ $500 to $999
☐ $1 to $99   ☐ $1,000 to $2,499
☐ $100 to $499   ☐ $2,500 or more

49 a. What is the average monthly cost for electricity for this house, apartment, or mobile home?

Average monthly cost — *Dollars*

$ ⎵ , ⎵ ⎵ ⎵ .00

OR

☐ Included in rent or in condominium fee
☐ No charge or electricity not used

b. What is the average monthly cost for gas for this house, apartment, or mobile home?

Average monthly cost — *Dollars*

$ ⎵ , ⎵ ⎵ ⎵ .00

OR

☐ Included in rent or in condominium fee
☐ No charge or gas not used

c. What is the average monthly cost for water and sewer for this house, apartment, or mobile home?

Average monthly cost — *Dollars*

$ ⎵ , ⎵ ⎵ ⎵ .00

OR

☐ Included in rent or in condominium fee
☐ No charge

d. What is the average montly cost for oil, coal, kerosene, wood, etc. for this house, apartment, or mobile home?

Average monthly cost — *Dollars*

$ ⎵ , ⎵ ⎵ ⎵ .00

OR

☐ Included in rent or in condominium fee
☐ No charge or these fuels not used

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50 Answer ONLY if you PAY RENT for this house, apartment, or mobile home — All others skip to 51.

a. What is the monthly rent?

Monthly amount — *Dollars*

$ | | | , | | | .00

b. Does the monthly rent include any meals?

☐ Yes
☐ No

51 Answer questions 51a—57 if you or someone in this household owns or is buying this house, apartment, or mobile home; otherwise, skip to questions for Person 2.

a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?

☐ Yes, mortgage, deed of trust, or similar debt
☐ Yes, contract to purchase
☐ No → *Skip to 52a*

b. How much is your regular monthly mortgage payment on THIS property? *Include payment only on first mortgage or contract to purchase.*

Monthly amount — *Dollars*

$ | | | , | | | .00

OR

☐ No regular payment required → *Skip to 52a*

c. Does your regular monthly mortgage payment include payments for real estate taxes on THIS property?

☐ Yes, taxes included in mortgage payment
☐ No, taxes paid separately or taxes not required

d. Does your regular monthly mortgage payment include payments for fire, hazard, or flood insurance on THIS property?

☐ Yes, insurance included in mortgage payment
☐ No, insurance paid separately or no insurance

52 **a. Do you have a second mortgage or a home equity loan on THIS property?** *Mark ☒ all boxes that apply.*

☐ Yes, a second mortgage
☐ Yes, a home equity loan
☐ No → *Skip to 53*

b. How much is your regular monthly payment on all second or junior mortgages and all home equity loans on THIS property?

Monthly amount — *Dollars*

$ | | | , | | | .00

OR

☐ No regular payment required

53 What were the real estate taxes on THIS property last year?

Yearly amount — *Dollars*

$ | | | , | | | .00

OR

☐ None

54 What was the annual payment for fire, hazard, and flood insurance on THIS property?

Annual amount — *Dollars*

$ | | | , | | | .00

OR

☐ None

55 What is the value of this property; that is, how much do you think this house and lot, apartment, or mobile home and lot would sell for if it were for sale?

☐ Less than $10,000
☐ $10,000 to $14,999
☐ $15,000 to $19,999
☐ $20,000 to $24,999
☐ $25,000 to $29,999
☐ $30,000 to $34,999
☐ $35,000 to $39,999
☐ $40,000 to $49,999
☐ $50,000 to $59,999
☐ $60,000 to $69,999
☐ $70,000 to $79,999
☐ $80,000 to $89,999
☐ $90,000 to $99,999
☐ $100,000 to $124,999
☐ $125,000 to $149,999
☐ $150,000 to $174,999
☐ $175,000 to $199,999
☐ $200,000 to $249,999
☐ $250,000 to $299,999
☐ $300,000 to $399,999
☐ $400,000 to $499,999
☐ $500,000 to $749,999
☐ $750,000 to $999,999
☐ $1,000,000 or more

56 Answer ONLY if this is a CONDOMINIUM —

What is the monthly condominium fee?

Monthly amount — *Dollars*

$ | | | , | | | .00

57 Answer ONLY if this is a MOBILE HOME or a BOAT —

a. Do you have an installment loan or contract on THIS mobile home or boat?

☐ Yes
☐ No

b. What was the total cost for installment loan payments, personal property taxes, site rent, marina fee, registration fees, and license fees on THIS mobile home or boat and its site/slip last year? *Exclude real estate taxes.*

Yearly amount — *Dollars*

$ | | | , | | | .00

➡ **Are there more people living here? If yes, continue with Person 2.**

Person

2

Census information helps your community get financial assistance for roads, hospitals, schools and more.

1 What is this person's name? *Print the name of Person 2 from page 2.*

Last Name

First Name   MI

2 How is this person related to Person 1?
Mark ⊠ ONE box.

- ☐ Husband/wife
- ☐ Natural-born son/daughter
- ☐ Adopted son/daughter
- ☐ Stepson/stepdaughter
- ☐ Brother/sister
- ☐ Father/mother
- ☐ Grandchild
- ☐ Parent-in-law
- ☐ Son-in-law/daughter-in-law
- ☐ Other relative — *Print exact relationship.*

If NOT RELATED to Person 1:

- ☐ Roomer, boarder
- ☐ Housemate, roommate   **FOR OFFICE USE ONLY**
- ☐ Unmarried partner
- ☐ Foster child
- ☐ Other nonrelative

3 What is this person's sex? *Mark ⊠ ONE box.*

- ☐ Male
- ☐ Female

4 What is this person's age and what is this person's date of birth?

Age on April 1, 2000

Print numbers in boxes.

Month   Day   Year of birth

NOTE: Please answer BOTH Questions 5 and 6.

5 Is this person Spanish/Hispanic/Latino?
Mark ⊠ the "No" box if not Spanish/Hispanic/Latino.

- ☐ **No**, not Spanish/Hispanic/Latino
- ☐ Yes, Mexican, Mexican Am., Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, other Spanish/Hispanic/Latino — *Print group.*

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6 What is this person's race? *Mark ⊠ one or more races to indicate what this person considers himself/herself to be.*

- ☐ White
- ☐ Black, African Am., or Negro
- ☐ American Indian or Alaska Native — *Print name of enrolled or principal tribe.*

- ☐ Asian Indian   ☐ Native Hawaiian
- ☐ Chinese   ☐ Guamanian or Chamorro
- ☐ Filipino
- ☐ Japanese   ☐ Samoan
- ☐ Korean   ☐ Other Pacific Islander —
- ☐ Vietnamese   *Print race.*
- ☐ Other Asian — *Print race.*

- ☐ Some other race — *Print race.*

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7 What is this person's marital status?

- ☐ Now married
- ☐ Widowed
- ☐ Divorced
- ☐ Separated
- ☐ Never married

Person 2 (continued)

8 a. At any time since February 1, 2000, has this person attended regular school or college? *Include only nursery school or preschool, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree.*

- ☐ No, has not attended since February 1 → *Skip to 9a*
- ☐ Yes, public school, public college
- ☐ Yes, private school, private college

b. What grade or level was this person attending? *Mark ☒ ONE box.*

- ☐ Nursery school, preschool
- ☐ Kindergarten
- ☐ Grade 1 to grade 4
- ☐ Grade 5 to grade 8
- ☐ Grade 9 to grade 12
- ☐ College undergraduate years (freshman to senior)
- ☐ Graduate or professional school *(for example: medical, dental, or law school)*

9 a. What is the highest degree or level of school this person has COMPLETED? *Mark ☒ ONE box. If currently enrolled, mark the previous grade or highest degree received.*

- ☐ No schooling completed
- ☐ Nursery school to 4th grade
- ☐ 5th grade or 6th grade
- ☐ 7th grade or 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade, **NO DIPLOMA**
- ☐ **HIGH SCHOOL GRADUATE —** high school DIPLOMA or the equivalent *(for example: GED)*
- ☐ Some college credit, but less than 1 year
- ☐ 1 or more years of college, no degree
- ☐ Associate degree *(for example: AA, AS)*
- ☐ Bachelor's degree *(for example: BA, AB, BS)*
- ☐ Master's degree *(for example: MA, MS, MEng, MEd, MSW, MBA)*
- ☐ Professional degree *(for example: MD, DDS, DVM, LLB, JD)*
- ☐ Doctorate degree *(for example: PhD, EdD)*

b. Has this person completed the requirements for a vocational training program at a trade school, business school, hospital, some other kind of school for occupational training, or place of work? *Do not include academic college courses.*

- ☐ No
- ☐ Yes, in the U.S. Virgin Islands
- ☐ Yes, not in the U.S. Virgin Islands

10 a. Does this person speak a language other than English at home?

- ☐ Yes
- ☐ No → *Skip to 11*

10 b. What is this language?

[| | | | | | | | | | | | | | | | | | | |]

(For example: French, Spanish, Chinese, Italian)

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c. How well does this person speak English?

- ☐ Very well
- ☐ Well
- ☐ Not well
- ☐ Not at all

11 Where was this person born? *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country.*

[| | | | | | | | | | | | | | | | |]

FOR OFFICE USE ONLY [| |]

12 Is this person a CITIZEN of the United States?

- ☐ Yes, born in the U.S. Virgin Islands → *Skip to 14a*
- ☐ Yes, born in the United States, Puerto Rico, Guam, or Northern Mariana Islands
- ☐ Yes, born abroad of U.S. parent or parents
- ☐ Yes, a U.S. citizen by naturalization
- ☐ No, not a U.S. citizen (permanent resident)
- ☐ No, not a U.S. citizen (temporary resident)

13 When did this person come to the U.S. Virgin Islands to stay? If this person has entered the area more than once, what is the latest year? *Print numbers in boxes.*

Year

[| | |]

14 a. Where was this person's mother born? *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country.*

[| | | | | | | | | | | | | | | | |]

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b. Where was this person's father born? *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country.*

[| | | | | | | | | | | | | | | | |]

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15 a. Did this person live in this house or apartment 5 years ago (on April 1, 1995)?

- ☐ Person is under 5 years old → *Skip to 34*
- ☐ Yes, this house → *Skip to 16*
- ☐ No, different house

15 **b. Where did this person live 5 years ago?** *Print St. Croix, St. John, or St. Thomas if in the U.S. Virgin Islands, or the name of the U.S. state, commonwealth, territory, or foreign country. If outside the U.S. Virgin Islands, print the answer below and skip to 16.*

| | | | | | | | | | | | | | | | | | | | | | | |

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c. Name of city, town, or village

| | | | | | | | | | | | | | | | | | | | | | | |

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16 **Does this person have any of the following long-lasting conditions:**

Yes No

a. Blindness, deafness, or a severe vision or hearing impairment? ☐ ☐

b. A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying? ☐ ☐

17 **Because of a physical, mental, or emotional condition lasting 6 months or more, does this person have any difficulty in doing any of the following activities:**

Yes No

a. Learning, remembering, or concentrating? ☐ ☐

b. Dressing, bathing, or getting around inside the home? ☐ ☐

c. (Answer if this person is 16 YEARS OLD OR OVER.) Going outside the home alone to shop or visit a doctor's office? ☐ ☐

d. (Answer if this person is 16 YEARS OLD OR OVER.) Working at a job or business? ☐ ☐

18 **Was this person under 15 years of age on April 1, 2000?**

☐ Yes → *Skip to 34*
☐ No

19 **If this person is female, how many babies has she ever had, not counting stillbirths?** *Do not count stepchildren or children this person has adopted.*

☐ None ☐ 1 ☐ 6 ☐ 11
       ☐ 2 ☐ 7 ☐ 12
       ☐ 3 ☐ 8 ☐ 13
       ☐ 4 ☐ 9 ☐ 14
       ☐ 5 ☐ 10 ☐ 15 or more

20 **a. Does this person have any of his/her own grandchildren under the age of 18 living in this house or apartment?**

☐ Yes
☐ No → *Skip to 21a*

20 **b. Is this grandparent currently responsible for most of the basic needs of any grandchild(ren) under the age of 18 who live(s) in this house or apartment?**

☐ Yes
☐ No → *Skip to 21a*

c. How long has this grandparent been responsible for the(se) grandchild(ren)? *If the grandparent is financially responsible for more than one grandchild, answer the question for the grandchild for whom the grandparent has been responsible for the longest period of time.*

☐ Less than 6 months
☐ 6 to 11 months
☐ 1 or 2 years
☐ 3 or 4 years
☐ 5 years or more

21 **a. Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard?** *Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.*

☐ Yes, now on active duty
☐ Yes, on active duty in past, but not now
☐ No, training for Reserves or National Guard only → *Skip to 22*
☐ No, never served in the military → *Skip to 22*

b. When did this person serve on active duty in the U.S. Armed Forces? *Mark ☒ a box for EACH period in which this person served.*

☐ April 1995 or later
☐ August 1990 to March 1995 (including Persian Gulf War)
☐ September 1980 to July 1990
☐ May 1975 to August 1980
☐ Vietnam era (August 1964—April 1975)
☐ February 1955 to July 1964
☐ Korean conflict (June 1950—January 1955)
☐ World War II (September 1940—July 1947)
☐ Some other time

c. In total, how many years of active-duty military service has this person had?

☐ Less than 2 years
☐ 2 years or more

22 **LAST WEEK, did this person do ANY work for either pay or profit?** *Mark ☒ the "Yes" box even if the person worked only 1 hour, or helped without pay in a family business or farm for 15 hours or more, or was on active duty in the Armed Forces.*

☐ Yes
☐ No → *Skip to 26a*

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13

U.S. Census Bureau, Census 2000

23 **At what location did this person work LAST WEEK?**
If this person worked at more than one location, print where he or she worked most last week.

a. Name of the island in the U.S. Virgin Islands, or name of U.S. state, commonwealth, territory, or foreign country

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b. Name of city, town, or village

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24 **a. How did this person usually get to work LAST WEEK?** *If this person usually used more than one method of transportation during the trip, mark ☒ the box of the one used for most of the distance.*

- ☐ Car, truck, or van
- ☐ Bus
- ☐ Taxicab
- ☐ Motorcycle
- ☐ Safari or taxi bus
- ☐ Ferryboat or water taxi
- ☐ Walked
- ☐ Worked at home → *Skip to 28*
- ☐ Other method

→ **If "Car, truck, or van" is marked in 24a, go to 24b. Otherwise, skip to 25a.**

24 **b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?**

- ☐ Drove alone
- ☐ 2 people
- ☐ 3 people
- ☐ 4 people
- ☐ 5 or 6 people
- ☐ 7 or more people

25 **a. What time did this person usually leave home to go to work LAST WEEK?**

☐ a.m. ☐ p.m.

b. How many minutes did it usually take this person to get from home to work LAST WEEK?

Minutes

→ **Answer questions 26–27 for persons who did not work for pay or profit last week. Others skip to 28.**

26 **a. LAST WEEK, was this person on layoff from a job?**

- ☐ Yes → *Skip to 26c*
- ☐ No

b. LAST WEEK, was this person TEMPORARILY absent from a job or business?

- ☐ Yes, on vacation, temporary illness, labor dispute, etc. → *Skip to 27*
- ☐ No → *Skip to 26d*

c. Has this person been informed that he or she will be recalled to work within the next 6 months OR been given a date to return to work?

- ☐ Yes → *Skip to 26e*
- ☐ No

d. Has this person been looking for work during the last 4 weeks?

- ☐ Yes
- ☐ No → *Skip to 27*

e. LAST WEEK, could this person have started a job if offered one, or returned to work if recalled?

- ☐ Yes, could have gone to work
- ☐ No, because of own temporary illness
- ☐ No, because of all other reasons *(in school, etc.)*

27 **When did this person last work, even for a few days?**

- ☐ 1995 to 2000
- ☐ 1994 or earlier, or never worked → *Skip to 32*

28 **Industry or Employer —** *Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give the information for his/her last job or business since 1995.*

a. For whom did this person work? *If now on active duty in the Armed Forces, mark ☒ this box →* ☐ *and print the branch of the Armed Forces.*

Name of company, business, or other employer

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28 **b. What kind of business or industry was this?**
Describe the activity at location where employed. (For example: hospital, newspaper publishing, mail order house, auto repair shop, bank)

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

c. Is this mainly — *Mark ⊠ ONE box.*
☐ Manufacturing?
☐ Wholesale trade?
☐ Retail trade?
☐ Other *(agriculture, construction, service, government, etc.)?*

29 **Occupation**
a. What kind of work was this person doing?
(For example: registered nurse, personnel manager, supervisor of order department, auto mechanic, accountant)

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

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b. What were this person's most important activities or duties? *(For example: patient care, directing hiring policies, supervising order clerks, repairing automobiles, reconciling financial records)*

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |

30 **Was this person** — *Mark ⊠ ONE box.*
☐ Employee of a PRIVATE-FOR-PROFIT company or business or of an individual, for wages, salary, or commissions
☐ Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization
☐ Local GOVERNMENT employee *(territorial, etc.)*
☐ Federal GOVERNMENT employee
☐ SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm
☐ SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm
☐ Working WITHOUT PAY in family business or farm

31 **a. LAST YEAR, 1999, did this person work at a job or business at any time?**
☐ Yes
☐ No → *Skip to 32*

b. How many weeks did this person work in 1999?
Count paid vacation, paid sick leave, and military service.
Weeks
| |

c. During the weeks WORKED in 1999, how many hours did this person usually work each WEEK?
Usual hours worked each WEEK
| |

32 **INCOME IN 1999** — *Mark ⊠ the "Yes" box for each income source received during 1999 and enter the total amount received during 1999 to a maximum of $999,999. Mark ⊠ the "No" box if the income source was not received.*

If net income was a loss, enter the amount and mark ⊠ the "Loss" box next to the dollar amount.

For income received jointly, report, if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark ⊠ the "No" box for the other person. If exact amount is not known, please give best estimate.

a. Wages, salary, commissions, bonuses, or tips from all jobs — *Report amount before deductions for taxes, bonds, dues, or other items.*
☐ Yes   Annual amount — *Dollars*
$ | | | , | | | .00
☐ No

b. Self-employment income from own nonfarm businesses or farm businesses, including proprietorships and partnerships — *Report NET income after business expenses.*
☐ Yes   Annual amount — *Dollars*
$ | | | , | | | .00   ☐ Loss
☐ No

c. Interest, dividends, net rental income, royalty income, or income from estates and trusts — *Report even small amounts credited to an account.*
☐ Yes   Annual amount — *Dollars*
$ | | | , | | | .00   ☐ Loss
☐ No

32 **d. Social Security or Railroad Retirement**

☐ Yes   Annual amount — *Dollars*

$ | | | , | | | | .00

☐ No

e. Supplemental Security Income (SSI)

☐ Yes   Annual amount — *Dollars*

$ | | | , | | | | .00

☐ No

f. Any public assistance or welfare payments from the state or local welfare office

☐ Yes   Annual amount — *Dollars*

$ | | | , | | | | .00

☐ No

g. Retirement, survivor, or disability pensions — *Do NOT include Social Security.*

☐ Yes   Annual amount — *Dollars*

$ | | | | , | | | | .00

☐ No

h. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — *Do NOT include lump-sum payments such as money from an inheritance or sale of a home.*

☐ Yes   Annual amount — *Dollars*

$ | | | | , | | | | .00

☐ No

33 **What was this person's total income in 1999?** *Add entries in questions 32a—32h; subtract any losses. If net income was a loss, enter the amount and mark ☒ the "Loss" box next to the dollar amount.*

Annual amount — *Dollars*

☐ None   OR $ | | | , | | | | .00   ☐ Loss

34 **Are there more people living here? If yes, continue with Person 3.**

Person 3
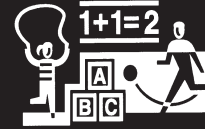
Information about children helps your community plan for child care, education, and recreation.

1 **What is this person's name?** *Print the name of Person 3 from page 2.*

Last Name

| | | | | | | | | | | | | | |

First Name   MI

| | | | | | | | | | | | | | | |

2 **How is this person related to Person 1?** *Mark ☒ ONE box.*

☐ Husband/wife
☐ Natural-born son/daughter
☐ Adopted son/daughter
☐ Stepson/stepdaughter
☐ Brother/sister
☐ Father/mother
☐ Grandchild
☐ Parent-in-law
☐ Son-in-law/daughter-in-law
☐ Other relative — *Print exact relationship.*

| | | | | | | | | | | | | |

FOR OFFICE USE ONLY | | | |

If NOT RELATED to Person 1:

☐ Roomer, boarder
☐ Housemate, roommate
☐ Unmarried partner
☐ Foster child
☐ Other nonrelative

3 **What is this person's sex?** *Mark ☒ ONE box.*

☐ Male
☐ Female

Form D-13 VI

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Appendix E.
Data Products and User Assistance

CONTENTS

CENSUS 2000 DATA PRODUCTS – U.S. VIRGIN ISLANDS

Census 2000 for the U.S. Virgin Islands yields a wealth of data, which have virtually unlimited applications. A complete list of Census 2000 – U.S. Virgin Islands data products, with their release status, is available at http://www.census.gov/population/www/censusdata/sch_vislands.html .

Detailed results of Census 2000 – U.S. Virgin Islands are in a single file titled Summary File – Virgin Islands of the United States. A Demographic Profile for the U.S. Virgin Islands can be accessed through the Internet and on CD-ROM or DVD. A printed report is planned for release in 2003 and will be available in Portable Document Format (PDF) on the Internet.

Internet and CD-ROM/DVD Products

Internet. For Internet access to all Census 2000 – U.S. Virgin Islands information, select American FactFinder on the Census Bureau's home page (www.census.gov). Generally, most data products are released first on the Internet, followed by subsequent releases in other media.

CD-ROM and DVD. Census 2000 – U.S. Virgin Islands tabulations and maps are available on CD-ROMs and/or DVDs. Viewing software will be included on most CDs. CD-ROMs may be ordered by phone through the Census Bureau's Customer Services Center on 301-763-INFO (4636), or via e-commerce by selecting Catalog from the Census Bureau's home page. For more information on ordering options, access the Census Catalog's product order form at https://catalog.mso.census.gov.

Summary File – U.S. Virgin Islands. This file presents counts and basic cross-tabulations of information collected from all people and housing units. Population items include sex; age; race; Hispanic or Latino; household relationship; urban and rural; households and families; group quarters; marital status; grandparents as caregivers; language and ability to speak English; place of birth, parents' place of birth, citizenship status, and year of entry; migration; children ever born (fertility); place of work; journey to work (commuting); school enrollment and educational attainment; vocational training; veteran status; disability; employment status; industry, occupation, and class of worker; income; and poverty status. Housing items include occupancy status; vacancy status; tenure; urban and rural; number of rooms; number of bedrooms; year moved into unit; household size and occupants per room; units in structure; year structure built; telephone service; plumbing and kitchen facilities; cooking fuel; source of water; purchase of water from water vendor; condominium status; sewage disposal; vehicles available; value of home; monthly rent; and shelter costs. Data are available down to the block group level for most tabulations, but only to the block and census tract levels for others.

Public Use Microdata Sample (PUMS) Files. Microdata products allow users to prepare their own customized tabulations and cross tabulations of most population and housing subjects, using specially prepared microdata files. These files are the actual responses to census

Data Products and User Assistance E–1

questionnaires, but with names or addresses removed and the geography sufficiently broad to protect confidentiality. There is a single Public Use Microdata (PUMS) file planned for the U.S. Virgin Islands. It is a 10-percent sample and does not include geographic detail for the individual islands or their subareas.

Printed Report

Census 2000: Social, Economic, and Housing Characteristics (PHC-4). This report is the sole printed report for Census 2000 – U.S. Virgin Islands. It will include information on detailed population and housing characteristics to the place level. It will be available on the Internet (PDF format). The report also will be available for purchase through the U.S. Government Printing Office. For more availability information, see the Census Bureau's online catalog.

CENSUS 2000 MAPS AND GEOGRAPHIC PRODUCTS

A variety of maps, boundary files, and other geographic products are available to help users locate and identify geographic areas. These products are available in various media, such as the Internet, CD-ROM, DVD, and, for maps, as print-on-demand products.

TIGER/Line® files. These files contain geographic boundaries and codes, streets, and coordinates for use with geographic information systems (GIS) for mapping and other applications.

Census block maps. These maps show the boundaries, names, and codes for the U.S. Virgin Islands, county equivalent areas, places, census tracts, and census blocks. This map series is produced for each county equivalent, MCD, and place.

Census tract outline maps. These county equivalent based maps show boundaries and numbers of census tracts and names of features underlying the boundaries. They also show the boundaries, names, and codes for county equivalent areas, MCDs, and places.

Reference maps. This series shows the boundaries for tabulation areas including: the U.S. Virgin Islands, county equivalent areas, county subdivisions (census subdistricts), incorporated places, and CDPs. This series includes the state and county subdivision outline maps and urban area maps. These maps vary in size from wall to page size.

Generalized boundary files. These files are designed for use in a geographic information system (GIS) or similar computer mapping software. Boundary files are available for most levels of census geography.

REFERENCE MATERIALS

The reference materials for Census 2000 – U.S. Virgin Islands are available at the Census Bureau's Internet site (www.census.gov) or, in the case of CD-ROMs/DVDs, files on the product itself.

Census online catalog. Census 2000 data products, including availability and prices, are described in the Catalog portion of the Web site. The catalog can be reached from the Census Bureau home page by selecting Catalog from the side bar.

American FactFinder®. American FactFinder (AFF) is the system that presents comprehensive data from Census 2000 – U.S. Virgin Islands as well as other data programs via the Internet. The AFF home page URL is factfinder.census.gov/. It also can be reached from www.census.gov by selecting American FactFinder in either the Subjects A to Z side bar or by directly selecting the American FactFinder side bar. Both bars are located on the left side of the screen.

Technical documentation. Technical documentation includes an abstract, a how-to-use chapter, the table layouts, the summary level sequence chart, the subject and geographic glossaries, accuracy of the data, and the data dictionary. CD-ROM and DVD products include the relevant technical documentation file on the disc. Technical documentation for files released on CD-ROM/DVD is available on the Web site at http://www.census.gov/prod/cen2000/.

SOURCES OF ASSISTANCE

U.S. Census Bureau. The Census Bureau's Customer Services Center sells the Census 2000 – U.S. Virgin Islands CD-ROM and DVD products. These can be ordered via e-commerce from the Census Catalog at https://catalog.mso.census.gov/ or by telephoning Customer Services at 301-763-INFO (4636).

The Census Bureau also has an active customer information program in each of its 12 regions. This program, called the Partnership and Data Services (PDS) program, provides information about Census Bureau statistics and offers training and assistance to data users. The Partnership and Data Services specialists in the Census Bureau's 12 Regional Offices answer thousands of questions each year. The U.S. Virgin Islands is serviced by the Boston Regional Office. Contact information is available at http://www.census.gov/contacts/www/c-regoff.html.

Superintendent of Documents, U.S. Government Printing Office (GPO).   The GPO (www.gpo.gov) handles the sale of most of the federal government's publications, including the planned Census 2000 – U.S. Virgin Islands report. The GPO online bookstore is available at http://bookstore.gpo.gov/index.html. For the current information on ordering publications from GPO, see http://bookstore.gpo.gov/support/index.html.

State Data Centers. The Census Bureau furnishes data products, training in data access and use, technical assistance, and consultation to all states, the District of Columbia, Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands. State Data Centers (SDCs), in turn, offer publications for reference, printouts from computer tape, specially prepared reports, maps, and other products and assistance to data users. A component of the program is the Business and Industry Data Center (BIDC) Program, which supports the business community by expanding SDC services to government, academic, and nonprofit organizations that directly serve businesses. For a list of SDC/BIDCs, including their services and their Web sites, access http://www.census.gov/sdc/www/.

State Data Center affiliates in the U.S. Virgin Islands include:

University of the Virgin Islands
Eastern Caribbean Center
No. 2 John Brewer's Bay
Charlotte Amalie
St. Thomas, VI 00802

Contact: Dr. Frank Mills
         Phone: 340-693-1027
         Fax: 340-693-1025
         fmills@uvi.edu

Virgin Islands Department of Economic Development
P.O. Box 6400
Charlotte Amalie
St. Thomas, VI 00801

Contact: Mr. Dan Inveen
         Phone: 809-774-8784
         ab782@virgin.usvi.net

Census Information Centers. The Census Information Center (CIC) program is a cooperative activity between the Census Bureau and national nonprofit organizations representing interests of racial and ethnic communities. The program objective is to make census information and data available to the participating organizations for analysis, policy planning, and for further dissemination through a network of regional and local affiliates. For a listing of the organizations and the contacts, access http://www.census.gov/clo/www/cic.html.

The Census Bureau's Customer Liaison Office administers both the SDC and CIC programs. For more information on programs of that office, access http://www.census.gov/clo/www/clo.html.

Appendix F.
Maps

CONTENTS

INTRODUCTION

The map type that supports Census 2000 Public Use Microdata Sample (PUMS) data for the U.S. Virgin Islands is the 10-percent Census 2000 Public Use Microdata Area (PUMA) map. The page size map is in Adobe's Portable Document Format (PDF) on the product CD-ROM and also online through the Census Bureau's American FactFinder.

MAP DESCRIPTION

Census 2000 Public Use Microdata Area (PUMA) Map

The page-size PUMA based map displays the U.S. Virgin Islands and the code for the associated 10-percent sample Public Use Microdata Area (PUMA). (See Figure F-1.)

Figure F-1.   **Census 2000 Public Use Microdata Area (PUMA) Map**

U.S. VIRGIN ISLANDS – Census 2000 Public Use Microdata Area (PUMA)

LEGEND

78100   Public Use Microdata Area (PUMA)

International

ADAMS   Island

Shoreline

N

0   2   4   6 Kilometers
0   2   4   6 Miles

78100 (PART)   ST. CROIX
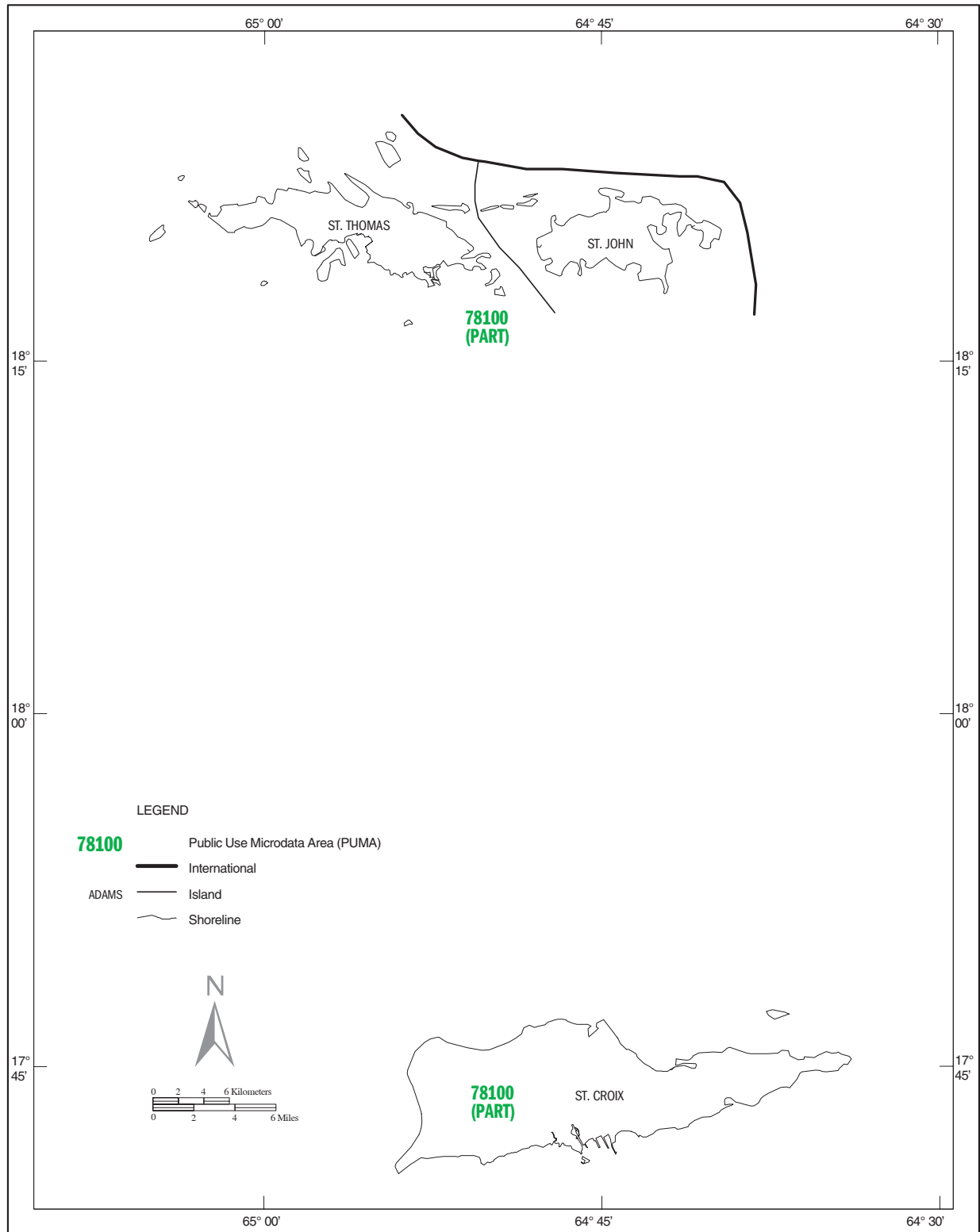
Public Use Microdata Sample (PUMS) files
U.S. Census Bureau, Census 2000

U.S. Virgin Islands 1

Appendix G.
Code Lists

GROUP QUARTERS

This code list was used by special place enumerators in Census 2000.

GQ Codes	Staff residents[1] GQ Codes		

A. College Quarters (501)

| 501 | – | 1. | *Dormitories and Fraternity and Sorority Houses (on and off campus)* |

B. Correctional Institutions (101-107)

| 101 | 905 | 1. | *Federal Detention Centers* (including U.S. Park Police, Bureau of Indian Affairs, Immigration and Naturalization Service (INS) centers operated within local jails, and state and federal prisons. INS detention centers also include INS Federal Alien Detention Facilities, INS Service Processing Centers, and INS Contract Detention Centers used to detain aliens under exclusion or deportation proceedings and aliens who require custodial departures.) |
| 102 | 905 | 2. | *Federal Prisons* (including criminally insane wards operated by a federal prison within a mental or general hospital. If ward is not operated by a prison, code criminally insane ward "404" and "905" for staff residing in the group quarters.) |

NOTE: Do not include INS detention centers operating within federal prisons. Code INS detention centers "101" for aliens and "905" for staff residing in the group quarters.

Do not include correctional centers for juveniles. Include juveniles facilities in Section I below.

| 105 | 905 | 3. | *Halfway Houses* (operated for correctional purposes, including probation and restitution centers, prerelease centers, and community-residential treatment centers) |
| 104 | 905 | 4. | *Local (county, city, regional, and other municipalities) Jails and Other Confinement Facilities* (usually hold persons more than 48 hours) (includes work farms and police lockups) (usually hold persons for 48 hours or less) |

NOTE: Do not include INS detention centers operating within local jails. Code INS detention centers "101" for aliens and "905" for staff residing in the group quarters.

| 106 | 904 | 5. | *Military Disciplinary Barracks* (including jails on military bases) |
| 103 | 905 | 6. | *State Prisons* (including criminally insane wards operated by a state prison within a mental or general hospital; if not operated by a prison, code according to Section G5) |

NOTE: Do not include INS detention centers operating within state prisons. Code INS detention centers "101" for aliens and "905" for staff residing in the group quarters.

[1]Staff residing at the group quarters (GQ) are counted in the same GQ as other residents when no GQ code is provided.

GROUP QUARTERS—Con.

This code list was used by special place enumerators in Census 2000.

GQ Codes	Staff residents[1] GQ Codes		
107	905	7.	*Other Types of Correctional Institutions* (including private correctional facilities and correctional facilities specifically for alcohol/drug abuse)
900	–	**C.**	**Crews of Maritime Vessels (900)**
		D.	**Dormitories (601, 901-905)**
901	–	1.	*Agriculture Workers' Dormitories on Farms* (including migratory farm workers' camps, bunkhouses for ranch hands, and other dormitories on farms including those on "tree farms")
		2.	*College Student Dormitories, and Fraternity and Sorority Houses* (see Section A above)
904	—	3.	*Dormitories for Nurses and Interns in Military Hospitals*
905	—	4.	*Dormitories for Nurses and Interns in General Hospitals*
601	—	5.	*Military Quarters on Base, Including Barracks* (unaccompanied personnel housing (UPH) (Enlisted/Officer), and similar group living quarters for military personnel)
902	—	6.	*Other Workers' Dormitories* (including logging camps, construction workers' camps, firehouse dormitories, job-training camps, energy enclaves (Alaska only), Alaskan pipeline camps, non-farm migratory workers' camps such as workers who lay oil and gas pipelines)
903	—	7.	*Job Corps and Vocational Training Facilities for Persons Above the High School Level*
		E.	**Emergency Shelters/Service Locations (701-706)**
701	—	1.	*Shelters for the Homeless With Sleeping Facilities* (including emergency housing, missions, and flophouses, Salvation Army shelters, hotels and motels used entirely for homeless persons, hotels or motels used partially for the homeless, and similar places known to have persons with no usual home elsewhere who stay overnight)
702	—	2.	*Shelters for Runaway, Neglected, and Homeless Children*
703	—	3.	*Shelters for Abused Women* (or Shelters Against Domestic Violence)
		4.	*Service Locations*
704	—		a. Soup kitchens
705	—		b. Regularly scheduled mobile food vans
706	—	5.	*Targeted Nonsheltered Outdoor Locations*
		F.	**Group Homes/Halfway Houses (801-810)** (with 10 or more unrelated persons (801-805) and with 9 or less unrelated persons (806-810): Including those providing community-based care and supportive services. For enumeration purposes, group homes were classified into ten type codes: 801 to 810. The classification was based upon expected size of the group home. For tabulation purposes, group homes were collapsed into five categories: 801 to 805.)
			NOTE: Do not include halfway houses operated for correctional purposes. If operated for correctional purposes, code according to Section B3.
801, 806	—	1.	*Drug/Alcohol Abuse* (group homes, detoxification centers, quarterway houses (residential treatment facilities that work closely with an accredited hospital); halfway houses; recovery homes for ambulatory, mentally competent recovering alcoholics who may be re-entering the work force)

[1]Staff residing at the group quarters (GQ) are counted in the same GQ as other residents when no GQ code is provided.

This code list was used by special place enumerators in Census 2000.

GQ Codes	Staff residents[1] GQ Codes		
802, 807	—	2.	*Mentally Ill*
803, 808	—	3.	*Mentally Retarded*
804, 809	—	4.	*Physically Handicapped*
805, 810	—	5.	*Other Group Homes* (including communes, foster care homes, and maternity homes for unwed mothers)
		G.	**Hospitals and Wards, Hospices, and Schools for the Handicapped (400-410)**
904	—	1.	*Dormitories for Nurses and Interns in Military Hospitals*
905	—	2.	*Dormitories for Nurses and Interns in General Hospitals*
400	905	3.	*Drug/Alcohol Abuse* (hospitals and hospital wards in psychiatric and general hospitals)
		4.	*Chronically Ill*
401	904		a. Military hospitals or wards for chronically ill
402	905		b. Other hospitals or wards for chronically ill (including tuberculosis hospitals or wards; wards in general and veterans' hospitals for the chronically ill; wards for progressive or degenerative brain diseases, such as neuro-degenerative process, spinal cord tumor, or other neurologic diseases; wards for patients with Hansen's Disease (leprosy) and other incurable diseases; and other unspecified wards for the chronically ill) NOTE: Do not include mental or drug/alcohol abuse hospitals or wards.
403	905		c. Hospices/homes for chronically ill (including hospices and homes for AIDS and cancer patients, and other unspecified terminal diseases.
404	905	5.	*Mentally Ill (Psychiatric)* (hospitals or wards, including wards for the criminally insane not operated by a prison and psychiatric wards of general hospitals and veterans' hospitals. This is a medical setting designed for the treatment of mental illness. Patients receive supervised and medical/nursing care from formally trained staff)
405	905	6.	*Mentally Retarded* (schools, hospitals, wards (including wards in hospitals for the mentally ill), and intermediate care facilities for the mentally retarded (ICF/MR))
		7.	*Physically Handicapped* (including schools, hospitals, or wards in a suitably equipped medical setting and designed primarily for the physically handicapped who receive supervised care and medical/nursing care from a formally trained staff)
406	905		a. Institutions for the deaf
407	905		b. Institutions for the blind
408	905		c. Orthopedic wards and institutions for physically handicapped (including institutions providing long-term care to accident victims, and persons with polio, cerebral palsy (leads to motor dysfunction), muscular dystrophy, etc.) NOTE: Do not include wards for terminally ill patients. Code such places as "401" military hospitals or wards for chronically ill or "402" other hospitals or wards for chronically ill.
409	905	8.	*General Hospitals With Patients Who Have No Usual Home Elsewhere* (including maternity, neonatal, pediatric (including wards for boarder babies), Veterans' Affairs, surgical, and other purpose wards of hospitals and wards for infectious diseases)

[1]Staff residing at the group quarters (GQ) are counted in the same GQ as other residents when no GQ code is provided.

This code list was used by special place enumerators in Census 2000.

GQ Codes	Staff residents[1] GQ Codes		
410	904	9.	*Military Hospitals With Patients Who Have No Usual Home Elsewhere* (including maternity, neonatal, pediatric (including wards for boarder babies), military, surgical, and other purpose wards of hospitals and wards for infectious diseases)
701	—	**H.**	**Hotels/Motels (701)** (those used entirely or partially for persons without a usual home)
		I.	**Juvenile Institutions (201-209)** (including homes, schools, and detention centers)
			1. *Long-Term Care* (length of stay usually more than 30 days)
			a. Neglected, abused, and dependent children (orphanages, homes, or residential care)
201	905		(1) Public ownership
202	905		(2) Private ownership
203	905		(3) Ownership unknown (used as a last resort if no other type code applies)
204	905		b. Emotionally disturbed children (residential treatment centers (psychiatric care provided))
			c. Delinquent children (placed by court, parents, or social service agencies in residential training schools or homes, including industrial schools, camps, or farms)
205	905		(1) Public ownership
206	905		(2) Private ownership
207	905		(3) Ownership unknown (used only as a last resort if no other type code applies)
			2. *Short-Term Care* (length of stay usually 30 days or less)
208	905		a. Delinquent children (temporary care in detention centers, reception or diagnostic centers pending court disposition of case)
702	905		b. Runaway, neglected, and homeless children (emergency shelters/group homes which provide temporary sleeping facilities for juveniles) (see Section E2)
209	905		3. *Type of Juvenile Institution Unknown* (used only as a last resort if no other code applies)
		J.	**Military Quarters (601-603)**
			1. *On Base:*
601	—		a. Barracks, unaccompanied personnel housing (UPH) (Enlisted/Officer), and similar group living quarters for military personnel
602	—		b. Transient quarters for temporary residents (military or civilian)
904	—		c. Dormitories for nurses and interns in military hospitals
106	904		d. Stockades and jails (on military bases)
603	—		2. *Military Ships*
604	—		3. *Group Quarters, Misc.* (for processing use only)
605	—		4. *Military Hotels/Campgrounds* (these locations are classified as housing units)
909	—	**K.**	**Natural Disaster (909)** (includes those temporarily displaced by a natural disaster, such as "Hurricane Fran")

[1]Staff residing at the group quarters (GQ) are counted in the same GQ as other residents when no GQ code is provided.

This code list was used by special place enumerators in Census 2000.

GQ Codes	Staff residents[1] GQ Codes	
		L. **Nursing Homes (301-307)** (skilled nursing facilities (SNF), intermediate care facilities (ICF), long-term care rooms in wards or buildings on the grounds of hospitals, nursing, convalescent, and rest homes including soldiers', sailors', veterans' hospitals, fraternal or religious homes for the aged with nursing care)
		1. *Public Ownership*
301	905	a. Federal ownership (including veterans' hospitals, domiciliary homes, and U.S. Naval homes)
302	905	b. State, county, or city ownership
303	905	c. Don't know if federal, state, county, or city ownership (used only as a last resort if no other type code applies)
		2. *Private ownership*
304	905	a. Private not-for-profit
305	905	b. Private for-profit
306	905	c. Don't know if for-profit or not-for-profit (used only as a last resort if no other type code applies)
307	905	3. *Don't Know If Federal, State, Local, or Private Ownership* (used only as a last resort if no other type code applies)
906	—	**M.** **Religious Group Quarters (906)** (including convents, monasteries, and rectories (classify members of religious orders who live in a dormitory at a hospital or college according to the type of place where they live, such as college or hospital dormitories))
911	—	**N.** **Residential Care Facilities Providing "Protective Oversight" (911)**
		O. **Schools for the Handicapped** (see Sections G6 and G7)
		P. **Service Locations and Emergency Shelters** (see Section E)
913	—	**Q.** **Other Household Living Situations "Dangerous Encampments" (913)** (these locations are classified as housing units)
908		**R.** **Other Nonhousehold Living Situations (908)** (including those not covered by other GQ codes shown herein, such as hostels, YMCA's, and YWCA's)
910	—	**S.** **Transient Locations (910)** (including commercial or public campgrounds, campgrounds at racetracks, fairs, carnivals, and similar transient sites. These locations are classified as housing units.)

[1]Staff residing at the group quarters (GQ) are counted in the same GQ as other residents when no GQ code is provided.

HISPANIC OR LATINO

NOT SPANISH/HISPANIC (001-199)

001-099	Not Used
100	Not Spanish/Hispanic (Checkbox)
101	Not Spanish/Hispanic
102-109	Not Used
110-121	Not Spanish/Hispanic
122-129	Not Used
130-168	Not Spanish/Hispanic
169-189	Not Used
190	Multiple NOT SPANISH/HISPANIC
191-199	Not Used

SPANIARD (200-209)

200	Spaniard
201	Andalusian
202	Asturian
203	Castillian
204	Catalonian
205	Balearic Islander
206	Gallego
207	Valencian
208	Canarian
209	Spanish Basque

MEXICAN (210-220)

210	Mexican (Checkbox)
211	Mexican
212	Mexican American
213	Mexicano
214	Chicano
215	La Raza
216	Mexican American Indian
217	Not Used
218	Mexico
219-220	Not Used

CENTRAL AMERICAN (221-230)

221	Costa Rican
222	Guatemalan
223	Honduran
224	Nicaraguan
225	Panamanian
226	Salvadoran
227	Central American
228	Central American Indian
229	Canal Zone
230	Not Used

SOUTH AMERICAN (231-249)

231	Argentinean
232	Bolivian
233	Chilean
234	Colombian
235	Ecuadorian
236	Paraguayan
237	Peruvian
238	Uruguayan
239	Venezuelan
240	South American Indian
241	Criollo
242	South American
243-249	Not Used

LATIN AMERICAN (250-259)

250	Latin American
251	Latin
252	Latino
253-259	Not Used

PUERTO RICAN (260-269)

260	Puerto Rican (Checkbox)
261	Puerto Rican
262-269	Not Used

CUBAN (270-274)

270	Cuban (Checkbox)
271	Cuban
272-274	Not Used

DOMINICAN (275-279)

275	Dominican
276-279	Not Used

OTHER SPANISH/HISPANIC (280-299)

280	Other Spanish/Hispanic (Checkbox)
281	Hispanic
282	Spanish
283	Californio
284	Tejano
285	Nuevo Mexicano
286	Spanish American
287	Spanish American Indian
288	Meso American Indian
289	Mestizo
290	Caribbean
291	Multiple Hispanic
292-298	Not Used
299	Other Spanish/Hispanic, n.e.c.

NOT USED (300-999)

DETAILED INDUSTRY CODE LIST

1997 NAICS and Census 2000 sorted by 1997 NAICS codes and subsequent OMB directives
(Census codes may not be in sequential order)

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Agriculture, forestry, fishing and hunting, and mining:	001-056	11, 21
Agriculture, forestry, fishing and hunting:	001-036	11
Unused codes	001-016	
Crop production	017	111
Animal production	018	112
Forestry except logging	019	1131, 1132
Unused codes	020-026	
Logging	027	1133
Fishing, hunting, and trapping	028	114
Support activities for agriculture and forestry	029	115
Unused codes	030-036	
Mining:	037-056	21
Oil and gas extraction	037	211
Coal mining	038	2121
Metal ore mining	039	2122
Unused codes	040-046	
Nonmetallic mineral mining and quarrying	047	2123
Not specified type of mining	048	Part of 21
Support activities for mining	049	213
Unused codes	050-056	
Utilities census codes 057-076 moved to Transportation and Warehousing NAICS subsector 48-49		
Construction:	077-106	23
Construction	077	23
Unused codes	078-106	
Manufacturing:	107-406	31-33
Animal food, grain, and oilseed milling	107	3111, 3112
Sugar and confectionery products	108	3113
Fruit and vegetable preserving and specialty food manufacturing	109	3114
Unused codes	110-116	
Dairy product manufacturing	117	3115
Animal slaughtering and processing	118	3116
Retail bakeries	119	311811
Unused codes	120-126	
Bakeries, except retail	127	3118 exc. 311811
Seafood and other miscellaneous foods, n.e.c.	128	3117, 3119
Not specified food industries	129	Part of 311
Unused codes	130-136	
Beverage manufacturing	137	3121
Unused code	138	
Tobacco manufacturing	139	3122
Unused codes	140-146	
Fiber, yarn, and thread mills	147	3131

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Manufacturing—Con.		
Fabric mills, except knitting	148	3132 exc. 31324
Textile and fabric finishing and coating mills	149	3133
Unused codes	150-156	
Carpets and rugs manufacturing	157	31411
Unused code	158	
Textile product mills except carpets and rugs	159	314 exc. 31411
Unused codes	160-166	
Knitting mills	167	31324, 3151
Cut and sew apparel manufacturing	168	3152
Apparel accessories and other apparel manufacturing	169	3159
Unused codes	170-176	
Footwear manufacturing	177	3162
Unused code	178	
Leather tanning and products, except footwear manufacturing	179	3161, 3169
Unused codes	180-186	
Sawmills and wood preservation	377	3211
Veneer, plywood, and engineered wood products	378	3212
Prefabricated wood buildings and mobile homes	379	321991, 321992
Unused codes	380-386	
Miscellaneous wood products	387	3219 exc. 321991, 321992
Unused code	388	
Pulp, paper, and paperboard mills	187	3221
Paperboard containers and boxes	188	32221
Miscellaneous paper and pulp products	189	32222, 32223, 32229
Unused codes	190-198	
Printing and related support activities	199	323
Unused codes	200-206	
Petroleum refining	207	32411
Unused code	208	
Miscellaneous petroleum and coal products	209	32412, 32419
Unused codes	210-216	
Resin, synthetic rubber and fibers, and filaments manufacturing	217	3252
Agricultural chemical manufacturing	218	3253
Pharmaceutical and medicine manufacturing	219	3254
Unused codes	220-226	
Paint, coating, and adhesives manufacturing	227	3255
Soap, cleaning compound, and cosmetic manufacturing	228	3256
Industrial and miscellaneous chemicals	229	3251, 3259
Unused codes	230-236	
Plastics product manufacturing	237	3261

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Manufacturing—Con.		
Tire manufacturing	238	32621
Rubber products, except tires, manufacturing	239	32622, 32629
Unused codes	240-246	
Pottery, ceramics, and related products manufacturing	247	32711
Structural clay product manufacturing	248	32712
Glass and glass product manufacturing	249	3272
Unused codes	250-256	
Cement, concrete, lime, and gypsum product manufacturing	257	3273, 3274
Unused code	258	
Miscellaneous nonmetallic mineral product manufacturing	259	3279
Unused codes	260-266	
Iron and steel mills and steel product manufacturing	267	3311, 3312
Aluminum production and processing	268	3313
Nonferrous metal, except aluminum, production and processing	269	3314
Unused codes	270-276	
Foundries	277	3315
Metal forgings and stampings	278	3321
Cutlery and hand tool manufacturing	279	3322
Unused codes	280-286	
Structural metals and tank and shipping container manufacturing	287	3323, 3324
Machine shops, turned product, screw, nut, and bolt manufacturing	288	3327
Coating, engraving, heat treating and allied activities	289	3328
Unused codes	290-296	
Ordnance	297	332992-332995
Miscellaneous fabricated metal products manufacturing	298	3325, 3326, 3329 exc. 332992-332995
Not specified metal industries	299	Part of 331 and 332
Unused codes	300-306	
Agricultural implement manufacturing	307	33311
Construction mining and oil field machinery manufacturing	308	33312, 33313
Commercial and service industry machinery manufacturing	309	3333
Unused codes	310-316	
Metalworking machinery manufacturing	317	3335
Engines, turbines, and power transmission equipment manufacturing	318	3336
Machinery manufacturing, n.e.c.	319	3332, 3334, 3339
Unused codes	320-328	
Not specified machinery manufacturing	329	Part of 333
Unused codes	330-335	
Computer and peripheral equipment manufacturing	336	3341

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Manufacturing—Con.		
Communications, audio, and video equipment manufacturing	337	3342, 3343
Navigational, measuring, electromedical, and control instruments manufacturing	338	3345
Electronic component and product manufacturing, n.e.c.	339	3344, 3346
Unused codes	340-346	
Household appliance manufacturing	347	3352
Unused code	348	
Electrical lighting, equipment, and supplies manufacturing, n.e.c.	349	3351, 3353, 3359
Unused codes	350-356	
Motor vehicles and motor vehicle equipment manufacturing	357	3361, 3362, 3363
Aircraft and parts manufacturing	358	336411-336413
Aerospace product and parts manufacturing	359	336414-336419
Unused codes	360-366	
Railroad rolling stock manufacturing	367	3365
Ship and boat building	368	3366
Other transportation equipment manufacturing	369	3369
Unused codes	370-376	
Codes 377-388 moved to NAICS 321 Subsector–Wood Product Manufacturing		
Furniture and related products manufacturing	389	337
Unused codes	390-395	
Medical equipment and supplies manufacturing	396	3391
Toys, amusement, and sporting goods manufacturing	397	33992, 33993
Miscellaneous manufacturing, n.e.c.	398	3399 exc. 33992, 33993
Not specified manufacturing industries	399	Part of 31-33
Unused codes	400-406	
Wholesale trade:	407-466	42
Motor vehicles, parts and supplies	407	4211
Furniture and home furnishings	408	4212
Lumber and other construction materials	409	4213
Unused codes	410-416	
Professional and commercial equipment and supplies	417	4214
Metals and minerals, except petroleum	418	4215
Electrical goods	419	4216
Unused codes	420-425	
Hardware, plumbing and heating equipment, and supplies	426	4217
Machinery, equipment, and supplies	427	4218
Recyclable material	428	42193
Miscellaneous durable goods	429	4219 exc. 42193
Unused codes	430-436	
Paper and paper product wholesalers	437	4221

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Wholesale trade—Con.		
Drugs, sundries, and chemical and allied product wholesalers	438	4222, 4226
Apparel, fabrics, and notions wholesalers	439	4223
Unused codes	440-446	
Groceries and related product wholesalers	447	4224
Farm product raw material wholesalers	448	4225
Petroleum and petroleum product wholesalers	449	4227
Unused codes	450-455	
Alcoholic beverage wholesalers	456	4228
Farm supplies wholesalers	457	42291
Miscellaneous nondurable goods wholesalers	458	4229 exc. 42291
Not specified wholesale trade	459	Part of 42
Unused codes	460-466	
Retail trade:	467-606	44-45
Automobile dealers	467	4411
Other motor vehicle dealers	468	4412
Auto parts, accessories, and tire stores	469	4413
Unused codes	470-476	
Furniture and home furnishings stores	477	442
Household appliance stores	478	443111
Radio, TV, and computer stores	479	443112, 44312
Unused codes	480-486	
Building material and supplies dealers	487	4441 exc. 44413
Hardware stores	488	44413
Lawn and garden equipment and supplies stores	489	4442
Unused codes	490-496	
Grocery stores	497	4451
Specialty food stores	498	4452
Beer, wine, and liquor stores	499	4453
Unused codes	500-506	
Pharmacies and drug stores	507	44611
Health and personal care, except drug stores	508	446 exc. 44611
Gasoline stations	509	447
Unused codes	510-516	
Clothing and accessories, except shoe stores	517	448 exc. 44821, 4483
Shoe stores	518	44821
Jewelry, luggage, and leather goods stores	519	4483
Unused codes	520-526	
Sporting goods, camera, and hobby and toy stores	527	44313, 45111, 45112
Sewing, needlework and piece goods stores	528	45113
Music stores	529	45114, 45122
Unused codes	530-536	
Book stores and news dealers	537	45121

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Retail trade—Con.		
Department stores	538	45211
Miscellaneous general merchandise stores	539	4529
Unused codes	540-546	
Retail florists	547	4531
Office supplies and stationary stores	548	45321
Used merchandise stores	549	4533
Unused codes	550-556	
Gift, novelty, and souvenir shops	557	45322
Miscellaneous retail stores	558	4539
Electronic shopping and mail-order houses	559	4541
Unused codes	560-566	
Vending machine operators	567	4542
Fuel dealers	568	45431
Other direct selling establishments	569	45439
Unused codes	570-578	
Not specified retail trade	579	Part of 44-45
Unused codes	580-606	
Transportation and warehousing, and utilities:	607-646, 057-076	48-49, 22
Transportation and warehousing:	607-646	48-49
Air transportation	607	481
Rail transportation	608	482
Water transportation	609	483
Unused codes	610-616	
Truck transportation	617	484
Bus service and urban transit	618	4851,4852, 4854-4859
Taxi and limousine service	619	4853
Unused codes	620-626	
Pipeline transportation	627	486
Scenic and sightseeing transportation	628	487
Services incidental to transportation	629	488
Unused codes	630-636	
Postal Service	637	491
Couriers and messengers	638	492
Warehousing and storage	639	493
Unused codes	640-646	
Utilities:	057-076	22
Electric power generation transmission and distribution	057	2211
Natural gas distribution	058	2212
Electric and gas and other combinations	059	Pts. 2211, 2212
Unused codes	060-066	
Water, steam, air-conditioning, and irrigation systems	067	22131, 22133
Sewage treatment facilities	068	22132
Not specified utilities	069	Part of 22
Unused codes	070-076	

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Information:	647-686	51
Newspaper publishers	647	51111
Publishing except newspapers and software	648	5111 exc. 51111
Software publishing	649	5112
Unused codes	650-656	
Motion pictures and video industries	657	5121
Unused code	658	
Sound recording industries	659	5122
Unused codes	660-666	
Radio and television broadcasting and cable	667	5131, 5132
Wired telecommunications carriers	668	51331
Other telecommunication services	669	5133 exc. 51331
Unused codes	670-676	
Libraries and archives	677	51412
Other information services	678	5141 exc. 51412
Data processing services	679	5142
Unused codes	680-686	
Finance, insurance, real estate and rental and leasing:	687-726	52, 53
Finance and insurance:	687-706	52
Banking and related activities	687	521, 52211, 52219
Savings institutions, including credit unions	688	52212, 52213
Nondepository credit and related activities	689	5222, 5223
Unused codes	690-696	
Securities, commodities, funds, trusts, and other financial investments	697	523, 525
Unused code	698	
Insurance carriers and related activities	699	524
Unused codes	700-706	
Real estate and rental and leasing:	707-726	53
Real estate	707	531
Automotive equipment rental and leasing	708	5321
Unused codes	709-716	
Video tape and disk rental	717	53223
Other consumer goods rental	718	53221, 53222, 53229, 5323
Commercial, industrial, and other intangible assets rental and leasing	719	5324, 533
Unused codes	720-726	
Professional, scientific, management, administrative, and waste management services:	727-785	54-56
Professional, scientific, and technical services:	727-756	54
Legal services	727	5411
Accounting, tax preparation, bookkeeping and payroll services	728	5412

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Professional, scientific, management, administrative, and waste management services—Con.		
Architectural, engineering, and related services	729	5413
Unused codes	730-736	
Specialized design services	737	5414
Computer systems design and related services	738	5415
Management, scientific and technical consulting services	739	5416
Unused codes	740-745	
Scientific research and development services	746	5417
Advertising and related services	747	5418
Veterinary services	748	54194
Other professional, scientific and technical services	749	5419 exc. 54194
Unused codes	750-756	
Management of companies and enterprises:	757	55
Management of companies and enterprises	757	55
Administrative and support and waste management services:	758-785	56
Employment services	758	5613
Business support services	759	5614
Unused codes	760-766	
Travel arrangement and reservation services	767	5615
Investigation and security services	768	5616
Services to buildings and dwellings	769	5617 exc. 56173
Unused codes	770-776	
Landscaping services	777	56173
Other administrative and other support services	778	5611, 5612, 5619
Waste management and remediation services	779	562
Unused codes	780-785	
Educational, health and social services:	786-855	61, 62
Educational services:	786-796	61
Elementary and secondary schools	786	6111
Colleges and universities, including junior colleges	787	6112, 6113
Business, technical, and trade schools and training	788	6114, 6115
Other schools, instruction, and educational services	789	6116, 6117
Unused codes	790-796	

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Educational, health and social services—Con.		
Health care and social assistance:	797-855	62
Offices of physicians	797	6211
Offices of dentists	798	6212
Office of chiropractors	799	62131
Unused codes	800-806	
Offices of optometrists	807	62132
Offices of other health practitioners	808	6213 exc. 62131, 62132
Outpatient care centers	809	6214
Unused codes	810-816	
Home health care services	817	6216
Other health care services	818	6215, 6219
Hospitals	819	622
Unused codes	820-826	
Nursing care facilities	827	6231
Unused code	828	
Residential care facilities, without nursing	829	6232, 6233, 6239
Unused codes	830-836	
Individual and family services	837	6241
Community food and housing, and emergency services	838	6242
Vocational rehabilitation services	839	6243
Unused codes	840-846	
Child day care services	847	6244
Unused codes	848-855	
Arts, entertainment, recreation, accommodation and food services:	856-876	71, 72
Arts, entertainment, and recreation:	856-865	71
Independent artists, performing arts, spectator sports, and related industries	856	711
Museums, art galleries, historical sites, and similar institutions	857	712
Bowling centers	858	71395
Other amusement, gambling, and recreation industries	859	713 exc. 71395
Unused codes	860-865	
Accommodation and food services:	866-876	72
Traveler accommodation	866	7211
Recreational vehicle parks and camps, and rooming and boarding houses	867	7212, 7213
Restaurants and other food services	868	722 exc. 7224
Drinking places, alcoholic beverages	869	7224
Unused codes	870-876	
Other services (except public administration):	877-936	81
Automotive repair and maintenance	877	8111 exc. 811192
Car washes	878	811192
Electronic and precision equipment repair and maintenance	879	8112
Unused codes	880-886	
Commercial and industrial machinery and equipment repair and maintenance	887	8113

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Other services (except public administration)—Con.		
Personal and household goods repair and maintenance	888	8114 exc. 81143
Footwear and leather goods repair	889	81143
Unused codes	890-896	
Barber shops	897	812111
Beauty salons	898	812112
Nail salons and other personal care services	899	812113, 81219
Unused codes	900-906	
Drycleaning and laundry services	907	8123
Funeral homes, cemeteries and crematories	908	8122
Other personal services	909	8129
Unused codes	910-915	
Religious organizations	916	8131
Civic, social, advocacy organizations, and grantmaking and giving services	917	8132, 8133, 8134
Labor unions	918	81393
Business, professional, political, and similar organizations	919	8139 exc. 81393
Unused codes	920-928	
Private households	929	814
Unused codes	930-936	
Public administration:	937-966	92 (exc. 928110)
Executive offices and legislative bodies	937	92111, 92112, 92114, pt. 92115
Public finance activities	938	92113
Other general government and support	939	92119
Unused codes	940-946	
Justice, public order, and safety activities	947	922, pt. 92115
Administration of human resource programs	948	923
Administration of environmental quality and housing programs	949	924, 925
Unused codes	950-956	
Administration of economic programs and space research	957	926, 927
Unused code	958	
National security and international affairs	959	928 (exc. 928110)
Unused codes	960-966	
Armed Forces:	967-991	928110
U.S. Army	967	928110
U.S. Air Force	968	928110
U.S. Navy	969	928110
Unused codes	970-976	
U.S. Marines	977	928110
U.S. Coast Guard	978	928110

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Armed Forces—Con.		
U.S. Armed Forces, branch not specified	979	928110
Unused codes	980-986	
Military Reserves or National Guard	987	928110
Unused codes	988-991	
Unemployed, with no work experience since 1995	992	None

Note: The "Unused codes" are codes primarily used by occupation types.

LANGUAGE CODE LIST

Codes	Language
000-600	NOT IN UNIVERSE
601	JAMAICAN CREOLE
601	English creoles Belize, Guyanese
602	KRIO
603	HAWAIIAN PIDGIN
604	PIDGIN
605	GULLAH
606	SARAMACCA
607	GERMAN
607	Austrian
607	Swiss
608	PENNSYLVANIA DUTCH
609	YIDDISH
610	DUTCH
610	Flemish
611	AFRIKAANS
612	FRISIAN
613	LUXEMBOURGIAN
614	SWEDISH
615	DANISH
616	NORWEGIAN
617	ICELANDIC
618	FAROESE
619	ITALIAN
620	FRENCH
621	PROVENCAL
622	PATOIS
623	FRENCH CREOLE
623	Haitian Creole
624	CAJUN
625	SPANISH
626	CATALONIAN
627	LADINO
628	PACHUCO
629	PORTUGUESE
630	PAPIA MENTAE
631	RUMANIAN
631	Romanian
632	RHAETO-ROMANIC
632	Romansch
633	WELSH
634	BRETON
635	IRISH GAELIC
636	SCOTTIC GAELIC
637	GREEK
638	ALBANIAN
639	RUSSIAN
640	BIELORUSSIAN

Codes	Language
641	UKRAINIAN
642	CZECH
643	KASHUBIAN
644	LUSATIAN
644	Windish
645	POLISH
646	SLOVAK
647	BULGARIAN
648	MACEDONIAN
649	SERBOCROATIAN
649	Bosnian
649	Slavic
649	Yugoslav
650	CROATIAN
651	SERBIAN
652	SLOVENE
653	LITHUANIAN
654	LETTISH
654	Latvian
655	ARMENIAN
656	PERSIAN
656	Dari
656	Farsi
656	Pushto
657	PASHTO
657	Afghani
658	KURDISH
659	BALOCHI
660	TADZHIK
661	OSSETE
662	INDIA, n.e.c.
662	Asian Indian
662	Sanskrit
663	HINDI
664	BENGALI
665	PANJABI
665	Punjabi
666	MARATHI
666	Konkani
667	GUJARATHI
668	BIHARI
669	RAJASTHANI
669	Bhili
670	ORIYA
671	URDU
672	ASSAMESE
673	KASHMIRI
674	NEPALI
675	SINDHI

Codes	Language
676	PAKISTAN n.e.c.
677	SINHALESE
677	Maldivian
678	ROMANY
679	FINNISH
680	ESTONIAN
681	LAPP
682	HUNGARIAN
683	OTHER URALIC LANGUAGES
683	Mordvin
683	Samoyed
683	Yenisei
684	CHUVASH
685	KARAKALPAK
686	KAZAKH
687	KIRGHIZ
688	KARACHAY
688	Tatar
689	UIGHUR
689	Uzbek
690	AZERBAIJANI
691	TURKISH
692	TURKMEN
693	YAKUT
694	MONGOLIAN
695	TUNGUS
696	CAUCASIAN
696	Circassian
696	Georgian
697	BASQUE
698	DRAVIDIAN
698	Coorgi
698	Tulu
699	BRAHUI
700	GONDI
701	TELUGU
702	KANNADA
703	MALAYALAM
704	TAMIL
705	KURUKH
706	MUNDA
707	BURUSHASKI
708	CHINESE
708	Min
709	HAKKA
710	KAN, HSIANG
711	CANTONESE
711	Toishan
712	MANDARIN

Code Lists

G–21

Codes	Language
713	FUCHOW
714	FORMOSAN
714	Fukien
714	Hokkien
714	Min Nan
714	Taiwanese
715	WU
715	Shanghainese
716	TIBETAN
717	BURMESE
718	KAREN
719	KACHIN
720	THAI
721	MIAO-YAO, MIEN
721	Mien
722	MIAO, HMONG
722	Hmong
723	JAPANESE
723	Ainu
724	KOREAN
725	LAOTIAN
726	MON-KHMER, CAMBODIAN
726	Cambodian
726	Khmer
727	SIBERIAN LANGUAGES, n.e.c.
728	VIETNAMESE
729	MUONG
730	BUGINESE
731	MOLUCCAN
732	INDONESIAN
733	ACHINESE
734	BALINESE
735	CHAM
736	JAVANESE
737	MADURESE
738	MALAGASY
739	MALAY
739	Bahasa
740	MINANGKABAU
741	SUNDANESE
742	TAGALOG
742	Filipino
743	BISAYAN
743	Ilongo
743	Visayan
744	SEBUANO
744	Cebuano
745	PANGASINAN
746	ILOCANO

Codes	Language
746	Igorot
747	BIKOL
748	PAMPANGAN
749	GORONTALO
750	MICRONESIAN
751	CAROLINIAN
752	CHAMORRO
752	Guamanian
753	GILBERTESE
754	KUSAIEAN
754	Kosraean
755	MARSHALLESE
756	MOKILESE
757	MORTLOCKESE
758	NAURUAN
759	PALAU
760	PONAPEAN
761	TRUKESE
761	Chuukese
762	ULITHEAN
763	WOLEAI-ULITHI
764	YAPESE
765	MELANESIAN
766	POLYNESIAN
767	SAMOAN
768	TONGAN
769	NIUEAN
770	TOKELAUAN
771	FIJIAN
772	MARQUESAN
772	Tahitian
773	RAROTONGAN
774	MAORI
775	NUKUORO
776	HAWAIIAN
777	ARABIC
778	HEBREW
779	SYRIAC
779	Aramaic
779	Assyrian
779	Chaldean
780	AMHARIC
780	Tigrigna
781	BERBER
782	CHADIC
782	Hausa

Codes	Language
783	CUSHITE
783	Oromo
783	Somali
784	SUDANIC
784	Dinka
785	NILOTIC
785	Acholi
785	Luo
785	Nuer
786	NILO-HAMITIC
786	Bari
786	Masai
787	NUBIAN
788	SAHARAN
789	NILO-SAHARAN
789	Fur
789	Songhai
790	KHOISAN
790	Bushman
791	SWAHILI
792	BANTU
792	Bembe
792	Kikuyu
792	Kinyarwanda
792	Luganda
792	Ndebele
792	Shona
792	Tonga
792	Xhosa
792	Zulu
793	MANDE
793	Kpelle
793	Mandingo
793	Mende
794	FULANI
794	Temne
794	Wolof
795	GUR
796	KRU, IBO, YORUBA
796	Akan
796	Ashanti
796	Ewe
796	Fanti
796	Ga
796	Ibo
796	Igbo
796	Nigerian
796	Twi
796	Yoruba

Code Lists

Codes	Language
797	EFIK
797	Ibibio
798	MBUM AND RELATED
799	AFRICAN, not further specified
800	ALEUT
801	PACIFIC GULF YUPIK
802	ESKIMO
803	INUPIK
803	Inupiaq
804	SAINT LAWRENCE ISLAND YUPIK
804	Siberian Yupik
805	YUPIK
806	ALGONQUIAN
807	ARAPAHO
808	ATSINA
808	Gros Ventre
809	BLACKFOOT
810	CHEYENNE
811	CREE
812	DELAWARE
812	Lenape
813	FOX
813	Mesquakie
814	KICKAPOO
815	MENOMINI
816	FRENCH CREE
816	Mitchif
817	MIAMI
818	MICMAC
819	OJIBWA
819	Chippewa
820	OTTAWA
821	PASSAMAQUODDY
822	PENOBSCOT
823	ABNAKI
824	POTAWATOMI
825	SHAWNEE
826	WIYOT
827	YUROK
828	KUTENAI
829	MAKAH
830	KWAKIUTL
830	Quileute
831-832	NOOTKA
833	LOWER CHEHALIS
834	UPPER CHEHALIS
835	CLALLAM
836	COEUR D'ALENE

Code Lists   G–25

Codes	Language
837	COLUMBIA
837	Wenatchee
838	COWLITZ
839	SALISH
839	Lummi
840	NOOTSACK
841	OKANOGAN
841	Colville
842	PUGET SOUND SALISH
842	Muckleshoot
842	Nisqualli
842	Puyallup
842	Suquamish
843	QUINAULT
844	TILLAMOOK
845	TWANA
846	HAIDA
847	ATHAPASCAN
847	Athabascan
848	AHTENA
849	HAN
850	INGALIT
851	KOYUKON
852	KUCHIN
852	Gwichin
853	UPPER KUSKOKWIM
854	TANAINA
855	TANANA
856	TANACROSS
857	UPPER TANANA
858	TUTCHONE
859	CHASTA COSTA
860	HUPA
861	OTHER ATHAPASCAN-EYAK LANGUAGES
861	Cahto
862	APACHE
863	KIOWA
864	NAVAHO
864	Navajo
865	EYAK
866	TLINGIT
867	MOUNTAIN MAIDU
867	Maidu
868	NORTHWEST MAIDU
868	Concow
869	SOUTHERN MAIDU
870	COAST MIWOK
871	PLAINS MIWOK

Codes	Language
872	SIERRA MIWOK
872	Miwok
873	NOMLAKI
874	PATWIN
875	WINTUN
876	FOOTHILL NORTH YOKUTS
877	TACHI
878	SANTIAM
879	SIUSLAW
880	KLAMATH
880	Modoc
881	NEZ PERCE
882	SAHAPTIAN
882	Umatilla
882	Warm Springs
882	Yakama
883	UPPER CHINOOK
883	Chinook
883	Wasco
884	TSIMSHIAN
885	ACHUMAWI
885	Pit River
886	ATSUGEWI
887	KAROK
888	POMO
889	SHASTAN
890	WASHO
891	UP RIVER YUMAN
892	COCOMARICOPA
893	MOHAVE
894	YUMA
894	Quechan
895	DIEGUENO
896	DELTA RIVER YUMAN
896	Cocopah
897	UPLAND YUMAN
898	HAVASUPAI
899	WALAPAI
899	Hualapai
900	YAVAPAI
901	CHUMASH
902	TONKAWA
903	YUCHI
904	CROW
905	HIDATSA
906	MANDAN

Codes	Language
907	DAKOTA
907	Assiniboine
907	Lakota
907	Oglala
907	Sioux
908	CHIWERE
908	Iowa
909	WINNEBAGO
909	Ho Chunk
910	KANSA
911	OMAHA
912	OSAGE
913	PONCA
914	QUAPAW
914	Arkansas
915	ALABAMA
916	CHOCTAW
916	Chickasaw
917	MIKASUKI
917	Miccosukee
918	HICHITA
919	KOASATI
919	Coushatta
920	MUSKOGEE
920	Creek
920	Seminole
921	CHETEMACHA
922	YUKI
923	WAPPO
924	KERES
924	Acoma
924	Keresan
924	Laguna
924	Zia
925	IROQUOIS
926	MOHAWK
927	ONEIDA
928	ONONDAGA
929	CAYUGA
930	SENECA
931	TUSCARORA
932	WYANDOT
932	Huron
933	CHEROKEE
934	ARIKARA
935	CADDO
936	PAWNEE
937	WICHITA

Code Lists

Codes	Language
938	COMANCHE
939	MONO
940	PAIUTE
941	NORTHERN PAIUTE
941	Bannock
942	SOUTHERN PAIUTE
943	CHEMEHUEVI
944	KAWAIISU
945	UTE
946	SHOSHONI
947	PANAMINT
948	HOPI
949	CAHUILLA
950	CUPENO
951	LUISENO
952	SERRANO
953	TUBATULABAL
954	PIMA
954	Papago
954	Tohono O'Odham
955	YAQUI
956	AZTECAN
956	Mexicano
956	Nahuatl
957-958	SONORAN, n.e.c
957	Huichole
957	Tarahumara
959	PICURIS
959	Taos
960	TIWA
960	Isleta
961	SANDIA
962	TEWA
962	Hopi-Tewa
962	San Juan
962	Santa Clara
963	TOWA
964	ZUNI
965	CHINOOK JARGON
966	AMERICAN INDIAN
967	MISUMALPAN
967	Miskito
968	MAYAN LANGUAGES
968	Aguacateco
968	Canjobal
968	Guatemalan
968	Mam
968	Maya
968	Quiche

Codes	Language
969	TARASCAN
970	MAPUCHE
971	OTO-MANGUEAN
971	Mixtec
971	Otomi
971	Zapoteca
972	QUECHUA
973	AYMARA
974	ARAWAKIAN
974	Carib
974	Garifuna
975	CHIBCHAN
975	Cuna
976	TUPI-GUARANI
976	Guarani
977	JICARILLA
978	CHIRICAHUA
978	Mescalero Apache
979	SAN CARLOS
979	San Carlos Apache
979	White Mountain
980	KIOWA-APACHE
981	KALISPEL
982	SPOKANE
983-998	LANGUAGE SPECIFIED, NOT LISTED
999	NOT REPORTED

OCCUPATION DETAILED CODE LIST

Decennial 2000 SOC and Census 2000 sorted by Census 2000 SOC equivalent

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations:	001-359	11-0000 through 29-0000
Management, business and financial operations occupations:	001-099	11-0000 and 13-0000
Management occupations:	001-049	11-0000
Chief executives	001	11-1011
General and operations managers	002	11-1021
Legislators	003	11-1031
Advertising and promotions managers	004	11-2011
Marketing and sales managers	005	11-2020
Public relations managers	006	11-2031
Unused codes	007-009	
Administrative services managers	010	11-3011
Computer and Information Systems managers	011	11-3021
Financial managers	012	11-3031
Human resources managers	013	11-3040
Industrial production managers	014	11-3051
Purchasing managers	015	11-3061
Transportation, storage, and distribution managers	016	11-3071
Unused codes	017-019	
Farm, ranch, and other agricultural managers	020	11-9011
Farmers and Ranchers	021	11-9012
Construction managers	022	11-9021
Education administrators	023	11-9030
Unused codes	024-029	
Engineering managers	030	11-9041
Food service managers	031	11-9051
Funeral directors	032	11-9061
Gaming managers	033	11-9071
Lodging managers	034	11-9081
Medical and health services managers	035	11-9111
Natural sciences managers	036	11-9121
Unused codes	037-039	
Postmasters and mail superintendents	040	11-9131
Property, real estate, and community association managers	041	11-9141
Social and community service managers	042	11-9151
Managers, all other	043	11-9199
Unused codes	044-049	
Business and financial operations occupations:	050-099	13-0000
Agents and business managers of artists, performers, and athletes	050	13-1011
Purchasing agents and buyers, farm products	051	13-1021

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations—Con.		
Management, business and financial operations occupations—Con.		
Business and financial operations occupations—Con.		
Wholesale and retail buyers, except farm products	052	13-1022
Purchasing agents, except wholesale, retail, and farm products	053	13-1023
Claims adjusters, appraisers, examiners, and investigators	054	13-1030
Unused codes	055	
Compliance officers, except agriculture, construction, health and safety, and transportation	056	13-1041
Unused codes	057-059	
Cost estimators	060	13-1051
Unused codes	061	
Human resources, training, and labor relations specialists	062	13-1070
Unused codes	063-069	
Logisticians	070	13-1081
Management analysts	071	13-1111
Meeting and convention planners	072	13-1121
Other business operations specialists	073	13-11XX
Unused codes	074-079	
Accountants and auditors	080	13-2011
Appraisers and assessors of real estate	081	13-2021
Budget analysts	082	13-2031
Credit analysts	083	13-2041
Financial analysts	084	13-2051
Personal financial advisors	085	13-2052
Insurance underwriters	086	13-2053
Unused codes	087-089	
Financial examiners	090	13-2061
Loan counselors and officers	091	13-2070
Unused codes	092	
Tax examiners, collectors, and revenue agents	093	13-2081
Tax preparers	094	13-2082
Financial specialists, all other	095	13-2099
Unused codes	096-099	
Professional and related occupations:	100-359	15-0000 through 29-0000
Computer and mathematical science occupations:	100-129	15-0000
Computer scientists and systems analysts	100	15-10XX
Computer programmers	101	15-1021
Computer software engineers	102	15-1030
Unused codes	103	
Computer support specialists	104	15-1041
Unused codes	105	

Code Lists

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations—Con.		
Professional and related occupations—Con.		
Computer and mathematical science occupations—Con.		
Database administrators	106	15-1061
Unused codes	107-109	
Network and computer systems administrators	110	15-1071
Network systems and data communications analysts	111	15-1081
Unused codes	112-119	
Actuaries	120	15-2011
Mathematicians	121	15-2021
Operations research analysts	122	15-2031
Statisticians	123	15-2041
Miscellaneous mathematical science occupations	124	15-2090
Unused codes	125-129	
Architecture and engineering occupations:	130-159	17-0000
Architects, except naval	130	17-1010
Surveyors, cartographers, and photogrammetrists	131	17-1020
Aerospace engineers	132	17-2011
Agricultural engineers	133	17-2021
Biomedical engineers	134	17-2031
Chemical engineers	135	17-2041
Civil engineers	136	17-2051
Unused codes	137-139	
Computer hardware engineers	140	17-2061
Electrical and electronics engineers	141	17-2070
Environmental engineers	142	17-2081
Industrial engineers, including health and safety	143	17-2110
Marine engineers and naval architects	144	17-2121
Materials engineers	145	17-2131
Mechanical engineers	146	17-2141
Unused codes	147-149	
Mining and geological engineers, including mining safety engineers	150	17-2151
Nuclear engineers	151	17-2161
Petroleum engineers	152	17-2171
Engineers, all other	153	17-2199
Drafters	154	17-3010
Engineering technicians, except drafters	155	17-3020
Surveying and mapping technicians	156	17-3031
Unused codes	157-159	
Life, physical, and social science occupations:	160-199	19-0000
Agricultural and food scientists	160	19-1010
Biological scientists	161	19-1020
Unused codes	162-163	

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations—Con.		
Professional and related occupations—Con.		
Life, physical, and social science occupations—Con.		
Conservation scientists and foresters	164	19-1030
Medical scientists	165	19-1040
Unused codes	166-169	
Astronomers and physicists	170	19-2010
Atmospheric and space scientists	171	19-2021
Chemists and materials scientists	172	19-2030
Unused codes	173	
Environmental scientists and geoscientists	174	19-2040
Unused codes	175	
Physical scientists, all other	176	19-2099
Unused codes	177-179	
Economists	180	19-3011
Market and survey researchers	181	19-3020
Psychologists	182	19-3030
Sociologists	183	19-3041
Urban and regional planners	184	19-3051
Unused codes	185	
Miscellaneous social scientists and related workers	186	19-3090
Unused codes	187-189	
Agricultural and food science technicians	190	19-4011
Biological technicians	191	19-4021
Chemical technicians	192	19-4031
Geological and petroleum technicians	193	19-4041
Nuclear technicians	194	19-4051
Unused codes	195	
Other life, physical, and social science technicians	196	19-40XX
Unused codes	197-199	
Community and social services occupations:	200-209	21-0000
Counselors	200	21-1010
Social workers	201	21-1020
Miscellaneous community and social service specialists	202	21-1090
Unused codes	203	
Clergy	204	21-2011
Directors, religious activities and education	205	21-2021
Religious workers, all other	206	21-2099
Unused codes	207-209	
Legal occupations:	210-219	23-0000
Lawyers	210	23-1011
Judges, magistrates, and other judicial workers	211	23-1020
Unused codes	212-213	
Paralegals and legal assistants	214	23-2011
Miscellaneous legal support workers	215	23-2090
Unused codes	216-219	

Code Lists

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations—Con.		
Professional and related occupations—Con.		
Education, training, and library occupations:	220-259	25-0000
Postsecondary teachers	220	25-1000
Unused codes	221-229	
Preschool and kindergarten teachers	230	25-2010
Elementary and middle school teachers	231	25-2020
Secondary school teachers	232	25-2030
Special education teachers	233	25-2040
Other teachers and instructors	234	25-3000
Unused codes	235-239	
Archivists, curators, and museum technicians	240	25-4010
Unused codes	241-242	
Librarians	243	25-4021
Library technicians	244	25-4031
Unused codes	245-253	
Teacher assistants	254	25-9041
Other education, training, and library workers	255	25-90XX
Unused codes	256-259	
Arts, design, entertainment, sports, and media occupations:	260-299	27-0000
Artists and related workers	260	27-1010
Unused codes	261-262	
Designers	263	27-1020
Unused codes	264-269	
Actors	270	27-2011
Producers and directors	271	27-2012
Athletes, coaches, umpires, and related workers	272	27-2020
Unused codes	273	
Dancers and choreographers	274	27-2030
Musicians, singers, and related workers	275	27-2040
Entertainers and performers, sports and related workers, all other	276	27-2099
Unused codes	277-279	
Announcers	280	27-3010
News analysts, reporters and correspondents	281	27-3020
Public relations specialists	282	27-3031
Editors	283	27-3041
Technical writers	284	27-3042
Writers and authors	285	27-3043
Miscellaneous media and communication workers	286	27-3090
Unused codes	287-289	
Broadcast and sound engineering technicians and radio operators	290	27-4010
Photographers	291	27-4021

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations—Con.		
Professional and related occupations—Con.		
Arts, design, entertainment, sports, and media occupations—Con.		
Television, video, and motion picture camera operators and editors	292	27-4030
Unused codes	293-295	
Media and communication equipment workers, all other	296	27-4099
Unused codes	297-299	
Healthcare practitioner and technical occupations:	300-359	29-0000
Chiropractors	300	29-1011
Dentists	301	29-1020
Unused codes	302	
Dietitians and nutritionists	303	29-1031
Optometrists	304	29-1041
Pharmacists	305	29-1051
Physicians and surgeons	306	29-1060
Unused codes	307-310	
Physician assistants	311	29-1071
Podiatrists	312	29-1081
Registered nurses	313	29-1111
Audiologists	314	29-1121
Occupational therapists	315	29-1122
Physical therapists	316	29-1123
Unused codes	317-319	
Radiation therapists	320	29-1124
Recreational therapists	321	29-1125
Respiratory therapists	322	29-1126
Speech-language pathologists	323	29-1127
Therapists, all other	324	29-1129
Veterinarians	325	29-1131
Health diagnosing and treating practitioners, all other	326	29-1199
Unused codes	327-329	
Clinical laboratory technologists and technicians	330	29-2010
Dental hygienists	331	29-2021
Diagnostic related technologists and technicians	332	29-2030
Unused codes	333-339	
Emergency medical technicians and paramedics	340	29-2041
Health diagnosing and treating practitioner support technicians	341	29-2050
Unused codes	342-349	
Licensed practical and licensed vocational nurses	350	29-2061

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Management, professional and related occupations—Con.		
Professional and related occupations—Con.		
Healthcare practitioner and technical occupations—Con.		
Medical records and health information technicians	351	29-2071
Opticians, dispensing	352	29-2081
Miscellaneous health technologists and technicians	353	29-2090
Other healthcare practitioners and technical occupations	354	29-9000
Unused codes	355-359	
Service occupations:	360-469	31-0000 through 39-0000
Healthcare support occupations:	360-369	31-0000
Nursing, psychiatric, and home health aides	360	31-1010
Occupational therapist assistants and aides	361	31-2010
Physical therapist assistants and aides	362	31-2020
Massage therapists	363	31-9011
Dental assistants	364	31-9091
Medical assistants and other healthcare support occupations	365	31-909X
Unused codes	366-369	
Protective service occupations:	370-399	33-0000
First-line supervisors/managers of correctional officers	370	33-1011
First-line supervisors/managers of police and detectives	371	33-1012
First-line supervisors/managers of fire fighting and prevention workers	372	33-1021
Supervisors, protective service workers, all other	373	33-1099
Fire fighters	374	33-2011
Fire inspectors	375	33-2020
Unused codes	376-379	
Bailiffs, correctional officers, and jailers	380	33-3010
Unused codes	381	
Detectives and criminal investigators	382	33-3021
Fish and game wardens	383	33-3031
Parking enforcement workers	384	33-3041
Police and sheriff's patrol officers	385	33-3051
Transit and railroad police	386	33-3052
Unused codes	387-389	
Animal control workers	390	33-9011
Private detectives and investigators	391	33-9021
Security guards and gaming surveillance officers	392	33-9030
Unused codes	393	
Crossing guards	394	33-9091
Lifeguards and other protective service workers	395	33-909X
Unused codes	396-399	

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Service occupations—Con.		
Food preparation and serving related occupations:	400-419	35-0000
Chefs and head cooks	400	35-1011
First-line supervisors/managers of food preparation and serving workers	401	35-1012
Cooks	402	35-2010
Food preparation workers	403	35-2021
Bartenders	404	35-3011
Combined food preparation and serving workers, including fast food	405	35-3021
Counter attendants, cafeteria, food concession, and coffee shop	406	35-3022
Unused codes	407-410	
Waiters and waitresses	411	35-3031
Food servers, nonrestaurant	412	35-3041
Dining room and cafeteria attendants and bartender helpers	413	35-9011
Dishwashers	414	35-9021
Hosts and hostesses, restaurant, lounge, and coffee shop	415	35-9031
Food preparation and serving related workers, all other	416	35-9099
Unused codes	417-419	
Building and grounds cleaning and maintenance occupations:	420-429	37-0000
First-line supervisors/managers of housekeeping and janitorial workers	420	37-1011
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	421	37-1012
Janitors and building cleaners	422	37-201X
Maids and housekeeping cleaners	423	37-2012
Pest control workers	424	37-2021
Grounds maintenance workers	425	37-3010
Unused codes	426-429	
Personal care and service occupations:	430-469	39-0000
First-line supervisors/managers of gaming workers	430	39-1010
Unused codes	431	
First-line supervisors/managers of personal service workers	432	39-1021
Unused codes	433	
Animal trainers	434	39-2011
Nonfarm animal caretakers	435	39-2021
Unused codes	436-439	
Gaming services workers	440	39-3010
Motion picture projectionists	441	39-3021
Ushers, lobby attendants, and ticket takers	442	39-3031

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Service occupations—Con.		
Personal care and service occupations—Con.		
Miscellaneous entertainment attendants and related workers	443	39-3090
Unused codes	444-445	
Funeral service workers	446	39-4000
Unused codes	447-449	
Barbers	450	39-5011
Hairdressers, hairstylists, and cosmetologists	451	39-5012
Miscellaneous personal appearance workers	452	39-5090
Baggage porters, bellhops, and concierges	453	39-6010
Tour and travel guides	454	39-6020
Transportation attendants	455	39-6030
Unused codes	456-459	
Child care workers	460	39-9011
Personal and home care aides	461	39-9021
Recreation and fitness workers	462	39-9030
Unused codes	463	
Residential advisors	464	39-9041
Personal care and service workers, all other	465	39-9099
Unused codes	466-469	
Sales and office occupations:	470-599	41-0000 through 43-0000
Sales and related occupations:	470-499	41-0000
First-line supervisors/managers of retail sales workers	470	41-1011
First-line supervisors/managers of non-retail sales workers	471	41-1012
Cashiers	472	41-2010
Unused codes	473	
Counter and rental clerks	474	41-2021
Parts salespersons	475	41-2022
Retail salespersons	476	41-2031
Unused codes	477-479	
Advertising sales agents	480	41-3011
Insurance sales agents	481	41-3021
Securities, commodities, and financial services sales agents	482	41-3031
Travel agents	483	41-3041
Sales representatives, services, all other	484	41-3099
Sales representatives, wholesale and manufacturing	485	41-4010
Unused codes	486-489	
Models, demonstrators, and product promoters	490	41-9010
Unused codes	491	
Real estate brokers and sales agents	492	41-9020
Sales engineers	493	41-9031
Telemarketers	494	41-9041

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Sales and office occupations—Con.		
Sales and related occupations—Con.		
Door-to-door sales workers, news and street vendors, and related workers	495	41-9091
Sales and related workers, all other	496	41-9099
Unused codes	497-499	
Office and administrative support occupations:	500-599	43-0000
First-line supervisors/managers of office and administrative support workers	500	43-1011
Switchboard operators, including answering service	501	43-2011
Telephone operators	502	43-2021
Communications equipment operators, all other	503	43-2099
Unused codes	504-509	
Bill and account collectors	510	43-3011
Billing and posting clerks and machine operators	511	43-3021
Bookkeeping, accounting, and auditing clerks	512	43-3031
Gaming cage workers	513	43-3041
Payroll and timekeeping clerks	514	43-3051
Procurement clerks	515	43-3061
Tellers	516	43-3071
Unused codes	517-519	
Brokerage clerks	520	43-4011
Correspondence clerks	521	43-4021
Court, municipal, and license clerks	522	43-4031
Credit authorizers, checkers, and clerks	523	43-4041
Customer service representatives	524	43-4051
Eligibility interviewers, government programs	525	43-4061
File clerks	526	43-4071
Unused codes	527-529	
Hotel, motel, and resort desk clerks	530	43-4081
Interviewers, except eligibility and loan	531	43-4111
Library assistants, clerical	532	43-4121
Loan interviewers and clerks	533	43-4131
New accounts clerks	534	43-4141
Order clerks	535	43-4151
Human resources assistants, except payroll and timekeeping	536	43-4161
Unused codes	537-539	
Receptionists and information clerks	540	43-4171
Reservation and transportation ticket agents and travel clerks	541	43-4181
Information and record clerks, all other	542	43-4199
Unused codes	543-549	
Cargo and freight agents	550	43-5011
Couriers and messengers	551	43-5021
Dispatchers	552	43-5030

Code Lists

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Sales and office occupations—Con.		
Sales and related occupations—Con.		
Office and administrative support		
occupations—Con.		
Meter readers, utilities	553	43-5041
Postal service clerks	554	43-5051
Postal service mail carriers	555	43-5052
Postal service mail sorters, processors,		
and processing machine operators	556	43-5053
Unused codes	557-559	
Production, planning, and expediting		
clerks	560	43-5061
Shipping, receiving, and traffic clerks	561	43-5071
Stock clerks and order fillers	562	43-5081
Weighers, measurers, checkers, and		
samplers, recordkeeping	563	43-5111
Unused codes	564-569	
Secretaries and administrative assistants	570	43-6010
Unused codes	571-579	
Computer operators	580	43-9011
Data entry keyers	581	43-9021
Word processors and typists	582	43-9022
Desktop publishers	583	43-9031
Insurance claims and policy processing		
clerks	584	43-9041
Mail clerks and mail machine operators,		
except postal service	585	43-9051
Office clerks, general	586	43-9061
Unused codes	587-589	
Office machine operators, except		
computer	590	43-9071
Proofreaders and copy markers	591	43-9081
Statistical assistants	592	43-9111
Office and administrative support		
workers, all other	593	43-9199
Unused codes	594-599	
Farming, fishing, and forestry occupations:	600-619	45-0000
First-line supervisors/managers of		
farming, fishing, and forestry workers	600	45-1010
Agricultural inspectors	601	45-2011
Animal breeders	602	45-2021
Unused codes	603	
Graders and sorters, agricultural products	604	45-2041
Miscellaneous agricultural workers	605	45-2090
Unused codes	606-609	
Fishers and related fishing workers	610	45-3011
Hunters and trappers	611	45-3021
Forest and conservation workers	612	45-4011
Logging workers	613	45-4020
Unused codes	614-619	

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Construction, extraction and maintenance occupations:	620-769	47-0000 through 49-0000
Construction and extraction occupations:	620-699	47-0000
First-line supervisors/managers of construction trades and extraction workers	620	47-1011
Boilermakers	621	47-2011
Brickmasons, blockmasons, and stonemasons	622	47-2020
Carpenters	623	47-2031
Carpet, floor, and tile installers and finishers	624	47-2040
Cement masons, concrete finishers, and terrazzo workers	625	47-2050
Construction laborers	626	47-2061
Unused codes	627-629	
Paving, surfacing, and tamping equipment operators	630	47-2071
Pile-driver operators	631	47-2072
Operating engineers and other construction equipment operators	632	47-2073
Drywall installers, ceiling tile installers, and tapers	633	47-2080
Unused codes	634	
Electricians	635	47-2111
Glaziers	636	47-2121
Unused codes	637-639	
Insulation workers	640	47-2130
Unused codes	641	
Painters, construction and maintenance	642	47-2141
Paperhangers	643	47-2142
Pipelayers, plumbers, pipefitters, and steamfitters	644	47-2150
Unused codes	645	
Plasterers and stucco masons	646	47-2161
Unused codes	647-649	
Reinforcing iron and rebar workers	650	47-2171
Roofers	651	47-2181
Sheet metal workers	652	47-2211
Structural iron and steel workers	653	47-2221
Unused codes	654-659	
Helpers, construction trades	660	47-3010
Unused codes	661-665	
Construction and building inspectors	666	47-4011
Unused codes	667-669	
Elevator installers and repairers	670	47-4021
Fence erectors	671	47-4031
Hazardous materials removal workers	672	47-4041
Highway maintenance workers	673	47-4051
Rail-track laying and maintenance equipment operators	674	47-4061

Code Lists

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Construction, extraction and maintenance occupations—Con.	620-769	47-0000 through 49-0000
Construction and extraction occupations—Con.		
Septic tank servicers and sewer pipe cleaners	675	47-4071
Miscellaneous construction and related workers	676	47-4090
Unused codes	677-679	
Derrick, rotary drill, and service unit operators, oil, gas, and mining	680	47-5010
Unused codes	681	
Earth drillers, except oil and gas	682	47-5021
Explosives workers, ordnance handling experts, and blasters	683	47-5031
Mining machine operators	684	47-5040
Unused codes	685-690	
Roof bolters, mining	691	47-5061
Roustabouts, oil and gas	692	47-5071
Helpers—extraction workers	693	47-5081
Other extraction workers	694	47-50XX
Unused codes	695-699	
Installation, maintenance, and repair occupations:	700-769	49-0000
First-line supervisors/managers of mechanics, installers, and repairers	700	49-1011
Computer, automated teller, and office machine repairers	701	49-2011
Radio and telecommunications equipment installers and repairers	702	49-2020
Avionics technicians	703	49-2091
Electric motor, power tool, and related repairers	704	49-2092
Electrical and electronics installers and repairers, transportation equipment	705	49-2093
Unused codes	706-709	
Electrical and electronics repairers, industrial and utility	710	49-209X
Electronic equipment installers and repairers, motor vehicles	711	49-2096
Electronic home entertainment equipment installers and repairers	712	49-2097
Security and fire alarm systems installers	713	49-2098
Aircraft mechanics and service technicians	714	49-3011
Automotive body and related repairers	715	49-3021
Automotive glass installers and repairers	716	49-3022
Unused codes	717-719	
Automotive service technicians and mechanics	720	49-3023
Bus and truck mechanics and diesel engine specialists	721	49-3031

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Construction, extraction and maintenance occupations—Con.		
Installation, maintenance, and repair occupations—Con.		
Heavy vehicle and mobile equipment service technicians and mechanics	722	49-3040
Unused codes	723	
Small engine mechanics	724	49-3050
Unused codes	725	
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	726	49-3090
Unused codes	727-729	
Control and valve installers and repairers	730	49-9010
Heating, air conditioning, and refrigeration mechanics and installers	731	49-9021
Home appliance repairers	732	49-9031
Industrial and refractory machinery mechanics	733	49-904X
Maintenance and repair workers, general	734	49-9042
Maintenance workers, machinery	735	49-9043
Millwrights	736	49-9044
Unused codes	737-740	
Electrical power-line installers and repairers	741	49-9051
Telecommunications line installers and repairers	742	49-9052
Precision instrument and equipment repairers	743	49-9060
Unused codes	744-750	
Coin, vending, and amusement machine servicers and repairers	751	49-9091
Commercial divers	752	49-9092
Unused codes	753	
Locksmiths and safe repairers	754	49-9094
Manufactured building and mobile home installers	755	49-9095
Riggers	756	49-9096
Unused codes	757-759	
Signal and track switch repairers	760	49-9097
Helpers—installation, maintenance, and repair workers	761	49-9098
Other installation, maintenance, and repair workers	762	49-909X
Unused codes	763-769	
Production, transportation and material moving occupations:	770-979	51-0000 through 53-0000
Production occupations:	770-899	51-0000
First-line supervisors/managers of production and operating workers	770	51-1011
Aircraft structure, surfaces, rigging, and systems assemblers	771	51-2011

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Production, transportation and material moving occupations—Con.		
Production occupations—Con.		
Electrical, electronics, and electromechanical assemblers	772	51-2020
Engine and other machine assemblers	773	51-2031
Structural metal fabricators and fitters	774	51-2041
Miscellaneous assemblers and fabricators	775	51-2090
Unused codes	776-779	
Bakers	780	51-3011
Butchers and other meat, poultry, and fish processing workers	781	51-3020
Unused codes	782	
Food and tobacco roasting, baking, and drying machine operators and tenders	783	51-3091
Food batchmakers	784	51-3092
Food cooking machine operators and tenders	785	51-3093
Unused codes	786-789	
Computer control programmers and operators	790	51-4010
Unused codes	791	
Extruding and drawing machine setters, operators, and tenders, metal and plastic	792	51-4021
Forging machine setters, operators, and tenders, metal and plastic	793	51-4022
Rolling machine setters, operators, and tenders, metal and plastic	794	51-4023
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	795	51-4031
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	796	51-4032
Unused codes	797-799	
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	800	51-4033
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	801	51-4034
Milling and planing machine setters, operators, and tenders, metal and plastic	802	51-4035
Machinists	803	51-4041
Metal furnace and kiln operators and tenders	804	51-4050
Unused codes	805	
Model makers and patternmakers, metal and plastic	806	51-4060
Unused codes	807-809	
Molders and molding machine setters, operators, and tenders, metal and plastic	810	51-4070
Unused codes	811	

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Production, transportation and material moving occupations—Con.		
Production occupations—Con.		
Multiple machine tool setters, operators, and tenders, metal and plastic	812	51-4081
Tool and die makers	813	51-4111
Welding, soldering, and brazing workers	814	51-4120
Heat treating equipment setters, operators, and tenders, metal and plastic	815	51-4191
Lay-out workers, metal and plastic	816	51-4192
Unused codes	817-819	
Plating and coating machine setters, operators, and tenders, metal and plastic	820	51-4193
Tool grinders, filers, and sharpeners	821	51-4194
Metalworkers and plastic workers, all other	822	51-4199
Bookbinders and bindery workers	823	51-5010
Job printers	824	51-5021
Prepress technicians and workers	825	51-5022
Printing machine operators	826	51-5023
Unused codes	827-829	
Laundry and dry-cleaning workers	830	51-6011
Pressers, textile, garment, and related materials	831	51-6021
Sewing machine operators	832	51-6031
Shoe and leather workers and repairers	833	51-6041
Shoe machine operators and tenders	834	51-6042
Tailors, dressmakers, and sewers	835	51-6050
Textile bleaching and dyeing machine operators and tenders	836	51-6061
Unused codes	837-839	
Textile cutting machine setters, operators, and tenders	840	51-6062
Textile knitting and weaving machine setters, operators, and tenders	841	51-6063
Textile winding, twisting, and drawing out machine setters, operators, and tenders	842	51-6064
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	843	51-6091
Fabric and apparel patternmakers	844	51-6092
Upholsterers	845	51-6093
Textile, apparel, and furnishings workers, all other	846	51-6099
Unused codes	847-849	
Cabinetmakers and bench carpenters	850	51-7011
Furniture finishers	851	51-7021
Model makers and patternmakers, wood	852	51-7030
Sawing machine setters, operators, and tenders, wood	853	51-7041

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Production, transportation and material moving occupations—Con.		
Production occupations—Con.		
Woodworking machine setters, operators, and tenders, except sawing	854	51-7042
Woodworkers, all other	855	51-7099
Unused codes	856-859	
Power plant operators, distributors, and dispatchers	860	51-8010
Stationary engineers and boiler operators	861	51-8021
Water and liquid waste treatment plant and system operators	862	51-8031
Miscellaneous plant and system operators	863	51-8090
Chemical processing machine setters, operators, and tenders	864	51-9010
Crushing, grinding, polishing, mixing, and blending workers	865	51-9020
Unused codes	866-870	
Cutting workers	871	51-9030
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	872	51-9041
Furnace, kiln, oven, drier, and kettle operators and tenders	873	51-9051
Inspectors, testers, sorters, samplers, and weighers	874	51-9061
Jewelers and precious stone and metal workers	875	51-9071
Medical, dental, and ophthalmic laboratory technicians	876	51-9080
Unused codes	877-879	
Packaging and filling machine operators and tenders	880	51-9111
Painting workers	881	51-9120
Unused codes	882	
Photographic process workers and processing machine operators	883	51-9130
Semiconductor processors	884	51-9141
Cementing and gluing machine operators and tenders	885	51-9191
Cleaning, washing, and metal pickling equipment operators and tenders	886	51-9192
Unused codes	887-889	
Cooling and freezing equipment operators and tenders	890	51-9193
Etchers and engravers	891	51-9194
Molders, shapers, and casters, except metal and plastic	892	51-9195
Paper goods machine setters, operators, and tenders	893	51-9196
Tire builders	894	51-9197
Helpers—production workers	895	51-9198
Production workers, all other	896	51-9199
Unused codes	897-899	

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Production, transportation and material moving occupations—Con.		
Transportation and material moving occupations:	900-979	53-0000
Supervisors, transportation and material moving workers	900	53-1000
Unused codes	901-902	
Aircraft pilots and flight engineers	903	53-2010
Air traffic controllers and airfield operations specialists	904	53-2020
Unused codes	905-910	
Ambulance drivers and attendants, except emergency medical technicians	911	53-3011
Bus drivers	912	53-3020
Driver/sales workers and truck drivers	913	53-3030
Taxi drivers and chauffeurs	914	53-3041
Motor vehicle operators, all other	915	53-3099
Unused codes	916-919	
Locomotive engineers and operators	920	53-4010
Unused codes	921-922	
Railroad brake, signal, and switch operators	923	53-4021
Railroad conductors and yardmasters	924	53-4031
Unused codes	925	
Subway, streetcar, and other rail transportation workers	926	53-40XX
Unused codes	927-929	
Sailors and marine oilers	930	53-5011
Ship and boat captains and operators	931	53-5020
Unused codes	932	
Ship engineers	933	53-5031
Bridge and lock tenders	934	53-6011
Parking lot attendants	935	53-6021
Service station attendants	936	53-6031
Unused codes	937-940	
Transportation inspectors	941	53-6051
Other transportation workers	942	53-60XX
Unused codes	943-949	
Conveyor operators and tenders	950	53-7011
Crane and tower operators	951	53-7021
Dredge, excavating, and loading machine operators	952	53-7030
Unused codes	953-955	
Hoist and winch operators	956	53-7041
Unused codes	957-959	
Industrial truck and tractor operators	960	53-7051
Cleaners of vehicles and equipment	961	53-7061
Laborers and freight, stock, and material movers, hand	962	53-7062
Machine feeders and offbearers	963	53-7063
Packers and packagers, hand	964	53-7064

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Production, transportation and material moving occupations—Con.		
Transportation and material moving occupations—Con.		
Pumping station operators	965	53-7070
Unused codes	966-971	
Refuse and recyclable material collectors	972	53-7081
Shuttle car operators	973	53-7111
Tank car, truck, and ship loaders	974	53-7121
Material moving workers, all other	975	53-7199
Unused codes	976-979	
Military specific occupations	980-983	55-0000
Military officer and special tactical operations leaders/managers	980	55-1000
First-line enlisted military supervisors/managers	981	55-2000
Military enlisted tactical operations and air/weapons specialists and crew members	982	55-3000
Military, rank not specified	983	—
Unused codes	984-991	
Unemployed, with no work experience since 1995	992	

Note:

The Census 2000 occupational classification has 509 categories. Of these, 369 exactly match SOC detailed categories; another 127 match the SOC at its broad category or minor group level. There are 13 aggregates of multiple SOC categories that do not have an exact match to a single SOC code. Since each of the 13 aggregates contains more than one SOC equivalent, the Census Bureau will us an "X" or "XX" designation in tabulations that show data for these aggregates. These aggregates are as follows:

Census Code and Title	SOC Designation and Title	SOC Code
073 – Other Business Operations Specialists	13-11XX – Miscellaneous Business Operations Specialists including Emergency Management Specialist	13-1061 13-1199
100 – Computer Scientists and Systems Analysts	15-10XX – Miscellaneous Computer Specialists including Computer and Information Scientists and Computer Systems Analysts	15-1011 15-1051 15-1099
196 – Other Life, Physical, and Social Science Technicians	19-40XX – Miscellaneous Life, Physical, and Social Science Technicians including Social Science Research Assistants	19-4061 19-4090
255 – Other Education, Training, and Library Workers	25-90XX – Miscellaneous Education, Training, and Library Workers except Teacher Assistants	25-9011 25-9021 25-9031 25-9099
365 – Medical Assistants and Other Healthcare Support Occupations	31-909X – Miscellaneous Healthcare Support Workers, except Dental Assistants	31-9092 31-9093 31-9094 31-9095 31-9096 31-9099
395 – Lifeguards and Other Protective Service Workers	33-909X – Miscellaneous Protective Service Workers, except Crossing Guards	33-9092 33-9099
422 – Janitors and Building Cleaners	37-201X – Building Cleaning Workers, except Maids and Housekeeping Cleaners	37-2011 37-2019
694 – Other Extraction Workers	47-50XX – Miscellaneous Extraction Workers including Rock Splitters, Quarry	47-5051 47-5099
710 – Electrical and Electronics Repairers, Industrial and Utility	49-209X – Electrical and Electronics Repairers, Commercial and Industrial Equipment, Powerhouse, Substation, and Relay	49-2094 49-2095
733 – Industrial and Refractory Machinery Mechanics	49-904X – Industrial Machinery Mechanics plus Refractory Materials Repairers, Except Brickmasons	49-9041 49-9045
762 – Other Installation, Maintenance, and Repair Workers	49-909X – Installation, Maintenance, and Repair Workers, All Other, including Fabric Menders, Except Garment	49-9093 49-9099
926 – Subway, Streetcar, and Other Rail Transportation Workers	53-40XX – Miscellaneous Rail Transportation Workers including Subway and Streetcar Operators	53-4041 53-4099
942 – Other Transportation Workers	53-60XX – Miscellaneous Transportation Workers including TrafficTechnicians	53-6041 53-6099

RACE

WHITE (100-199)

100	White (Checkbox)
101	White
102	Arab
103	English
104	French
105	German
106	Irish
107	Italian
108	Near Easterner
109	Polish
110	Scottish
111	Armenian
112	Assyrian
113	Egyptian
114	Iranian
115	Iraqi
116	Lebanese
117	Middle East
118	Palestinian
119	Syrian
120	Other Arab
121	Afghanistani
122	Israeli
123	Californio
124	Cajun
125-139	Not Used
140	Multiple WHITE responses
141-199	Not Used

BLACK OR AFRICAN AMERICAN (200-299)

200	Black, African Am., or Negro (Checkbox)
201	Black
202	African
203	African American
204	Afro-American
205	Nigritian
206	Negro
207	Bahamian
208	Barbadian
209	Botswana
210	Not Used
211	Not Used
212	Not Used
213	Ethiopian
214	Haitian
215	Jamaican
216	Liberian
217	Not Used
218	Namibian
219	Nigerian
220	Other African
221	Not Used

Code Lists

RACE—Con.

BLACK OR AFRICAN AMERICAN (200-299)—Con.

222	Tobago
223	Trinidad
224	West Indies
225	Zaire
226-239	Not Used
240	Multiple BLACK OR AFRICAN AMERICAN responses
241-299	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)

300	American Indian or Alaska Native (Checkbox)
301-399	Not Used

Abenaki

A01	Abenaki Nation of Missiquoi
A02-A04	Not Used

Algonquian

A05	Algonquian
A06-A08	Not Used

Apache

A09	Apache
A10	Chiricahua
A11	Fort Sill Apache
A12	Jicarilla Apache
A13	Lipan Apache
A14	Mescalero Apache
A15	Oklahoma Apache
A16	Payson Tonto Apache
A17	San Carlos Apache
A18	White Mountain Apache
A19-A23	Not Used

Arapahoe

A24	Arapahoe
A25	Northern Arapahoe
A26	Southern Arapahoe
A27	Wind River Arapahoe
A28-A30	Not Used

Arikara

A31	Arikara
A32-A33	Not Used

Assiniboine

A34	Assiniboine
A35	Fort Peck Assiniboine
A36	Fort Belknap Assiniboine
A37	Not Used

Code Lists

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Assiniboine Sioux

A38	Assiniboine Sioux
A39	Fort Peck Assiniboine and Sioux
A40-A41	Not Used

Bannock

A42	Bannock
A43-A44	Not Used

Blackfeet

A45	Blackfeet
A46-A50	Not Used

Brotherton

A51	Brotherton
A52-A53	Not Used

Burt Lake Band

A54	Burt Lake Band
A55	Not Used

Caddo

A56	Caddo
A57	Caddo Indian Tribe of Oklahoma
A58	Caddo Adais Indians
A59-A60	Not Used

Cahuilla

A61	Agua Caliente Band of Cahuilla Indians
A62	Augustine
A63	Cabazon Band of Cahuilla Mission Indians
A64	Cahuilla
A65	Los Coyotes Band of Cahuilla Mission Indians
A66	Morongo Band of Cahuilla Mission Indians
A67	Santa Rosa Cahuilla
A68	Torres-Martinez Band of Cahuilla Mission Indians
A69	Ramona Band or Village of Cahuilla Mission Indians
A70-A74	Not Used

California Tribes

A75	Cahto Indian Tribe of the Laytonville Rancheria
A76	Chimariko
A77	Coast Miwok
A78	Not Used
A79	Kawaiisu
A80	Kern River Paiute Council
A81	Mattole
A82	Red Wood
A83	Santa Rosa Indian Community
A84	Takelma

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

California Tribes—Con.

A85	Wappo
A86	Yana
A87	Yuki
A88	Bear River Band of Rohnerville Rancheria
A89-A90	Not Used
A91	(See Tolowa heading)
A92-A93	Not Used

Canadian and Latin American

A94	Canadian Indian
A95	Central American Indian
A96	French American Indian
A97	Mexican American Indian
A98	South American Indian
A99	Spanish American Indian
B01-B03	Not Used

Catawba

B04	Catawba Indian Nation
B05-B06	Not Used

Cayuse

B07	Cayuse
B08-B10	Not Used

Chehalis

B11	Chehalis
B12-B13	Not Used

Chemakuan

B14	Chemakuan
B15	Hoh Indian Tribe
B16	Quileute
B17-B18	Not Used

Chemehuevi

B19	Chemehuevi
B20	Not Used

Cherokee

B21	Cherokee
B22	Cherokee Alabama
B23	Cherokees of Northeast Alabama
B24	Cherokees of Southeast Alabama
B25	Eastern Cherokee
B26	Echota Cherokee
B27	Georgia Eastern Cherokee
B28	Northern Cherokee Nation of Missouri and Arkansas
B29	Tuscola

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Cherokee—Con.

B30	United Keetoowah Band of Cherokee
B31	Western Cherokee
B32	Southeastern Cherokee Council
B33	Sac River Band of the Chickamauga-Cherokee
B34	White River Band of the Chickamauga-Cherokee
B35	Four Winds Cherokee
B36	Cherokee of Georgia

Cherokee Shawnee

B37	Cherokee Shawnee
B38-B39	Not Used

Cheyenne

B40	Cheyenne
B41	Northern Cheyenne
B42	Southern Cheyenne
B43-B45	Not Used

Cheyenne-Arapaho

B46	Cheyenne-Arapaho
B47-B48	Not Used

Chickahominy

B49	Chickahominy Indian Tribe
B50	Chickahominy Eastern Band
B51-B52	Not Used

Chickasaw

B53	Chickasaw
B54-B56	Not Used

Chinook

B57	Chinook
B58	Clatsop
B59	Columbia River Chinook
B60	Kathlamet
B61	Upper Chinook
B62	Wakiakum Chinook
B63	Willapa Chinook
B64	Wishram
B65-B66	Not Used

Chippewa

B67	Bad River Band of the Lake Superior Tribe
B68	Bay Mills Indian Community of the Sault Ste. Marie Band
B69	Bois Forte/Nett Lake Band of Chippewa
B70	Burt Lake Chippewa
B71	Chippewa
B72	Fond du Lac

Code Lists

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Chippewa—Con.

B73	Grand Portage
B74	Grand Traverse Band of Ottawa and Chippewa Indians
B75	Keweenaw Bay Indian Community of the L'Anse and Ontonagon Bands
B76	Lac Court Oreilles Band of Lake Superior Chippewa
B77	Lac du Flambeau
B78	Lac Vieux Desert Band of Lake Superior Chippewa
B79	Lake Superior
B80	Leech Lake
B81	Little Shell Chippewa
B82	Mille Lacs
B83	Minnesota Chippewa
B84	Ontonagon
B85	Red Cliff Band of Lake Superior Chippewa
B86	Red Lake Band of Chippewa Indians
B87	Saginaw Chippewa
B88	St. Croix Chippewa
B89	Sault Ste. Marie Chippewa
B90	Sokoagon Chippewa
B91	Turtle Mountain Band
B92	White Earth
B93	Swan Creek Black River Confederate Tribe
B94-B99	Not Used

Chippewa Cree

C01	Not Used
C02	Rocky Boy's Chippewa Cree
C03-C04	Not Used

Chitimacha

C05	Chitimacha Tribe of Louisiana
C06-C07	Not Used

Choctaw

C08	Choctaw
C09	Clifton Choctaw
C10	Jena Band of Choctaw
C11	Mississippi Band of Choctaw
C12	Mowa Band of Choctaw
C13	Oklahoma Choctaw
C14-C16	Not Used

Choctaw-Apache

C17	Choctaw-Apache Community of Ebarb
C18-C19	Not Used

Chumash

C20	Chumash
C21	Santa Ynez
C22	San Luis Rey Mission Indian
C23-C24	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Clear Lake

C25   Clear Lake

Coeur D'Alene

C26   Coeur D'Alene
C27-C28   Not Used

Coharie

C29   Coharie
C30-C31   Not Used

Colorado River Indian

C32   Colorado River
C33-C34   Not Used

Colville

C35   Colville
C36-C38   Not Used

Comanche

C39   Comanche
C40   Oklahoma Comanche
C41-C43   Not Used

Coos, Lower Umpqua, and Siuslaw

C44   Coos, Lower Umpqua, and Siuslaw
C45   Not Used

Coos

C46   Coos

Coquille

C47   Coquille
C48   Not Used

Costanoan

C49   Costanoan
C50-C51   Not Used

Coushatta

C52   Alabama Coushatta Tribes of Texas
C53   Coushatta
C54-C55   Not Used

Cowlitz

C56   Cowlitz
C57-C58   Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Cree

C59	Cree
C60-C63	Not Used

Creek

C64	Alabama Creek
C65	Alabama Quassarte Tribal Town
C66	Muscogee (Creek) Nation
C67	Eastern Creek
C68	Eastern Muscogee
C69	Kialegee Tribal Town
C70	Lower Muscogee Creek Tama Tribal Town
C71	Machis Lower Creek Indian
C72	Poarch Creek
C73	Principal Creek Indian Nation
C74	Star Clan of Muskogee Creeks
C75	Thlopthlocco Tribal Town
C76	Tuckabachee
C77-C80	Not Used

Croatan

C81	Croatan
C82	Not Used

Crow

C83	Crow
C84-C86	Not Used

Cumberland

C87	Cumberland County Association for Indian People
C88	Not Used

Cupeno

C89	Agua Caliente
C90	Cupeno
C91-C92	Not Used

Delaware

C93	Delaware
C94	Delaware Tribe of Indians, Oklahoma
C95	Lenni-Lanape
C96	Munsee
C97	Delaware Tribe of Western Oklahoma
C98	Ramapough Mountain
C99	Sand Hill Band of Delaware Indians
D01-D04	Not Used

Diegueno

D05	Barona Group of Capitan Grande Band
D06	Campo Band of Diegueno Mission Indians

Code Lists

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Diegueno–Con.

D07	Capitan Grande Band of Diegueno Mission Indians
D08	Cuyapaipe
D09	Diegueno
D10	La Posta Band of Diegueno Mission Indians
D11	Manzanita
D12	Mesa Grande Band of Diegueno Mission Indians
D13	San Pasqual Band of Diegueno Mission Indians
D14	Santa Ysabel Band of Diegueno Mission Indians
D15	Sycuan Band of Diegueno Mission Indians
D16	Viejas (Baron Long) Group of Capitan Grande Band
D17	Inaja Band of Diegueno Mission Indians of the Inaja and Cosmit Reservation
D18	Jamul Indian Village
D19	Not Used

Eastern Tribes

D20	Attacapa
D21	Biloxi
D22	Georgetown
D23	Moor
D24	Nansemond Indian Tribe
D25	Natchez
D26	Nausu Waiwash
D27	(See Nipmuc heading)
D28	Golden Hill Paugussett
D29	Pocomoke Acohonock
D30	Southeastern Indians
D31	Susquehanock
D32	Not Used
D33	Tunica Biloxi
D34	Waccamaw Siouan
D35	Not Used
D36	Wicomico
D37	Meherrin Indian Tribe
D38-D41	Not Used

Esselen

D42	Esselen
D43	Not Used

Fort Belknap

D44	Fort Belknap
D45	Not Used

Three Affiliated Tribes of North Dakota

D46	Three Affiliated Tribes of North Dakota (Fort Bethold)
D47-D48	Not Used

Fort McDowell

D49	Fort McDowell Mohave-Apache Community
D50	Not Used

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Fort Hall

D51	Shoshone-Bannock Tribes of the Fort Hall Reservation
D52-D54	Not Used

Gabrieleno

D55	Gabrieleno
D56	Not Used

Grand Ronde

D57	Grand Ronde

Guilford

D58	Guilford Native American Association
D59	Not Used

Gros Ventres

D60	Atsina
D61	Gros Ventres
D62	Fort Belknap Gros Ventres
D63	Not Used

Haliwa-Saponi

D64	Haliwa-Saponi
D65-D66	Not Used

Hidatsa

D67	Hidatsa
D68-D69	Not Used

Hoopa

D70	Hoopa Valley Tribe
D71	Trinity
D72	Whilkut
D73-D75	Not Used

Hoopa Extension

D76	Hoopa Extension
D77	Not Used

Houma

D78	United Houma Nation
D79-D86	Not Used

Iowa

D87	Iowa
D88	Iowa of Kansas and Nebraska
D89	Iowa of Oklahoma
D90	Not Used

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Indians of Person County

D91	Indians of Person County
D92	Not Used

Iroquois

D93	Cayuga Nation
D94	Iroquois
D95	Mohawk
D96	Oneida Nation of New York
D97	Onondaga
D98	Seneca
D99	Seneca Nation
E01	Seneca-Cayuga
E02	Tonawanda Band of Seneca
E03	Tuscarora
E04	Wyandotte
E05-E09	Not Used

Juaneno (Acjachemem)

E10	Juaneno (Acjachemem)
E11-E12	Not Used

Kalispel

E13	Kalispel Indian Community
E14-E16	Not Used

Karuk

E17	Karuk Tribe of California
E18-E20	Not Used

Kaw

E21	Kaw
E22-E23	Not Used

Kickapoo

E24	Kickapoo
E25	Oklahoma Kickapoo
E26	Texas Kickapoo
E27-E29	Not Used

Kiowa

E30	Kiowa
E31	Oklahoma Kiowa
E32-E36	Not Used

S'Klallam

E37	Jamestown S'Klallam
E38	Klallam

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

S'Klallam—Con.

E39	Lower Elwha Tribal Community
E40	Port Gamble Klallam
E41-E43	Not Used

Klamath

E44	Klamath
E45-E47	Not Used

Konkow

E48	Konkow
E49	Not Used

Kootenai

E50	Kootenai
E51-E52	Not Used

Lassik

E53	Lassik
E54-E58	Not Used

Long Island

E59	Matinecock
E60	Montauk
E61	Poospatuck
E62	Setauket
E63-E65	Not Used

Luiseno

E66	La Jolla Band of Luiseno Mission Indians
E67	Luiseno
E68	Pala Band of Luiseno Mission Indians
E69	Pauma Band of Luiseno Mission Indians
E70	Pechanga Band of Luiseno Mission Indians
E71	Soboba
E72	Twenty-Nine Palms Band of Luiseno Mission Indians
E73	Temecula
E74	Rincon Band of Luiseno Mission Indians
E75-E77	Not Used

Lumbee

E78	Lumbee
E79-E83	Not Used

Lummi

E84	Lummi
E85-E86	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Maidu

E87	Mooretown Rancheria of Maidu Indians
E88	Maidu
E89	Mountain Maidu
E90	Nisenen (Nishinam)
E91	Mechoopda Indian Tribe of Chico Rancheria, California
E92	Berry Creek Rancheria of Maidu Indians
E93	Enterprise Rancheria
E94	Greenville Rancheria

Makah

E95	Makah
E96-E99	Not Used

Maliseet

F01	Maliseet
F02	Houlton Band of Maliseet Indians
F03-F04	Not Used

Mandan

F05	Mandan
F06-F08	Not Used

Mattaponi

F09	Mattaponi Indian Tribe
F10	Upper Mattaponi Tribe

Menominee

F11	Menominee
F12-F14	Not Used

Metrolina

F15	Metrolina Native American Association
F16	Not Used

Miami

F17	Illinois Miami
F18	Indiana Miami
F19	Miami
F20	Oklahoma Miami
F21-F23	Not Used

Miccosukee

F24	Miccosukee
F25-F26	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Micmac

F27	Aroostook Band
F28	Micmac
F29-F30	Not Used

Mission Indians

F31	Mission Indians
F32	Cahuilla Band of Mission Indians
F33	Juaneno Band of Mission Indians

Miwok

F34	Ione Band of Miwok Indians
F35	Shingle Springs Band of Miwok Indians

Me-Wuk

F36	Me-Wuk
F37	Jackson Rancheria of Me-Wuk Indians of California
F38	Tuolumne Band of Me-Wuk Indians of California
F39	Buena Vista Rancheria of Me-Wuk Indians of California
F40	Chicken Ranch Rancheria of Me-Wuk Indians
F41	Sheep Ranch Rancheria of Me-Wuk Indians

Modoc

F42	Modoc
F43	Oklahoma Modoc
F44-F45	Not Used

Mohegan

F46	Mohegan
F47	Not Used

Monacan

F48	Monacan Indian Nation

Mono

F49	Mono
F50	North Fork Rancheria
F51	Cold Springs Rancheria
F52	Big Sandy Rancheria

Nanticoke

F53	Nanticoke
F54-F55	Not Used

Nanticoke Lenni-Lenape

F56	Nanticoke Lenni-Lenape

Narragansett

F57	Narragansett
F58-F61	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Navajo

F62	Alamo Navajo
F63	Tohajiileehee Navajo (Canoncito)
F64	Navajo
F65	Ramah Navajo
F66-F70	Not Used

Nez Perce

F71	Nez Perce
F72-F74	Not Used

Nipmuc

F75	Hassanamisco Band of the Nipmuc Nation
F76	Chaubunagungameg Nipmuc
D27	Nipmuc

Nomlaki

F77	Nomlaki
F78	Paskenta Band of Nomlaki Indians
F79	Not Used

Northwest Tribes

F80	Alsea
F81	Celilo
F82	Columbia
F83	Kalapuya
F84	Molalla
F85	Talakamish
F86	Tenino
F87	Tillamook
F88	Wenatchee
F89-F94	Not Used

Omaha

F95	Omaha
F96-F98	Not Used

Oneida Tribe

F99	Oneida Tribe of Wisconsin

Oregon Athabascan

G01	Oregon Athabascan
G02-G03	Not Used

Osage

G04	Osage
G05-G09	Not Used

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Otoe-Missouria

G10   Otoe-Missouria
G11-G13   Not Used

Ottawa

G14   Burt Lake Ottawa
G15   Little River Band of Ottawa Indians of Michigan
G16   Oklahoma Ottawa
G17   Ottawa
G18   Little Traverse Bay Bands of Ottawa Indians of Michigan
G19   Grand River Band of Ottawa Indians
G20-G22   Not Used

Paiute

G23   Not Used
G24   Bridgeport Paiute Indian Colony
G25   Burns Paiute Tribe
G26   Cedarville Rancheria
G27   Fort Bidwell
G28   Fort Independence
G29   Kaibab Band of Paiute Indians
G30   Las Vegas Tribe of the Las Vegas Indian Colony
G31   Not Used
G32   Lovelock Paiute Tribe of the Lovelock Indian Colony
G33   Malheur Paiute
G34   Moapa Band of Paiute
G35   Northern Paiute
G36   Not Used
G37   Paiute
G38   Pyramid Lake
G39   San Juan Southern Paiute
G40   Southern Paiute
G41   Summit Lake
G42   Utu Utu Gwaitu Paiute
G43   Walker River
G44   Yerington Paiute
G45   Yahooskin Band of Snake
G46   Not Used
G47   Susanville
G48   Winnemucca
G49   Not Used

Pamunkey

G50   Pamunkey Indian Tribe
G51-G52   Not Used

Passamaquoddy

G53   Indian Township
G54   Passamaquoddy
G55   Pleasant Point Passamaquoddy
G56-G60   Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Pawnee

G61	Oklahoma Pawnee
G62	Pawnee
G63-G67	Not Used

Penobscot

G68	Penobscot
G69-G71	Not Used

Peoria

G72	Oklahoma Peoria
G73	Peoria
G74-G76	Not Used

Pequot

G77	Mashantucket Pequot
G78	Pequot
G79	Paucatuck Eastern Pequot
G80-G83	Not Used

Pima

G84	Gila River Indian Community
G85	Pima
G86	Salt River Pima-Maricopa
G87-G91	Not Used

Piscataway

G92	Piscataway
G93-G95	Not Used

Pit River

G96	Pit River Tribe of California
G97	Alturas Indian Rancheria
G98	Redding Rancheria

Pomo and Pit River Indians

G99	Big Valley Rancheria of Pomo and Pit River Indians

Pomo

H01	Central Pomo
H02	Dry Creek
H03	Eastern Pomo
H04	Kashia Band of Pomo Indians of the Stewarts Point Rancheria
H05	Northern Pomo
H06	Pomo
H07	Scotts Valley Band
H08	Stonyford
H09	Elem Indian Colony of the Sulphur Bank
H10	Sherwood Valley Rancheria of Pomo Indians of California
H11	Guidiville Rancheria of California

Code Lists

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Pomo–Con.

H12	Lytton Rancheria of California
H13	Cloverdale Rancheria
H14	Coyote Valley Band
H15-H65	(See below under Ponca through Pueblo)
H66	Hopland Band of Pomo Indians
H67	Manchester Band of Pomo Indians of the Manchester-Point Arena Rancheria
H68	Middletown Rancheria of Pomo Indians
H69	Pinoleville Rancheria of Pomo Indians
H70-H92	(See below under Puget Sound Salish)
H93	Potter Valley Rancheria of Pomo Indians
H94	Redwood Valley Rancheria of Pomo Indians
H95	Robinson Rancheria of Pomo Indians
H96	Upper Lake Band of Pomo Indians of Upper Lake Rancheria

Ponca

H15	Nebraska Ponca
H16	Oklahoma Ponca
H17	Ponca
H18-H20	Not Used

Potawatomi

H21	Citizen Potawatomi Nation
H22	Forest County Potawatomi Community
H23	Hannahville Indian Community of Wisconsin Potawatomi
H24	Huron Potawatomi
H25	Pokagon Band of Potawatomi Indians
H26	Potawatomi
H27	Prairie Band of Potawatomi Indians
H28	Wisconsin Potawatomi
H29-H33	Not Used

Powhatan

H34	Powhatan
H35-H37	Not Used

Pueblo

H38	Acoma
H39	Arizona Tewa
H40	Cochiti
H41	Hopi
H42	Isleta
H43	Jemez
H44	Keres
H45	Laguna
H46	Nambe
H47	Picuris
H48	Piro
H49	Pojoaque
H50	Pueblo
H51	San Felipe
H52	San Ildefonso

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Pueblo–Con.

H53	San Juan Pueblo
H54	Not Used
H55	San Juan
H56	Sandia
H57	Santa Ana
H58	Santa Clara
H59	Santo Domingo
H60	Taos
H61	Tesuque
H62	Tewa
H63	Ysleta Del Sur Pueblo of Texas
H64	Zia
H65	Zuni
H66-H69	(See Pomo heading)

Puget Sound Salish

H70	Marietta Band of Nooksack
H71	Duwamish
H72	Kikiallus
H73	Lower Skagit
H74	Muckleshoot
H75	Nisqually
H76	Nooksack
H77	Port Madison
H78	Puget Sound Salish
H79	Puyallup
H80	Samish
H81	Sauk-Suiattle
H82	Skokomish
H83	Skykomish
H84	Snohomish
H85	Snoqualmie
H86	Squaxin Island
H87	Steilacoom
H88	Stillaguamish
H89	Suquamish
H90	Swinomish
H91	Tulalip
H92	Upper Skagit
H93-H96	(See Pomo heading)

Quapaw

H97	Quapaw
H98-H99	Not Used
I01-I99	Not Used

Quinault

J01	Quinault
J02-J04	Not Used

Code Lists   G–69

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Rappahannock

J05	Rappahannock Indian Tribe
J06	Not Used

Reno-Sparks

J07	Reno-Sparks
J08-J13	Not Used

Round Valley

J14	Round Valley
J15-J18	Not Used

Sac and Fox

J19	Sac and Fox Tribe of the Mississippi in Iowa
J20	Sac and Fox Nation of Missouri in Kansas and Nebraska
J21	Sac and Fox Nation, Oklahoma
J22	Sac and Fox
J23-J27	Not Used

Salinan

J28	Salinan
J29-J30	Not Used

Salish

J31	Salish
J32-J34	Not Used

Salish and Kootenai

J35	Salish and Kootenai
J36	Pondre Band of Salish and Kootenai
J37-J38	Not Used

Schaghticoke

J39	Schaghticoke
J40-J46	Not Used

Seminole

J47	Big Cypress
J48	Brighton
J49	Florida Seminole
J50	Hollywood Seminole
J51	Oklahoma Seminole
J52	Seminole
J53	Dania Seminole
J54	Tampa Seminole
J55-J57	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Serrano

J58	San Manual Band
J59	Serrano
J60-J61	Not Used

Shasta

J62	Shasta
J63	Quartz Valley
J64-J65	Not Used

Shawnee

J66	Absentee Shawnee Tribe of Indians of Oklahoma
J67	Eastern Shawnee
J68	Shawnee
J69	Piqua Sept of Ohio Shawnee
J70-J73	Not Used

Shinnecock

J74	Shinnecock
J75-J77	Not Used

Shoalwater Bay

J78	Shoalwater Bay
J79-J80	Not Used

Shoshone

J81	Duckwater
J82	Ely
J83	Goshute
J84	Not Used
J85	Shoshone
J86	Skull Valley Band of Goshute Indians
J87	Not Used
J88	Death Valley Timbi-Sha Shoshone
J89	Northwestern Band of Shoshoni Nation of Utah (Washakie)
J90	Wind River (Eastern Shoshone)
J91	Yomba
J92	Not Used

Te-Moak Tribes of Western Shoshone Indians of Nevada

J93	Te-Moak Tribes of Western Shoshone Indians
J94	Battle Mountain
J95	Elko
J96	South Fork
J97	Wells Band
J98	Ruby Valley
J99	Odgers Ranch

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Paiute-Shoshone

K01	Duck Valley
K02	Fallon
K03	Fort McDermitt Paiute and Shoshone Tribes
K04	Shoshone Paiute
K05	Bishop
K06	Lone Pine
K07	Big Pine Band of Owens Valley Paiute-Shoshone
K08-K09	Not Used

Siletz

K10	Confederated Tribes of the Siletz Reservation
K11-K15	Not Used

Sioux

K16	Blackfoot Sioux
K17	Brule Sioux
K18	Cheyenne River Sioux
K19	Crow Creek Sioux
K20	Dakota Sioux
K21	Flandreau Santee Sioux
K22	Fort Peck Sioux
K23	Lake Traverse Sioux
K24	Lower Brule Sioux
K25	Lower Sioux Indian Community of Minnesota Mdewakanton Sioux
K26	Mdewakanton Sioux
K27	Miniconjou
K28	Oglala Sioux
K29	Pine Ridge Sioux
K30	Pipestone Sioux
K31	Prairie Island Sioux
K32	Shakopee Mdewakanton Sioux Community (Prior Lake)
K33	Rosebud Sioux
K34	Sans Arc Sioux
K35	Santee Sioux of Nebraska
K36	Sioux
K37	Sisseton-Wahpeton
K38	Sisseton Sioux
K39	Spirit Lake Sioux (formerly Devils Lake Sioux)
K40	Standing Rock Sioux
K41	Teton Sioux
K42	Two Kettle Sioux
K43	Upper Sioux
K44	Wahpekute Sioux
K45	Wahpeton Sioux
K46	Wazhaza Sioux
K47	Yankton Sioux
K48	Yanktonai Sioux
K49-K53	Not Used

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Siuslaw

K54	Siuslaw
K55-K58	Not Used

Spokane

K59	Spokane
K60-K66	Not Used

Stockbridge-Munsee

K67	Stockbridge-Munsee Community of Mohican Indians of Wisconsin
K68-K76	Not Used

Tohono O'Odham

K77	Ak-Chin
K78	Gila Bend
K79	San Xavier
K80	Sells
K81	Tohono O'Odham
K82-K86	Not Used

Tolowa

K87	Tolowa
K88	Big Lagoon Rancheria
K89	Elk Valley Rancheria
A91	Smith River Rancheria

Tonkawa

K90	Tonkawa
K91-K92	Not Used

Trinidad

K93	Cher-Ae Indian Community of Trinidad Rancheria

Tygh

K94	Tygh
K95-K96	Not Used

Umatilla

K97	Umatilla
K98-K99	Not Used

Umpqua

L01	Cow Creek Umpqua
L02	Umpqua
L03-L05	Not Used

Ute

L06	Allen Canyon
L07	Uintah Ute

Code Lists

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Ute–Con.

L08	Ute Mountain
L09	Ute
L10	Southern Ute
L11-L14	Not Used

Wailaki

L15	Wailaki
L16-L18	Not Used

Walla-Walla

L19	Walla-Walla
L20-L21	Not Used

Wampanoag

L22	Gay Head (Aquinnah) Wampanoag
L23	Mashpee Wampanoag
L24	Wampanoag
L25	Seaconeke Wampanoag
L26	Pocasset Wampanoag
L27	Not Used

Warm Springs

L28	Warm Springs
L29-L33	Not Used

Wascopum

L34	Wascopum
L35-L37	Not Used

Washoe

L38	Alpine
L39	Carson Colony
L40	Dresslerville Colony
L41	Washoe
L42	Stewart Community
L43	Woodsfords Community
L44-L46	Not Used

Wichita

L47	Wichita
L48	Keechi
L49	Waco
L50	Tawakonie
L51	Not Used

Wind River

L52	Wind River
L53-L54	Not Used

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Winnebago

L55	Ho-Chunk Nation of Wisconsin
L56	Nebraska Winnebago
L57	Winnebago
L58-L65	Not Used

Wintun

L66	Wintun
L67	Cachil Dehe Band of Wintun Indians of the Colusa Rancheria
L68	Cortina Indian Rancheria of Wintun Indians
L69	Rumsey Indian Rancheria of Wintun Indians
L70	Not Used

Wintun-Wailaki

L71	Grindstone Indian Rancheria of Wintun-Wailaki Indians

Wiyot

L72	Table Bluff
L73	Wiyot
L74	Blue Lake Rancheria
L75-L78	Not Used

Yakama

L79	Yakama
L80-L84	Not Used

Yakama Cowlitz

L85	Yakama Cowlitz
L86-L90	Not Used

Yaqui

L91	Barrio Libre
L92	Pascua Yaqui
L93	Yaqui
L94-L99	Not Used

Yavapai Apache

M01	Yavapai Apache
M02-M06	Not Used

Yokuts

M07	Picayune Rancheria of Chukchansi Indians
M08	Tachi
M09	Tule River
M10	Yokuts
M11	Table Mountain Rancheria
M12-M15	Not Used

RACE—Con.

AMERICAN INDIAN AND ALASKA NATIVE (300-399, A01-R99)—Con.

Yuchi

M16	Yuchi
M17	Tia
M18	Wilono
M19	An-stohini/Unami
M20-M21	Not Used

Yuman

M22	Cocopah Tribe of Arizona
M23	Havasupai
M24	Hualapai
M25	Maricopa
M26	Fort Mojave Indian Tribe of Arizona
M27	Quechan
M28	Yavapai-Prescott Tribe of the Yavapai Reservation
M29-M33	Not Used

Yurok

M34	Resighini Rancheria
M35	Yurok
M36-M38	Not Used
M39	Multiple AMERICAN INDIAN and ALASKA NATIVE responses
M40	Multiple AMERICAN INDIAN responses

Tribe Not Specified

M41	American Indian
M42	Tribal Response, not elsewhere classified
M43	Not Used

ALASKA NATIVE

ALASKA INDIAN TRIBES

Alaska Indian

M44	Alaska Indian
M45-M46	Not Used

Alaska Native

M47	Alaska Native
M48-M51	Not Used

Alaskan Athabascans

M52	Ahtna
M53	Alaskan Athabascan
M54	Alatna Village
M55	Alexander
M56	Allakaket Village
M57	Alanvik
M58	Anvik Village
M59	Arctic Village
M60	Beaver Village
M61	Birch Creek Tribe
M62	Native Village of Cantwell

RACE—Con.

ALASKA INDIAN TRIBES–Con.

Alaskan Athabascans–Con.

M63	Chalkyitsik Village
M64	Chickaloon Native Village
M65	Native Village of Chistochina
M66	Native Village of Chitina
M67	Circle Native Community
M68	Cook Inlet
M69	Not Used
M70	Copper River
M71	Village of Dot Lake
M72	Doyon
M73	Native Village of Eagle
M74	Eklutna Native Village
M75	Evansville Village (Bettles Field)
M76	Native Village of Fort Yukon
M77	Native Village of Gakona
M78	Galena Village (Louden Native Village)
M79	Organized Village of Grayling (Holikachuk)
M80	Gulkana Village
M81	Healy Lake Village
M82	Holy Cross Village
M83	Hughes Village
M84	Huslia Village
M85	Village of Iliamna
M86	Village of Kaltag
M87	Native Village of Kluti Kaah (Copper Center)
M88	Knik Tribe
M89	Koyukuk Native Village
M90	Lake Minchumina
M91	Lime Village
M92	McGrath Native Village
M93	Manley Hot Springs Village
M94	Mentasta Traditional Council
M95	Native Village of Minto
M96	Nenana Native Association
M97	Nikolai Village
M98	Ninilchik Village Traditional Council
M99	Nondalton Village
N01	Northway Village
N02	Nulato Village
N03	Pedro Bay Village
N04	Rampart Village
N05	Native Village of Ruby
N06	Village of Salamatoff
N07	Seldovia Village Tribe
N08	Slana
N09	Shageluk Native Village
N10	Native Village of Stevens
N11	Village of Stony River
N12	Takotna Village
N13	Native Village of Tanacross
N14	Tanaina
N15	Native Village of Tanana

RACE—Con.

ALASKA INDIAN TRIBES–Con.

Alaskan Athabascans–Con.

N16	Tanana Chiefs
N17	Native Village of Tazlina
N18	Telida Village
N19	Native Village of Tetlin
N20	Tok
N21	Native Village of Tyonek
N22	Village of Venetie
N23	Wiseman
N24	Kenaitze Indian Tribe
N25-N27	Not Used

Tlingit-Haida

N28	Angoon Community Association
N29	Central Council of the Tlingit and Haida Indian Tribes
N30	Chilkat Indian Village (Kluckwan)
N31	Chilkoot Indian Association (Haines)
N32	Craig Community Association
N33	Douglas Indian Association
N34	Haida
N35	Hoonah Indian Association
N36	Hydaburg Cooperative Association
N37	Organized Village of Kake
N38	Organized Village of Kasaan
N39	Not Used
N40	Ketchikan Indian Corporation
N41	Klawock Cooperative Association
N42	Not Used
N43	Pelican
N44	Petersburg Indian Association
N45	Organized Village of Saxman
N46	Sitka Tribe of Alaska
N47	Tenakee Springs
N48	Tlingit
N49	Wrangell Cooperative Association
N50	Yakutat Tlingit Tribe
N51	Juneau
N52-N55	Not Used

Tsimshian

N56	Metlakatla Indian Community, Annette Island Reserve
N57	Tsimshian
N58	Not Used

Sealaska

N59	Sealaska
N60	Sealaska Corporation
N61-N63	Not Used

Southeast Alaska

N64	Southeast Alaska
N65	Skagway Village
N66	Not Used

RACE—Con.

ESKIMO TRIBES

N67	American Eskimo
N68	Eskimo

Greenland Eskimo

N69	Greenland Eskimo
N70-N74	Not Used

Inuit

N75	Inuit
N76-N78	Not Used

Inupiat Eskimo

N79	Native Village of Ambler
N80	Anaktuvuk
N81	Village of Anaktuvuk Pass
N82	Inupiat Community of the Arctic Slope
N83	Arctic Slope Corporation
N84	Atqasuk Village (Atkasook)
N85	Native Village of Barrow Inupiat Traditional Government
N86	Bering Straits Inupiat
N87	Native Village of Brevig Mission
N88	Native Village of Buckland
N89	Chinik Eskimo Community (Golovin)
N90	Native Village of Council
N91	Native Village of Deering
N92	Native Village of Elim
N93	Not Used
N94	Native Village of Diomede (Inalik)
N95	Inupiaq
N96	Inupiat
N97	Kaktovik Village (Barter Island)
N98	Kawerak
N99	Native Village of Kiana
O01-O99	Not Used
P01	Native Village of Kivalina
P02	Native Village of Kobuk
P03	Native Village of Kotzebue
P04	Native Village of Koyuk
P05	Kwiguk
P06	Mauneluk Inupiat
P07	Nana Inupiat
P08	Native Village of Noatak
P09	Nome Eskimo Community
P10	Noorvik Native Community
P11	Native Village of Nuiqsut (Nooiksut)
P12	Native Village of Point Hope
P13	Native Village of Point Lay
P14	Native Village of Selawik
P15	Native Village of Shaktoolik

RACE—Con.

ESKIMO TRIBES–Con.

Inupiat Eskimo–Con.

P16	Native Village of Shishmaref
P17	Native Village of Shungnak
P18	Village of Solomon
P19	Native Village of Teller
P20	Native Village of Unalakleet
P21	Village of Wainwright
P22	Village of Wales
P23	Village of White Mountain
P24	White Mountain Inupiat
P25	Native Village of Mary's Igloo
P26	King Island Native Community
P27-P29	Not Used

Siberian Eskimo

P30	Native Village of Gambell
P31	Native Village of Savoonga
P32	Siberian Yupik
P33-P35	Not Used

Cupiks Eskimo

P36	Chevak Native Village
P37	Native Village of Mekoryuk

Yup'ik

P38	Akiachak Native Community
P39	Akiak Native Community
P40	Village of Alakanuk
P41	Native Village of Aleknagik
P42	Yupiit of Andreafski
P43	Village of Aniak
P44	Village of Atmautluak
P45	Orutsararmuit Native Village (Bethel)
P46	Village of Bill Moore's Slough
P47	Bristol Bay
P48	Calista
P49	Village of Chefornak
P50	Native Village of Hamilton
P51	Native Village of Chuathbaluk
P52	Village of Clark's Point
P53	Village of Crooked Creek
P54	Curyung Tribal Council (Native Village of Dillingham)
P55	Native Village of Eek
P56	Native Village of Ekuk
P57	Ekwok Village
P58	Emmonak Village
P59	Native Village of Goodnews Bay
P60	Native Village of Hooper Bay
P61	Iqurmuit Traditional Council
P62	Village of Kalskag
P63	Native Village of Kasigluk
P64	Native Village of Kipnuk

ESKIMO TRIBES–Con.

Yup'ik–Con.

P65	New Koliganek Village Council
P66	Native Village of Kongiganak
P67	Village of Kotlik
P68	Organized Village of Kwethluk
P69	Native Village of Kwigillingok
P70	Levelock Village
P71	Village of Lower Kalskag
P72	Manokotak Village
P73	Native Village of Marshall (Fortuna Lodge)
P74	Village of Ohogamiut
P75	Asa'carsarmiut Tribe
P76	Naknek Native Village
P77	Native Village of Napaimute
P78	Native Village of Napakiak
P79	Native Village of Napaskiak
P80	Newhalen Village
P81	New Stuyahok Village
P82	Newtok Village
P83	Native Village of Nightmute
P84	Native Village of Nunapitchuk
P85	Oscarville Traditional Village
P86	Pilot Station Traditional Village
P87	Native Village of Pitkas Point
P88	Platinum Traditional Village
P89	Portage Creek Village (Ohgsenakale)
P90	Native Village of Kwinhagak
P91	Village of Red Devil
P92	Native Village of Saint Michael
P93	Native Village of Scammon Bay
P94	Native Village of Sheldon's Point
P95	Village of Sleetmute
P96	Stebbins Community Association
P97	Traditional Village of Togiak
P98	Nunakauyarmiut Tribe (Toksook Bay)
P99	Tuluksak Native Community
Q01-Q99	Not Used
R01	Native Village of Tuntutuliak
R02	Native Village of Tununak
R03	Twin Hills Village
R04	Yup'ik
R05	Yup'ik Eskimo
R06	Native Village of Georgetown
R07	Algaaciq Native Village (St. Mary's)
R08	Umkumiute Native Village
R09	Chuloonawick Native Village
R10	Not Used

Code Lists   G–81

RACE—Con.

ALEUT TRIBES

Aleut

R11	Aleut
R12-R15	Not Used

Alutiiq Aleut

R16	Alutiiq
R17	Village of Afognak
R18-R22	Not Used
R23	Native Village of Tatitlek
R24	Ugashik Village
R25-R27	Not Used

Bristol Bay Aleut

R28	Bristol Bay Aleut
R29	Native Village of Chignik
R30	Chignik Lake Village
R31	Egegik Village
R32	Igiugig Village
R33	Ivanoff Bay Village
R34	King Salmon
R35	Kokhanok Village
R36	Native Village of Perryville
R37	Native Village of Pilot Point
R38	Native Village of Port Heiden
R39-R42	Not Used

Chugach Aleut

R43	Native Village of Chanega (Chenega)
R44	Chugach Aleut
R45	Chugach Corporation
R46	Native Village of Nanwalek (English Bay)
R47	Native Village of Port Graham
R48-R50	Not Used

Eyak

R51	Eyak
R52-R54	Not Used

Koniag Aleut

R55	Native Village of Akhiok
R56	Agdaagux Tribe of King Cove
R57	Native Village of Karluk
R58	Native Village of Kanatak
R59	Kodiak
R60	Koniag Aleut
R61	Native Village of Larsen Bay
R62	Village of Old Harbor
R63	Native Village of Ouzinkie
R64	Native Village of Port Lions
R65	Lesnoi Village (Woody Island)
R66	Not Used

ALEUT TRIBES—Con.

Sugpiaq

R67	Sugpiaq
R68-R70	Not Used

Suqpigaq

R71	Suqpigaq
R72-R74	Not Used

Unangan Aleut

R75	Native Village of Akutan
R76	Aleut Corporation
R77	Aleutian
R78	Aleutian Islander
R79	Native Village of Atka
R80	Native Village of Belkofski
R81	Native Village of Chignik Lagoon
R82	King Cove
R83	Native Village of False Pass
R84	Native Village of Nelson Lagoon
R85	Native Village of Nikolski
R86	Pauloff Harbor Village
R87	Qagan Tayagungin Tribe of Sand Point Village
R88	Qawalangin Tribe of Unalaska
R89	Saint George
R90	Saint Paul
R91	Sand Point
R92	South Naknek Village
R93	Unangan
R94	Unalaska
R95	Native Village of Unga
R96	Kaguyak Village
R97-R98	Not Used
R99	Multiple ALASKA NATIVE responses

ASIAN (400-499)

400	Asian Indian (Checkbox)
401	Asian Indian
402	Bangladeshi
403	Bhutanese
404	Burmese
405	Cambodian
406-409	Not Used
410	Chinese (Checkbox)
411	Chinese
412	Taiwanese
413-419	Not Used
420	Filipino (Checkbox)
421	Filipino
422	Hmong
423	Indonesian

RACE—Con.

ASIAN (400-499)–Con.

424-429	Not Used
430	Japanese (Checkbox)
431	Japanese
432-439	Not Used
440	Korean (Checkbox)
441	Korean
442	Laotian
443	Malaysian
444	Okinawan
445	Pakistani
446	Sri Lankan
447	Thai
448-449	Not Used
450	Vietnamese (Checkbox)
451	Vietnamese
452-459	Not Used
460	Other Asian (Checkbox)
461	Not Used
462	Asian
463	Asiatic
464	Not Used
465	Mongolian
466	Oriental
467	Whello
468	Yello
469	Indo-Chinese
470	Iwo Jiman
471	Maldivian
472	Nepalese
473	Singaporean
474-479	Not Used
480	Multiple ASIAN responses
481-499	Not Used

NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER (500-599)

Polynesian (500-519)

500	Native Hawaiian (Checkbox)
501	Native Hawaiian
502	Hawaiian
503	Part Hawaiian
504-509	Not Used
510	Samoan (Checkbox)
511	Samoan
512	Tahitian
513	Tongan
514	Polynesian
515	Tokelauan
516-519	Not Used

Code Lists

RACE—Con.

NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER (500-599)–Con.

Micronesian (520-529, 531-541)

520	Guamanian or Chamorro (Checkbox)
521	Guamanian
522	Chamorro
523-529	Not Used
530	See below under Other Pacific Islander
531	Mariana Islander
532	Marshallese
533	Palauan
534	Carolinian
535	Kosraean
536	Micronesian
537	Pohnpeian
538	Saipanese
539	Kirabati
540	Chuukese
541	Yapese

Melanesian (542-546)

542	Fijian
543	Melanesian
544	Papua New Guinean
545	Solomon Islander
546	New Hebrides

Other Pacific Islander (530, 547-599)

530	Other Pacific Islander (Checkbox)
547	Pacific Islander
548-549	Not Used
550	Multiple NATIVE HAWAIIAN and OTHER PACIFIC ISLANDER responses
551-599	Not Used

SOME OTHER RACE (600-999)

600	Some Other Race (Checkbox)
601	Argentinean
602	Bolivian
603	Not Used
604	Central American
605	Chicano
606	Chilean
607	Colombian
608	Costa Rican
609	Cuban
610	Ecuadorian
611	Salvadoran
612	Guatemalan
613	Hispanic
614	Honduran

SOME OTHER RACE (600-999)–Con.

615	Latin American
616	Mestizo
617	Mexican
618	Nicaraguan
619	Panamanian
620	Paraguayan
621	Peruvian
622	Puerto Rican
623	Morena
624	South American
625	Spanish
626	Spanish-American
627	Sudamericano
628	Uruguayan
629	Venezuelan
630	Spaniard
631	Tejano
632	Cayman Islander
633	Moroccan
634	North African
635	United Arab Emirates
636	South African/Afrikaner
637	Azerbaijani
638	Aryan
639	Not Used
640	Dominican/Dominican Republic
641	Dominica Islander
642	Belizean
643	Bermudan
644	Aruba Islander
645	Cayenne
646	Guyanese
647	Surinam
648	Sudanese
649	Amerasian
650	Eurasian
651	Brazilian
652	Brown
653	Bushwacker
654	Not Used
655	Cape Verdean
656	Chocolate
657	Coe Clan
658	Coffee
659	Cosmopolitan
660	Issues
661	Jackson White
662	Melungeon
663	Mixed
664	Ramp
665	Wesort
666	Mulatto
667	Moor

RACE—Con.

SOME OTHER RACE (600-999)–Con.

668	Biracial
669	Creole
670	Indian
671	Turk
672	Half-Breed
673	Rainbow
674	Octoroon
675	Quadroon
676	Multiracial
677	Interracial
678	Multiethnic
679	Multinational
680-689	Not Used
690	Multiple SOME OTHER RACE responses
691-698	Not Used
699	Other race, not elsewhere classified
700-999	Not Used

CENSUS 2000 STATE AND FOREIGN COUNTRY CODE LIST

(Note: This code list is used for place of birth, parents' place of birth, migration, and place of work.)

Codes	State and Foreign Country
001-059	**United States**
001	Alabama
002	Alaska
003	Not Used
004	Arizona
005	Arkansas
006	California
007	Not Used
008	Colorado
009	Connecticut
010	Delaware
011	District of Columbia
012	Florida
013	Georgia
014	Not Used
015	Hawaii
016	Idaho
017	Illinois
018	Indiana
019	Iowa
020	Kansas
021	Kentucky
022	Louisiana
023	Maine
024	Maryland
025	Massachusetts
026	Michigan
027	Minnesota
028	Mississippi
029	Missouri
030	Montana
031	Nebraska
032	Nevada
033	New Hampshire
034	New Jersey
035	New Mexico
036	New York
037	North Carolina
038	North Dakota
039	Ohio
040	Oklahoma
041	Oregon
042	Pennsylvania
043	Not Used
044	Rhode Island
045	South Carolina

Codes	State and Foreign Country

001-059   United States—Con.

046	South Dakota
047	Tennessee
048	Texas
049	Utah
050	Vermont
051	Virginia
052	Not Used
053	Washington
054	West Virginia
055	Wisconsin
056	Wyoming
057-059	Not Used

060-099   U.S. Island Areas

060	American Samoa
061-065	Not Used
066	Guam
067	Johnston Atoll
068	Not Used
069	Northern Marianas
070	Not Used
071	Midway Islands
072	Puerto Rico
073-075	Not Used
076	Navassa Island
077	Not Used
078	U.S. Virgin Islands
079	Wake Island
080	Not Used
081	Baker Island
082-083	Not Used
084	Howland Island
085	Not Used
086	Jarvis Island
087-088	Not Used
089	Kingman Reef
090-094	Not Used
095	Palmyra Atoll
096	U.S. Island Area not specified (Place of Work only)
097-099	Not Used
781	St. Croix Island
782	St. John Island
783	St. Thomas Island

100-157, 160,   Europe
162-199

100	Albania
101	Andorra
102	Austria
103	Belgium
104	Bulgaria
105	Czechoslovakia
106	Denmark

Code Lists

Codes	State and Foreign Country
100-157, 160, 162-199	**Europe**—Con.

107	Faroe Islands
108	Finland
109	France
110	Germany
111-114	Not Used
115	Gibraltar
116	Greece
117	Hungary
118	Iceland
119	Ireland
120	Italy
121	Jan Meyan
122	Liechtenstein
123	Luxembourg
124	Malta
125	Monaco
126	Netherlands
127	Norway
128	Poland
129	Portugal
130	Azores Islands
131	Madeira Islands
132	Romania
133	San Marino
134	Spain
135	Svalbard
136	Sweden
137	Switzerland
138	United Kingdom
139	England
140	Scotland
141	Wales
142	Northern Ireland
143	Guernsey
144	Jersey
145	Isle of Man
146	Vatican City
147	Yugoslavia
148	Czech Republic
149	Slovakia
150	Bosnia and Herzegovina
151	Croatia
152	Macedonia
153	Slovenia
154	Serbia
155	Estonia
156	Latvia
157	Lithuania
160	Belarus

Codes	State and Foreign Country
100-157, 160, 162-199	**Europe**—Con.

162	Moldova
163	Russia
164	Ukraine
165	USSR
166	Europe
167	Kosovo
168-199	Not Used

158-159, 161, 200-299	**Asia**

158	Armenia
159	Azerbaijan
161	Georgia
200	Afghanistan
201	Bahrain
202	Bangladesh
203	Bhutan
204	Brunei
205	Myanmar (Burma)
206	Cambodia
207	China
208	Cyprus
209	Hong Kong
210	India
211	Indonesia
212	Iran
213	Iraq
214	Israel
215	Japan
216	Jordan
217	Korea
218	Kazakhstan
219	Kyrgyzstan
220	South Korea
221	North Korea
222	Kuwait
223	Laos
224	Lebanon
225	Macau
226	Malaysia
227	Maldives
228	Mongolia
229	Nepal
230	Oman
231	Pakistan
232	Paracel Islands
233	Philippines
234	Qatar
235	Saudi Arabia

Codes   **State and Foreign Country**

158-159, 161,   **Asia**—Con.
200-299

236	Singapore
237	Spratley Islands
238	Sri Lanka
239	Syria
240	Taiwan
241	Tajikistan
242	Thailand
243	Turkey
244	Turkmenistan
245	United Arab Emirates
246	Uzbekistan
247	Vietnam
248	Yemen
249	Asia
250-299	Not Used

300-399   **America**

300-302,   **Northern America**
304-309

300	Bermuda
301	Canada
302	Greenland
304	St Pierre & Miquelon
305	North America
306-309	Not Used

303, 310-399   **Latin America**

303, 310-319   **Central America**

303	Mexico
310	Belize
311	Costa Rica
312	El Salvador
313	Guatemala
314	Honduras
315	Nicaragua
316	Panama
317	Central America
318-319	Not Used

320-359   **Caribbean**

320	Anguilla
321	Antigua & Barbuda
322	Aruba
323	Bahamas
324	Barbados
325	British Virgin Islands
326	Cayman Islands
327	Cuba

Codes	State and Foreign Country

320-359   **Caribbean**—Con.

328	Dominica
329	Dominican Republic
330	Grenada
331	Guadeloupe
332	Haiti
333	Jamaica
334	Martinique
335	Montserrat
336	Netherlands Antilles
337	St Barthelemy
338	St Kitts-Nevis
339	St Lucia
340	St Vincent & the Grenadines
341	Trinidad & Tobago
342	Turks & Caicos Islands
343	West Indies
344-359	Not Used

360-399   **South America**

360	Argentina
361	Bolivia
362	Brazil
363	Chile
364	Colombia
365	Ecuador
366	Falkland Islands
367	French Guiana
368	Guyana
369	Paraguay
370	Peru
371	Suriname
372	Uruguay
373	Venezuela
374	South America
375-399	Not Used

400-499   **Africa**

400	Algeria
401	Angola
402	Benin
403	Botswana
404	British Indian Ocean Territory
405	Burkina Faso
406	Burundi
407	Cameroon
408	Cape Verde
409	Central African Republic
410	Chad
411	Comoros
412	Congo

Codes	State and Foreign Country
400-499	**Africa**—Con.
413	Djibouti
414	Egypt
415	Equatorial Guinea
416	Ethiopia
417	Eritrea
418	Europa Island
419	Gabon
420	Gambia
421	Ghana
422	Glorioso Islands
423	Guinea
424	Guinea-Bissau
425	Ivory Coast
426	Juan de Nova Island
427	Kenya
428	Lesotho
429	Liberia
430	Libya
431	Madagascar
432	Malawi
433	Mali
434	Mauritania
435	Mayotte
436	Morocco
437	Mozambique
438	Namibia
439	Niger
440	Nigeria
441	Reunion
442	Rwanda
443	Sao Tome & Principe
444	Senegal
445	Mauritius
446	Seychelles
447	Sierra Leone
448	Somalia
449	South Africa
450	St Helena
451	Sudan
452	Swaziland
453	Tanzania
454	Togo
455	Tromelin Island
456	Tunisia
457	Uganda
458	Western Sahara
459	Democratic Republic of Congo (Zaire)
460	Zambia
461	Zimbabwe
462	Africa
463-499	Not Used

Codes	State and Foreign Country
500-553	**Oceania**
500	Not Used
501	Australia
502	Christmas Island, Indian Ocean
503-504	Not Used
505	Cook Islands
506	Coral Sea Islands
507	Heard & McDonald Islands
508	Fiji
509	French Polynesia
510	Kiribati
511	Marshall Islands
512	Micronesia
513	Nauru
514	New Caledonia
515	New Zealand
516	Niue
517	Norfolk Island
518	Palau
519	Papua New Guinea
520	Pitcairn Islands
521	Solomon Islands
522	Tokelau
523	Tonga
524	Tuvalu
525	Vanuatu
526	Wallis & Futuna Islands
527	Samoa
528	Oceania
529-553	Not Used
554-780, 784-999	**At Sea/Abroad, Not Specified**
554	At sea
555	Abroad, not specified (Place of Work only)
556-780, 784-999	Not Used

INDUSTRY (COLLAPSED LIST)

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Crop and animal production	017	11M1
Forestry, fishing, and hunting	028	11M2
Mining	047	21
Electric power generation, transmission, and distribution	057	2211P
Natural gas, electric and other combinations	058	221P
Water, sewage and other systems	067	22MPS
Construction	077	23
Miscellaneous food mfg	117	311MS
Retail bakeries	119	311811
Bakeries, except retail	127	3118Z
Beverage and tobacco mfg	137	312
Textile and textile product mills, and apparel mfg	168	31MZ
Paper, printing and related support activities	199	32M1
Petroleum and coal products mfg	207	324
Chemical mfg	219	325
Plastics, rubber products and nonmetallic mineral product manufacturing	257	32M2
Primary metal mfg	268	331
Miscellaneous metal products mfg	287	33MZS
Machinery manufacturing	308	333
Computer, electronics and electrical components mfg	339	33M1
Transportation equipment mfg	368	336
Wood product, furniture and related product manufacturing	389	3M
Miscellaneous manufacturing	398	3MZS
Miscellaneous durable goods wholesalers	409	421MZ
Professional and commercial equipment and supplies	417	4214
Electrical goods	419	4216
Hardware, plumbing and heating equipment and supplies	426	4217
Machinery, equipment, and supplies	427	4218
Drugs, sundries, and chemical and allied product wholesalers	438	422M
Groceries and related product wholesalers	447	4224
Miscellaneous nondurable goods wholesalers	449	422MZ
Alcoholic beverage wholesalers	456	4228
Not specified wholesale trade	459	42S
Automobile dealers	467	4411
Other motor vehicle dealers	468	4412
Auto parts, accessories, and tire stores	469	4413
Furniture and home furnishings stores	477	442
Household appliance stores	478	443111
Radio, TV, and computer stores	479	4431M
Building material and supplies dealers	487	4441Z
Hardware stores	488	44413
Grocery stores	497	4451
Specialty food stores	498	4452
Beer, wine, and liquor stores	499	4453
Pharmacies and drug stores	507	44611
Health and personal care, except drug, stores	508	446Z
Gasoline stations	509	447
Clothing and accessories, except shoe, stores	517	448ZM
Shoe stores	518	44821
Jewelry, luggage, and leather goods stores	519	4483

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Sporting goods, camera, and hobby and toy stores	527	4M1
Music stores	529	451M
Book stores and news dealers	537	45121
Department stores	538	45211
Miscellaneous general merchandise stores	539	4529
Retail florists	547	4531
Office supplies and stationary stores	548	45321
Gift, novelty, and souvenir shops	557	45322
Miscellaneous retail stores	558	4M2
Nonstore retailers	569	454
Not specified retail trade	579	4MS
Air and rail transportation	607	48M1
Water transportation	609	483
Truck transportation	617	484
Bus service and urban transit	618	485M
Taxi and limousine service	619	4853
Scenic and sightseeing transportation	628	487
Miscellaneous transportation services	629	48M2
Postal service	637	491
Couriers, messengers, and warehousing and storage	638	49M
Publishing	647	511MZ
Motion picture and sound recording industries	657	512
Radio and television broadcasting and cable	667	513M
Wired telecommunications carriers	668	51331
Other telecommunication services	669	5133Z
Information services	677	514
Banking and related activities	687	52M1
Savings institutions, including credit unions	688	5221M
Non-depository credit and related activities	689	522M
Securities, commodities, funds, trusts, and other financial investments	697	52M2
Insurance carriers and related activities	699	524
Real estate	707	531
Automotive equipment rental and leasing	708	5321
Video tape and disk rental	717	53223
Other consumer goods rental	718	532M
Commercial, industrial, and other intangible assets rental and leasing	719	53M
Legal services	727	5411
Accounting, tax preparation, bookkeeping and payroll services	728	5412
Architectural, engineering, and related services	729	5413
Specialized design services	737	5414
Computer systems design and related services	738	5415
Management, scientific and technical consulting services	739	5416
Advertising and related services	747	5418
Veterinary services	748	54194
Miscellaneous professional, scientific, and technical services	749	541MZ
Employment services	758	5613
Business support services	759	5614
Travel arrangement and reservation services	767	5615
Investigation and security services	768	5616

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Services to buildings and dwellings	769	5617Z
Landscaping services	777	56173
Management of companies and enterprises, administrative and support services	778	5M
Waste management and remediation services	779	562
Elementary and secondary schools	786	6111
Colleges and universities, including junior colleges	787	611M1
Miscellaneous educational services	789	611M2
Offices of physicians	797	6211
Offices of dentists	798	6212
Offices of other health practitioners	808	6213
Outpatient care centers	809	6214
Home health care services	817	6216
Other health care services	818	621M
Hospitals	819	622
Nursing care facilities	827	6231
Residential care facilities, without nursing	829	623M
Individual and family services	837	6241
Miscellaneous social assistance services	839	624M
Child day care services	847	6244
Independent artists, performing arts, spectator sports, and related industries	856	711
Museums, art galleries, historical sites, and similar institutions	857	712
Amusement, gambling, and recreation industries	859	713
Traveler accommodation	866	7211
Recreational vehicle parks and camps, and rooming and boarding houses	867	721M
Restaurants and other food services	868	722Z
Drinking places, alcoholic beverages	869	7224
Automotive repair	877	8111
Electronic and precision equipment repair and maintenance	879	8112
Commercial and industrial machinery and equipment repair and maintenance	887	8113
Personal and household goods repair and maintenance	888	8114
Barber shops	897	812111
Beauty salons	898	812112
Nail salons and other personal care services	899	8121M
Drycleaning and laundry services	907	8123
Miscellaneous personal services	909	812M
Religious organizations	916	8131
Civic, social, advocacy organizations, and grantmaking and giving services	917	813M
Business, professional, labor, political, and similar organizations	918	8139
Private households	929	814
Executive offices and legislative bodies	937	9211MP
Public finance activities	938	92113
Other general government and support	939	92119
Justice, public order, and safety activities	947	92MP
Administration of human resource programs	948	923

NAICS Based Census 2000 Category Title	Census 2000	1997 NAICS Equivalent
Administration of environmental quality and housing programs	949	92M1
Administration of economic programs and space research	957	92MZ
National security and international affairs	959	928Z
U.S. Armed Forces	987	928110
Unemployed, with no work experience since 1995	992	9920

Legend:
M = Multiple NAICS codes
P = Part of a NAICS code - NAICS code split between two or more Census codes
S = Not specified Industry in NAICS sector - Specific to Census codes only
Z = Exception to NAICS code - Part of NAICS industry has own Census code

OCCUPATION (COLLAPSED LIST)

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Advertising, marketing, promotions, public relations, and sales managers	005	11-2000
Administrative services managers	010	11-3011
Computer and Information Systems managers	011	11-3021
Financial managers	012	11-3031
Human resources managers	013	11-3040
Purchasing managers	015	11-3061
Transportation, storage, and distribution managers	016	11-3071
Farm, ranch, and other agricultural managers	020	11-9011
Farmers and ranchers	021	11-9012
Construction managers	022	11-9021
Education administrators	023	11-9030
Food service managers	031	11-9051
Gaming and lodging managers	034	11-90XX
Medical and health services managers	035	11-9111
Natural science managers	036	11-9121
Property, real estate, and community association managers	041	11-9141
Social and community service managers	042	11-9151
Managers, all other	043	11-XXXX
Agents and business managers of artists, performers, and athletes	050	13-1011
Buyers and purchasing agents	052	13-1020
Claims adjusters, appraisers, examiners, and investigators	054	13-1030
Compliance officers, except agriculture, construction, health and safety, and transportation	056	13-1041
Human resources, training, and labor relations specialists	062	13-1070
Management analysts	071	13-1111
Other business operations specialists	073	13-1XXX
Accountants and auditors	080	13-2011
Appraisers and assessors of real estate	081	13-2021
Budget and credit analysts	082	13-20XX
Financial analysts and advisors	086	13-2050
Financial examiners, loan counselors and officers	091	13-2XXX
Other financial specialists	093	13-2YYY
Computer and mathematical science occupations	100	15-XXXX
Architects, surveyors and cartographers	130	17-1000
Chemical engineers	135	17-2041
Civil engineers	136	17-2051
Computer hardware, electrical and electronics engineers	141	17-20XX
Other engineers	153	17-2XXX
Drafters	154	17-3010
Engineering technicians, except drafters	155	17-3020
Surveying and mapping technicians	156	17-3031
Life scientists	161	19-1000
Physical scientists	174	19-2000
Social scientists and related workers	182	19-3000
Life, physical, and social science technicians	196	19-4000
Counselors	200	21-1010
Social workers	201	21-1020
Miscellaneous community and social service specialists	202	21-1090
Clergy	204	21-2011
Other religious workers	206	27-20XX
Lawyers, judges, and related workers	210	27-1000

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Paralegals and legal assistants	214	23-2011
Miscellaneous legal support workers	215	23-2090
Postsecondary teachers	220	25-1000
Preschool and kindergarten teachers	230	25-2010
Elementary and middle school teachers	231	25-2020
Secondary school teachers	232	25-2030
Special education teachers, and other teachers and instructors	234	25-XXXX
Librarians, curators, and archivists	243	25-4000
Other education, training, and library occupations	254	25-9000
Artists and related workers	260	27-1010
Designers	263	27-1020
Actors, producers, and directors	271	27-2000
Athletes, coaches, umpires, and related workers	272	27-2020
Musicians, singers, and related workers	275	27-2040
Other entertainers and performers, sports and related workers	276	27-20XX
Announcers, news analysts, reporters and correspondents	280	27-30XX
Public relations specialists	282	27-3031
Writers, editors, and other media and communications workers	283	27-30XX
Other media and communications equipment workers	291	27-4000
Dentists	301	29-1020
Dietitians and nutritionists	303	29-1031
Pharmacists	305	29-1051
Physicians, surgeons, and physician assistants	306	29-10XX
Registered nurses	313	29-1111
Therapists	316	29-1120
Therapists, all other	324	29-1129
Other health diagnosing and treating practitioners	325	29-1XXX
Clinical laboratory technologists and technicians	330	29-2010
Emergency medical technicians and paramedics	340	29-2041
Health diagnosing and treating practitioner support technicians	341	29-2050
Licensed practical and licensed vocational nurses	350	29-2061
Other healthcare practitioners and technical occupations	354	29-XXXX
Nursing, psychiatric, and home health aides	360	31-1010
Massage therapists	363	31-9011
Dental assistants	364	31-9091
Other healthcare support occupations	365	31-XXXX
First-line supervisors/managers, law enforcement	371	33-1010
First-line supervisors/managers of fire fighting and prevention workers	372	33-1021
Supervisors, protective service workers, all other	373	33-1099
Fire fighting and prevention workers	374	33-2000
Law enforcement workers	382	33-3000
Private detectives and investigators	391	33-9021
Security guards and gaming surveillance officers	392	33-9030
Crossing guards	394	33-9091
Other protective service workers	395	33-90XX
Chefs and head cooks	400	35-1011
First-line supervisors/managers of food preparation and serving workers	401	35-1012
Cooks	402	35-2010
Food preparation workers	403	35-2021
Bartenders	404	35-3011
Combined food preparation and serving workers, including fast food	405	35-3021
Counter attendants, cafeteria, food concession, and coffee shop	406	35-3022
Waiters and waitresses	411	35-3031
Food servers, nonrestaurant	412	35-3041

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Dining room and cafeteria attendants and bartender helpers	413	35-9011
Dishwashers	414	35-9021
Miscellaneous food preparation and serving related workers	415	35-XXXX
First-line supervisors/managers of housekeeping and janitorial workers	420	37-1011
First-line supervisors/managers of landscaping, lawn service, and	421	37-1012
Janitors and building cleaners	422	37-201X
Maids and housekeeping cleaners	423	37-2012
Pest control workers	424	37-2021
Grounds maintenance workers	425	37-3010
Supervisors, personal care and service workers	432	39-1000
Animal care and service workers	434	39-2000
Entertainment attendants and related workers	440	39-3000
Barbers	450	39-5011
Hairdressers, hairstylists, and cosmetologists	451	39-5012
Miscellaneous personal appearance workers	452	39-5090
Baggage porters, bellhops, and concierges	453	39-6010
Tour and travel guides	454	39-6020
Transportation attendants	455	39-6030
Child care workers	460	39-9011
Personal and home care aides	461	39-9021
Recreation and fitness workers	462	39-9030
Other personal care and service workers	465	39-XXXX
First-line supervisors/managers of retail sales workers	470	41-1011
First-line supervisors/managers of non-retail sales workers	471	41-1012
Cashiers	472	41-2010
Counter and rental clerks	474	41-2021
Parts salespersons	475	41-2022
Retail salespersons	476	41-2031
Advertising sales agents	480	41-3011
Insurance sales agents	481	41-3021
Travel agents	483	41-3041
Sales representatives, services, all other	484	41-3099
Sales representatives, wholesale and manufacturing	485	41-4010
Real estate brokers and sales agents	492	41-9020
Door-to-door sales workers, news and street vendors, and related workers	495	41-9091
Other sales and related workers	496	41-XXXX
First-line supervisors/managers of office and administrative support workers	500	43-1011
Switchboard operators, including answering service	501	43-2011
Telephone operators and other communications equipment operators	502	43-20XX
Bill and account collectors	510	43-3011
Billing and posting clerks and machine operators	511	43-3021
Bookkeeping, accounting, and auditing clerks	512	43-3031
Payroll and timekeeping clerks	514	43-3051
Miscellaneous financial clerks	515	43-30XX
Tellers	516	43-3071
Court, municipal, and license clerks	522	43-4031
Credit authorizers, checkers, and clerks	523	43-4041
Customer service representatives	524	43-4051
File clerks	526	43-4071
Hotel, motel, and resort desk clerks	530	43-4081
Interviewers, except eligibility and loan	531	43-4111

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Human resources assistants, except payroll and timekeeping	536	43-4161
Receptionists and information clerks	540	43-4171
Reservation and transportation ticket agents and travel clerks	541	43-4181
Other information and record clerks	542	43-4XXX
Couriers and messengers	551	43-5021
Miscellaneous material recording, scheduling, dispatching, and distributing workers	553	43-50XX
Postal service clerks	554	43-5051
Postal service mail carriers	555	43-5052
Postal service mail sorters, processors, and processing machine operators	556	43-5053
Production, planning, and expediting clerks	560	43-5061
Shipping, receiving, and traffic clerks	561	43-5071
Stock clerks and order fillers	562	43-5081
Weighers, measurers, checkers, and samplers, recordkeeping	563	43-5111
Secretaries and administrative assistants	570	43-6010
Computer operators	580	43-9011
Data entry keyers	581	43-9021
Word processors and typists	582	43-9022
Insurance claims and policy processing clerks	584	43-9041
Mail clerks and mail machine operators, except postal service	585	43-9051
Office clerks, general	586	43-9061
Statistical assistants	592	43-9111
Other office and administrative support workers	593	43-9XXX
Agricultural workers including supervisors	605	45-XXXX
Fishing, hunting, forest, conservation, and logging workers	610	45-YYYY
First-line supervisors/managers of construction trades and extraction workers	620	47-1011
Brickmasons, blockmasons, and stonemasons	622	47-2020
Carpenters	623	47-2031
Carpet, floor, and tile installers and finishers	624	47-2040
Construction laborers	626	47-2061
Operating engineers and other construction equipment operators	632	47-2073
Electricians	635	47-2111
Miscellaneous construction trades workers	640	47-2XXX
Painters and paperhangers	642	47-2140
Pipelayers, plumbers, pipefitters, and steamfitters	644	47-2150
Reinforcing iron and rebar workers	650	47-2171
Helpers, construction trades	660	47-3010
Construction and building inspectors	666	47-4011
Other construction and extraction workers	673	47-XXXX
First-line supervisors/managers of mechanics, installers, and repairers	700	49-1011
Computer, automated teller, and office machine repairers	701	49-2011
Radio and telecommunications equipment installers and repairers	702	49-2020
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	713	49-2090
Aircraft mechanics and service technicians	714	49-3011
Automotive technicians and repairers	720	49-3020
Bus and truck mechanics and diesel engine specialists	721	49-3031
Heavy vehicle and mobile equipment service technicians and mechanics	722	49-3040
Other vehicle and mobile equipment mechanics, installers, and repairers	726	49-30XX

Code Lists

SOC Based Census 2000 Category Title	Census 2000	2000 SOC Equivalent
Heating, air conditioning, and refrigeration mechanics and installers	731	49-9021
Industrial and refractory machinery mechanics	733	49-904X
General and machinery maintenance and repair workers	734	49-904Y
Millwrights	736	49-9044
Electrical power-line installers and repairers	741	49-9051
Telecommunications line installers and repairers	742	49-9052
Precision instrument and equipment repairers	743	49-9060
Other installation, maintenance, and repair workers	761	49-90XX
Other installation, maintenance, and repair workers	762	49-909X
First-line supervisors/managers of production and operating workers	770	51-1011
Assemblers and fabricators	775	51-2000
Food processing workers	780	51-3000
Metal workers and plastic workers	814	51-4000
Printing workers	824	51-5000
Laundry and dry-cleaning workers	830	51-6011
Pressers, textile, garment, and related materials	831	51-6021
Sewing machine operators	832	51-6031
Textile, apparel, and furnishings workers	835	51-6000
Woodworkers	850	51-7000
Power plant operators, distributors, and dispatchers	860	51-8010
Stationary engineers and boiler operators	861	51-8021
Water and liquid waste treatment plant and system operators	862	51-8031
Miscellaneous plant and system operators	863	51-8090
Inspectors, testers, sorters, samplers, and weighers	874	51-9061
Jewelers and precious stone and metal workers	875	51-9071
Packaging and filling machine operators and tenders	880	51-9111
Photographic process workers and processing machine operators	883	51-9130
Other production workers	896	51-9XXX
Supervisors, transportation and material moving workers	900	53-1000
Air transportation workers	903	53-2000
Miscellaneous motor vehicle operators	912	53-30XX
Driver/sales workers and truck drivers	913	53-3030
Taxi drivers and chauffeurs	914	53-3041
Sailors and marine oilers	930	53-5011
Ship and boat captains and operators	931	53-5020
Service station attendants	936	53-6031
Miscellaneous occupations	942	XX-XXXX
Industrial truck and tractor operators	960	53-7051
Cleaners of vehicles and equipment	961	53-7061
Laborers and freight, stock, and material movers, hand	962	53-7062
Packers and packagers, hand	964	53-7064
Refuse and recyclable material collectors	972	53-7081
Miscellaneous material moving worker	975	51-7XXX
Unemployed, with no work experience since 1995	992	9920

Appendix H.
Topcoded Variables and Control Counts for the 10-Percent U.S. Virgin Islands PUMS File

Table 1. **Topcoded Variables for the 10-Percent U.S. Virgin Islands PUMS File**

Item	Topcode value	Means for values at and above the topcode
House record		
Annual		
Electricity	4,000	4,900
Gas	1,600	3,500
Water	3,600	4,400
Oil	3,000	4,100
Insurance	8,000	8,900
Condominum fees	8,300	9,500
Mobile home costs	20,000	20,000
Monthly		
Rent	1,900	3,500
Mortgage	2,800	3,700
Second Mortgage	2,000	2,900
Person record		
Age	90	93
Wages	93,000	170,000
Self-employment income	90,000	167,000
Interest	70,000	205,000
Social Security	13,300	18,600
SSI	14,800	17,600
Public assistance	9,500	13,500
Retirement	46,500	82,000
Other income	31,000	56,000

Table 2. **Control Counts for the 10-Percent U.S. Virgin Islands PUMS File**

Item	Unweighted	Weighted
Housing unit records	5,023	50,230
Person records	10,939	109,390

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