

APPENDIX F.

Data Products and User Assistance

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The 1990 census data products for Puerto Rico, being released during 1991-93, are available in a variety of new and traditional media. The Census Bureau has increased the product options available to data users to meet a variety of requirements and maximize the usefulness of the data. For example, laser discs, called CD-ROM (compact disc—read-only memory), are a new data delivery medium.

The Census Bureau also expanded services and sources of assistance available to data users. For example, the data center program has over 1,400 organizations (including 25 in Puerto Rico) to provide data and services to the public.

This appendix provides a detailed introduction to the 1990 census data products and related materials, such as maps and reference publications. It concludes by describing sources of assistance and other Census Bureau data available to the public.

DATA PRODUCTS

Printed reports and computer tape files traditionally are the most widely used products. The Census Bureau also offers data on microfiche, on CD-ROM laser discs, and through its online service, CENDATA™. These various products are described below. For information about prices and how to order, write or call Customer Services. (See the "Sources of Assistance" section for the address and phone number.)

The data products present statistics about the subjects covered in the 1990 census questionnaires for Puerto Rico. These subjects are listed in figure 1, page F-6. As the figure shows, there are 100-percent subjects (those covered in questions asked of everyone or about every housing unit) and sample subjects (those covered in questions asked at about one out of every six housing units). Generally, a data product presents either 100-percent data prepared by tabulating the responses to the 100-percent questions from all questionnaires, or sample data prepared by tabulating only the responses to the 100-percent and sample questions from the "long-form" questionnaires. One report, 1990 CPH-3, (see figure 2, page F-7), presents both 100-percent and sample data.

Printed Reports

Printed reports are the most convenient and readily available source of data for most census users. The Census Bureau releases the reports in several series (see figure 2) that are grouped under three broad titles: *1990 Census of Population and Housing (1990 CPH)*, *1990 Census of Population (1990 CP)*, and *1990 Census of Housing (1990 CH)*. In addition, there are reports, not reflected in figure 2, for the United States, the Virgin Islands of the United States, and the Pacific territories under U.S. jurisdiction. The reports are sold by the Superintendent of Documents, U.S. Government Printing Office. (See the "Sources of Assistance" section for the address and phone number.)

The content and geographic coverage of the Puerto Rico reports are listed in figure 2. Report series that present data for small areas, such as census tracts, contain limited subject-matter detail (for example, counts of people by age ranges—under 5 years, 5 to 9 years, etc.—rather than by single years). Report series that include greater amounts of subject-matter detail include less geographic detail.

Computer Tape Files

The Census Bureau provides more data on tape and other machine-readable products than in printed reports. These products are sold by the Census Bureau's Customer Services. There are several general types of data files released on computer tape (available on both reels and cartridges). They are introduced below, and more information is presented in figures 3 and 4, pages F-9 and F-10.

Redistricting Data—This data file presents the counts designed and formatted for use in legislative redistricting. These counts also are available on CD-ROM and paper listings. Excerpts are available on CENDATA™. The counts, for areas as small as blocks, census tracts, and voting districts, include totals for population, population 18 years old and over, and housing units. (See figure 4.)

Summary Tape Files (STF's)— These computer tape files provide statistics with greater subject-matter detail than printed reports. They also present statistics for some types of areas, such as block groups and blocks, that are not included in the reports. (See figure 3.)

specific types of geographic areas.

- Most STF's have two file types (indicated by a letter suffix attached to the STF number) that differ in the geographic levels reported, but contain the same data detail.
- STF's 1 and 2 contain 100-percent data, and STF's 3 and 4 contain sample data.
- STF's 1 and 3 report on smaller areas and offer less data detail than STF's 2 and 4.
- STF's 1 through 4 offer greater data detail than the 1980 STF's 1 through 4.

Public Use Microdata Sample (PUMS) Files—These computer tape files (see figure 4) contain data from samples of long-form housing-unit records ("micro-data") for large geographic areas. Each sample housing-unit record includes essentially all the 1990 census data collected about each person in a sample household and the characteristics of the housing unit. Information that could be used to identify an individual or a housing unit is not included in the file.

Microdata files enable users to prepare customized tabulations and cross-tabulations of most items on the census questionnaire. There are two PUMS files:

- A file presenting a 5-percent sample of housing units in which each household record includes codes to let the user know in what area, such as a single municipio, a group of municipios, or a place, the household is located. Each area identified must have a population of at least 100,000.
- A file presenting a 1-percent sample of housing units. Its household records include codes associating them with metropolitan areas (MA's). (For the 1980 census, there were two files with 1-percent samples. The 1-percent sample showing data for selected urbanized areas and other large areas will not be produced for the 1990 census.)

Microfiche

Block statistics are available on microfiche, as they were for the 1980 census. The microfiche present, in table format, a subset of the tabulations for census blocks found in STF 1B (see figure 3). In the 1990 census, for the first time, the entire land area of Puerto Rico was block-numbered. This increased the number of blocks for which the Census Bureau provides data in Puerto Rico from 15,609 in 1980 to 50,261 in 1990.

STF's 1A and 3A are available on microfiche as well. As noted in figure 3, they provide data for a variety of geographic areas. Also, all printed reports are offered on microfiche from Customer Services soon after they are published.

file, an extract of STF 1B that presents selected statistics for blocks, and STF's 1A and 3A also are available on CD-ROM. (One 4 3/4-inch CD-ROM, a type of optical or laser disc, can hold the contents of approximately 1,600 flexible diskettes, or three or four high-density computer tapes.)

Online Information Systems

The Census Bureau began CENDATA™, its online information service, in 1984. CENDATA™ is accessible through two information vendors, CompuServe and DIALOG. A number of Census Bureau reports, in whole or in part, are offered online. For the 1990 census, CENDATA™ provides up-to-date information about the availability of data products and carries selections of municipio, MA, and place data from the Redistricting Data tape file and STF's 1 and 3.

Custom Data Products

These products are for users who require unique tabulations that are not included in standard products; for example, information for locally defined geographic areas. Users also can order special microdata files.

The cost of preparing custom products must be paid by the users who request them. Any data that the Census Bureau provides in these products are subject to the same standards applied to other data to ensure that confidential individual information is not revealed.

User-Defined Areas Program (UDAP) Tabulations—

UDAP can provide a set of predefined data tables for locally defined areas that do not correspond to standard 1990 census geographic areas. Users identify the geographic areas of interest to them by delineating boundaries around groupings of census blocks on 1990 census block maps or by electronically submitting the geographic components of their area of interest. (A contact for more information is given in the "Sources of Assistance" section.)

Special Tabulations—The Census Bureau can prepare special data tabulations for any specific geographic or subject-matter area. Users should rely on standard reports, tapes, CD-ROM, microfiche, or user-defined area tabulations whenever possible, since special tabulations tend to be substantially more expensive and take time to arrange and produce. (Contacts for more information are given in the "Sources of Assistance" section.)

GEOGRAPHIC PRODUCTS

Maps

Census Bureau maps are necessary for virtually all uses of small-area 1990 census data. They are needed to locate the specific geographic areas for which the

census provides data and to study the spatial relationship of the data for analytic purposes. The Census Bureau prepares a variety of 1990 census maps. Among the most useful are these four series:

County Block Maps—These maps show census blocks and their numbers; boundaries for statistical and governmental entities, such as census tracts and places; and physical features. The maps are prepared on electrostatic plotters by municipio (Puerto Rico's equivalent of a county for reporting statistics) with one or more map sheets each, depending on the size and shape of the area and the density of the block pattern. The maps may be purchased from Customer Services.

County Subdivision Outline Map—This map of Puerto Rico presents the names and boundaries of the municipios, municipio subdivisions (barrios-pueblos, barrios, and subbarrios), and places. Electrostatic-plotter copies are available for purchase from Customer Services. Also, the map is printed on multiple page-size sheets in the following Puerto Rico reports: 1990 CPH-1-53, 1990 CPH-2-53, 1990 CPH-5-53, 1990 CP-1-53, 1990 CP-2-53, 1990 CH-1-53, and 1990 CH-2-53.

Census Tract/Block Numbering Area (BNA) Outline Maps—Maps in this municipio-based series depict census tract or BNA boundaries and numbers, and the features underlying the boundaries. They also show the names and boundaries of the municipio subdivisions and places. The Superintendent of Documents sells printed copies.

Voting District Outline Maps—Maps in this municipio-based series depict voting district boundaries and the features underlying the boundaries. They also show the boundaries and names of municipio subdivisions and places. They are prepared on electrostatic plotters and sold by Customer Services.

Geographic Publications

The *Geographic Identification Code Scheme* report in the 1990 CPH-R series shows the 1990 census geographic area codes and Federal Information Processing Standards (FIPS) codes, as appropriate, for Puerto Rico and its metropolitan areas, urbanized areas, municipios, municipio subdivisions, and places, as well as for States and other entities, along with some descriptive information about the codes. The code scheme also is offered on computer tape.

Machine-Readable Geographic Files

All 1990 census summary tape files include 1990 census geographic area codes, FIPS codes, certain area names, land and total water area in square kilometers, geographic coordinates for an internal point for each entity, and other geographic information.

The Census Bureau developed an automated geographic data base, known as the TIGER (Topologically Integrated Geographic Encoding and Referencing) System, to produce the geographic products for the 1990 census. TIGER provides coordinate-based digital map information for Puerto Rico, the entire United States, the Virgin Islands, and the Pacific territories under U.S. jurisdiction.

The TIGER System has significantly improved the utility of 1990 census maps and geographic reference products. Extract files generated from the TIGER System permit users, with appropriate software, to perform such tasks as linking the statistical data in the Redistricting Data file or the STF's and displaying selected characteristics on maps or a video display screen at different scales and with whatever boundaries they select for any geographic area included in TIGER. For example, a map for a particular municipio could show the distribution of the voting age population by block.

The first extract of selected geographic and cartographic information intended for computer applications, such as plotting maps and building geographic information systems, is called the TIGER/Line™ files. TIGER/Line™ files contain attributes for the segments of each boundary and feature (for example, roads and rivers), including 1990 census geographic codes for adjacent areas, latitude/longitude coordinates of segment end points and the curvature of segments, the name and type of the feature, and the relevant census feature class code identifying the feature segment by category. TIGER/Line™ files also provide the names of landmarks, such as lakes and golf courses, and include other information.

TIGER/Line™ files and other TIGER System extracts, such as TIGER/Boundary™ and TIGER/DataBase™, are released on computer tape and, in some cases, CD-ROM. For information on TIGER extract files, contact Customer Services.

REFERENCE MATERIALS

The Census Bureau issues several reference publications for data users. Some are sold by the Superintendent of Documents; others are distributed free by Customer Services. Addresses and phone numbers for the Superintendent of Documents and Customer Services are given in the following section.

- *1990 Census of Population and Housing Tabulation and Publication Program for Puerto Rico*. A free report describing 1990 census products for Puerto Rico, comparing 1990 products with those of the 1980 census, and more. Request from Customer Services.
- *1990 Census of Population and Housing Tabulation and Publication Program*. A free report describing 1990 census products for the States, comparing 1990 products with those of the 1980 census, and more. Request from Customer Services.

- **Census ABC's—Applications in Business and Community.** A free booklet that highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Request from Customer Services.
- **Strength in Numbers.** A free, tabloid-size booklet designed to assist people in using 1990 census data in redistricting. Among other features, it includes illustrations of maps and redistricting counts. It does not deal directly with Puerto Rico geography and census products, but it should still be of help in redistricting. Request from Customer Services.
- **TIGER: The Coast-to-Coast Digital Map Data Base.** A free booklet describing the structure and uses of the Census Bureau's TIGER System. Request from Customer Services.
- **Census and You.** The Census Bureau's monthly newsletter for data users. It reports on the latest 1990 census developments, selected new publications and computer tape files, other censuses and surveys, developments in services to users, and upcoming conferences and training courses. Subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office.
- **Monthly Product Announcement.** A free monthly listing of all new Census Bureau publications; microfiche; maps; data files on tape, diskettes, or CD-ROM; and technical documentation. To subscribe, contact Customer Services.
- **Census Catalog and Guide.** A comprehensive annual description of data products, statistical programs, and services of the Census Bureau. It provides abstracts of the publications, data files, microfiche, maps, and items online. In addition, the Catalog/Guide offers such features as information about censuses and surveys and telephone contact lists of data specialists at the Census Bureau, the State Data Centers, and other data processing service centers. It is sold by the Superintendent of Documents, U.S. Government Printing Office.

Users also can get listings of new Census Bureau products, updated daily, by subscribing to the *Daily List*. This information and selected statistics are available online through CENDATA™, the Census Bureau's online information service. For more information, contact Customer Services.

SOURCES OF ASSISTANCE

U.S. Bureau of the Census

The Census Bureau's Customer Services sells most of the machine-readable data products, microfiche, and maps described earlier. (The 1990 census printed reports

are sold by the Superintendent of Documents.) Also, users may consult with specialists at the Census Bureau's Washington headquarters and the New York regional office, which serves Puerto Rico. From time to time, the specialists also conduct workshops, seminars, and training courses.

Washington, DC Contacts—To order products, for a telephone contacts list of Census Bureau specialists, and for general information: Customer Services, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4100 (FAX number, 301-763-4794).

For User-Defined Areas Program (UDAP) information: UDAP Staff, Decennial Planning Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4282.

For special tabulation information: Population—Rosemarie Cowan, Population Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-5476; Housing—William Downs, Housing and Household Economic Statistics Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-8553.

Regional Office Contact—

New York, NY 212-264-4730

Superintendent of Documents, U.S. Government Printing Office

The Superintendent of Documents handles the sale of most of the Federal Government's publications, including 1990 census reports. To order reports and for information: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, telephone 202-783-3238.

Other Sources of Products and Services

State Data Centers—The Census Bureau furnishes data products, training in data access and use, technical assistance, and consultation to Puerto Rico, all States, the District of Columbia, Guam, and the Virgin Islands. Data centers, in turn, offer publications for reference, printouts from computer tape, specially prepared reports, maps, and other products and assistance to data users. The lead agency of the Puerto Rico data center program is the Junta de Planificación, Centro Gubernamental Minillas, P.O. Box 41119, San Juan, PR 00940-9985, telephone 809-728-4430. For a list of all State Data Centers, see the *Census Catalog and Guide* or contact Customer Services.

Census Information Center (CIC)—The CIC program provides data-related services for nationally based non-profit organizations that represent minorities or other segments of the population who have been historically

undercounted in decennial censuses. The participants include social service, business, professional, civil rights, educational, and religious groups. Through the project, five nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the Census Bureau. To learn more about the program, write to the Census Information Center Branch, Data User Services Division, Bureau of the Census, Washington, DC 20233, or call 301-763-1384.

National Clearinghouse—The National Clearinghouse for Census Data Services is a listing of private companies and other organizations that offer assistance in obtaining and using data released by the Census Bureau. For a list of participants in the National Clearinghouse, see the *Census Catalog and Guide* or contact Customer Services.

Depository Libraries—There are 1,400 libraries in the United States, Puerto Rico, and other areas that receive (from the Government Printing Office) Federal publications that they think their patrons will need. Often some of these publications are Census Bureau reports. The Census Bureau provides free reports to an additional 120 census depository libraries. Also, many libraries purchase census reports and maps for their areas. The *Census Catalog and Guide* includes a list of all depository libraries.

OTHER CENSUS BUREAU RESOURCES

The Census Bureau has more to offer than just the results of the census of population and housing for Puerto Rico, the United States, the Virgin Islands, and the Pacific territories under U.S. jurisdiction. Through other censuses, surveys, and estimates programs, it compiles and issues (in reports, computer tape, and other media) data for the United States and sometimes Puerto Rico, the Virgin Islands, and the Pacific territories on subjects as diverse as appliance sales, neighborhood conditions, and exports to other countries. Here are examples of the information published about—

- *People*: Age, race, sex, income, poverty, child care, child support, fertility, noncash benefits, education, commuting habits, pension coverage, unemployment, ancestry.
- *Business and industry*: Number of employees, total payroll, sales and receipts, products manufactured or sold.
- *Housing and construction*: Value of new construction, numbers of owners and renters, property value or rent paid, housing starts, fuels used, mortgage costs.
- *Farms*: Number, acreage, livestock, crop sales.

- *Governments*: Revenues and expenditures, taxes, employment, pension funds.
- *Foreign trade*: Exports and imports, origin and destination, units shipped.
- *Other nations*: Population, birth rates, death rates, literacy, fertility.

The other censuses, such as agriculture, retail trade, manufactures, and governments, are collected for years ending in "2" and "7." Surveys and estimates programs generate results as often as every month.

Many of the monthly "economic indicators" that measure how the Nation is doing come directly or indirectly from the Census Bureau. Examples: employment and unemployment; housing starts; wholesale and retail trade; manufacturers' shipments, inventories, and orders; export and import trade; and sales of single-family homes.

Statistical activities of the Census Bureau relevant to Puerto Rico are described below. Data users will find more information about them and descriptions of their data products in the annual *Census Catalog and Guide*. Also, special guides and brochures are prepared for most of them. Contact the Census Bureau's Customer Services for more information.

Economic Censuses and Surveys

The economic censuses provide statistics about business establishments once every 5 years, covering years ending in "2" and "7." The 1987 Economic Censuses include the censuses of retail trade, wholesale trade, service industries, transportation, manufactures, mineral industries, and construction industries.

Several key statistics are tabulated for all industries covered in the censuses. They are number of establishments, number of employees, payroll, and measure of output (sales or receipts, and value of shipments or of work done). Other items vary from sector to sector.

The County Business Patterns program offers annual statistics on payroll and number of establishments by employment-size class for municipios.

Agriculture Census

The agriculture census is conducted concurrently with the economic censuses. It is the only source of uniform agriculture data at the municipio level. It provides data on such subjects as the number and size of farms; land use and ownership; livestock, poultry, and crops; and value of products sold.

Foreign Trade Statistics

Monthly U.S. merchandise trade data compiled by the Census Bureau summarize export and import transactions and are based on the official documents filed by

shippers and receivers. These figures reflect the flow of merchandise but not intangibles like services and financial commitments. The trade figures trace commodity movements out of and into the U.S. Customs jurisdiction, which includes Puerto Rico and the Virgin Islands as well as the 50 States and the District of Columbia. Data are published separately on trade between the United States and Puerto Rico, the Virgin Islands, and other U.S. territories.

Other Statistical Activities

The Census Bureau also offers international data. It maintains an international data base, which is available to the public on computer tape and is used to produce

the biennial *World Population Profile* report. It prepares studies dealing with the demographic and economic characteristics of other countries and world regions.

Statistical compendia are another important data product. These publications (sometimes also offered in machine-readable form) draw data from many sources and reorganize them for convenient use. The most widely used compendia are the annual *Statistical Abstract of the United States*, the *County and City Data Book* (published every 5 years), and the *State and Metropolitan Area Data Book* (published approximately every 4 years).

Figure 1. **Content of the 1990 Census of Puerto Rico**

100-PERCENT COMPONENT

Population

Household relationship
Sex
Age
Marital status

Housing

Number of units in structure
Number of rooms in unit
Plumbing facilities
Condominium status
Tenure—owned or rented
Value of owned unit or rent paid
Vacancy characteristics

SAMPLE COMPONENT

Population

Social characteristics:

Place of birth, citizenship, and year of entry
Education—enrollment and attainment
Birthplace of parents
Migration (residence in 1985)
U.S. residency and activity during last 10 years
Ability to read and write
Ability to speak Spanish and English
Veteran status
Disability
Fertility
Vocational training

Economic characteristics:

Employment and unemployment
Place of work and commuting to work
Occupation, industry, and class of worker
Work experience and income in 1989

Housing

Farm residence
Year householder moved into residence
Year structure built
Type of construction
Source of water and method of sewage disposal
Number of bedrooms and number of bathrooms
Type of water heater
Cooking fuel
Complete kitchen facilities
Air conditioning
Telephone in unit
Vehicles available
Shelter costs, including utilities
Condition of housing unit

NOTE: Questions dealing with the subjects covered in the 100-percent component were asked of all persons and housing units. Those covered by the sample component were asked of a sample of the population and housing units.

Figure 2. 1990 Census Printed Reports for Puerto Rico

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)				
100-Percent Data				
1990 CPH-1-53	Summary Population and Housing Characteristics	Puerto Rico	Population and housing unit counts, and summary statistics on age, sex, household relationship, units in structure, number of rooms, plumbing facilities, tenure, value of home or monthly rent, and vacancy characteristics	Puerto Rico, its municipios, barrios-pueblos and barrios, subbarrios, and places
1990 CPH-2-53	Population and Housing Unit Counts	Puerto Rico	Total population and housing unit counts for 1990 and previous censuses	Puerto Rico, its municipios, barrios-pueblos and barrios, subbarrios, places, metropolitan areas (MSA's/ PMSA's and CMSA), urbanized areas (UA's), and summary geographic areas (for example, urban and rural, and metropolitan and nonmetropolitan residence)
100-Percent and Sample Data				
1990 CPH-3	Population and Housing Characteristics for Census Tracts and Block Numbering Areas	For Puerto Rico, one report will be published for each MSA/ PMSA, and one for the non-metropolitan balance	Statistics on 100-percent and sample population and housing subjects	Statistics presented in a geographic hierarchy of MSA/ PMSA-municipio-place of 10,000 or more inhabitants-census tract/block numbering area (BNA)
Sample Data				
1990 CPH-5-53	Summary Social, Economic, and Housing Characteristics	Puerto Rico	Statistics generally on sample population and housing subjects	Puerto Rico, its municipios, barrios-pueblos and barrios, subbarrios, and places
1990 CENSUS OF POPULATION (1990 CP)				
100-Percent Data				
1990 CP-1-53	General Population Characteristics	Puerto Rico	Detailed statistics on age, sex, marital status, and household relationship characteristics	Puerto Rico; its municipios; metropolitan areas (MSA's/ PMSA's and CMSA); UA's; barrios-pueblos and barrios, subbarrios, and places of 1,000 or more inhabitants; and summary geographic areas
Sample Data				
1990 CP-2-53	Social and Economic Characteristics	Puerto Rico	Statistics generally on sample population subjects	Puerto Rico (including summaries such as urban and rural); municipios; metropolitan areas (MSA's/ PMSA's and CMSA); UA's; and barrios-pueblos and barrios, subbarrios, and places of 2,500 or more inhabitants

Figure 2. 1990 Census Printed Reports for Puerto Rico—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF HOUSING (1990 CH)				
100-Percent Data				
1990 CH-1-53	General Housing Characteristics	Puerto Rico	Detailed statistics on units in structure, plumbing facilities, value and rent, number of rooms, tenure, and vacancy characteristics	Puerto Rico, its municipios; metropolitan areas (MSA's/PMSA's and CMSA); UA's; barrios-pueblos and barrios, subbarrios, and places of 1,000 or more inhabitants; and summary geographic areas
Sample Data				
1990 CH-2-53	Detailed Housing Characteristics	Puerto Rico	Statistics generally on sample housing subjects	Puerto Rico; municipios; metropolitan areas (MSA's/PMSA's and CMSA); UA's; barrios-pueblos and barrios, subbarrios, and places of 2,500 or more inhabitants; and summary geographic areas

Figure 3. 1990 Census Summary Tape Files for Puerto Rico

**Summary Tape File
(STF 1A, 1B)
and data type
(100 percent or
sample)¹**

		Geographic areas	Description
STF 1 (100 percent)	A ^{2 3}	Puerto Rico and its component areas in hierarchical sequence down to the block group level. Summaries also tabulated for whole barrios-pueblos and barrios, whole subbarrios, whole places, whole census tracts/ block numbering areas (BNA's), and whole block groups	Over 500 cells/ items of 100-percent population and housing counts and characteristics for each geographic area
	B ^{2 3}	Puerto Rico and its component areas in hierarchical sequence down to the block level. Data also provided for metropolitan areas (MSA's/ PMSA's and CMSA), UA's, and summary geographic areas (for example, urban and rural)	
STF 2 (100 percent)	A	Data for census tracts/ BNA's in metropolitan areas and in the remainder of Puerto Rico in a geographic hierarchy of municipios—places of 10,000 or more inhabitants—census tract/ BNA. It also presents census tract/ BNA summaries for split tracts/ BNA's	Over 2,700 cells/ items of 100-percent population and housing counts and characteristics for each geographic area
	B	Puerto Rico; municipios; metropolitan areas (MSA's/ PMSA's and CMSA); UA's; barrios-pueblos and barrios, subbarrios, and places of 1,000 or more inhabitants; and summary geographic areas (for example, urban and rural)	
STF 3 (Sample)	A ^{2 3}	Puerto Rico and its subareas in hierarchical sequence down to the block group level. Separate summaries provided for metropolitan areas (MSA's/ PMSA's and a CMSA), UA's, whole barrios-pueblos and barrios, whole subbarrios, whole places, whole census tracts/ BNA's, and whole block groups	Over 1,800 cells/ items of sample population and housing characteristics for each geographic area
STF 4 (Sample)	A	Data for census tracts/ BNA's in metropolitan areas and in the remainder of Puerto Rico in a geographic hierarchy of municipios—places of 10,000 or more inhabitants—census tract/ BNA. It also presents census tract/ BNA summaries for split tracts/ BNA's	Over 3,600 cells/ items of sample population and housing characteristics for each geographic area
	B	Puerto Rico; municipios; metropolitan areas (MSA's/ PMSA's and CMSA); UA's; barrios-pueblos and barrios, subbarrios, and places of 2,500 or more inhabitants; and summary geographic areas	

¹Similar STF's will be prepared for States, the District of Columbia, and the U.S. Virgin Islands.

²Also available on microfiche. STF 1B microfiche provides only part of the data for blocks and other areas in the tape file.

³Also available on laser disc (CD-ROM). STF 1B CD-ROM presents the same file extract as STF 1B microfiche.

Figure 4. Other 1990 Census Data Products for Puerto Rico

Title	Description	Geographic areas
Special Supplementary Report—Detailed Population and Housing Characteristics	A series of cross-tabulations of detailed population and housing data	Puerto Rico
Puerto Rico Redistricting Data Project	Counts for the total population and population 18 years old and over, and counts of housing units (total, occupied, and vacant). Available on tape, CD-ROM, and paper listings	Puerto Rico, municipios, barrios-pueblos and barrios, subbarrios, places, census tracts/ block numbering areas, block groups, blocks, and voting districts
Public Use Microdata Sample (PUMS) Files	Machine-readable files containing a sample of individual long-form census records showing most population and housing characteristics but with identifying information removed	
5 Percent—PUMS Municipio Groups		Municipio groups or smaller areas with 100,000 or more inhabitants
1 Percent—Metropolitan Areas (1990)		MA's that will be used in the 1990 census
User-Defined Areas Tabulations	A set of standard tabulations provided on printouts, tapes, or other products with maps and narrative (if requested)	User-defined areas created by aggregating census blocks
Special Tabulations	User-defined tabulations for specified geographic areas provided on printouts, tapes, or other products	User-defined areas or standard areas

APPENDIX G. Maps

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Census Tract/Block Numbering Area Outline	
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INTRODUCTION

There are three map series that relate to the geographic entities for which the Census Bureau provides statistics in the STF 3 (Puerto Rico) data tapes. Copies of these maps will be reproduced on electrostatic plotters in response to orders received by Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233 (301-763-4100).

MAP DESCRIPTIONS

County Block Maps—These maps depict each municipio on one or more map sheets at various scales, depending on the municipio's areal size and the density of the block pattern. (Most municipios include multiple map sheets, including inset maps for densely settled areas.) The maps display block numbers and feature identifiers as well as the boundaries, names, and codes for the legal and statistical entities in the municipio. Each municipio includes an index map sheet that shows the locations of the map sheets comprising the municipio set.

Census Tract/Block Numbering Area Outline Maps—These municipio-based maps depict the boundaries and codes of census tracts or block numbering areas, the features and feature names underlying the boundaries, and the boundaries and names of municipios, municipio subdivisions, places. Map scales vary to minimize the number of sheets. The maps may include one or more insets for densely settled areas. (The Census Bureau also intends to produce printed versions of these maps, for sale by the Government Printing Office (GPO), starting in 1993.)

County Subdivision Outline Maps—This map of Puerto Rico depicts the boundaries and names of all municipios and statistically equivalent areas, municipio subdivisions, and places. (The Census Bureau also will publish sectionalized versions of this map in most 1990 census reports.)

TERMINOLOGY

Refer to appendix A for an explanation of the types of areas. Two terms used in the legend require explanation.

Asterisk (*)—A symbol following a block number to indicate that the block number is repeated elsewhere in the block or is shown partially on an adjacent map sheet or on an inset map.

Fishhook (↔)—A map symbol drawn across a physical feature (creek, brook, railroad tracks, etc.) or boundary on census maps to show that the areas on both sides of the feature or boundary belong to the same census block.

Legend

LEGEND

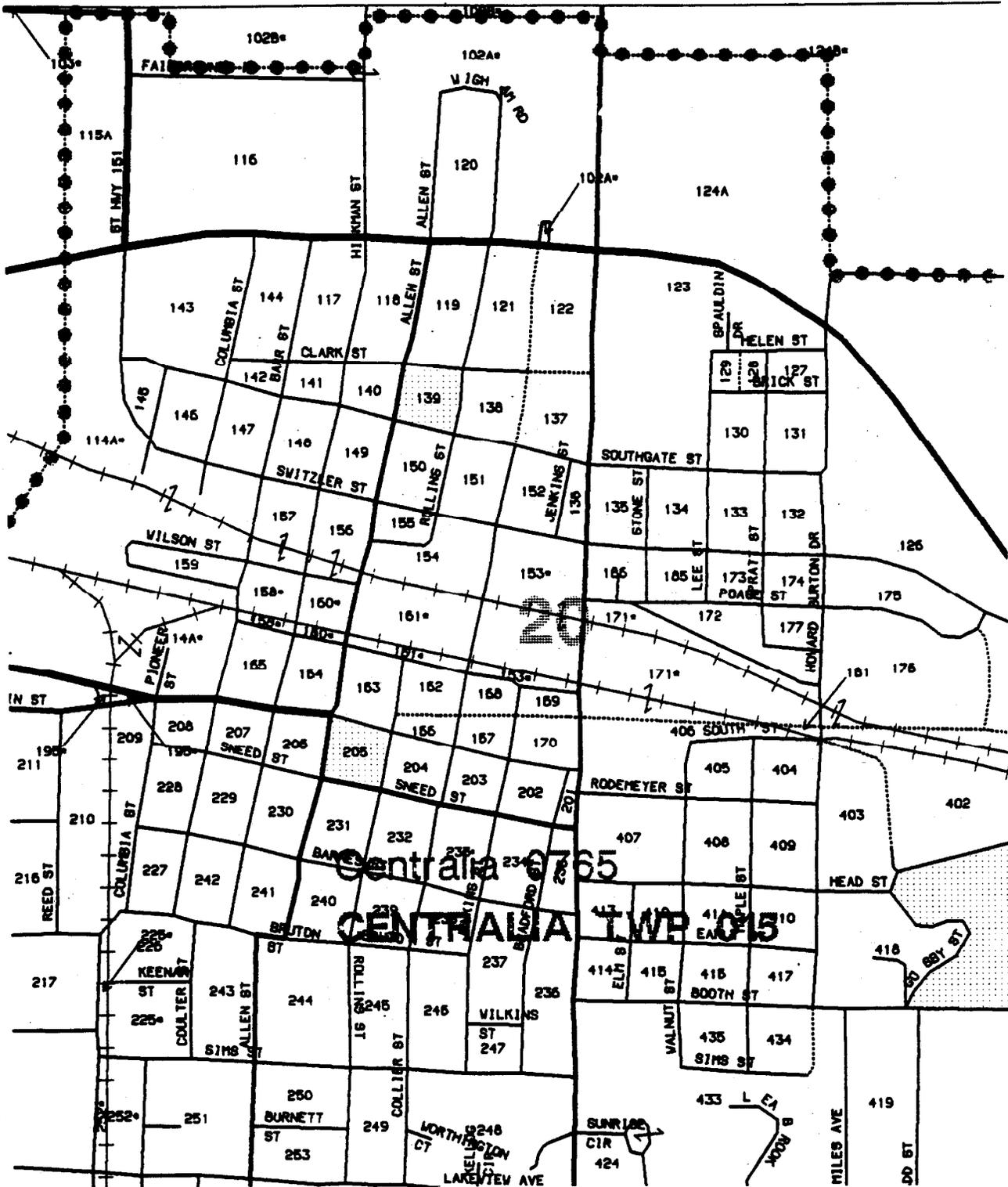
<u>SYMBOL DESCRIPTION</u>	<u>SYMBOL</u>	<u>NAME STYLE</u>	<u>FIPS CODE</u>	<u>CENSUS CODE</u>
International	*****	CANADA		
American Indian Reservation	XXXXXXXX	CAMPO RSVN	10522	(045C)
Trust Land	XXXXXXXX		10522	(045CT)
Alaska Native Regional Corporation	♦♦♦♦♦♦♦♦	ALEUT ANRC		(14)
Alaska Native Village Statistical Area, Tribal Jurisdiction Statistical Area, or Tribal Designated Statistical Area	♦♦♦♦♦♦♦♦	KAW TJSA	38970	(534C)
State ¹	//////	NEW YORK	(36)	
County ¹	□□□□□□□□	ERIE COUNTY	(029)	
Minor Civil Division ²	●●●●●●●●	YORK TWP	83908	(070)
Census County Division	●●●●●●●●	KULA DIV	81898	(036)
Incorporated Place	○●○●○●○●○●○●	Rome City	63418	(3120)
Census Designated Place	○●○●○●○●○●○●	Zena	84187	(4100)
Corporate Corridor	○●○●○●○●○●○●	1550		
Census Tract or Block Numbering Area	XXXXXXXXXX	57010		
Block Number (With Asterisk) ³	38*			
Fishhook ⁴	↙			
Cree-of-Vessel	↙ ↓	1 2130.99 ↓ 9012		

Note: An international boundary also depicts a state boundary and a county boundary; a state boundary also depicts a county boundary. The symbols for all other coincident boundaries are shown alternately, as shown in the example:
 1 2 3 4 5 6 7 8 9 10

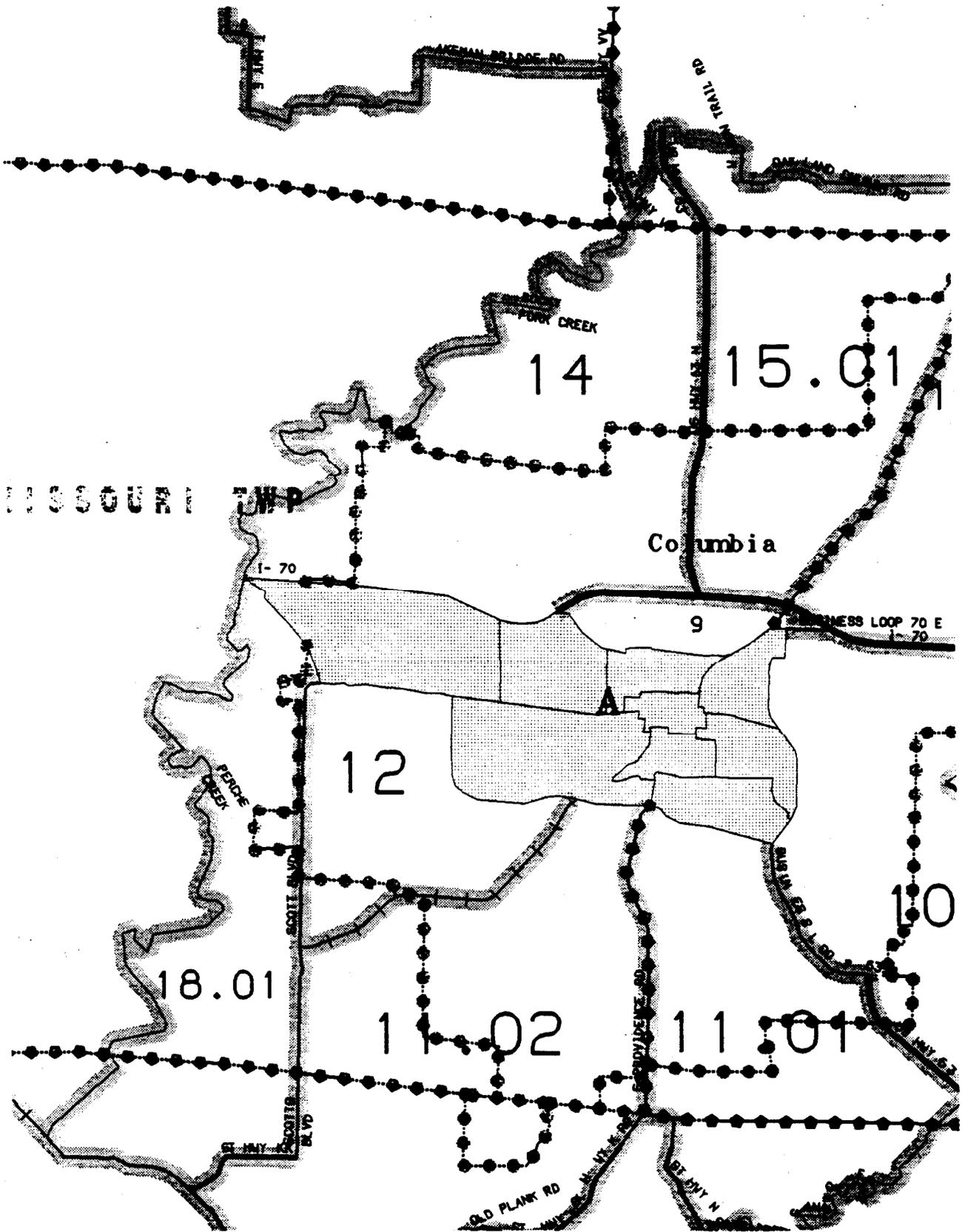
<u>FEATURE</u>	<u>SYMBOL</u>	<u>NAME STYLE</u>
Interstate Highway and Limited Access Road ⁵	=====	Interstate 835
Other Highway ⁵	=====	Highway
City Street, Other Connecting Road, or Dirt Road ⁵	=====	Market
Jeep Trail, Walkway, or Stairway	-----	Lebanon
Railroad	=====	
Ferry Crossing	----- FERRY	
Pipeline or Power Transmission Line	-----	
Ridge, Fenae, Canyon, or Other Physical Feature	-----	RIDGE
Nonvisible Boundary or Other Feature Not Elsewhere Classified	-----	PROPERTY LINE
Perennial Stream, or Shoreline of Perennial Water Body	~~~~~	Tumbling Creek
Intermittent Stream, or Shoreline of Intermittent Water Body	~~~~~	Piney Creek
Large River, Lake, or Other Water Body	~~~~~	Pleasant Lake
Military Installation	N/A	Fort Belvoir
Park (National, State, or Local)	=====	Yosemite
Mountain Peak	▲	Pikes Peak
Inset Area	A	

¹ State or County; or their equivalent area for statistical purposes.
² A five-spoked asterisk following a minor civil division indicates that the minor civil division is coextensive with an incorporated place and has the same name.
³ An asterisk following a block number indicates that the block number is repeated elsewhere in the block or is shown partially on an adjacent map sheet.
⁴ A fishhook across a map feature or boundary indicates that the areas on both sides of the feature or boundary belong to the same census block.
⁵ An X symbol indicates that there was insufficient space to plot a road name. Road names in parentheses indicate that the road has more than one name.

County Block Map Sample



Census Tract/Block Numbering Area Outline Map Sample



APPENDIX H. Record Layout of Machine-Readable Data Dictionary

CONTENTS

Geographic Description.....	H-1
Table (Matrix) Description.....	H-2

This appendix provides the record layout for the machine-readable data dictionary file that accompanies each data tape. This data dictionary was developed as a "generic" dictionary that, with some programming, could be converted for use with specific software packages.

GEOGRAPHIC DESCRIPTION

Geographic Record 1—Field Mnemonic, Size, and Type

Position	Description
1-2	Identifier "G1" (Geographic Record 1)
3	Blank
4-11	Field mnemonic (left justified)
12	Blank
13-14	Field size (right justified)
15	Blank
16-18	Data type (left justified) Note: Legal entries are A, N, and A/N
19	Blank
20-24	Begin position (right justified) (Begin position in relation to the entire record)
25	Blank
26-30	Relative begin position (right justified) (Begin position in relation to the record segment)

Example 1

```
G1 FILEID 8 A/N 1 1 0
G2 1 File Identification
```

Example 2

```
G1 PSADC 2 A/N 289 289 0
G2 289 Political/Statistical Area Description Code
G3 289 01 State or State equivalent - no status is appended to the name
G3 289 01 of the entity in census publications and related data products
G3 289 04 Borough - county equivalent in Alaska; "Borough" is appended t
G3 289 04 o the name of the entity in census publications and related da
G3 289 04 ta products
G3 289 05 Census area - county equivalent in Alaska; "Census Area" is ap
G3 289 05 pended to the name of the entity in census publications and re
G3 289 05 lated data products
```

¹Examples are for illustrative purposes and are not specific to this STF.

Geographic Record 1—Con.

31	Blank
32	Number of implied decimals
33-80	Blank

Geographic Record 2—Field Description

Position	Description
1-2	Identifier "G2" (Geographic Record 2)
3	Blank
4-8	Begin position (right justified) (repeat from 20-24 above)
9	Blank
10-80	Field Description (left justified)

Geographic Record 3—Code Identification

Position	Description
1-2	Identifier "G3" (Geographic Record 3)
3	Blank
4-8	Begin position (right justified) (repeat from 20-24 in G1)
9	Blank
10-17	Codes (right justified)
18	Blank
19-80	Code identification (left justified)

Geographic Description Examples¹

Examples of the geographic records are shown below. In example 1, there are no G3 records. G3 records will appear only for fields which have code listings in the technical documentation.

TABLE (MATRIX) DESCRIPTION

Table Record 1—Table Number and Characteristics

Position	Description
1-2	Identifier "T1" (Table Record 1)
3	Blank
4-9	Table (matrix) number (left justified)
10	Blank
11-17	Begin position (right justified) ² (Begin position in relation to the entire record)
18	Blank
19-25	Relative begin position (right justified) ² (Begin position in relation to the record segment)
26	Blank
27-28	Cell size for this table (matrix) (right justified)
29	Blank
30	Number of implied decimals for cells in this table (matrix)
31	Blank
32-38	Number of cells in this table (matrix) (right justified) ²
39	Blank
40-42	Number of variables (right justified)
43-80	Blank

Table Record 2—Table Title

Position	Description
1-2	Identifier "T2" (Table Record 2)
3	Blank
4-9	Table (matrix) number (left justified)
10	Blank
11-80	Table (matrix) title (left justified)

Table Record 3—Universe Description

Position	Description
1-2	Identifier "T3" (Table Record 3)
3	Blank

Example 3

Sex (2) by Marital Status(5) [10]

T1 P14	4423	4423	9	0	10	2
T2 P14	SEX BY MARITAL STATUS					
T3 P14	Persons 15 years and over					
T4 P14	SEX					
T4 P14	Male					
T4 P14	Female					
T5 P14	MARITAL STATUS					
T5 P14	Never married					
T5 P14	Now married, except separated					
T5 P14	Separated					
T5 P14	Widowed					
T5 P14	Divorced					

¹Examples are for illustrative purposes and are not specific to this STF.

²These positions have been increased to accommodate all record sizes. Previous products had less characters; future products (STF 3 PR, STF 3 VI, STF 4, etc.) will have the above structure.

Table Record 3—Con.

4-9	Table (matrix) number (left justified)
10	Blank
11-80	Universe Description (left justified)

Table Record 4-N—Table Variable Descriptions

Position	Description
1-2	Identifier "Tn" n= sequence number of variable in the table being described.
3	Blank
4-9	Table (matrix) number (left justified)
10	Blank
11-76	Variable name (left justified)
77	Blank
78-80	Number of categories for this variable (right justified)

Note: Subsequent "T" records with the same "n" will have the variable categories described in positions 11-80.

Filler Record

Position	Description
1-2	Identifier "F1" (Filler Record)
3	Blank
4-7	"FILL"
8-10	Blank
11-17	Begin Position (right justified) (Begin position in relation to the entire record) ²
18	Blank
19-25	Relative Begin Position (right justified) (Begin position in relation to the record segment) ²
26	Blank
27-30	Total number of "FILL" blanks
31-80	Blank

Matrix Example¹

See example 3 below.

APPENDIX I. Code Lists

CONTENTS

Group Quarters	I-1
Industry	I-6
Occupation	I-12
Place of Birth	I-25

GROUP QUARTERS

This section contains the alphabetical code list for group quarters. The group quarters code list was used by special place prelist enumerators to classify each type of group quarters. Each group quarters code is a two-digit number followed by either an "I" (institutional) or "N" (noninstitutional) suffix. The group quarters codes listed in the second column are for staff residing in group quarters.

GQ codes	Staff residents GQ codes	
87-N	-	A. College Quarters Off Campus (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)
		B. Correctional Institutions
22-I	22-N	1. <i>Federal Detention Centers:</i> Including Park Police, Bureau of Indian Affairs, Immigration and Naturalization Service (INS) centers, INS detention 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.
21-I	21-N	2. <i>Federal Prisons:</i> Including criminally insane wards operated by a Federal prison within a mental or general hospital. If ward is not operated by a prison, code according to paragraph H4. For detention centers within Federal prisons, see B1 above.
23-I	23-N	3. <i>Halfway Houses:</i> Operated for correctional purposes, including probation and restitution centers, prerelease centers, and community-residential treatment centers.
27-I	27-N	4. <i>Local (County/City) Jails and Other Local Confinement Facilities:</i> Including work farms used to hold persons awaiting trial or serving time on relatively short sentences (usually of a year or less), and jails run by private businesses under contract.
95-I	95-N	5. <i>Military Stockades, Jails</i>
28-I	28-N	6. <i>Police Lockups:</i> Temporary-holding facilities or other facilities that hold persons only if they have not been formally charged in court (usually detained less than 48 hours).
24-I	24-N	7. <i>State Prisons:</i> Prisons run by private businesses (under contract); including criminally insane wards operated by a State prison within a mental or general hospital. If ward is not operated by a prison, code according to paragraph H4.
20-I	20-N	8. <i>Other Types of Correctional Institutions:</i> Including private correctional facilities and correctional facilities specifically for alcohol/drug abuse. (Use only as a last resort if no other type code applies.)
91-N	-	C. Crews of Civilian Vessels
		D. Dormitories
92-N	-	1. <i>Agriculture Workers' Dormitories on Farms:</i> Including migratory farm workers' camps on farms, bunkhouses for ranch hands, and other dormitories on farms including those on "tree farms."

GQ codes Staff residents
 GQ codes

D. Dormitories—Con.

- | | | |
|------|----|--|
| 87-N | -- | 2. <i>College Student Dormitories, and Fraternity and Sorority Houses (on campus):</i> Including residential quarters for those in religious orders. |
| 86-N | -- | 3. <i>Dormitories for Nurses and Interns in General and Military Hospitals</i> |
| 97-N | -- | 4. <i>Military Quarters on Base:</i> Including barracks, bachelor officers quarters, unaccompanied officer personnel housing, unaccompanied enlisted personnel housing, and similar noninstitutional group living quarters for military personnel. |
| 93-N | -- | 5. <i>Other Workers' Dormitories:</i> Including logging camps, construction workers' camps, fire-house dormitories, job-training camps, energy enclave (Alaska only), Alaskan pipeline camps, nonfarm migratory workers' camps, such as workers who lay oil and gas pipelines. |
| | | 6. <i>Runaway, Neglected, and Homeless Children:</i> Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2. |
- E. Elderly:** Skilled nursing facilities, intermediate care facilities, long-term care rooms in wards or buildings on the grounds of hospitals, nursing, convalescent, and rest homes including soldiers', sailors', veterans', and fraternal or religious homes for the aged, with or without nursing care.

NOTE: Do not include dormitories for nurses' and interns'; see paragraph D3.

1. *Public Ownership*

- | | | |
|------|------|--|
| 62-I | 62-N | a. Federal ownership: Including Veterans' Administration, domiciliary homes, and U.S. Naval homes. |
| 63-I | 63-N | b. State ownership |
| 64-I | 64-N | c. County or city ownership |
| 65-I | 65-N | d. Don't know if Federal, State, or county-city ownership (Use only as a last resort if no other type code applies.) |

2. *Private Ownership*

- | | | |
|------|------|--|
| 66-I | 66-N | a. Private not-for-profit |
| 67-I | 67-N | b. Private for profit |
| 60-I | 60-N | c. Don't know if for profit or not (Use only as a last resort if no other type code applies.) |
| 61-I | 61-N | 3. <i>Don't Know if Federal, State, Local, or Private Ownership</i> (Use only as a last resort if no other type code applies.) |

F. Emergency Shelter/Street Night Enumeration ("S-NIGHT")

- | | | |
|------|----|--|
| 82-N | -- | 1. <i>Shelters for the Homeless with Sleeping Facilities:</i> Including emergency housing, missions and flophouses, Salvation Army shelters, hotels and motels charging \$12 or less a night (excluding taxes), hotels and motels used entirely for homeless persons, the group of rooms in hotels and motels used partially for the homeless, and similar places known to have persons with no usual home elsewhere who stay overnight. |
| 83-N | -- | 2. <i>Runaway, Neglected, and Homeless Children:</i> Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles. |
| | | 3. <i>Street Enumeration – Predesignated Sites</i> |
| 84-N | -- | a. Nonstructure locations, other than commerce places: Including street corners, parks, bridges, abandoned and boarded-up buildings, noncommercial campsites ("tent cities"), and similar sites. |
| 85-N | -- | b. Commerce places: Including railroad stations, airports, bus depots, subway stations, all-night movie theaters, all-night restaurants, emergency hospital waiting rooms, and other similar predesignated sites. |
| 75-N | -- | 4. <i>Shelters for Abused Women</i> (Shelters against domestic violence) |

GQ codes Staff residents GQ codes

G. Group Homes: Including those providing community-based care and supportive services such as halfway houses for the groups listed below. (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)

- | | | |
|------|----|--|
| 76-N | -- | 1. <i>Drug/Alcohol Abuse:</i> Including group homes, detoxification centers, quarterway houses such as residential treatment facilities that work closely with an accredited hospital, halfway houses, recovery homes for ambulatory, and mentally competent recovering alcoholics who may be re-entering the work force. (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.) |
| 29-N | -- | 2. <i>Maternity</i> (Homes for unwed mothers) (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.) |
| | | 3. <i>Mentally Ill</i> |
| 16-N | -- | a. Federal |
| 17-N | -- | b. State |
| 18-N | -- | c. Private |
| 19-N | -- | d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | 4. <i>Mentally Retarded</i> |
| 56-N | -- | a. Federal |
| 57-N | -- | b. State |
| 58-N | -- | c. Private |
| 59-N | -- | d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | 5. <i>Physically Handicapped</i> |
| 72-N | -- | a. Public ownership |
| 73-N | -- | b. Private ownership |
| 74-N | -- | c. Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | 6. <i>Runaway, Neglected, and Homeless Children:</i> Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2. |
| 79-N | -- | 7. <i>Other Group Homes:</i> Including communes, foster care homes and job corps centers with 10 or more unrelated children. Do not include emergency housing for persons with no other home. See paragraph F1. (Use only as a last resort if no other type code applies.) |

H. Hospitals/Schools for the Handicapped

- | | | |
|------|------|--|
| 86-N | -- | 1. <i>Dormitories for Nurses and Interns in General and Military Hospitals</i> |
| 70-I | 70-N | 2. <i>Drug/Alcohol Abuse:</i> Including hospitals, and hospital wards in psychiatric and general hospitals. These facilities/wards are in a medical setting equipped and designed for the diagnosis and treatment of medical or psychiatric illnesses associated with alcohol or drug abuse. Patients receive supervised medical/nursing care from a formally trained staff. For group homes, see paragraph G. |
| | | 3. <i>Hospitals for Chronically Ill</i> |
| 54-I | 86-N | a. Military hospitals or wards for chronically ill |
| 55-I | 86-N | b. Other hospitals or wards for chronically ill: Including tuberculosis hospitals or wards. |

GQ
codes

Staff
residents
GQ codes

H. Hospitals/Schools for the Handicapped—Con.

- | | | |
|------|------|---|
| 46-I | 46-N | a. Federal ownership |
| 47-I | 47-N | b. State or local ownership |
| 48-I | 48-N | c. Private ownership |
| 45-I | 45-N | d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.) |
5. *Mentally Retarded*: Schools, hospitals, wards, including wards in hospitals for the mentally ill, and intermediate care facilities for the mentally retarded. This is in a suitably-equipped setting and with supervised and medical/nursing care from a formally trained staff.
- | | | |
|------|------|---|
| 41-I | 41-N | a. Federal ownership |
| 43-I | 43-N | b. State or local ownership |
| 42-I | 42-N | c. Private ownership |
| 40-I | 40-N | d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.) |
6. *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.
- | | | |
|------|------|--|
| 38-I | 38-N | a. Institutions for the deaf |
| | | (1) Public ownership |
| 39-I | 39-N | (2) Private ownership |
| 37-I | 37-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | b. Institutions for the blind |
| 35-I | 35-N | (1) Public ownership |
| 36-I | 36-N | (2) Private ownership |
| 34-I | 34-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | c. Orthopedic wards and institutions for physically handicapped: Including accident victims, and persons with polio, cerebral palsy, and muscular dystrophy. |
| 32-I | 32-N | (1) Public ownership |
| 33-I | 33-N | (2) Private ownership |
| 31-I | 31-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
7. *Wards in General and Military Hospitals for Patients Who Have No Usual Home Elsewhere*: Including maternity, neonatal, pediatric (including wards for boarder babies), military, surgical wards, and other purpose wards of hospitals and wards for infectious diseases.
- Note: Do not include long-term care rooms for the elderly in wards or buildings on the grounds of hospitals, see paragraph E.
- I. **Hotels/Motels**: "S-Night" locations, see paragraph F.
- J. **Juvenile Institutions**: Including homes, schools, and hospitals.
- | | | |
|------|------|---|
| | | 1. <i>Long-Term Care</i> (length of stay usually more than 30 days) |
| | | a. Neglected, abused, and dependent children: Including orphanages, homes, or residential care. |
| 03-I | 03-N | (1) Public ownership |
| 04-I | 04-N | (2) Private ownership |

GQ codes Staff residents GQ codes

J. Juvenile Institutions: Including homes, schools, and hospitals—Con.

- | | | |
|------|------|---|
| 02-I | 02-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| 05-I | 05-N | b. Emotionally disturbed children: Including residential treatment centers (psychiatric care provided). |
| | | c. Delinquent children: Placed by court, parents, or social service agency, in residential training school or home, including industrial schools, camps, or farms. |
| 12-I | 12-N | (1) Public ownership: Committed by courts. |
| 15-I | 15-N | (2) Private ownership: Some are committed by courts, others are referred by parents or social service agencies because of delinquent behavior. |
| 11-I | 11-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | 2. Short-term (length of stay usually 30 days or less) |
| 10-I | 10-N | a. Delinquent children: Including those receiving temporary care in detention or diagnostic centers pending court disposition of case. |
| | | b. Runaway, neglected, and homeless children: Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2. |
| 01-I | 01-N | 3. Don't Know Type of Juvenile Institution: Including homes, schools, hospitals, or wards for children. (Use only as a last resort if no other type code applies.) |

K. Military Quarters

1. On Base

- | | | |
|------|------|---|
| 97-N | -- | a. Barracks, bachelor officers quarters, unaccompanied officer personnel housing, unaccompanied enlisted personnel housing, and similar noninstitutional group living quarters for military personnel |
| 96-N | -- | b. Transient quarters (noninstitutional) for temporary residents (military or civilian) |
| 86-N | -- | c. Dormitories for nurses and interns in general military hospitals |
| 54-I | 86-N | d. Hospitals or wards for chronically ill |
| 95-I | 95-N | e. Stockades and jails |

2. Military Ships

- | | | |
|------|----|--|
| 90-N | -- | L. Natural Disaster: Including those temporarily displaced by a natural disaster, such as "Hurricane Hugo." |
| 89-N | -- | M. Religious Group Quarters: Including convents, monasteries, and rectories. Members of religious orders who live in a dormitory at a hospital or college were classified according to the type of place where they live, such as 86-N if at a general hospital, or 87-N if at a college. (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.) |
| 80-N | -- | N. Rooming and Boarding Houses
(Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.) |
| | | O. Schools for the Handicapped: See paragraphs H5 and H6. |
| | | P. Shelter/Street Night Enumeration ("S-Night"): See paragraph F. |
| 94-N | -- | Q. Other Nonhousehold Living Situations: Including places not covered by other GQ codes shown herein, such as commercial or public campgrounds, campgrounds at racetracks, fairs, and carnivals, hostels, and similar transient sites. (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.) |
| | | R. Staff of Institutions: Including staff personnel residing in group quarters. Code according to the appropriate type of group quarters shown under the column "Staff residents GQ codes." Staff residents are coded with an "N" suffix. |

Note: Do not assign GQ codes to staff residents in group quarters where a "--" is shown.

INDUSTRY

The list presents the industrial classification developed for the 1990 Census of Population and Housing. There are 235 categories for the employed, with 1 additional category for the experienced unemployed, and 7 additional categories for the Armed Forces. These categories are aggregated into 13 major groups. The classification is developed from the 1987 Standard Industrial Classification. "n.e.c." is the abbreviation for not elsewhere classified.

000-039 **AGRICULTURE, FORESTRY, AND FISHERIES**

000-010 Agricultural production, crops (01)
011 Agricultural production, livestock (02)
012 Veterinary services (074)
013-020 Landscape and horticultural services (078)
021-030 Agricultural services, n.e.c. (071, 072, 075, 076)
031 Forestry (08)
032-039 Fishing, hunting, and trapping (09)

040-059 **MINING**

040 Metal mining (10)
041 Coal mining (12)
042 Oil and gas extraction (13)
043-059 Nonmetallic mining and quarrying, except fuel (14)

060-099 **CONSTRUCTION (15, 16, 17)**

100-399 **MANUFACTURING**

100-229 **Nondurable Goods**

100-129 **Food and kindred products**
100 Meat products (201)
101 Dairy products (202)
102-109 Canned, frozen and preserved fruits and vegetables (203)
110 Grain mill products (204)
111 Bakery products (205)
112-119 Sugar and confectionery products (206)
120 Beverage industries (208)
121 Miscellaneous food preparations and kindred products (207, 209)
122-129 Not specified food industries

130-131 **Tobacco manufactures (21)**

132-150 **Textile mill products**
132-139 Knitting mills (225)
140 Dyeing and finishing textiles, except wool and knit goods (226)
141 Carpets and rugs (227)
142-149 Yarn, thread, and fabric mills (221-224, 228)
150 Miscellaneous textile mill products (229)

151-159 **Apparel and other finished textile products**
151 Apparel and accessories, except knit (231-238)
152-159 Miscellaneous fabricated textile products (239)

160-170 **Paper and allied products**
160 Pulp, paper, and paperboard mills (261-263)
161 Miscellaneous paper and pulp products (267)
162-170 Paperboard containers and boxes (265)

100-399**MANUFACTURING—Con.**

171-179

Printing, publishing, and allied industries

171

Newspaper publishing and printing (271)

172-179

Printing, publishing, and allied industries, except newspapers (272-279)

180-199

Chemicals and allied products

180

Plastics, synthetics, and resins (282)

181

Drugs (283)

182-189

Soaps and cosmetics (284)

190

Paints, varnishes, and related products (285)

191

Agricultural chemicals (287)

192-199

Industrial and miscellaneous chemicals (281, 286, 289)

201-209

Miscellaneous petroleum and coal products (280, 287)

210-219

Rubber and miscellaneous plastics products

211

Other rubber products, and plastics footwear and belting (302-306)

212-219

Miscellaneous plastics products (308)

220-229

Leather and leather products

220

Leather tanning and finishing (311)

221

Footwear, except rubber and plastic (313, 314)

222-229

Leather products, except footwear (315-317, 319)

230-399

Durable Goods

230-241

Lumber and wood products, except furniture

230

Logging (241)

231

Sawmills, planing mills, and millwork (242, 243)

232-240

Wood buildings and mobile homes (245)

241

Miscellaneous wood products (244, 249)

242-249

Furniture and fixtures (25)

250-269

Stone, clay, glass, and concrete products

250

Glass and glass products (321-323)

251

Cement, concrete, gypsum, and plaster products (324, 327)

252-260

Structural clay products (325)

261

Pottery and related products (326)

262-269

Miscellaneous nonmetallic mineral and stone products (328, 329)

270-309

Metal industries

270

Blast furnaces, steelworks, rolling and finishing mills (331)

271

Iron and steel foundries (332)

272-279

Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)

280

Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)

281

Cutlery, handtools, and general hardware (342)

282-289

Fabricated structural metal products (344)

290

Screw machine products (345)

291

Metal forgings and stampings (346)

292-299

Ordnance (348)

300

Miscellaneous fabricated metal products (341, 343, 347, 349)

301-309

Not specified metal industries

100-399**MANUFACTURING—Con.**

310-339

Machinery and computing equipment

310

Engines and turbines (351)

311

Farm machinery and equipment (352)

312-319

Construction and material handling machines (353)

320

Metalworking machinery (354)

321

Office and accounting machines (3578, 3579)

322-330

Computers and related equipment (3571-3577)

331

Machinery, except electrical, n.e.c. (355, 356, 358, 359)

332-339

Not specified machinery

340-350

Electrical machinery, equipment, and supplies

340

Household appliances (363)

341

Radio, TV, and communication equipment (365, 366)

342-349

Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)

350

Not specified electrical machinery, equipment, and supplies

351-370

Transportation equipment

351

Motor vehicles and motor vehicle equipment (371)

352-359

Aircraft and parts (372)

360

Ship and boat building and repairing (373)

361

Railroad locomotives and equipment (374)

362-369

Guided missiles, space vehicles, and parts (376)

370

Cycles and miscellaneous transportation equipment (375, 379)

371-389

Professional and photographic equipment, and watches

371

Scientific and controlling instruments (381, 382 except 3827)

372-379

Medical, dental, and optical instruments and supplies (3827, 384, 385)

380

Photographic equipment and supplies (386)

381-389

Watches, clocks, and clockwork operated devices (387)

390

Toys, amusement, and sporting goods (394)

391

Miscellaneous manufacturing industries (39 except 394)

392-399

Not specified manufacturing industries

400-499**TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES**

400-439

Transportation

400

Railroads (40)

401

Bus service and urban transit (41, except 412)

402-409

Taxicab service (412)

410

Trucking service (421, 423)

411

Warehousing and storage (422)

412-419

U.S. Postal Service (43)

420

Water transportation (44)

421

Air transportation (45)

422-431

Pipe lines, except natural gas (46)

432-439

Services incidental to transportation (47)

440-449

Communications

440

Radio and television broadcasting and cable (483, 484)

441

Telephone communications (481)

442-449

Telegraph and miscellaneous communications services (482, 489)

450-499

Utilities and sanitary services

450

Electric light and power (491)

400-499**TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES—Con.**

- 451 Gas and steam supply systems (492, 496)
- 452-469 Electric and gas, and other combinations (493)
- 470 Water supply and irrigation (494, 497)
- 471 Sanitary services (495)
- 472-499 Not specified utilities

500-579**WHOLESALE TRADE**

- 500-539 Durable Goods
 - 500 Motor vehicles and equipment (501)
 - 501 Furniture and home furnishings (502)
 - 502-509 Lumber and construction materials (503)
 - 510 Professional and commercial equipment and supplies (504)
 - 511 Metals and minerals, except petroleum (505)
 - 512-520 Electrical goods (506)
 - 521-529 Hardware, plumbing and heating supplies (507)
 - 530 Machinery, equipment, and supplies (508)
 - 531 Scrap and waste materials (5093)
 - 532-539 Miscellaneous wholesale, durable goods (509 except 5093)

540-579**Nondurable Goods**

- 540 Paper and paper products (511)
- 541 Drugs, chemicals and allied products (512, 516)
- 542-549 Apparel, fabrics, and notions (513)
- 550 Groceries and related products (514)
- 551 Farm-product raw materials (515)
- 552-559 Petroleum products (517)
- 560 Alcoholic beverages (518)
- 561 Farm supplies (5191)
- 562-570 Miscellaneous wholesale, nondurable goods (5192-5199)
- 571-579 Not specified wholesale trade

580-699**RETAIL TRADE**

- 580 Lumber and building material retailing (521, 523)
- 581 Hardware stores (525)
- 582-589 Retail nurseries and garden stores (526)
- 590 Mobile home dealers (527)
- 591 Department stores (531)
- 592-599 Variety stores (533)
- 600 Miscellaneous general merchandise stores (539)
- 601 Grocery stores (541)
- 602-609 Dairy products stores (545)
- 610 Retail bakeries (546)
- 611 Food stores, n.e.c. (542, 543, 544, 549)
- 612-619 Motor vehicle dealers (551, 552)
- 620 Auto and home supply stores (553)
- 621 Gasoline service stations (554)
- 622 Miscellaneous vehicle dealers (555, 556, 557, 559)
- 623-629 Apparel and accessory stores, except shoe (56, except 566)
- 630 Shoe stores (566)
- 631 Furniture and home furnishings stores (571)
- 632 Household appliance stores (572)
- 633-639 Radio, TV, and computer stores (5731, 5734)
- 640 Music stores (5735, 5736)
- 641 Eating and drinking places (58)
- 642-649 Drug stores (591)
- 650 Liquor stores (592)

580-699**RETAIL TRADE—Con.**

- 651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
- 652-659 Book and stationery stores (5942, 5943)
- 660 Jewelry stores (5944)
- 661 Gift, novelty, and souvenir shops (5947)
- 662 Sewing, needlework and piece goods stores (5949)
- 663-669 Catalog and mail order houses (5961)
- 670 Vending machine operators (5962)
- 671 Direct selling establishments (5963)
- 672-680 Fuel dealers (598)
- 681 Retail florists (5992)
- 682-690 Miscellaneous retail stores (593, 5948, 5993-5995, 5999)
- 691-699 Not specified retail trade

700-720**FINANCE, INSURANCE, AND REAL ESTATE**

- 700 Banking (60 except 603 and 606)
- 701 Savings institutions, including credit unions (603, 606)
- 702-709 Credit agencies, n.e.c. (61)
- 710 Security, commodity brokerage, and investment companies (62, 67)
- 711 Insurance (63, 64)
- 712-720 Real estate, including real estate-insurance offices (65)

721-760**BUSINESS AND REPAIR SERVICES**

- 721 Advertising (731)
- 722-730 Services to dwellings and other buildings (734)
- 731 Personnel supply services (736)
- 732-739 Computer and data processing services (737)
- 740 Detective and protective services (7381, 7382)
- 741 Business services, n.e.c. (732, 733, 735, 7383-7389)
- 742-749 Automotive rental and leasing, without drivers (751)
- 750 Automotive parking and carwashes (752, 7542)
- 751 Automotive repair and related services (753, 7549)
- 752-759 Electrical repair shops (762, 7694)
- 760 Miscellaneous repair services (763, 764, 7692, 7699)

761-799**PERSONAL SERVICES**

- 761 Private households (88)
- 762-769 Hotels and motels (701)
- 770 Lodging places, except hotels and motels (702, 703, 704)
- 771 Laundry, cleaning, and garment services (721 except part 7219)
- 772-779 Beauty shops (723)
- 780 Barber shops (724)
- 781 Funeral service and crematories (726)
- 782-789 Shoe repair shops (725)
- 790 Dressmaking shops (part 7219)
- 791-799 Miscellaneous personal services (722, 729)

800-811**ENTERTAINMENT AND RECREATION SERVICES**

- 800 Theaters and motion pictures (781-783, 792)
- 801 Video tape rental (784)
- 802-809 Bowling centers (793)
- 810-811 Miscellaneous entertainment and recreation services (791, 794, 799)

812-899 PROFESSIONAL AND RELATED SERVICES

- 812-819 Offices and clinics of physicians (801, 803)
- 820 Offices and clinics of dentists (802)
- 821 Offices and clinics of chiropractors (8041)
- 822-829 Offices and clinics of optometrists (8042)
- 830 Offices and clinics of health practitioners, n.e.c. (8043, 8049)
- 831 Hospitals (806)
- 832-839 Nursing and personal care facilities (805)
- 840 Health services, n.e.c. (807, 808, 809)
- 841 Legal services (81)
- 842-849 Elementary and secondary schools (821)
- 850 Colleges and universities (822)
- 851 Vocational schools (824)
- 852-859 Libraries (823)
- 860 Educational services, n.e.c. (829)
- 861 Job training and vocational rehabilitation services (833)
- 862 Child day care services (part 835)
- 863-869 Family child care homes (part 835)
- 870 Residential care facilities, without nursing (836)
- 871 Social services, n.e.c. (832, 839)
- 872 Museums, art galleries, and zoos (84)
- 873-879 Labor unions (863)
- 880 Religious organizations (866)
- 881 Membership organizations, n.e.c. (861, 862, 864, 865, 869)
- 882-889 Engineering, architectural, and surveying services (871)
- 890 Accounting, auditing, and bookkeeping services (872)
- 891 Research, development, and testing services (873)
- 892 Management and public relations services (874)
- 893-899 Miscellaneous professional and related services (899)

900-939 PUBLIC ADMINISTRATION

- 900 Executive and legislative offices (911-913)
- 901-909 General government, n.e.c. (919)
- 910-920 Justice, public order, and safety (92)
- 921 Public finance, taxation, and monetary policy (93)
- 922-929 Administration of human resources programs (94)
- 930 Administration of environmental quality and housing programs (95)
- 931 Administration of economic programs (96)
- 932-939 National security and international affairs (97)

940-991 ACTIVE DUTY MILITARY

- 940-959 Armed Forces
- 940 Army
- 941 Air Force
- 942-949 Navy
- 950 Marines
- 951 Coast Guard
- 952-959 Armed Forces, Branch not specified
- 960-991 Military Reserves or National Guard

992-999 EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY

- 992-999 Unemployed, last worked 1984 or earlier

OCCUPATION

The list presents the occupational classification developed for the 1990 Census of Population and Housing. There are 500 categories for the employed with 1 additional category for the experienced unemployed and 3 additional categories for the Armed Forces. These categories are grouped into 6 summary groups and 13 major groups. The classification is developed from the 1980 Standard Occupational Classification. "n.e.c." is the abbreviation for not elsewhere classified.

000-202 MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

000-042 Executive, Administrative, and Managerial Occupations

- 000-003 Legislators (111)
- 004 Chief executives and general administrators, public administration (112)
- 005 Administrators and officials, public administration (1132-1139)
- 006 Administrators, protective services (1131)
- 007 Financial managers (122)
- 008 Personnel and labor relations managers (123)
- 009-012 Purchasing managers (124)
- 013 Managers, marketing, advertising, and public relations (125)
- 014 Administrators, education and related fields (128)
- 015 Managers, medicine and health (131)
- 016 Postmasters and mail superintendents (1344)
- 017 Managers, food serving and lodging establishments (1351)
- 018 Managers, properties and real estate (1353)
- 019-020 Funeral directors (part 1359)
- 021 Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)
- 022 Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)

023-042 Management Related Occupations

- 023 Accountants and auditors (1412)
- 024 Underwriters (1414)
- 025 Other financial officers (1415, 1419)
- 026 Management analysts (142)
- 027 Personnel, training, and labor relations specialists (143)
- 028 Purchasing agents and buyers, farm products (1443)
- 029-032 Buyers, wholesale and retail trade except farm products (1442)
- 033 Purchasing agents and buyers, n.e.c. (1449)
- 034 Business and promotion agents (145)
- 035 Construction inspectors (1472)
- 036 Inspectors and compliance officers, except construction (1473)
- 037-042 Management related occupations, n.e.c. (149)

043-202 Professional Specialty Occupations

- 043-063 Engineers, Architects, and Surveyors
- 043 Architects (161)
- 044-062 Engineers
- 044 Aerospace (1622)
- 045 Metallurgical and materials (1623)
- 046 Mining (1624)
- 047 Petroleum (1625)
- 048 Chemical (1626)
- 049-052 Nuclear (1627)
- 053 Civil (1628)
- 054 Agricultural (1632)
- 055 Electrical and electronic (1633, 1636)
- 056 Industrial (1634)
- 057 Mechanical (1635)

000-202**MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.**

058	Marine and naval architects (1637)
059-062	Engineers, n.e.c. (1639)
063	Surveyors and mapping scientists (164)
064-068	Mathematical and Computer Scientists
064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)
069-083	Natural Scientists
069-072	Physicists and astronomers (1842, 1843)
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodesists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079-082	Forestry and conservation scientists (1852)
083	Medical scientists (1855)
084-094	Health Diagnosing Occupations
084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089-094	Health diagnosing practitioners, n.e.c. (289)
095-112	Health Assessment and Treating Occupations
095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
098-105	Therapists
098	Respiratory therapists (3031)
099-102	Occupational therapists (3032)
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106-112	Physicians' assistants (304)
113-154	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119-122	Economics teachers (2218)
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)

000-202**MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.**

129-132	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139-142	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149-152	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
155-162	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159-162	Teachers, n.e.c. (236, 239)
163	Counselors, Educational and Vocational (24)
164-165	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
166-173	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169-172	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)
174-177	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
178-182	Lawyers and Judges
178	Lawyers (211)
179-182	Judges (212)
183-202	Writers, Artists, Entertainers, and Athletes
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)
189-192	Photographers (326)

000-202**MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.**

- 193 Dancers (327)
- 194 Artists, performers, and related workers, n.e.c. (328, 329)
- 195-196 Editors and reporters (331)
- 197 Public relations specialists (332)
- 198 Announcers (333)
- 199-202 Athletes (34)

203-402**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS****203-242****Technicians and Related Support Occupations****203-212****Health Technologists and Technicians**

- 203 Clinical laboratory technologists and technicians (362)
- 204 Dental hygienists (363)
- 205 Health record technologists and technicians (364)
- 206 Radiologic technicians (365)
- 207 Licensed practical nurses (366)
- 208-212 Health technologists and technicians, n.e.c. (369)

213-242**Technologists and Technicians, Except Health****213-222****Engineering and Related Technologists and Technicians**

- 213 Electrical and electronic technicians (3711)
- 214 Industrial engineering technicians (3712)
- 215 Mechanical engineering technicians (3713)
- 216 Engineering technicians, n.e.c. (3719)
- 217 Drafting occupations (372)
- 218-222 Surveying and mapping technicians (373)

223-225**Science Technicians**

- 223 Biological technicians (382)
- 224 Chemical technicians (3831)
- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)

226-242**Technicians, Except Health, Engineering, and Science**

- 226 Airplane pilots and navigators (825)
- 227 Air traffic controllers (392)
- 228 Broadcast equipment operators (393)
- 229-232 Computer programmers (3971, 3972)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235-242 Technicians, n.e.c. (399)

243-302**Sales Occupations****243-252****Supervisors and Proprietors, Sales Occupations (40)****253-257****Sales Representatives, Finance and Business Services**

- 253 Insurance sales occupations (4122)
- 254 Real estate sales occupations (4123)
- 255 Securities and financial services sales occupations (4124)
- 256 Advertising and related sales occupations (4153)
- 257 Sales occupations, other business services (4152)

258-262**Sales Representatives, Commodities, Except Retail**

- 258 Sales engineers (421)
- 259-262 Sales representatives, mining, manufacturing, and wholesale (423, 424)

203-402**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.****263-282****Sales Workers, Retail and Personal Services****263**

Sales workers, motor vehicles and boats (4342, 4344)

264

Sales workers, apparel (4346)

265

Sales workers, shoes (4351)

266

Sales workers, furniture and home furnishings (4348)

267

Sales workers, radio, TV, hi-fi, and appliances (4343, 4352)

268

Sales workers, hardware and building supplies (4353)

269-273

Sales workers, parts (4367)

274

Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)

275

Sales counter clerks (4363)

276

Cashiers (4364)

277

Street and door-to-door sales workers (4366)

278-282

News vendors (4365)

283-302**Sales Related Occupations****283**

Demonstrators, promoters and models, sales (445)

284

Auctioneers (447)

285-302

Sales support occupations, n.e.c. (444, 446, 449)

303-402**Administrative Support Occupations, Including Clerical****303-307****Supervisors, Administrative Support Occupations****303**

Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)

304

Supervisors, computer equipment operators (4512)

305

Supervisors, financial records processing (4521)

306

Chief communications operators (4523)

307

Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528)

308-312**Computer Equipment Operators****308**

Computer operators (4612)

309-312

Peripheral equipment operators (4613)

313-315**Secretaries, Stenographers, and Typists****313**

Secretaries (4622)

314

Stenographers (4623)

315

Typists (4624)

316-324**Information Clerks****316**

Interviewers (4642)

317

Hotel clerks (4643)

318

Transportation ticket and reservation agents (4644)

319-322

Receptionists (4645)

323-324

Information clerks, n.e.c. (4649)

325-336**Records Processing Occupations, Except Financial****325**

Classified-ad clerks (4662)

326

Correspondence clerks (4663)

327

Order clerks (4664)

328

Personnel clerks, except payroll and timekeeping (4692)

329-334

Library clerks (4694)

335

File clerks (4696)

336

Records clerks (4699)

337-344**Financial Records Processing Occupations****337**

Bookkeepers, accounting, and auditing clerks (4712)

338

Payroll and timekeeping clerks (4713)

203-402**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.**

339-342

Billing clerks (4715)

343

Cost and rate clerks (4716)

344

Billing, posting, and calculating machine operators (4718)

345-347

Duplicating, Mail and Other Office Machine Operators

345

Duplicating machine operators (4722)

346

Mail preparing and paper handling machine operators (4723)

347

Office machine operators, n.e.c. (4729)

348-353

Communications Equipment Operators

348-352

Telephone operators (4732)

353

Communications equipment operators, n.e.c. (4733, 4739)

354-358

Mail and Message Distributing Occupations

354

Postal clerks, except mail carriers (4742)

355

Mail carriers, postal service (4743)

356

Mail clerks, except postal service (4744)

357-358

Messengers (4745)

359-374

Material Recording, Scheduling, and Distributing Clerks

359-362

Dispatchers (4751)

363

Production coordinators (4752)

364

Traffic, shipping, and receiving clerks (4753)

365

Stock and inventory clerks (4754)

366

Meter readers (4755)

368-372

Weighers, measurers, checkers, and samplers (4756, 4757)

373

Expeditors (4758)

374

Material recording, scheduling, and distributing clerks, n.e.c. (4759)

375-378

Adjusters and Investigators

375

Insurance adjusters, examiners, and investigators (4782)

376

Investigators and adjusters, except insurance (4783)

377

Eligibility clerks, social welfare (4784)

378

Bill and account collectors (4786)

379-402

Miscellaneous Administrative Support Occupations

379-382

General office clerks (463)

383

Bank tellers (4791)

384

Proofreaders (4792)

385

Data-entry keyers (4793)

386

Statistical clerks (4794)

387-388

Teachers' aides (4795)

389-402

Administrative support occupations, n.e.c. (4787, 4799)

403-472**SERVICE OCCUPATIONS**

403-412

Private Household Occupations

403

Launderers and ironers (503)

404

Cooks, private household (504)

405

Housekeepers and butlers (505)

406

Child care workers, private household (506)

407-412

Private household cleaners and servants (502, 507, 509)

413-432

Protective Service Occupations

413-415

Supervisors, Protective Service Occupations

413

Supervisors, firefighting and fire prevention occupations (5111)

403-472

SERVICE OCCUPATIONS—Con.

414 Supervisors, police and detectives (5112)
415 Supervisors, guards (5113)
416-417 Firefighting and Fire Prevention Occupations
416 Fire inspection and fire prevention occupations (5122)
417 Firefighting occupations (5123)
418-424 Police and Detectives
418-422 Police and detectives, public service (5132)
423 Sheriffs, bailiffs, and other law enforcement officers (5134)
424 Correctional institution officers (5133)
425-432 Guards
425 Crossing guards (5142)
426 Guards and police, except public service (5144)
427-432 Protective service occupations, n.e.c. (5149)

433-472

Service Occupations, Except Protective and Household

433-444 Food Preparation and Service Occupations
433 Supervisors, food preparation and service occupations (5211)
434 Bartenders (5212)
435 Waiters and waitresses (5213)
436-437 Cooks (5214, 5215)
438 Food counter, fountain and related occupations (5216)
439-442 Kitchen workers, food preparation (5217)
443 Waiters' /waitresses' assistants (5218)
444 Miscellaneous food preparation occupations (5219)

445-447

Health Service Occupations

445 Dental assistants (5232)
446 Health aides, except nursing (5233)
447 Nursing aides, orderlies, and attendants (5236)

448-455

Cleaning and Building Service Occupations, Except Household

448 Supervisors, cleaning and building service workers (5241)
449-452 Maids and housemen (5242, 5249)
453 Janitors and cleaners (5244)
454 Elevator operators (5245)
455 Pest control occupations (5246)

456-472

Personal Service Occupations

456 Supervisors, personal service occupations (5251)
457 Barbers (5252)
458 Hairdressers and cosmetologists (5253)
459-460 Attendants, amusement and recreation facilities (5254)
461 Guides (5255)
462 Ushers (5256)
463 Public transportation attendants (5257)
464 Baggage porters and bellhops (5262)
465 Welfare service aides (5263)
466 Family child care providers (part 5264)
467 Early childhood teacher's assistants (part 5264)
468 Child care workers, n.e.c. (part 5264)
469-472 Personal service occupations, n.e.c. (5258, 5269)

473-502**FARMING, FORESTRY, AND FISHING OCCUPATIONS**

473-476
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Farm Operators and Managers
Farmers, except horticultural (5512-5514)
Horticultural specialty farmers (5515)
Managers, farms, except horticultural (5522-5524)
Managers, horticultural specialty farms (5525)

477-493
477-484
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479-482
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485-493
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489-493

Other Agricultural and Related Occupations
Farm Occupations, Except Managerial
Supervisors, farm workers (5611)
Farm workers (5612-5617)
Marine life cultivation workers (5618)
Nursery workers (5619)
Related Agricultural Occupations
Supervisors, related agricultural occupations (5621)
Groundskeepers and gardeners, except farm (5622)
Animal caretakers, except farm (5624)
Graders and sorters, agricultural products (5625)
Inspectors, agricultural products (5627)

494-496
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Forestry and Logging Occupations
Supervisors, forestry and logging workers (571)
Forestry workers, except logging (572)
Timber cutting and logging occupations (573, 579)

497-502
497
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499-502

Fishers, Hunters, and Trappers
Captains and other officers, fishing vessels (part 8241)
Fishers (583)
Hunters and trappers (584)

503-702**PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS**

503-552

Mechanics and Repairers

503-504
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505-517
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509-513
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519-522

Supervisors, mechanics and repairers (60)
Mechanics and Repairers, Except Supervisors
Vehicle and Mobile Equipment Mechanics and Repairers
Automobile mechanics (part 6111)
Automobile mechanic apprentices (part 6111)
Bus, truck, and stationary engine mechanics (6112)
Aircraft engine mechanics (6113)
Small engine repairers (6114)
Automobile body and related repairers (6115)
Aircraft mechanics, except engine (6116)
Heavy equipment mechanics (6117)
Farm equipment mechanics (6118)
Industrial machinery repairers (613)
Machinery maintenance occupations (614)

523-533
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527-528
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Electrical and Electronic Equipment Repairers
Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
Data processing equipment repairers (6154)
Household appliance and power tool repairers (6156)
Telephone line installers and repairers (6157)
Telephone installers and repairers (6158)
Miscellaneous electrical and electronic equipment repairers (6152, 6159)

534

Heating, air conditioning, and refrigeration mechanics (616)

503-702

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS—Con.

535-552

Miscellaneous Mechanics and Repairers

535

Camera, watch, and musical instrument repairers (6171, 6172)

536-537

Locksmiths and safe repairers (6173)

538

Office machine repairers (6174)

539-542

Mechanical controls and valve repairers (6175)

543

Elevator installers and repairers (6176)

544-546

Millwrights (6178)

547-548

Specified mechanics and repairers, n.e.c. (6177, 6179)

549-552

Not specified mechanics and repairers

553-612

Construction Trades

553-562

Supervisors, Construction Occupations

553

Supervisors, brickmasons, stonemasons, and tile setters (6312)

554

Supervisors, carpenters and related workers (6313)

555

Supervisors, electricians and power transmission installers (6314)

556

Supervisors, painters, paperhangers, and plasterers (6315)

557

Supervisors, plumbers, pipefitters, and steamfitters (6316)

558-562

Supervisors, construction, n.e.c. (6311, 6318)

563-612

Construction Trades, Except Supervisors

563-564

Brickmasons and stonemasons (part 6412, part 6413)

564

Brickmason and stonemason apprentices (part 6412, part 6413)

565

Tile setters, hard and soft (part 6414, part 6462)

566

Carpet installers (part 6462)

567-572

Carpenters (part 6422)

569-572

Carpenter apprentices (part 6422)

573-574

Drywall installers (6424)

575-576

Electricians (part 6432)

576

Electrician apprentices (part 6432)

577-578

Electrical power installers and repairers (6433)

579-582

Painters, construction and maintenance (6442)

583

Paperhangers (6443)

584

Plasterers (6444)

585-587

Plumbers, pipefitters, and steamfitters (part 645)

587

Plumber, pipefitter, and steamfitter apprentices (part 645)

588

Concrete and terrazzo finishers (6463)

589-592

Glaziers (6464)

593

Insulation workers (6465)

594

Paving, surfacing, and tamping equipment operators (6466)

595

Roofers (6468)

596

Sheetmetal duct installers (6472)

597

Structural metal workers (6473)

598

Drillers, earth (6474)

599-612

Construction trades, n.e.c. (6467, 6475, 6476, 6479)

613-627

Extractive Occupations

613

Supervisors, extractive occupations (632)

614

Drillers, oil well (652)

615

Explosives workers (653)

616

Mining machine operators (654)

617-627

Mining occupations, n.e.c. (656)

628-702

Precision Production Occupations

628-633

Supervisors, production occupations (67, 71)

634-655

Precision Metal Working Occupations

503-702**PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS—Con.**

- 634-635 Tool and die makers (part 6811)
- 635 Tool and die maker apprentices (part 6811)
- 636 Precision assemblers, metal (6812)
- 637-642 Machinists (part 6813)
- 639-642 Machinist apprentices (part 6813)
- 643 Bollermakers (6814)
- 644 Precision grinders, filers, and tool sharpeners (6816)
- 645 Patternmakers and model makers, metal (6817)
- 646 Lay-out workers (6821)
- 647-648 Precious stones and metals workers (Jewelers) (6822, 6866)
- 649-652 Engravers, metal (6823)
- 653-654 Sheet metal workers (part 6824)
- 654 Sheet metal worker apprentices (part 6824)
- 655 Miscellaneous precision metal workers (6829)
- 656-665 Precision Woodworking Occupations
- 656 Patternmakers and model makers, wood (6831)
- 657 Cabinet makers and bench carpenters (6832)
- 658 Furniture and wood finishers (6835)
- 659-665 Miscellaneous precision woodworkers (6839)
- 666-674 Precision Textile, Apparel, and Furnishings Machine Workers
- 666 Dressmakers (part 6852, part 7752)
- 667 Tailors (part 6852)
- 668 Upholsterers (6853)
- 669-673 Shoe repairers (6854)
- 674 Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752)
- 675-685 Precision Workers, Assorted Materials
- 675 Hand molders and shapers, except jewelers (6861)
- 676 Patternmakers, lay-out workers, and cutters (6862)
- 677 Optical goods workers (6864, part 7477, part 7677)
- 678 Dental laboratory and medical appliance technicians (6865)
- 679-682 Bookbinders (6844)
- 683 Electrical and electronic equipment assemblers (6867)
- 684-685 Miscellaneous precision workers, n.e.c. (6869)
- 686-688 Precision Food Production Occupations
- 686 Butchers and meat cutters (6871)
- 687 Bakers (6872)
- 688 Food batchmakers (6873, 6879)
- 689-693 Precision Inspectors, Testers, and Related Workers
- 689-692 Inspectors, testers, and graders (6881, 828)
- 693 Adjusters and calibrators (6882)
- 694-702 Plant and System Operators
- 694 Water and sewage treatment plant operators (691)
- 695 Power plant operators (part 693)
- 696-698 Stationary engineers (part 693, 7668)
- 699-702 Miscellaneous plant and system operators (692, 694, 695, 696)

703-902**OPERATORS, FABRICATORS, AND LABORERS****703-802**

Machine Operators, Assemblers, and Inspectors

703-782

Machine Operators and Tenders, Except Precision

703-716

Metal Working and Plastic Working Machine Operators

703

Lathe and turning machine set-up operators (7312)

704

Lathe and turning machine operators (7512)

705

Milling and planing machine operators (7313, 7513)

706

Punching and stamping press machine operators (7314, 7317, 7514, 7517)

703-902**OPERATORS, FABRICATORS, AND LABORERS—Con.**

- 707 Rolling machine operators (7316, 7516)
708 Drilling and boring machine operators (7318, 7518)
709-712 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
713 Forging machine operators (7319, 7519)
714 Numerical control machine operators (7326)
715-716 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717-718 Fabricating machine operators, n.e.c. (7339, 7539)
- 719-725 **Metal and Plastic Processing Machine Operators**
719-722 Molding and casting machine operators (7315, 7342, 7515, 7542)
723 Metal plating machine operators (7343, 7543)
724 Heat treating equipment operators (7344, 7544)
725 Miscellaneous metal and plastic processing machine operators (7349, 7549)
- 726-733 **Woodworking Machine Operators**
726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727 Sawing machine operators (7433, 7633)
728 Shaping and joining machine operators (7435, 7635)
729-732 Nailing and tacking machine operators (7636)
733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
- 734-737 **Printing Machine Operators**
734 Printing press operators (7443, 7643)
735 Photoengravers and lithographers (6842, 7444, 7644)
736 Typesetters and compositors (6841, 7642)
737 Miscellaneous printing machine operators (6849, 7449, 7649)
- 738-752 **Textile, Apparel, and Furnishings Machine Operators**
738 Winding and twisting machine operators (7451, 7651)
739-742 Knitting, looping, taping, and weaving machine operators (7452, 7652)
743 Textile cutting machine operators (7654)
744 Textile sewing machine operators (7655)
745-746 Shoe machine operators (7656)
747 Pressing machine operators (7657)
748 Laundering and dry cleaning machine operators (6855, 7658)
749-752 Miscellaneous textile machine operators (7459, 7659)
- 753-782 **Machine Operators, Assorted Materials**
753 Cementing and gluing machine operators (7661)
754 Packaging and filling machine operators (7462, 7662)
755 Extruding and forming machine operators (7463, 7663)
756 Mixing and blending machine operators (7664)
757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758 Compressing and compacting machine operators (7467, 7667)
759-762 Painting and paint spraying machine operators (7669)
763 Roasting and baking machine operators, food (7472, 7672)
764 Washing, cleaning, and pickling machine operators (7673)
765 Folding machine operators (7474, 7674)
766-767 Furnace, kiln, and oven operators, except food (7675)
768 Crushing and grinding machine operators (part 7477, part 7677)
769-772 Slicing and cutting machine operators (7478, 7678)
773 Motion picture projectionists (part 7479)
774-776 Photographic process machine operators (6863, 6868, 7671)
777-778 Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)
779-782 Machine operators, not specified

703-902**OPERATORS, FABRICATORS, AND LABORERS—Con.**

783-795 Fabricators, Assemblers, and Hand Working Occupations
 783 Welders and cutters (7332, 7532, 7714)
 784 Solderers and brazers (7333, 7533, 7717)
 785 Assemblers (772, 774)
 786 Hand cutting and trimming occupations (7753)
 787-788 Hand molding, casting, and forming occupations (7754, 7755)
 789-792 Hand painting, coating, and decorating occupations (7756)
 793-794 Hand engraving and printing occupations (7757)
 795 Miscellaneous hand working occupations (7758, 7759)
 796-802 Production Inspectors, Testers, Samplers, and Weighers
 796 Production inspectors, checkers, and examiners (782, 787)
 797 Production testers (783)
 798 Production samplers and weighers (784)
 799-802 Graders and sorters, except agricultural (785)

803-863**Transportation and Material Moving Occupations**

803-822 Motor Vehicle Operators
 803 Supervisors, motor vehicle operators (8111)
 804-805 Truck drivers (8212-8214)
 806-807 Driver-sales workers (8218)
 808 Bus drivers (8215)
 809-812 Taxicab drivers and chauffeurs (8216)
 813 Parking lot attendants (874)
 814-822 Motor transportation occupations, n.e.c. (8219)

823-842**Transportation Occupations, Except Motor Vehicles**

823-827 Rail Transportation Occupations
 823 Railroad conductors and yardmasters (8113)
 824 Locomotive operating occupations (8232)
 825 Railroad brake, signal, and switch operators (8233)
 826-827 Rail vehicle operators, n.e.c. (8239)
 828-842 Water Transportation Occupations
 828 Ship captains and mates, except fishing boats (part 8241, 8242)
 829-832 Sailors and deckhands (8243)
 833 Marine engineers (8244)
 834-842 Bridge, lock, and lighthouse tenders (8245)

843-863**Material Moving Equipment Operators**

843 Supervisors, material moving equipment operators (812)
 844 Operating engineers (8312)
 845-847 Longshore equipment operators (8313)
 848 Hoist and winch operators (8314)
 849-852 Crane and tower operators (8315)
 853-854 Excavating and loading machine operators (8316)
 855 Grader, dozer, and scraper operators (8317)
 856-858 Industrial truck and tractor equipment operators (8318)
 859-863 Miscellaneous material moving equipment operators (8319)

864-902**Handlers, Equipment Cleaners, Helpers, and Laborers**

864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
 865 Helpers, mechanics, and repairers (863)
 866-868 Helpers, Construction, and Extractive Occupations
 866 Helpers, construction trades (8641-8645, 8648)
 867 Helpers, surveyor (8646)

703-902 OPERATORS, FABRICATORS, AND LABORERS—Con.

868 Helpers, extractive occupations (865)
869-873 Construction laborers (871)
874 Production helpers (861, 862)
875-884 Freight, Stock, and Material Handlers
875 Garbage collectors (8722)
876 Stevedores (8723)
877 Stock handlers and baggers (8724)
878-882 Machine feeders and offbearers (8725)
883-884 Freight, stock, and material handlers, n.e.c. (8726)
885-886 Garage and service station related occupations (873)
887 Vehicle washers and equipment cleaners (875)
888 Hand packers and packagers (8761)
889-902 Laborers, except construction (8769)

**903-908 MILITARY OCCUPATIONS (Includes only uniquely military occupations.
Other Armed Forces members are coded to civilian occupations.)**

903 Commissioned officers and warrant officers
904 Non-commissioned officers and other enlisted personnel
905-908 Military occupation, rank not specified

909-999 EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION

909-999 Unemployed, last worked 1984 or earlier

PLACE OF BIRTH

This section contains the code list for place of birth. An alphabetical list of U.S. States and territories, foreign countries, and other areas was used to assign a three-digit code to the birthplace reported by each person. The alphabetical list used in coding included abbreviations and alternate names, including some historical names for countries and names of States, provinces, counties, or other subdivisions of countries.

The following list does not include any of these alternate names, but does include continent and area names used as defaults if a specific country was not named but a broader region or area of birth was reported. The names for foreign countries shown on this list and in the publications reflect the most commonly used names in this country, not their official or legal names. Each entry shown on the following list has a unique code.

The U.S. States and territories were assigned their Federal Information Processing Standards (FIPS) code preceded by a zero. For foreign countries, codes were generally assigned by listing the countries or areas in alphabetical order (followed by default codes) within eight broad continent or regional areas: (1) Europe, (2) Asia, (3) North America, (4) Central America, (5) Caribbean, (6) South America, (7) Africa, and (8) Oceania. The entries for the USSR and the Baltic States are listed following the other entries for Europe for convenience in combining with either Europe or Asia. The entries for Germany also do not follow strict alphabetical order; codes 110-114 can be combined to tabulate an overall figure including Germany (not specified), East Germany, West Germany, and Berlin. The entries for the United Kingdom also do not follow strict alphabetical order; codes 138-145 can be combined to tabulate an overall figure including United Kingdom (not specified), England, Scotland, Wales, Northern Ireland, Guernsey, Jersey, and the Isle of Man. The codes for Asia also include a code for Korea (not specified) since it is often reported in that fashion.

001-059	United States	001-059	United States—Con.
001	Alabama	041	Oregon
002-003	Alaska	042-043	Pennsylvania
004	Arizona	044	Rhode Island
005	Arkansas	045	South Carolina
006-007	California	046	South Dakota
008	Colorado	047	Tennessee
009	Connecticut	048	Texas
010	Delaware	049	Utah
011	District of Columbia	050	Vermont
012	Florida	051-052	Virginia
013-014	Georgia	053	Washington
015	Hawaii	054	West Virginia
016	Idaho	055	Wisconsin
017	Illinois	056-059	Wyoming
018	Indiana		
019	Iowa	060-099	U.S. Outlying Areas and Puerto Rico
020	Kansas	060-065	American Samoa
021	Kentucky	066	Guam
022	Louisiana	067-068	Johnston Atoll
023	Maine	069-070	Northern Mariana Islands
024	Maryland	071	Midway Islands
025	Massachusetts	072-075	Puerto Rico
026	Michigan	076-077	Navassa Island
027	Minnesota	078	U.S. Virgin Islands
028	Mississippi	079-080	Wake Island
029	Missouri	081-083	Baker Island
030	Montana	084-085	Howland Island
031	Nebraska	086-088	Jarvis Island
032	Nevada	089-090	Kingman Reef
033	New Hampshire	091	St. Croix
034	New Jersey	092	St. John
035	New Mexico	093-094	St. Thomas
036	New York	095	Palmyra Atoll
037	North Carolina	096-099	U.S. territory, not specified
038	North Dakota		
039	Ohio		
040	Oklahoma		

100-199 Europe

100 Albania
 101 Andorra
 102 Austria
 103 Belgium
 104 Bulgaria
 105 Czechoslovakia
 106 Denmark
 107 Faroe Islands
 108 Finland
 109 France
 110 Germany, not specified
 111 West Germany
 112 West Berlin
 113 East Berlin
 114 East Germany
 115 Gibraltar
 116 Greece
 117 Hungary
 118 Iceland
 119 Ireland
 120 Italy
 121 Jan Mayen
 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, not specified
 139 England
 140 Scotland
 141 Wales
 142 Northern Ireland
 143 Guernsey
 144 Jersey
 145 Isle of Man
 146 Vatican City
 147 Yugoslavia
 148 Europe, not specified
 149 Central Europe, not specified
 150 Eastern Europe, not specified
 151 Lapland, not specified
 152 Northern Europe, not specified
 153 Southern Europe, not specified
 154-179 Western Europe, not specified

100-199 Europe—Con.

180 Union of Soviet Socialist Republics (USSR)
 181 Baltic States, not specified
 182 Estonia
 183 Latvia
 184-199 Lithuania

200-299 Asia

200 Afghanistan
 201 Bahrain
 202 Bangladesh
 203 Bhutan
 204 Brunei
 205 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, not specified
 218 South Korea
 219 North Korea
 220 Kuwait
 221 Laos
 222 Lebanon
 223 Macau
 224 Malaysia
 225 Maldives
 226 Mongolia
 227 Nepal
 228 Oman
 229 Pakistan
 230 Paracel Islands
 231 Philippines
 232 Qatar
 233 Saudi Arabia
 234 Singapore
 235 Spratley Islands
 236 Sri Lanka
 237 Syria
 238 Taiwan
 239 Thailand
 240 Turkey
 241 United Arab Emirates
 242 Vietnam
 243 Yemen, People's Democratic Republic
 244 Yemen Arab Republic
 245 Asia, not specified
 246 Asia Minor, not specified
 247 East Asia, not specified

200-299

248 Gaza Strip
 249 Indochina, not specified
 250 Iraq-Saudi Arabia Neutral Zone
 251 Mesopotamia, not specified
 252 Middle East, not specified
 253 Palestine, not specified
 254 Persian Gulf States, not specified
 255 Southeast Asia, not specified
 256-299 West Bank

300-399**America****300-309****North America**

300 Bermuda
 301 Canada
 302 Greenland
 303 St. Pierre and Miquelon
 304-309 North America, not specified

310-329**Central America**

310 Belize
 311 Costa Rica
 312 El Salvador
 313 Guatemala
 314 Honduras
 315 Mexico
 316 Nicaragua
 317 Panama
 318-329 Central America, not specified

330-374**Caribbean**

330 Anguilla
 331 Antigua and Barbuda
 332 Aruba
 333 Bahamas
 334 Barbados
 335 British Virgin Islands
 336 Cayman Islands
 337 Cuba
 338 Dominica
 339 Dominican Republic
 340 Grenada
 341 Guadeloupe
 342 Haiti
 343 Jamaica
 344 Martinique
 345 Montserrat
 346 Netherlands Antilles
 347 St. Barthelemy
 348 St. Kitts-Nevis
 349 St. Lucia
 350 St. Vincent and the Grenadines
 351 Trinidad and Tobago
 352 Turks and Caicos Islands
 353 Caribbean, not specified
 354 Antilles, not specified

330-374

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Caribbean—Con.

British West Indies, not specified
 Latin America, not specified
 Leeward Islands, not specified
 West Indies, not specified
 Windward Islands, not specified

South America

Argentina
 Bolivia
 Brazil
 Chile
 Colombia
 Ecuador
 Falkland Islands
 French Guiana
 Guyana
 Paraguay
 Peru
 Suriname
 Uruguay
 Venezuela
 South America, not specified

Africa

Algeria
 Angola
 Bassas da India
 Benin
 Botswana
 British Indian Ocean Territory
 Burkina Faso
 Burundi
 Cameroon
 Cape Verde
 Central African Republic
 Chad
 Comoros
 Congo
 Djibouti
 Egypt
 Equatorial Guinea
 Ethiopia
 Europa Island
 Gabon
 Gambia
 Ghana
 Glorioso Islands
 Guinea
 Guinea-Bissau
 Ivory Coast
 Juan de Nova Island
 Kenya
 Lesotho
 Liberia
 Libya
 Madagascar

400-499**Africa—Con.**

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 and 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 Zaire
 460 Zambia
 461 Zimbabwe
 462 Africa, not specified
 463 Central Africa, not specified
 464 Eastern Africa, not specified
 465 Equatorial Africa, not specified
 466 French Equatorial Africa, not specified
 467 French West Africa, not specified
 468 North Africa, not specified
 469 Western Africa, not specified
 470-499 Southern Africa, not specified

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Oceania

Ashmore and Cartier Islands
 Australia
 Christmas Island, Indian Ocean
 Clipperton Island
 Cocos Islands
 Cook Islands
 Coral Sea Islands
 Fiji
 French Polynesia
 Kiribati
 Marshall Islands
 Micronesia
 Nauru
 New Caledonia
 New Zealand
 Niue
 Norfolk Island
 Palau
 Papua New Guinea
 Pitcairn Islands
 Solomon Islands
 Tokelau
 Tonga
 Tuvalu
 Vanuatu
 Wallis and Futuna Islands
 Western Samoa
 Oceania, not specified
 Polynesia, not specified
 Melanesia, not specified
 Antarctica
 Bouvet Island
 French Southern and Antarctic Lands
 Heard and McDonald Islands
 At Sea/Abroad, Not Specified
 At sea
 Abroad, not specified



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 3 (PUERTO RICO) DATA

TECHNICAL NOTE 1

The following geographic names appear incorrectly in the summary tape files for Puerto Rico. Bold type identifies the correct entry.

In the records for **Aguirre (Rural) subbarrio**, Salinas Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Aguirre (rural) subbarrio.

In the records for **Alto del Cabro subbarrio**, San Juan Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Alto Del Cabro subbarrio.

In the records for **Baldorioty de Castro subbarrio**, Ponce Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Baldorioty De Castro subbarrio.

In the records for **Fuig comunidad**, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Fúig comunidad

In the records for **Higúey subbarrio**, Aguadilla Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Higuey subbarrio.

In the records for **Imbery comunidad**, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Imbéry comunidad.

In the records for **Indiera Fria barrio**, Maricao Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Indiera Fna barrio.

In the records for **Luyando comunidad**, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Luyándo comunidad.

In the records for **Maizales barrio**, Naguabo Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Maizales barrio.

In the records for **Pozo del Hato subbarrio**, San Juan Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Pozo Del Hato subbarrio.

In the records for **Puerta de Tierra subbarrio**, San Juan Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Puerta De Tierra subbarrio.

In the records for **San Cristóbal subbarrio**, San Juan Municipio, the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as San Cristobal subbarrio.

December 1992



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 3 (PUERTO RICO) DATA**

TECHNICAL NOTE 2

The following areas should have been assigned to selected subbarrios: **Bold type identifies the correct entry.**

The unassigned portion of **Aguadilla Municipio, Aguadilla barrio** should be attributed to **Higüey** subbarrio.

The unassigned portion of **Salinas Municipio, Aguirre barrio** should be attributed to **Coquí** subbarrio.

The unassigned portion of **San Juan Municipio, Santurce barrio** should be attributed to **Merhoff** subbarrio.

December 1992



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 3 (PUERTO RICO)

USER NOTE 1

Age Reporting—Review of detailed 1990 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. In addition, there may have been a tendency for respondents to round up their age if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three

previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the discussion on comparability under "Age" in appendix B.)

Mobile Homes—During data review we observed that certain units were incorrectly classified as mobile homes rather than single family or multi-family units. Accordingly, caution should be exercised in using the data for mobile homes.

Vacancy Status—Caution should be exercised when using data reported on "Vacancy Status." The category "Rented or sold, not occupied" may include a significant number of housing units which should have been classified as "Seasonal, recreational, or occasional use."

January 1993



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 3 (PUERTO RICO)

USER NOTE 2

Clarification of Differences Between 100-Percent Counts and Sample Estimates—Estimated population and housing unit totals based on tabulations from only the sample questionnaires (sample tabulations) may differ from the official counts as tabulated from every census questionnaire (100-percent tabulations). Such differences result, in part, because the sample tabulations are based on information from a sample of households rather than from all households (sampling error). Differences also can occur because the interview situation (length of questionnaire, effect of the interviewer, and so forth) and the processing rules differ somewhat between the 100-percent and sample tabulations. These types of differences are reflected in what is called nonsampling error. (For a more detailed description of nonsampling error, see Appendix C, "Accuracy of the Data," in the technical documentation.)

The 100-percent data are the official counts and should be used as the source of information on items collected on the 100-percent questionnaire, such as age, number of rooms, and tenure in housing. This is especially appropriate when the primary focus is on counts of the population or housing units for small areas such as census tracts/BNA's and block groups. For estimates of counts of persons and housing units by characteristics asked only on a sample basis (such as education, labor force status, income, and source of water), the sample estimates should be used within the context of the error associated with them.

Many users are interested in tabulations of items collected on the sample cross-classified by items collected

on a 100-percent basis such as age, sex, and housing units by tenure. Given the way the weights were applied during sample tabulations, generally there is exact agreement between sample estimates and 100-percent counts for total population and total housing units for most geographic areas. At the state, sample estimates and 100-percent counts for population by age, sex, and for housing units by tenure, number of rooms, and so on would be reasonably similar and, in some cases, the same.

At smaller geographic levels, including census tract/BNA, there is still general agreement between 100-percent counts and sample estimates of total population or housing units. At smaller geographic levels, however, there will be expected differences between sample estimates and 100-percent counts for population by age, sex, and for housing units by tenure, number of rooms, and so on. In these cases, users may want to consider using derived measures (such as means, and medians) or percent distributions. Whether using absolute numbers or derived measures for small population groups and for a small number of housing units in small geographic areas, users should be cautioned that the sampling error associated with these data may be large.

As we have done in previous censuses, the Census Bureau will evaluate the quality of the data and make this information available to data users. In the meanwhile, both 100-percent and sample data serve very important purposes and, therefore, should be used within the limitations of the sampling and nonsampling errors.

January 1993



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 3 (PUERTO RICO)**

USER NOTE 3

Appendix G. The latitude and longitude values shown by tick marks in the margins of the Municipio Subdivision Outline Maps in appendix G are approximate.

They are shown only for general reference. They are displayed accurately on the Area and Municipio Outline Maps.

January 1993



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 3 (PUERTO RICO)**

USER NOTE 4

Data presented in matrices H44A "Median Gross Rent as a Percentage of Household Income in 1989" and H49A "Median Selected Monthly Owner Costs as a Percentage of Household Income in 1989 and Mortgage Status" in Summary Tape File 3 (Puerto Rico) are not consistent with Appendix B - Definitions of Subject Characteristics.

When the median falls in the lower interval of the tabulation distribution, the estimated value obtained by linear interpolation is shown rather than the upper value of the category followed by a minus sign (-). The lower interval has an assumed range of 0 to 19.9 percent.

January 1993



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 3 (PUERTO RICO)**

USER NOTE 5

The data shown in this product for persons enumerated in "visible in street locations" are incorrect and should not be used. Only the 100-percent data shown in data products, such as Summary Tape Files (STF's) 1 and 2 and in the 1990 CP-1, *General Population Characteristics* [State] reports should be used for persons enumerated at "visible in street locations."

During "Shelter and Street Night Enumeration," all visible persons on the streets were asked only the basic 100-percent population questions (age, sex, marital status).

During census processing of sample data, information from the long-form questionnaire was inadvertently assigned to a very small percentage of the visible in street population.

January 1993



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 3 (PUERTO RICO)

USER NOTE 6

The estimated population totals for persons in group quarters, specifically by group quarters type, that are based on census sample tabulations may differ from comparable figures shown in 100-percent tabulations. Such differences result, in part, from sampling variability which occurs because information was obtained from a sample of the population rather than from all persons. Differences also occur because of nonsampling errors which affect the 100-percent and sample data. Examples of nonsampling errors include respondent and enumerator errors, processing errors, and nonresponse.

The 100-percent data are the official counts and should be used as the source for data on group

quarters type when the primary focus is on counts of the population in group quarters, especially for small areas such as census tracts/BNA's or blocks. When the group quarters population is shown by characteristics covered only on a sample basis (for example, education, labor force status, income, etc.), the sample figures should be used within the context of the sampling variability associated with them.

For more information on the limitations of 100-percent and sample data for persons in group quarters and the classification of group quarters type, see appendix B.

January 1993

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P94.	RATIO OF INCOME IN 1989 TO POVERTY LEVEL(9) [9]—Con.			
	1.50 to 1.74	10379	4351	6
	1.75 to 1.84	10388	4360	7
	1.85 to 1.99	10397	4369	8
	2.00 and over	10406	4378	9
P95.	POVERTY STATUS IN 1989(2) BY AGE(3) BY HOUSEHOLD TYPE AND RELATIONSHIP(8) [48]			
	<i>Universe: Persons for whom poverty status is determined</i>			
	<i>Income in 1989 above poverty level:</i>			
	Under 65 years:			
	In married-couple family	10415	4387	1,1,1
	In other family:			
	Male householder, no wife present	10424	4396	1,1,2
	Female householder, no husband present	10433	4405	1,1,3
	Unrelated individuals:			
	In family households	10442	4414	1,1,4
	In nonfamily households:			
	Householder:			
	Living alone	10451	4423	1,1,5
	Not living alone	10460	4432	1,1,6
	Nonrelatives	10469	4441	1,1,7
	In group quarters	10478	4450	1,1,8
	65 to 74 years:			
	(Repeat HOUSEHOLD TYPE AND RELATIONSHIP)	10487	4459	1,2,1
	75 years and over:			
	(Repeat HOUSEHOLD TYPE AND RELATIONSHIP)	10559	4531	1,3,1
	<i>Income in 1989 below poverty level:</i>			
	(Repeat AGE By HOUSEHOLD TYPE AND RELATIONSHIP)	10631	4603	2,1,1
P96.	POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12) [24]			
	<i>Universe: Families</i>			
	<i>Income in 1989 above poverty level:</i>			
	Married-couple family:			
	With related children under 18 years:			
	Under 5 years only	10847	4819	1,1
	5 to 17 years only	10856	4828	1,2
	Under 5 years and 5 to 17 years	10865	4837	1,3
	No related children under 18 years	10874	4846	1,4
	Other family:			
	Male householder, no wife present:			
	With related children under 18 years:			
	Under 5 years only	10883	4855	1,5
	5 to 17 years only	10892	4864	1,6
	Under 5 years and 5 to 17 years	10901	4873	1,7
	No related children under 18 years	10910	4882	1,8
	Female householder, no husband present:			
	With related children under 18 years:			
	Under 5 years only	10919	4891	1,9
	5 to 17 years only	10928	4900	1,10
	Under 5 years and 5 to 17 years	10937	4909	1,11
	No related children under 18 years	10946	4918	1,12
	<i>Income in 1989 below poverty level:</i>			
	(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)	10955	4927	2,1

USER NOTE ORDERING INFORMATION

Additional information concerning this file may be available at a later date. User notes, along with technical notes, are sent automatically to all Census Bureau data purchasers. If the user/technical notes should be sent to another address, please complete the coupon below and return it to Customer Services at the address shown.

Users who purchase from other sources may subscribe to the user/technical note series at a cost of \$40 annually. Use the Customer Services order form at the end of chapter 1. Be sure to indicate the series subscription (Redistricting file, STF 1, etc) on the order form.

Data User Services Division
Customer Services Branch
Bureau of the Census
Washington, DC 20233

.....

Name of File: **Census of Population and Housing, 1990: Summary Tape File 3 (Puerto Rico)**

Please send me any information that becomes available later concerning the file listed above.

Name:

Address:

City and State:

ZIP Code:

DATA DICTIONARY

CONTENTS

Identification Section	1
Table (Matrix) Section	13

IDENTIFICATION SECTION

Field name	Data dictionary reference name	Field size	Starting position	Data type
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Record Codes

File Identification ¹	FILEID	8	1	A/N
State/US Abbreviation	STUSAB	2	9	A

AK	Alaska	ID	Idaho	NC	North Carolina	SC	South Carolina
AL	Alabama	IL	Illinois	ND	North Dakota	SD	South Dakota
AR	Arkansas	IN	Indiana	NE	Nebraska	TN	Tennessee
AZ	Arizona	KS	Kansas	NH	New Hampshire	TX	Texas
CA	California	KY	Kentucky	NJ	New Jersey	US	United States
CO	Colorado	LA	Louisiana	NM	New Mexico	UT	Utah
CT	Connecticut	MA	Massachusetts	NV	Nevada	VA	Virginia
DC	District of Columbia	MD	Maryland	NY	New York	VI	Virgin Islands of the United States
DE	Delaware	ME	Maine	OH	Ohio	VT	Vermont
FL	Florida	MI	Michigan	OK	Oklahoma	WA	Washington
GA	Georgia	MN	Minnesota	OR	Oregon	WI	Wisconsin
HI	Hawaii	MO	Missouri	PA	Pennsylvania	WV	West Virginia
IA	Iowa	MS	Mississippi	PR	Puerto Rico	WY	Wyoming
		MT	Montana	RI	Rhode Island		

Summary Level ²	SUMLEV	3	11	N
Geographic Component ³	GEOCOMP	2	14	N

00	Not a geographic component
01	Urban
02	Urban—in urbanized area
03	Urban—in urbanized area—in urbanized area central place
04	Urban—in urbanized area—not in urbanized area central place
05	Urban—not in urbanized area
06	Urban—not in urbanized area—place [10,000 or more persons]
07	Urban—not in urbanized area—place [2,500 to 9,999 persons]
08	Rural
09	Rural—place [1,000 to 2,499 population, not in an extended city]
10	Rural—place [0 to 999 population, not in an extended city]
11	Rural—not in place [or rural part of extended city]
12	Rural—farm
13	Urban portion of extended city
14	Rural portion of extended city
20	In metropolitan statistical area/consolidated metropolitan statistical area
21	In metropolitan statistical area/consolidated metropolitan statistical area—urban
22	In metropolitan statistical area/consolidated metropolitan statistical area—rural

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
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23	In metropolitan statistical area/consolidated metropolitan statistical area—in metropolitan statistical area/primary metropolitan statistical area central city			
24	In metropolitan statistical area/consolidated metropolitan statistical area—not in metropolitan statistical area/primary metropolitan statistical area central city			
25	In metropolitan statistical area/consolidated metropolitan statistical area—not in metropolitan statistical area/primary metropolitan statistical area central city—urban			
26	In metropolitan statistical area/consolidated metropolitan statistical area—not in metropolitan statistical area/primary metropolitan statistical area central city—urban—in urbanized area			
27	In metropolitan statistical area/consolidated metropolitan statistical area—not in metropolitan statistical area/primary metropolitan statistical area central city—urban—not in urbanized area			
28	In metropolitan statistical area/consolidated metropolitan statistical area—not in metropolitan statistical area/primary metropolitan statistical area central city—rural			
30	Not in metropolitan statistical area/consolidated metropolitan statistical area			
31	Not in metropolitan statistical area/consolidated metropolitan statistical area—urban			
32	Not in metropolitan statistical area/consolidated metropolitan statistical area—urban—in urbanized area			
33	Not in metropolitan statistical area/consolidated metropolitan statistical area—urban—not in urbanized area			
34	Not in metropolitan statistical area/consolidated metropolitan statistical area—urban—not in urbanized area—place [10,000 or more population]			
35	Not in metropolitan statistical area/consolidated metropolitan statistical area—urban—not in urbanized area—place [2,500 - 9,999 population]			
36	Not in metropolitan statistical area/consolidated metropolitan statistical area—rural			
40	American Indian reservation and trust land [American Indian reservations (AIR codes 0001-4989) including any trust lands]			
42	Tribal Jurisdiction Statistical Area [Oklahoma only]			
43	Tribal Designated Statistical Area			
44	Alaska Native village statistical area [Alaska only]			

Characteristic Iteration ⁴.....CHARITER 3 16 N

000	Not a characteristic iteration
-----	--------------------------------

Logical Record Number ⁵.....LOGRECNU 6 19 N

Logical Record Part Number ⁶.....LOGRECPN 4 25 N

Total Number of Parts in Record ⁷.....PARTREC 4 29 N

Geographic Area Codes

Alaska Native Regional Corporation ⁸.....ANRC 2 33 A/N

07 Ahtna	28 Bering Straits	49 Chugach	70 Koniag
14 Aleut	35 Bristol Bay	56 Cook Inlet	77 NANA
21 Arctic Slope	42 Calista	63 Doyon	84 Sealaska

American Indian/Alaska Native Area (Census) ⁹.....AIANACE 4 35 A/N

American Indian/Alaska Native Area (FIPS) ¹⁰.....AIANAFP 5 39 A/N

American Indian/Alaska Native Area Class Code.....AIANACC 2 44 A/N

D1	Federally recognized American Indian reservation that does not serve as a minor civil division (MCD) equivalent
D2	Federally recognized American Indian reservation that also serves as an MCD equivalent
D3	American Indian tribal government that holds property in trust—"trust land"—for a tribe or individual member(s) of the tribe, and the trust land(s) is not associated with a specific American Indian reservation or the associated American Indian reservation is not located in this State
D4	State-recognized American Indian reservation that does not serve as an MCD equivalent
D5	State-recognized American Indian reservation that also serves as an MCD equivalent

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type																								
<div style="border: 1px solid black; padding: 5px;"> D6 Tribal designated statistical area (TDSA); tribal jurisdiction statistical area (TJSA) (TJSAs occur only in Oklahoma) E1 Alaska Native village statistical area (ANVSA) that does not coincide with or approximate an incorporated place or a census designated place (CDP) E2 ANVSA that coincides with or approximates a CDP E6 ANVSA that coincides with or approximates an incorporated place </div>																												
American Indian Reservation Trust Land Indicator Code.....	ARTLI	1	46	A/N																								
<div style="border: 1px solid black; padding: 5px;"> 1 American Indian reservation; including Tribal Jurisdiction Statistical Area (TJSA) and Tribal Designated Statistical Area (TDSA) 2 Off-reservation trust land 9 Not an American Indian area </div>																												
Block ^a	BLCK	4	47	A/N																								
Block Group ^a	BLCKGR	1	51	A/N																								
Census Tract/Block Numbering Area ^a	TRACTBNA	6	52	A/N																								
Congressional District (101st Congress) ^a	CONGDIS	2	58	A/N																								
<div style="border: 1px solid black; padding: 5px;"> 01-45 The actual congressional district number 00 Applies to States whose representative is elected "at large"; i.e., the State has only one representative in the United States House of Representatives 98 Applies to areas that have a nonvoting delegate in the United States House of Representatives 99 Applies to areas that have no representation in the United States House of Representatives </div>																												
Consolidated City (Census) ^a	CONCITCE	1	60	A/N																								
<div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">B Butte-Silver Bow, Montana</td> <td style="width: 25%;">I Indianapolis, Indiana</td> <td style="width: 25%;">M Milford, Connecticut</td> <td style="width: 25%;"></td> </tr> <tr> <td>C Columbus, Georgia</td> <td>J Jacksonville, Florida</td> <td>N Nashville-Davidson, Tennessee</td> <td></td> </tr> </table> </div>					B Butte-Silver Bow, Montana	I Indianapolis, Indiana	M Milford, Connecticut		C Columbus, Georgia	J Jacksonville, Florida	N Nashville-Davidson, Tennessee																	
B Butte-Silver Bow, Montana	I Indianapolis, Indiana	M Milford, Connecticut																										
C Columbus, Georgia	J Jacksonville, Florida	N Nashville-Davidson, Tennessee																										
Consolidated City (FIPS) ^{8,10}	CONCITFP	5	61	A/N																								
Consolidated City Class Code ¹⁰	CONCITCC	2	66	A/N																								
<div style="border: 1px solid black; padding: 5px;"> C3 Consolidated city </div>																												
Consolidated City Population Size Code.....	CONCITSC	2	68	A/N																								
<div style="border: 1px solid black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">00 Not in universe</td> <td style="width: 25%;">06 250-299</td> <td style="width: 25%;">12 2,500-4,999</td> <td style="width: 25%;">18 100,000-249,999</td> </tr> <tr> <td>01 0</td> <td>07 300-499</td> <td>13 5,000-9,999</td> <td>19 250,000-499,999</td> </tr> <tr> <td>02 1-24</td> <td>08 500-999</td> <td>14 10,000-19,999</td> <td>20 500,000-999,999</td> </tr> <tr> <td>03 25-99</td> <td>09 1,000-1,499</td> <td>15 20,000-24,999</td> <td>21 1,000,000-2,499,999</td> </tr> <tr> <td>04 100-199</td> <td>10 1,500-1,999</td> <td>16 25,000-49,999</td> <td>22 2,500,000-4,999,999</td> </tr> <tr> <td>05 200-249</td> <td>11 2,000-2,499</td> <td>17 50,000-99,999</td> <td>23 5,000,000 or more</td> </tr> </table> </div>					00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999	01 0	07 300-499	13 5,000-9,999	19 250,000-499,999	02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999	03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999	04 100-199	10 1,500-1,999	16 25,000-49,999	22 2,500,000-4,999,999	05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more
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05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more																									
Consolidated Metropolitan Statistical Area ^a	CMSA	2	70	A/N																								
County ^a	CNTY	3	72	A/N																								

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
County Population Size Code.....	CNTYSC	2	75	A/N

00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999
01 0	07 300-499	13 5,000-9,999	19 250,000-499,999
02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999
03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999
04 100-199	10 1,500-1,999	16 25,000-49,999	22 2,500,000-4,999,999
05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more

County Subdivision (Census) ⁹	COUSUBCE	3	77	A/N
County Subdivision (FIPS) ¹⁰	COUSUBFP	5	80	A/N
County Subdivision Class Code.....	COUSUBCC	2	85	A/N

C2 Incorporated place that also serves as a minor civil division (MCD) equivalent because, although the place is coextensive with an MCD, the Census Bureau, in agreement with State officials, does not recognize that MCD for presenting census data because the MCD cannot provide governmental services (Ohio only)
C5 Incorporated place that also serves as an MCD equivalent because it is not part of an MCD or a county subdivision classified as Z5
C7 Incorporated place that also serves as a county equivalent and an MCD equivalent; generally referred to as an "independent city"
D2 Federally recognized American Indian reservation that also serves as an MCD equivalent
D5 State-recognized American Indian reservation that also serves as an MCD equivalent
T1 Governmentally active minor civil division (MCD) that is not coextensive with an incorporated place
T5 Governmentally active MCD that is coextensive with an incorporated place
Z1 MCD that is governmentally inactive or cannot provide general-purpose governmental services
Z3 Unorganized territory identified by the Census Bureau as an MCD equivalent for presenting census data
Z5 Census county division (CCD); census subarea (CSA) (Alaska only); census subdistrict (Virgin Islands only)
Z7 Incorporated place that the Census Bureau treats as a minor civil division (MCD) equivalent because it is not in any MCD or is coextensive with a legally established but nonfunctioning MCD that the Census Bureau does not recognize for data presentation, AND is located in a State or county whose MCDs cannot provide governmental services (Iowa and Nebraska only)

County Subdivision Population Size Code.....	COUSUBSC	2	87	A/N
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00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999
01 0	07 300-499	13 5,000-9,999	19 250,000-499,999
02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999
03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999
04 100-199	10 1,500-1,999	16 25,000-49,999	22 2,500,000-4,999,999
05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more

Division ⁸	DIVIS	1	89	A/N
-----------------------------	-------	---	----	-----

0 Not in a division	4 West North Central	7 West South Central
1 New England	5 South Atlantic	8 Mountain
2 Middle Atlantic	6 East South Central	9 Pacific
3 East North Central		

Extended City Indicator ⁸	EXTCITIN	1	90	A/N
--	----------	---	----	-----

1 Extended city	9 Not an extended city
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Internal Use Code ¹¹	INTUC	15	91	A/N
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NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area ⁹	MSACMSA	4	106	A/N
MSA/CMSA Population Size Code	MSACMSAS	2	110	A/N

00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999
01 0	07 300-499	13 5,000-9,999	19 250,000-499,999
02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999
03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999
04 100-199	10 1,500-1,999	16 25,000-49,999	22 2,500,000-4,999,999
05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more

Place (Census) ⁹	PLACECE	4	112	A/N
Place (FIPS) ¹⁰	PLACEFP	5	116	A/N
Place Class Code.....	PLACECC	2	121	A/N

- C1 Incorporated place that is governmentally active, is not related to an Alaska Native village statistical area (ANVSA), and does not serve as a minor civil division (MCD) equivalent
 - C2 Incorporated place that also serves as a minor civil division (MCD) equivalent because, although the place is coextensive with an MCD, the Census Bureau, in agreement with State officials, does not recognize that MCD for presenting census data because the MCD cannot provide governmental services (Iowa and Ohio only)
 - C5 Incorporated place that also serves as an MCD equivalent because it is not part of an MCD
 - C6 Incorporated place that coincides with or approximates an ANVSA
 - C7 Incorporated place that also serves as a county equivalent; generally referred to as an "independent city"
 - C8 The portion ("remainder") of a consolidated city that excludes the incorporated place(s) within that jurisdiction
 - C9 Incorporated place whose government is operationally inactive and is not included in any other C subclass
 - M2 Military or Coast Guard installation (or part of an installation) that serves as a census designated place (CDP)
 - U1 CDP with a name that is commonly recognized for the populated area
 - U2 CDP with a name that is not commonly recognized for the populated area (e.g., a combination of the names of two or three commonly recognized communities, or a name that identifies the location of the CDP in relation to an adjacent incorporated place)
 - U9 CDP that coincides with or approximates an ANVSA.
- Note: In Ohio, a multi-county place that has a different MCD relationship in each county is assigned only a single class code of C1, C2, or C5.

Place Description Code	PLACEDC	1	123	A/N
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- 1 Incorporated central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA), but not a central place of an urbanized area (UA)
- 2 Incorporated central place of an urbanized area (UA), but not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- 3 Incorporated central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and a central place of an urbanized area (UA)
- 4 Consolidated city or an incorporated place that is not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and not a central place of an urbanized area (UA)
- 5 Incorporated place, which is the central place of an urbanized area (UA), but only part of which is the central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- 6 Incorporated place, which is not a central place of an urbanized area (UA), but part of which is the central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- A Census designated place (CDP) that is a central place of an urbanized area (UA), but not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- B Census designated place (CDP) that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA), but not a central place of an urbanized area (UA)
- C Census designated place (CDP) that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and a central place of an urbanized area (UA)

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type																																																								
State (FIPS) ⁸	STATEFP	2	133	A/N																																																								
<table border="1"> <tr> <td>01 Alabama</td> <td>17 Illinois</td> <td>31 Nebraska</td> <td>46 South Dakota</td> </tr> <tr> <td>02 Alaska</td> <td>18 Indiana</td> <td>32 Nevada</td> <td>47 Tennessee</td> </tr> <tr> <td>04 Arizona</td> <td>19 Iowa</td> <td>33 New Hampshire</td> <td>48 Texas</td> </tr> <tr> <td>05 Arkansas</td> <td>20 Kansas</td> <td>34 New Jersey</td> <td>49 Utah</td> </tr> <tr> <td>06 California</td> <td>21 Kentucky</td> <td>35 New Mexico</td> <td>50 Vermont</td> </tr> <tr> <td>08 Colorado</td> <td>22 Louisiana</td> <td>36 New York</td> <td>51 Virginia</td> </tr> <tr> <td>09 Connecticut</td> <td>23 Maine</td> <td>37 North Carolina</td> <td>53 Washington</td> </tr> <tr> <td>10 Delaware</td> <td>24 Maryland</td> <td>38 North Dakota</td> <td>54 West Virginia</td> </tr> <tr> <td>11 District of Columbia</td> <td>25 Massachusetts</td> <td>39 Ohio</td> <td>55 Wisconsin</td> </tr> <tr> <td>12 Florida</td> <td>26 Michigan</td> <td>40 Oklahoma</td> <td>56 Wyoming</td> </tr> <tr> <td>13 Georgia</td> <td>27 Minnesota</td> <td>41 Oregon</td> <td>72 Puerto Rico</td> </tr> <tr> <td>15 Hawaii</td> <td>28 Mississippi</td> <td>42 Pennsylvania</td> <td>78 Virgin Islands of the United States</td> </tr> <tr> <td>16 Idaho</td> <td>29 Missouri</td> <td>44 Rhode Island</td> <td></td> </tr> <tr> <td></td> <td>30 Montana</td> <td>45 South Carolina</td> <td></td> </tr> </table>					01 Alabama	17 Illinois	31 Nebraska	46 South Dakota	02 Alaska	18 Indiana	32 Nevada	47 Tennessee	04 Arizona	19 Iowa	33 New Hampshire	48 Texas	05 Arkansas	20 Kansas	34 New Jersey	49 Utah	06 California	21 Kentucky	35 New Mexico	50 Vermont	08 Colorado	22 Louisiana	36 New York	51 Virginia	09 Connecticut	23 Maine	37 North Carolina	53 Washington	10 Delaware	24 Maryland	38 North Dakota	54 West Virginia	11 District of Columbia	25 Massachusetts	39 Ohio	55 Wisconsin	12 Florida	26 Michigan	40 Oklahoma	56 Wyoming	13 Georgia	27 Minnesota	41 Oregon	72 Puerto Rico	15 Hawaii	28 Mississippi	42 Pennsylvania	78 Virgin Islands of the United States	16 Idaho	29 Missouri	44 Rhode Island			30 Montana	45 South Carolina	
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Urban/Rural ⁹	URBANRUR	1	135	A/N																																																								
<table border="1"> <tr> <td>1 Urban</td> <td>2 Rural</td> </tr> </table>					1 Urban	2 Rural																																																						
1 Urban	2 Rural																																																											
Urbanized Area ⁹	URBAREA	4	136	A/N																																																								
Urbanized Area Population Size Code	UASC	2	140	A/N																																																								
<table border="1"> <tr> <td>00 Not in universe</td> <td>06 250-299</td> <td>12 2,500-4,999</td> <td>18 100,000-249,999</td> </tr> <tr> <td>01 0</td> <td>07 300-499</td> <td>13 5,000-9,999</td> <td>19 250,000-499,999</td> </tr> <tr> <td>02 1-24</td> <td>08 500-999</td> <td>14 10,000-19,999</td> <td>20 500,000-999,999</td> </tr> <tr> <td>03 25-99</td> <td>09 1,000-1,499</td> <td>15 20,000-24,999</td> <td>21 1,000,000-2,499,999</td> </tr> <tr> <td>04 100-199</td> <td>10 1,500-1,999</td> <td>16 25,000-49,999</td> <td>22 2,500,000-4,999,999</td> </tr> <tr> <td>05 200-249</td> <td>11 2,000-2,499</td> <td>17 50,000-99,999</td> <td>23 5,000,000 or more</td> </tr> </table>					00 Not in universe	06 250-299	12 2,500-4,999	18 100,000-249,999	01 0	07 300-499	13 5,000-9,999	19 250,000-499,999	02 1-24	08 500-999	14 10,000-19,999	20 500,000-999,999	03 25-99	09 1,000-1,499	15 20,000-24,999	21 1,000,000-2,499,999	04 100-199	10 1,500-1,999	16 25,000-49,999	22 2,500,000-4,999,999	05 200-249	11 2,000-2,499	17 50,000-99,999	23 5,000,000 or more																																
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Special Area Code (1)	SAC1	5	142	A/N																																																								
Special Area Code (2)	SAC2	5	147	A/N																																																								
Special Area Code (3)	SAC3	4	152	A/N																																																								
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Special Area Code (5)	SAC5	3	160	A/N																																																								
Special Area Code (6)	SAC6	3	163	A/N																																																								
Special Area Code (7)	SAC7	2	166	A/N																																																								
Special Area Code (8)	SAC8	2	168	A/N																																																								
Special Area Code (9)	SAC9	1	170	A/N																																																								
Special Area Code (10)	SAC10	1	171	A/N																																																								
Area Characteristics																																																												
Area (land) ¹²	AREALAND	10	172	A/N																																																								
Area (water) ¹³	AREAWAT	10	182	A/N																																																								
Area Name/PSAD Term/ Part Indicator ¹⁴	ANPSADPI	66	192	A/N																																																								

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
Functional Status Code.....	FUNCSTAT	1	258	A/N

- A Active governmental unit, except American Indian reservations and Alaska Native village statistical areas. — An active governmental unit has the legal capacity to have officers, to raise revenue, and to conduct governmental activities under State laws, and currently is doing so.
- B Functioning governmental unit providing no substantive governmental services. — These areas may be coextensive with and administered by officials of another governmental unit (such as towns in Connecticut that are coextensive with cities), or the number of officials and/or the functions they perform are so minimal and/or vestigial that the Census Bureau does not recognize them as governmental units for census purposes (such as townships in Iowa).
- F False entity. — In order to maintain complete coverage of every State at the county level and of every county at the county subdivision level, we create false entities at these levels for any place that is independent of a county or independent of a minor civil division (MCD). This code also is used for place records that represent the remainder of a consolidated city or the remainder of a county subdivision.
- I Inactive governmental unit. — An inactive governmental unit has the legal capacity to be active, but currently has no legal officers, raises no revenues, and conducts no activities.
- N Nonfunctioning governmental unit. — A nonfunctioning governmental unit has legally established boundaries, but has no legal capacity to conduct governmental activity.
- R An American Indian reservation, an American Indian tribe whose name is associated with trust lands, or an Alaska Native village statistical area.
- S Statistical entity, except Alaska Native village statistical areas and tribal jurisdiction statistical areas. — A statistical entity has no governmental status and is defined by or in cooperation with the Census Bureau or other Federal agency. This category includes census regions, census divisions, census county divisions (CCDs), census designated places (CDPs), metropolitan areas (MSA/CMSA/PMSAs), urbanized areas (UAs), unorganized territories (UTs), tribal designated statistical areas (TDSAs), census areas and census subareas in Alaska, and comunidades and zonas urbanas in Puerto Rico.
- T Tribal jurisdiction statistical area.— A tribal jurisdiction statistical area (TJSA) is not a legally defined governmental unit, but is recognized as a statistical area for the 1990 census. These areas exist only in the State of Oklahoma and were not recognized separately in 1980.

Geographic Change User Note Indicator.....	GCUNI	1	259	A/N
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- 0 No geographic change note for the area within the summary level
- 1 See User Notes for a geographic change note

Housing Unit Count (100 percent) ¹⁵	HU100	9	260	A/N
Internal Point (latitude) ¹⁶	INTPTLAT	9	269	A/N
Internal Point (longitude) ¹⁷	INTPTLNG	10	278	A/N
Part Flag.....	PARTFLAG	1	288	A/N

- 0 Not a part
- 1 Part

Political/Statistical Area Description Code.....	PSADC	2	289	A/N
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- 01 State or State equivalent—no status is appended to the name of the entity in census publications and related data products.
- 04 Borough—county equivalent in Alaska; "Borough" is appended to the name of the entity in census publications and related data products.
- 05 Census area—county equivalent in Alaska; "Census Area" is appended to the name of the entity in census publications and related data products.
- 06 County—"County" is appended to the name of the entity in census publications and related data products.
- 08 Independent city—county equivalent in Maryland, Missouri, and Virginia; "city" is appended to the name of the entity in census publications and related data products.
- 09 Independent city—county equivalent in Nevada; no status is appended to the name of the entity in census publications and related data products.

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
10	Island—county equivalent in Virgin Islands of the United States; "Island" is appended to the name of the entity in census publications and related data products.			
13	Municipio—county equivalent in Puerto Rico; "Municipio" is appended to the name of the entity in census publications and related data products.			
14	(none)—county equivalent; used at county level for the District of Columbia and Yellowstone National Park (Montana). No status is appended to the name of the entity in census publications and related data products.			
15	Parish—county equivalent in Louisiana; "Parish" is appended to the name of the entity in census publications and related data products.			
19	American Indian reservation—minor civil division (MCD) in Maine and New York; "Reservation" is appended to the name of the entity in census publications and related data products.			
20	Barrio—minor civil division (MCD) in Puerto Rico; "barrio" is appended to the name of the entity in census publications and related data products.			
21	Borough—minor civil division (MCD) in New York; MCD equivalent in New Jersey and Pennsylvania; "borough" is appended to the name of the entity in census publications and related data products.			
22	Census county division (CCD)—minor civil division (MCD) equivalent in 21 States; "division" is appended to the name of the entity in census publications and related data products.			
23	Census subarea—minor civil division (MCD) equivalent in Alaska; "census subarea" is appended to the name of the entity in census publications and related data products.			
24	Census subdistrict—minor civil division (MCD) equivalent in the Virgin Islands of the United States; "subdistrict" is appended to the name of the entity in census publications and related data products.			
25	City—minor civil division (MCD) equivalent in 20 States; "city" is appended to the name of the entity in census publications and related data products.			
27	District (magisterial, road)—minor civil division (MCD) in Pennsylvania, Virginia, and West Virginia; "district" is appended to the name of the entity in census publications and related data products.			
28	District (assessment, election, magisterial, supervisors', or parish governing authority)—minor civil division (MCD) in Louisiana, Maryland, Mississippi, and West Virginia; no status is appended to the name of the entity in census publications and related data products.			
29	Election precinct—minor civil division (MCD) in Illinois and Nebraska; "precinct" is appended to the name of the entity in census publications and related data products.			
30	Election precinct—minor civil division (MCD) in Illinois and Nebraska; no status is appended to the name of the entity in census publications and related data products.			
31	Gore—minor civil division (MCD) in Maine and Vermont; "gore" is appended to the name of the entity in census publications and related data products.			
32	Grant—minor civil division (MCD) in New Hampshire and Vermont; "grant" is appended to the name of the entity in census publications and related data products.			
33	Independent city—minor civil division (MCD) equivalent in Maryland, Missouri, and Virginia; "city" is appended to the name of the entity in census publications and related data products.			
34	Independent city—minor civil division (MCD) equivalent in Nevada; no status is appended to the name of the entity in census publications and related data products.			
36	Location—minor civil division (MCD) in New Hampshire; "location" is appended to the name of the entity in census publications and related data products.			
38	(none)—minor civil division (MCD) equivalent for District of Columbia and Arlington County, Virginia; no status is appended to the name of the entity in census publications and related data products.			
39	Plantation—minor civil division (MCD) in Maine; "plantation" is appended to the name of the entity in census publications and related data products.			
40	Plantation—minor civil division (MCD) in Maine; no status is appended to the name of the entity in census publications and related data products.			
41	Barrio-pueblo—minor civil division (MCD) in Puerto Rico; "barrio-pueblo" is appended to the name of the entity in census publications and related data products.			
42	Purchase—minor civil division (MCD) in New Hampshire; "purchase" is appended to the name of the entity in census publications and related data products.			
43	Town—minor civil division (MCD) in 8 States; MCD equivalent in New Jersey, Pennsylvania, and South Dakota; "town" is appended to the name of the entity in census publications and related data products.			
44	Township—minor civil division (MCD) in 16 States; "township" is appended to the name of the entity in census publications and related data products.			
45	Township—minor civil division (MCD) in Kansas, Nebraska, and North Carolina; no status is appended to the name of the entity in census publications and related data products.			

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
46	Unorganized territory—minor civil division (MCD) in 9 States; "unorg." is appended to the name of the entity in census publications and related data products.			
47	Village—minor civil division (MCD) equivalent in New Jersey, Ohio, South Dakota, and Wisconsin; "village" is appended to the name of the entity in census publications and related data products.			
51	Subbarrio—sub-minor civil division (sub-MCD) in Puerto Rico; "subbarrio" is appended to the name of the entity in census publications and related data products.			
55	Comunidad—place (census designated place) in Puerto Rico; "comunidad" is appended to the name of the entity in census publications and related data products.			
56	Borough—place in Connecticut, New Jersey, and Pennsylvania; "borough" is appended to the name of the entity in census publications and related data products.			
57	Census designated place—place; "CDP" is appended to the name of the entity in census publications and related data products.			
58	City—place; "city" is appended to the name of the entity in census publications and related data products.			
59	City—place; used for some cities that have a unique description, no description, or a description included with their name, as follows: Anaconda-Deer Lodge County (Montana): incorporated municipality; Butte-Silver Bow (remainder) (Montana): (none); Carson City, Nevada: (none); Columbus city (remainder) (Georgia): (none); Indianapolis city (remainder) (Indiana): (none); Jacksonville city (remainder) (Florida): (none); Lexington-Fayette (Kentucky): Urban County Government; Lynchburg-Moore County (Tennessee): (none); Milford city (remainder) (Connecticut): (none); Nashville-Davidson (remainder) (Tennessee): "Metropolitan Government of Nashville and Davidson County"; No status is appended to the name of the entity in census publications and related data products.			
60	Town—place; place in 30 States and the Virgin Islands of the United States; "town" is appended to the name of the entity in census publications and related data products.			
61	Village—place; place in 19 States; "village" is appended to the name of the entity in census publications and related data products.			
62	Zona urbana—place (census designated place) in Puerto Rico; "zona urbana" is appended to the name of the entity in census publications and related data products.			
65	Consolidated city in Connecticut, Florida, Georgia, and Indiana—"city" is appended to the name of the entity in census publications and related data products.			
66	Consolidated city—used for some consolidated cities that have unique descriptions or no descriptions, as follows: Butte-Silver Bow (Montana): (none); Nashville-Davidson (Tennessee): "Metropolitan Government of Nashville and Davidson County"; No status is appended to the name of the entity in census publications and related data products.			
68	Census region—no status is appended to the name of the entity in census publications and related data products.			
69	Census division—no status is appended to the name of the entity in census publications and related data products.			
71	Consolidated metropolitan statistical area (CMSA)—"CMSA" is appended to the name of the entity in census publications and related data products.			
72	Metropolitan statistical area (MSA)—"MSA" is appended to the name of the entity in census publications and related data products.			
73	Primary metropolitan statistical area (PMSA)—"PMSA" is appended to the name of the entity in census publications and related data products.			
75	Urbanized area (UA)—no status is appended to the name of the entity in census publications and related data products.			
77	Alaska Native Regional Corporation—no status is appended to the name of the entity in census publications and related data products.			
79	Alaska Native village statistical area—no status is appended to the name of the entity in census publications and related data products.			
80	Tribal designated statistical area—American Indian reservation equivalent for non-land-based tribes outside of Oklahoma; "TDSA" is appended to the name of the entity in census publications and related data products.			
81	Colony—American Indian reservation; "Colony" is appended to the name of the entity in census publications and related data products.			
82	Community—American Indian reservation; "Community" is appended to the name of the entity in census publications and related data products.			

NOTE: See footnotes at the end of this section.

IDENTIFICATION SECTION—Con.

Field name	Data dictionary reference name	Field size	Starting position	Data type
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| 83 | Joint area—American Indian reservation equivalent; "joint area" is appended to the name of the entity in census publications and related data products. |
| 84 | Pueblo—American Indian reservation; "Pueblo" is appended to the name of the entity in census publications and related data products. |
| 85 | Rancheria—American Indian reservation; "Rancheria" is appended to the name of the entity in census publications and related data products. |
| 86 | Reservation—American Indian reservation; "Reservation" is appended to the name of the entity in census publications and related data products. |
| 87 | Reserve—American Indian reservation; "Reserve" is appended to the name of the entity in census publications and related data products. |
| 88 | Tribal jurisdiction statistical area—American Indian reservation equivalent representing historic tribal areas in Oklahoma; "TJSA" is appended to the name of the entity in census publications and related data products. |
| 89 | Trust lands—American Indian reservation equivalent; no status is appended to the name of the entity in census publications and related data products. |
| 90 | (none)—American Indian reservation; no status is appended to the name of the entity in census publications and related data products. |

Population Count (100 percent) ¹⁸	POP100	9	291	A/N
Special Flag.....	SPFLAG	1	300	A/N

Footnotes

1. A unique identifier for each file series. Dress rehearsal files have a "D" in the character following the last character in the file identification code for the equivalent 1990 decennial census file; for example, PL94171D is the identifier for the dress rehearsal file for the P.L. 94-171 data. File identification code for the P.L. 94-171 file is PL94171. File identification codes for summary tape files are STFnn where nn = file number; for example, STF1A is the identification for Summary Tape File 1A. File identification codes for subject summary tape files are SSTFnn where nn = the number of the subject report. File identification codes for special project files are identified by SPmmm where mmm = a three digit special project number. See How to Use This File for further information.
2. Identifies the geographic level for which the data matrices on the summary tape file have been summarized. The summary level sequence chart describes the hierarchical arrangement of the specified geographic areas with other geographic areas, if any. The summary level must be used in combination with the geographic area codes to identify a specific geographic area (for example, summary level 050 and a specific county code must be used together to locate the data for a particular county). See How to Use This File for further information.
3. Indicates an iteration (repetition), for the specified summary level, of the data matrices on the summary tape file for the geographic components listed in the Geographic Component field. See How To Use This File for further information.
4. Indicates an iteration (repetition), for the specified summary level, of the data matrices on the summary tape file for a population or housing characteristic. Only matrices containing a "B" in the prefix have characteristic iterations. See How to Use This File for further information.
5. The logical record is the complete record [identification and set of tables (matrices)] for a geographic entity defined by the summary level, but exclusive of the characteristic iteration. A logical record may have one or more parts (or segments). Each logical record has an assigned sequential integer number within the file. See How to Use This File for further information.
6. Within the logical record, each part is identified uniquely in terms of its sequence. See How to Use This File for further information.
7. This field identifies how many parts (or segments) comprise the entire logical record. See How to Use This File for further information.
8. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.

IDENTIFICATION SECTION—Con.

9. See the publication, *Geographic Identification Code Scheme*, for codes in this field and related terminology if it is applicable to this file. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
10. See the publication, *Geographic Identification Code Scheme*, for FIPS 55 codes in this field and related terminology if it is applicable to this file. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
11. Codes in unspecified arrangement for Census Bureau use.
12. Land area measurement in thousandths (.001) of a square kilometer. The accuracy of the area measurement is limited by the inaccuracy inherent in 1) the mapping of the various boundary features in the TIGER File and 2) rounding affecting the last digit in all operations that compute and/or sum the area measurements. Land area includes intermittent water and glaciers, which appear on census maps and in the TIGER File as hydrographic features. An area of .0005 square kilometer is rounded to .001; an area smaller than .0005 is rounded to .000. The decimal point is implied on the file. Square miles can be derived by dividing square kilometers by 2.59. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
13. Water area measurement in thousandths (.001) of a square kilometer. Water area is excluded from census blocks by definition, so the water area for a block always will be zero. The accuracy of the area measurement is limited by the inaccuracy inherent in 1) the mapping of the various boundary features in the TIGER File and 2) rounding affecting the last digit in all operations that compute and/or sum the area measurements. Water area excludes intermittent water and glaciers, which are treated as land even though they appear on census maps and in the TIGER File as hydrographic features. An area of .0005 square kilometer is rounded to .001; an area smaller than .0005 is rounded to .000. The decimal point is implied on the file. Square miles can be derived by dividing square kilometers by 2.59. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
14. Name of the lowest-level entity represented by the summary level. In addition to the name of the entity, the name field contains the political/statistical area description (PSAD) when appropriate, and sometimes contains the State abbreviation.

For legal entities, the name is the one reported to the Bureau of the Census in the Boundary and Annexation Survey and by other appropriate sources; for statistical entities, the name is determined by the Office of Management and Budget for metropolitan areas and, for other areas, the name is determined by the Bureau of the Census, usually in cooperation with local officials.

When the summary level represents only part of the area specified in the name, the name usually will have "(pt.)" appended to the name/code terminology to designate that this entry for the entity represents only a part of the total entity.
15. The total number of housing units enumerated in the specified summary level as determined in the 100-percent processing.
16. Latitude in degrees, to six decimal places, of a point within the geographic area represented by the summary level. The decimal point is implied on the file. The character immediately preceding the first digit of the latitude of an internal point identifies the direction (hemisphere): a plus sign (+) indicates the Northern Hemisphere; a minus sign (-) indicates the Southern Hemisphere. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
17. Longitude in degrees, to six decimal places, of a point within the geographic area represented by the summary level. The decimal point is implied on the file. The character immediately preceding the first digit of the longitude of an internal point identifies the direction (hemisphere): a plus sign (+) indicates the Eastern Hemisphere; a minus sign (-) indicates the Western Hemisphere. A point on the 180th meridian is assigned to the Western Hemisphere (-180000000). See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
18. The total number of persons enumerated in the specified summary level as determined in the 100-percent processing.

TABLE (MATRIX) SECTION

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P1.	PERSONS(1) [1] <i>Universe: Persons</i> Total	301	301	1
P2.	UNWEIGHTED SAMPLE COUNT OF PERSONS(1) [1] <i>Universe: Persons</i> Total	310	310	1
P3.	100-PERCENT COUNT OF PERSONS(1) [1] <i>Universe: Persons</i> Total	319	319	1
P3A.	PERCENT OF PERSONS IN SAMPLE(1) [1] 1 implied decimal(s) <i>Universe: Persons</i> Total	328	328	1
P4.	FAMILIES(1) [1] <i>Universe: Families</i> Total	337	337	1
P5.	HOUSEHOLDS(1) [1] <i>Universe: Households</i> Total	346	346	1
P6.	URBAN AND RURAL(4) [4] <i>Universe: Persons</i> Urban: Inside urbanized area	355	355	1
	Outside urbanized area	364	364	2
	Rural: Farm	373	373	3
	Nonfarm	382	382	4
P7.	SEX(2) [2] <i>Universe: Persons</i> Male	391	391	1
	Female	400	400	2
P8.	AGE(31) [31] <i>Universe: Persons</i> Under 1 year	409	409	1
	1 and 2 years	418	418	2
	3 and 4 years	427	427	
	5 years	436	436	4
	6 years	445	445	5
	7 to 9 years	454	454	6
	10 and 11 years	463	463	7
	12 and 13 years	472	472	8
	14 years	481	481	9
	15 years	490	490	10
	16 years	499	499	11
	17 years	508	508	12
	18 years	517	517	13
	19 years	526	526	14
	20 years	535	535	15
	21 years	544	544	16
	22 to 24 years	553	553	17
	25 to 29 years	562	562	18
	30 to 34 years	571	571	19
	35 to 39 years	580	580	20
	40 to 44 years	589	589	21
	45 to 49 years	598	598	22

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P8.	AGE(31) [31]—Con.			
	50 to 54 years.....	607.....	607.....	23
	55 to 59 years.....	616.....	616.....	24
	60 and 61 years.....	625.....	625.....	25
	62 to 64 years.....	634.....	634.....	26
	65 to 69 years.....	643.....	643.....	27
	70 to 74 years.....	652.....	652.....	28
	75 to 79 years.....	661.....	661.....	29
	80 to 84 years.....	670.....	670.....	30
	85 years and over.....	679.....	679.....	31
P9.	SEX(2) BY AGE(31) [62] <i>Universe: Persons</i>			
	Male:			
	Under 1 year.....	688.....	688.....	1,1
	1 and 2 years.....	697.....	697.....	1,2
	3 and 4 years.....	706.....	706.....	1,3
	5 years.....	715.....	715.....	1,4
	6 years.....	724.....	724.....	1,5
	7 to 9 years.....	733.....	733.....	1,6
	10 and 11 years.....	742.....	742.....	1,7
	12 and 13 years.....	751.....	751.....	1,8
	14 years.....	760.....	760.....	1,9
	15 years.....	769.....	769.....	1,10
	16 years.....	778.....	778.....	1,11
	17 years.....	787.....	787.....	1,12
	18 years.....	796.....	796.....	1,13
	19 years.....	805.....	805.....	1,14
	20 years.....	814.....	814.....	1,15
	21 years.....	823.....	823.....	1,16
	22 to 24 years.....	832.....	832.....	1,17
	25 to 29 years.....	841.....	841.....	1,18
	30 to 34 years.....	850.....	850.....	1,19
	35 to 39 years.....	859.....	859.....	1,20
	40 to 44 years.....	868.....	868.....	1,21
	45 to 49 years.....	877.....	877.....	1,22
	50 to 54 years.....	886.....	886.....	1,23
	55 to 59 years.....	895.....	895.....	1,24
	60 and 61 years.....	904.....	904.....	1,25
	62 to 64 years.....	913.....	913.....	1,26
	65 to 69 years.....	922.....	922.....	1,27
	70 to 74 years.....	931.....	931.....	1,28
	75 to 79 years.....	940.....	940.....	1,29
	80 to 84 years.....	949.....	949.....	1,30
	85 years and over.....	958.....	958.....	1,31
	Female:			
	(Repeat AGE).....	967.....	967.....	2,1
P10.	PERSONS IN HOUSEHOLD(7) [7] <i>Universe: Households</i>			
	1 person.....	1246.....	1246.....	1
	2 persons.....	1255.....	1255.....	2
	3 persons.....	1264.....	1264.....	3
	4 persons.....	1273.....	1273.....	4
	5 persons.....	1282.....	1282.....	5
	6 persons.....	1291.....	1291.....	6
	7 or more persons.....	1300.....	1300.....	7

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P11.	HOUSEHOLD TYPE AND RELATIONSHIP(14) [14] <i>Universe: Persons</i>			
	In family households:			
	Householder.....	1309	1309.....	1
	Spouse	1318	1318.....	2
	Child:			
	Natural-born or adopted	1327	1327.....	3
	Step.....	1336	1336.....	4
	Grandchild.....	1345	1345.....	5
	Other relatives	1354	1354.....	6
	Nonrelatives	1363	1363.....	7
	In nonfamily households:			
	Male householder:			
	Living alone	1372	1372.....	8
	Not living alone.....	1381	1381.....	9
	Female householder:			
	Living alone	1390	1390.....	10
	Not living alone.....	1399	1399.....	11
	Nonrelatives	1408	1408.....	12
	In group quarters:			
	Institutionalized persons.....	1417	1417.....	13
	Other persons in group quarters.....	1426	1426.....	14
P12.	HOUSEHOLD TYPE AND RELATIONSHIP(11) [11] <i>Universe: Persons 65 years and over</i>			
	In family households:			
	Householder.....	1435	1435.....	1
	Spouse	1444	1444.....	2
	Other relatives	1453	1453.....	3
	Nonrelatives	1462	1462.....	4
	In nonfamily households:			
	Male householder:			
	Living alone	1471	1471.....	5
	Not living alone.....	1480	1480.....	6
	Female householder:			
	Living alone	1489	1489.....	7
	Not living alone.....	1498	1498.....	8
	Nonrelatives	1507	1507.....	9
	In group quarters:			
	Institutionalized persons.....	1516	1516.....	10
	Other persons in group quarters.....	1525	1525.....	11
P13.	HOUSEHOLD TYPE AND PRESENCE AND AGE OF CHILDREN(7) [7] <i>Universe: Households</i>			
	Family households:			
	Married-couple family:			
	With own children under 18 years.....	1534	1534.....	1
	No own children under 18 years	1543	1543.....	2
	Other family:			
	Male householder, no wife present:			
	With own children under 18 years.....	1552	1552.....	3
	No own children under 18 years	1561	1561.....	4
	Female householder, no husband present:			
	With own children under 18 years.....	1570	1570.....	5
	No own children under 18 years	1579	1579.....	6
	Nonfamily households.....	1588	1588.....	7

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P14.	FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(6) [6] <i>Universe: Families</i>			
	Married-couple family:			
	With children 18 years and over	1597.....	1597	1
	No children 18 years and over.....	1606.....	1606	2
	Other family:			
	Male householder, no wife present:			
	With children 18 years and over.....	1615.....	1615	3
	No children 18 years and over.....	1624.....	1624	4
	Female householder, no husband present:			
	With children 18 years and over.....	1633.....	1633	5
	No children 18 years and over.....	1642.....	1642	6
P15.	FAMILY TYPE AND AGE OF CHILDREN(21) [21] <i>Universe: Own children under 18 years</i>			
	In married-couple family:			
	Under 3 years	1651.....	1651	1
	3 and 4 years	1660.....	1660	2
	5 years.....	1669.....	1669	3
	6 to 11 years	1678.....	1678	4
	12 and 13 years	1687.....	1687	5
	14 years.....	1696.....	1696	6
	15 to 17 years	1705.....	1705	7
	In other family:			
	Male householder, no wife present:			
	Under 3 years.....	1714.....	1714	8
	3 and 4 years.....	1723.....	1723	9
	5 years.....	1732.....	1732	10
	6 to 11 years.....	1741.....	1741	11
	12 and 13 years.....	1750.....	1750	12
	14 years.....	1759.....	1759	13
	15 to 17 years.....	1768.....	1768	14
	Female householder, no husband present:			
	Under 3 years.....	1777.....	1777	15
	3 and 4 years.....	1786.....	1786	16
	5 years.....	1795.....	1795	17
	6 to 11 years.....	1804.....	1804	18
	12 and 13 years.....	1813.....	1813	19
	14 years.....	1822.....	1822	20
	15 to 17 years.....	1831.....	1831	21
P16.	HOUSEHOLD TYPE(2) BY AGE OF HOUSEHOLDER(7) [14] <i>Universe: Households</i>			
	Family households:			
	15 to 24 years	1840.....	1840	1,1
	25 to 34 years	1849.....	1849	1,2
	35 to 44 years	1858.....	1858	1,3
	45 to 54 years	1867.....	1867	1,4
	55 to 64 years	1876.....	1876	1,5
	65 to 74 years	1885.....	1885	1,6
	75 years and over.....	1894.....	1894	1,7
	Nonfamily households: (Repeat AGE OF HOUSEHOLDER).....	1903.....	1903	2,1
P17.	SUBFAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(4) [4] <i>Universe: Subfamilies</i>			
	Married-couple subfamily:			
	With own children under 18 years	1966.....	1966	1
	No own children under 18 years.....	1975.....	1975	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P17.	SUBFAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(4) [4]—Con.			
	Mother-child subfamily.....	1984	1984.....	3
	Father-child subfamily.....	1993	1993.....	4
P18.	SUBFAMILY TYPE AND RELATIONSHIP(7) [7]			
	<i>Universe: Persons in subfamilies</i>			
	<i>Persons in married-couple subfamily:</i>			
	Reference person.....	2002	2002.....	1
	Spouse	2011	2011.....	2
	Child	2020	2020.....	3
	<i>Persons in mother-child subfamily:</i>			
	Parent.....	2029	2029.....	4
	Child	2038	2038.....	5
	<i>Persons in father-child subfamily:</i>			
	Parent.....	2047	2047.....	6
	Child	2056	2056.....	7
P19.	SEX(2) BY MARITAL STATUS(8) [16]			
	<i>Universe: Persons 15 years and over</i>			
	<i>Male:</i>			
	Never married	2065	2065.....	1,1
	<i>Now married:</i>			
	<i>Married, spouse present:</i>			
	Consensually married.....	2074	2074.....	1,2
	Other.....	2083	2083.....	1,3
	<i>Married, spouse absent:</i>			
	Separated.....	2092	2092.....	1,4
	Consensually married.....	2101	2101.....	1,5
	Other.....	2110	2110.....	1,6
	Widowed.....	2119	2119.....	1,7
	Divorced.....	2128	2128.....	1,8
	<i>Female:</i>			
	(Repeat MARITAL STATUS)	2137	2137.....	2,1
P20.	SEX(2) BY AGE(2) BY ABILITY TO READ AND WRITE(2) [8]			
	<i>Universe: Persons 10 years and over</i>			
	<i>Male:</i>			
	<i>Persons 10 to 17 years:</i>			
	Able to read and write.....	2209	2209.....	1,1,1
	Unable to read and write.....	2218	2218.....	1,1,2
	<i>Persons 18 years and over:</i>			
	(Repeat ABILITY TO READ AND WRITE).....	2227	2227.....	1,2,1
	<i>Female:</i>			
	(Repeat AGE By ABILITY TO READ AND WRITE).....	2245	2245.....	2,1,1
P21.	SEX(2) BY AGE(4) BY ABILITY TO SPEAK SPANISH AND ENGLISH(6) [48]			
	<i>Universe: Persons 5 years and over</i>			
	<i>Male:</i>			
	<i>5 to 17 years:</i>			
	<i>Able to speak Spanish:</i>			
	Speak English easily.....	2281	2281.....	1,1,1
	Speak English with difficulty.....	2290	2290.....	1,1,2
	Unable to speak English.....	2299	2299.....	1,1,3
	<i>Unable to speak Spanish:</i>			
	Speak English easily.....	2308	2308.....	1,1,4
	Speak English with difficulty.....	2317	2317.....	1,1,5
	Unable to speak English.....	2326	2326.....	1,1,6
	<i>18 to 44 years:</i>			
	(Repeat ABILITY TO SPEAK SPANISH AND ENGLISH).....	2335	2335.....	1,2,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P21.	SEX(2) BY AGE(4) BY ABILITY TO SPEAK SPANISH AND ENGLISH(6) [48]—Con.			
	45 to 64 years: (Repeat ABILITY TO SPEAK SPANISH AND ENGLISH).....	2389.....	2389.....	1,3,1
	65 years and over: (Repeat ABILITY TO SPEAK SPANISH AND ENGLISH).....	2443.....	2443.....	1,4,1
	Female: (Repeat AGE By ABILITY TO SPEAK SPANISH AND ENGLISH)	2497.....	2497.....	2,1,1
P22.	YEAR OF ENTRY(21) [21]			
	<i>Universe: Persons</i>			
	Born in Puerto Rico.....	2713.....	2713.....	1
	Born in the United States, other U.S. outlying area, or abroad of American parent(s):			
	1987 to 1990	2722.....	2722.....	2
	1985 or 1986	2731.....	2731.....	3
	1982 to 1984	2740.....	2740.....	4
	1980 or 1981	2749.....	2749.....	5
	1975 to 1979	2758.....	2758.....	6
	1970 to 1974	2767.....	2767.....	7
	1965 to 1969	2776.....	2776.....	8
	1960 to 1964	2785.....	2785.....	9
	1950 to 1959	2794.....	2794.....	10
	Before 1950.....	2803.....	2803.....	11
	Foreign born:			
	1987 to 1990	2812.....	2812.....	12
	1985 or 1986	2821.....	2821.....	13
	1982 to 1984	2830.....	2830.....	14
	1980 or 1981	2839.....	2839.....	15
	1975 to 1979	2848.....	2848.....	16
	1970 to 1974	2857.....	2857.....	17
	1965 to 1969	2866.....	2866.....	18
	1960 to 1964	2875.....	2875.....	19
	1950 to 1959	2884.....	2884.....	20
	Before 1950.....	2893.....	2893.....	21
P23.	AGE(2) BY CITIZENSHIP(3) [6]			
	<i>Universe: Persons</i>			
	Under 18 years:			
	Native	2902.....	2902.....	1,1
	Foreign born:			
	Naturalized citizen	2911.....	2911.....	1,2
	Not a citizen	2920.....	2920.....	1,3
	18 years and over: (Repeat CITIZENSHIP).....	2929.....	2929.....	2,1
P24.	MARITAL STATUS(2) BY AGE(4) [8]			
	<i>Universe: Females 15 years and over</i>			
	Never married:			
	15 to 24 years	2956.....	2956.....	1,1
	25 to 34 years	2965.....	2965.....	1,2
	35 to 44 years	2974.....	2974.....	1,3
	45 years and over	2983.....	2983.....	1,4
	Ever married: (Repeat AGE).....	2992.....	2992.....	2,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P25.	AGGREGATE NUMBER OF CHILDREN EVER BORN(1) BY MARITAL STATUS(2) BY AGE(4) [8] <i>Universe: Females 15 years and over</i> Total:			
	Never married:			
	15 to 24 years.....	3028	3028	1,1,1
	25 to 34 years.....	3037	3037	1,1,2
	35 to 44 years.....	3046	3046	1,1,3
	45 years and over.....	3055	3055	1,1,4
	Ever married: (Repeat AGE)	3064	3064	1,2,1
P26.	SEX(2) BY GROUP QUARTERS(10) [20] <i>Universe: Persons in group quarters</i> Male:			
	Institutionalized persons (00I-99I):			
	Correctional institutions (20I-24I, 27I, 28I, 95I)	3100	3100	1,1
	Nursing homes (60I-67I)	3109	3109	1,2
	Mental (Psychiatric) hospitals (45I-48I)	3118	3118	1,3
	Juvenile institutions (01I-05I, 10I-12I, 15I)	3127	3127	1,4
	Other institutions (00I, 06I-09I, 13I, 14I, 16I-19I, 25I, 26I, 29I-44I, 49I-59I, 68I-94I, 96I-99I)	3136	3136	1,5
	Other persons in group quarters (00N-99N):			
	College dormitories (87N)	3145	3145	1,6
	Military quarters (96N-98N)	3154	3154	1,7
	Emergency shelters for homeless persons (82N, 83N).....	3163	3163	1,8
	Visible in street locations (84N, 85N)	3172	3172	1,9
	Other noninstitutional group quarters (00N-81N, 86N, 88N-95N, 99N).....	3181	3181	1,10
	Female: (Repeat GROUP QUARTERS)	3190	3190	2,1
P27.	GROUP QUARTERS(2) BY AGE(3) [6] <i>Universe: Persons in group quarters</i> Institutionalized persons:			
	Under 18 years.....	3280	3280	1,1
	18 to 64 years.....	3289	3289	1,2
	65 years and over	3298	3298	1,3
	Other persons in group quarters: (Repeat AGE)	3307	3307	2,1
P28.	SEX(2) BY PLACE OF BIRTH AND CITIZENSHIP(7) [14] <i>Universe: Persons</i> Male:			
	Born in Puerto Rico:			
	In municipio of residence.....	3334	3334	1,1
	In different municipio	3343	3343	1,2
	Born in the United States.....	3352	3352	1,3
	Born in U.S. outlying area.....	3361	3361	1,4
	Born abroad of American parent(s)	3370	3370	1,5
	Born elsewhere:			
	Naturalized citizen.....	3379	3379	1,6
	Not a citizen.....	3388	3388	1,7
	Female: (Repeat PLACE OF BIRTH AND CITIZENSHIP)	3397	3397	2,1
P29.	PLACE OF BIRTH AND PARENTS' PLACE OF BIRTH(7) [7] <i>Universe: Persons</i> Persons born in Puerto Rico:			
	Both parents born in Puerto Rico.....	3460	3460	1
	Only one parent born in Puerto Rico	3469	3469	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P29.	PLACE OF BIRTH AND PARENTS' PLACE OF BIRTH(7) [7]—Con.			
	Both parents born outside Puerto Rico.....	3478.....	3478.....	3
	Persons born in the United States:			
	Both parents born in Puerto Rico.....	3487.....	3487.....	4
	Only one parent born in Puerto Rico.....	3496.....	3496.....	5
	Both parents born outside Puerto Rico.....	3505.....	3505.....	6
	Persons born elsewhere.....	3514.....	3514.....	7
P30.	RESIDENCE IN 1985—PUERTO RICO AND MUNICIPIO LEVEL(6) [6]			
	<i>Universe: Persons 5 years and over</i>			
	Same house in Puerto Rico in 1985.....	3523.....	3523.....	1
	Different house in Puerto Rico in 1985:			
	Same municipio.....	3532.....	3532.....	2
	Different municipio.....	3541.....	3541.....	3
	In the United States in 1985:			
	New York.....	3550.....	3550.....	4
	Other State.....	3559.....	3559.....	5
	Elsewhere in 1985.....	3568.....	3568.....	6
P31.	RESIDENCE IN 1985—MSA/PMSA LEVEL IN PUERTO RICO(15) [15]			
	<i>Universe: Persons 5 years and over</i>			
	Living in an MSA/PMSA in 1990:			
	Same house in Puerto Rico in 1985:			
	Central city of the MSA/PMSA.....	3577.....	3577.....	1
	Remainder of the MSA/PMSA.....	3586.....	3586.....	2
	Different house in Puerto Rico in 1985:			
	Same MSA/PMSA in 1985:			
	Central city of an MSA/PMSA.....	3595.....	3595.....	3
	Remainder of an MSA/PMSA.....	3604.....	3604.....	4
	Different MSA/PMSA in 1985:			
	Central city of an MSA/PMSA.....	3613.....	3613.....	5
	Remainder of an MSA/PMSA.....	3622.....	3622.....	6
	Not in an MSA/PMSA in 1985.....	3631.....	3631.....	7
	In the United States in 1985.....	3640.....	3640.....	8
	Elsewhere in 1985.....	3649.....	3649.....	9
	Not living in an MSA/PMSA in 1990:			
	Same house in Puerto Rico in 1985.....	3658.....	3658.....	10
	Different house in Puerto Rico in 1985:			
	In an MSA/PMSA in 1985:			
	Central city of an MSA/PMSA.....	3667.....	3667.....	11
	Remainder of an MSA/PMSA.....	3676.....	3676.....	12
	Not in an MSA/PMSA in 1985.....	3685.....	3685.....	13
	In the United States in 1985.....	3694.....	3694.....	14
	Elsewhere in 1985.....	3703.....	3703.....	15
P32.	SEX(2) BY PLACE OF BIRTH AND YEAR OF ARRIVAL OR RETURN TO PUERTO RICO(19) [38]			
	<i>Universe: Persons 5 years and over</i>			
	Male:			
	Lived in the U.S. for 6 or more consecutive months between 1980 and 1990:			
	Born in Puerto Rico and returned in:			
	1990.....	3712.....	3712.....	1,1
	1989.....	3721.....	3721.....	1,2
	1988.....	3730.....	3730.....	1,3
	1987.....	3739.....	3739.....	1,4
	1986.....	3748.....	3748.....	1,5
	1985.....	3757.....	3757.....	1,6
	1984.....	3766.....	3766.....	1,7
	1983.....	3775.....	3775.....	1,8
	1980 to 1982.....	3784.....	3784.....	1,9

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P32.	SEX(2) BY PLACE OF BIRTH AND YEAR OF ARRIVAL OR RETURN TO PUERTO RICO(19) [38]—Con. Born outside Puerto Rico and arrived or returned in:			
	1990.....	3793.....	3793.....	1,10
	1989.....	3802.....	3802.....	1,11
	1988.....	3811.....	3811.....	1,12
	1987.....	3820.....	3820.....	1,13
	1986.....	3829.....	3829.....	1,14
	1985.....	3838.....	3838.....	1,15
	1984.....	3847.....	3847.....	1,16
	1983.....	3856.....	3856.....	1,17
	1980 to 1982.....	3865.....	3865.....	1,18
	Did not live in the U.S. for 6 or more consecutive months between 1980 and 1990.....	3874.....	3874.....	1,19
	Female: (Repeat PLACE OF BIRTH AND YEAR OF ARRIVAL OR RETURN TO PUERTO RICO).....	3883.....	3883.....	2,1
P33.	SEX(2) BY LENGTH OF LAST STAY IN THE UNITED STATES(7) [14] <i>Universe: Persons 5 years and over</i> Male:			
	Lived in the U.S. for 6 or more consecutive months between 1980 and 1990:			
	6 months to 1 year.....	4054.....	4054.....	1,1
	1 to 2 years.....	4063.....	4063.....	1,2
	3 to 4 years.....	4072.....	4072.....	1,3
	5 years.....	4081.....	4081.....	1,4
	6 to 9 years.....	4090.....	4090.....	1,5
	10 or more years.....	4099.....	4099.....	1,6
	Did not live in the U.S. for 6 or more consecutive months between 1980 and 1990.....	4108.....	4108.....	1,7
	Female: (Repeat LENGTH OF LAST STAY IN THE UNITED STATES).....	4117.....	4117.....	2,1
P34.	SEX(2) BY ACTIVITY FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES(5) [10] <i>Universe: Persons 16 years and over</i> Male:			
	Lived in the U.S. for 6 or more consecutive months between 1980 and 1990:			
	In the U.S. Armed Forces.....	4180.....	4180.....	1,1
	Working at a job or business.....	4189.....	4189.....	1,2
	Attending school or college.....	4198.....	4198.....	1,3
	Other.....	4207.....	4207.....	1,4
	Did not live in the U.S. for 6 or more consecutive months between 1980 and 1990.....	4216.....	4216.....	1,5
	Female: (Repeat ACTIVITY FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES).....	4225.....	4225.....	2,1
P35.	SEX(2) BY SCHOOL ATTENDANCE FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES(3) [6] <i>Universe: Persons 5 years and over</i> Male:			
	Lived in the U.S. for 6 or more consecutive months between 1980 and 1990:			
	Attending school or college.....	4270.....	4270.....	1,1
	Not attending school or college.....	4279.....	4279.....	1,2
	Did not live in the U.S. for 6 or more consecutive months between 1980 and 1990.....	4288.....	4288.....	1,3

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P35.	SEX(2) BY SCHOOL ATTENDANCE FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES(3) [6]—Con. Female: (Repeat SCHOOL ATTENDANCE FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES)	4297	4297	2,1
P36.	PLACE OF WORK—PUERTO RICO AND MUNICIPIO LEVEL(3) [3] <i>Universe: Workers 16 years and over</i> Worked in Puerto Rico: Worked in municipio of residence	4324	4324	1
	Worked outside municipio of residence	4333	4333	2
	Worked outside Puerto Rico	4342	4342	3
P37.	PLACE OF WORK—ZONA URBANA OR COMUNIDAD LEVEL(3) [3] <i>Universe: Workers 16 years and over</i> Living in a zona urbana or comunidad: Worked in zona urbana or comunidad of residence	4351	4351	1
	Worked outside zona urbana or comunidad of residence	4360	4360	2
	Not living in a zona urbana or comunidad	4369	4369	3
P38.	PLACE OF WORK—MSA/PMSA LEVEL IN PUERTO RICO(8) [8] <i>Universe: Workers 16 years and over</i> Living in an MSA/PMSA: Worked in MSA/PMSA of residence: Central city	4378	4378	1
	Remainder of this MSA/PMSA	4387	4387	2
	Worked outside MSA/PMSA of residence: Worked in a different MSA/PMSA: Central city	4396	4396	3
	Remainder of different MSA/PMSA	4405	4405	4
	Worked outside any MSA/PMSA	4414	4414	5
	Not living in an MSA/PMSA: Worked in an MSA/PMSA: Central city	4423	4423	6
	Remainder of MSA/PMSA	4432	4432	7
	Worked outside any MSA/PMSA	4441	4441	8
P39.	MEANS OF TRANSPORTATION TO WORK(11) [11] <i>Universe: Workers 16 years and over</i> Car, truck, or van: Drove alone	4450	4450	1
	Carpooled	4459	4459	2
	Public transportation: Bus	4468	4468	3
	Público	4477	4477	4
	Ferryboat	4486	4486	5
	Taxicab	4495	4495	6
	Motorcycle	4504	4504	7
	Bicycle	4513	4513	8
	Walked	4522	4522	9
	Other means	4531	4531	10
	Worked at home	4540	4540	11
P40.	TRAVEL TIME TO WORK(13) [13] <i>Universe: Workers 16 years and over</i> Did not work at home: Less than 5 minutes	4549	4549	1
	5 to 9 minutes	4558	4558	2
	10 to 14 minutes	4567	4567	3
	15 to 19 minutes	4576	4576	4
	20 to 24 minutes	4585	4585	5
	25 to 29 minutes	4594	4594	6

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P40.	TRAVEL TIME TO WORK(13) [13]—Con.			
	30 to 34 minutes.....	4603.....	4603.....	7
	35 to 39 minutes.....	4612.....	4612.....	8
	40 to 44 minutes.....	4621.....	4621.....	9
	45 to 59 minutes.....	4630.....	4630.....	10
	60 to 89 minutes.....	4639.....	4639.....	11
	90 or more minutes.....	4648.....	4648.....	12
	Worked at home.....	4657.....	4657.....	13
P41.	AGGREGATE TRAVEL TIME TO WORK (IN MINUTES)(1) [1]			
	<i>Universe: Workers 16 years and over who did not work at home</i>			
	Total.....	4666.....	4666.....	1
P42.	TIME LEAVING HOME TO GO TO WORK(15) [15]			
	<i>Universe: Workers 16 years and over</i>			
	Did not work at home:			
	12:00 a.m. to 4:59 a.m.....	4675.....	4675.....	1
	5:00 a.m. to 5:29 a.m.....	4684.....	4684.....	2
	5:30 a.m. to 5:59 a.m.....	4693.....	4693.....	3
	6:00 a.m. to 6:29 a.m.....	4702.....	4702.....	4
	6:30 a.m. to 6:59 a.m.....	4711.....	4711.....	5
	7:00 a.m. to 7:29 a.m.....	4720.....	4720.....	6
	7:30 a.m. to 7:59 a.m.....	4729.....	4729.....	7
	8:00 a.m. to 8:29 a.m.....	4738.....	4738.....	8
	8:30 a.m. to 8:59 a.m.....	4747.....	4747.....	9
	9:00 a.m. to 9:59 a.m.....	4756.....	4756.....	10
	10:00 a.m. to 10:59 a.m.....	4765.....	4765.....	11
	11:00 a.m. to 11:59 a.m.....	4774.....	4774.....	12
	12:00 p.m. to 3:59 p.m.....	4783.....	4783.....	13
	4:00 p.m. to 11:59 p.m.....	4792.....	4792.....	14
	Worked at home.....	4801.....	4801.....	15
P43.	PRIVATE VEHICLE OCCUPANCY(8) [8]			
	<i>Universe: Workers 16 years and over</i>			
	Car, truck, or van:			
	Drove alone.....	4810.....	4810.....	1
	In 2-person carpool.....	4819.....	4819.....	2
	In 3-person carpool.....	4828.....	4828.....	3
	In 4-person carpool.....	4837.....	4837.....	4
	In 5-person carpool.....	4846.....	4846.....	5
	In 6-person carpool.....	4855.....	4855.....	6
	In 7-or-more person carpool.....	4864.....	4864.....	7
	Other means.....	4873.....	4873.....	8
P44.	SCHOOL ENROLLMENT AND TYPE OF SCHOOL(9) [9]			
	<i>Universe: Persons 3 years and over</i>			
	Enrolled in preprimary school:			
	Public school.....	4882.....	4882.....	1
	Private school.....	4891.....	4891.....	2
	Enrolled in elementary school:			
	Public school.....	4900.....	4900.....	3
	Private school.....	4909.....	4909.....	4
	Enrolled in high school:			
	Public school.....	4918.....	4918.....	5
	Private school.....	4927.....	4927.....	6
	Enrolled in college:			
	Public school.....	4936.....	4936.....	7
	Private school.....	4945.....	4945.....	8
	Not enrolled in school.....	4954.....	4954.....	9

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P45.	SEX(2) BY EDUCATIONAL ATTAINMENT(8) [16] <i>Universe: Persons 25 years and over</i>			
	Male:			
	Less than 7th grade.....	4963.....	4963.....	1,1
	7th to 9th grade.....	4972.....	4972.....	1,2
	10th to 12th grade, no diploma.....	4981.....	4981.....	1,3
	High school graduate (includes equivalency).....	4990.....	4990.....	1,4
	Some college, no degree.....	4999.....	4999.....	1,5
	Associate degree.....	5008.....	5008.....	1,6
	Bachelor's degree.....	5017.....	5017.....	1,7
	Graduate or professional degree.....	5026.....	5026.....	1,8
	Female:			
	(Repeat EDUCATIONAL ATTAINMENT).....	5035.....	5035.....	2,1
P46.	SEX(2) BY EDUCATIONAL ATTAINMENT(8) [16] <i>Universe: Persons 18 years and over</i>			
	Male:			
	Less than 7th grade.....	5107.....	5107.....	1,1
	7th to 9th grade.....	5116.....	5116.....	1,2
	10th to 12th grade, no diploma.....	5125.....	5125.....	1,3
	High school graduate (includes equivalency).....	5134.....	5134.....	1,4
	Some college, no degree.....	5143.....	5143.....	1,5
	Associate degree.....	5152.....	5152.....	1,6
	Bachelor's degree.....	5161.....	5161.....	1,7
	Graduate or professional degree.....	5170.....	5170.....	1,8
	Female:			
	(Repeat EDUCATIONAL ATTAINMENT).....	5179.....	5179.....	2,1
P47.	SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS(13) [13] <i>Universe: Persons 16 to 19 years</i>			
	In Armed Forces:			
	Enrolled in school:			
	High school graduate.....	5251.....	5251.....	1
	Not high school graduate.....	5260.....	5260.....	2
	Not enrolled in school:			
	High school graduate.....	5269.....	5269.....	3
	Not high school graduate.....	5278.....	5278.....	4
	Civilian:			
	Enrolled in school:			
	Employed.....	5287.....	5287.....	5
	Unemployed.....	5296.....	5296.....	6
	Not in labor force.....	5305.....	5305.....	7
	Not enrolled in school:			
	High school graduate:			
	Employed.....	5314.....	5314.....	8
	Unemployed.....	5323.....	5323.....	9
	Not in labor force.....	5332.....	5332.....	10
	Not high school graduate:			
	Employed.....	5341.....	5341.....	11
	Unemployed.....	5350.....	5350.....	12
	Not in labor force.....	5359.....	5359.....	13
P48.	SEX(2) BY AGE(2) BY VETERAN STATUS(3) [12] <i>Universe: Persons 16 years and over</i>			
	Male:			
	16 to 64 years:			
	In Armed Forces.....	5368.....	5368.....	1,1,1
	Civilian:			
	Veteran.....	5377.....	5377.....	1,1,2
	Nonveteran.....	5386.....	5386.....	1,1,3

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P48.	SEX(2) BY AGE(2) BY VETERAN STATUS(3) [12]—Con. 65 years and over: (Repeat VETERAN STATUS)	5395	5395.....	1,2,1
	Female: (Repeat AGE By VETERAN STATUS)	5422	5422.....	2,1,1
P49.	PERIOD OF MILITARY SERVICE(13) [13] <i>Universe: Civilian veterans 16 years and over</i> May 1975 or later only: September 1980 or later only: With less than 2 years of service	5476	5476.....	1
	With 2 or more years of service	5485	5485.....	2
	May 1975 to August 1980 only	5494	5494.....	3
	Both, May 1975 to August 1980 and September 1980 or later	5503	5503.....	4
	Vietnam era, no Korean conflict nor World War II.....	5512	5512.....	5
	Vietnam era and Korean conflict, no World War II.....	5521	5521.....	6
	Vietnam era, Korean conflict, and World War II	5530	5530.....	7
	February 1955 to July 1964 only.....	5539	5539.....	8
	Korean conflict, no Vietnam era nor World War II.....	5548	5548.....	9
	Korean conflict and World War II, no Vietnam era.....	5557	5557.....	10
	World War II, no Korean conflict nor Vietnam era.....	5566	5566.....	11
	World War I	5575	5575.....	12
	Other service	5584	5584.....	13
P50.	SEX(2) BY AGE(2) BY WORK DISABILITY STATUS AND EMPLOYMENT STATUS(7) [28] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i> Male: 16 to 64 years: With a work disability: In labor force: Employed	5593	5593.....	1,1,1
	Unemployed.....	5602	5602.....	1,1,2
	Not in labor force: Prevented from working	5611	5611.....	1,1,3
	Not prevented from working.....	5620	5620.....	1,1,4
	No work disability: In labor force: Employed	5629	5629.....	1,1,5
	Unemployed.....	5638	5638.....	1,1,6
	Not in labor force	5647	5647.....	1,1,7
	65 years and over: (Repeat WORK DISABILITY STATUS AND EMPLOYMENT STATUS).....	5656	5656.....	1,2,1
	Female: (Repeat AGE By WORK DISABILITY STATUS AND EMPLOYMENT STATUS)	5719	5719.....	2,1,1
P51.	SEX(2) BY AGE(2) BY MOBILITY LIMITATION STATUS(2) BY EMPLOYMENT STATUS(3) [24] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i> Male: 16 to 64 years: With a mobility limitation: In labor force: Employed	5845	5845.....	1,1,1,1
	Unemployed.....	5854	5854.....	1,1,1,2
	Not in labor force	5863	5863.....	1,1,1,3
	No mobility limitation: (Repeat EMPLOYMENT STATUS).....	5872	5872.....	1,1,2,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P51.	SEX(2) BY AGE(2) BY MOBILITY LIMITATION STATUS(2) BY EMPLOYMENT STATUS(3) [24]—Con. 65 years and over: (Repeat MOBILITY LIMITATION STATUS By EMPLOYMENT STATUS)	5899.....	5899.....	1,2,1,1
	Female: (Repeat AGE By MOBILITY LIMITATION STATUS By EMPLOYMENT STATUS)	5953.....	5953.....	2,1,1,1
	Filler	6025.....	6025	
	End of Segment			
	Female: (Repeat AGE By MOBILITY LIMITATION STATUS By EMPLOYMENT STATUS)—Con.	6329.....	301.....	2,2,1,0
P52.	SEX(2) BY AGE(2) BY WORK DISABILITY STATUS(2) BY MOBILITY AND SELF-CARE LIMITATION STATUS(2) [16] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i> Male: 16 to 64 years: With a work disability: With a mobility or self-care limitation..... No mobility or self-care limitation	6365..... 6374.....	337..... 346.....	1,1,1,1 1,1,1,2
	No work disability: (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS)	6383.....	355.....	1,1,2,1
	65 years and over: (Repeat WORK DISABILITY STATUS By MOBILITY AND SELF-CARE LIMITATION STATUS)	6401.....	373.....	1,2,1,1
	Female: (Repeat AGE By WORK DISABILITY STATUS By MOBILITY AND SELF-CARE LIMITATION STATUS).....	6437.....	409.....	2,1,1,1
P53.	SEX(2) BY AGE(3) BY MOBILITY AND SELF-CARE LIMITATION STATUS(4) [24] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i> Male: 16 to 64 years: With a mobility or self-care limitation: Mobility limitation only..... Self-care limitation only	6509..... 6518..... 6527.....	481..... 490..... 499.....	1,1,1 1,1,2 1,1,3
	Mobility and self-care limitation..... No mobility or self-care limitation	6536.....	508.....	1,1,4
	65 to 74 years: (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS).....	6545.....	517.....	1,2,1
	75 years and over: (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS).....	6581.....	553.....	1,3,1
	Female: (Repeat AGE By MOBILITY AND SELF-CARE LIMITATION STATUS)	6617.....	589.....	2,1,1
P54.	SEX(2) BY AGE(4) BY VOCATIONAL TRAINING(2) [16] <i>Universe: Persons 16 years and over</i> Male: 16 and 17 years: With vocational training	6725..... 6734.....	697..... 706.....	1,1,1 1,1,2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P54.	SEX(2) BY AGE(4) BY VOCATIONAL TRAINING(2) [16]—Con.			
	18 to 24 years:			
	(Repeat VOCATIONAL TRAINING)	6743	715.....	1,2,1
	25 to 64 years:			
	(Repeat VOCATIONAL TRAINING)	6761	733.....	1,3,1
	65 years and over:			
	(Repeat VOCATIONAL TRAINING)	6779	751.....	1,4,1
	Female:			
	(Repeat AGE By VOCATIONAL TRAINING)	6797	769.....	2,1,1
P55.	SEX(2) BY EMPLOYMENT STATUS(4) [8]			
	<i>Universe: Persons 16 years and over</i>			
	Male:			
	In labor force:			
	In Armed Forces.....	6869	841.....	1,1
	Civilian:			
	Employed	6878	850.....	1,2
	Unemployed.....	6887	859.....	1,3
	Not in labor force	6896	868.....	1,4
	Female:			
	(Repeat EMPLOYMENT STATUS)	6905	877.....	2,1
P56.	PRESENCE AND AGE OF CHILDREN AND EMPLOYMENT STATUS(12) [12]			
	<i>Universe: Females 16 years and over</i>			
	With own children under 18 years:			
	Under 6 years only:			
	In labor force:			
	Employed or in Armed Forces	6941	913.....	1
	Unemployed.....	6950	922.....	2
	Not in labor force	6959	931.....	3
	6 to 17 years only:			
	In labor force:			
	Employed or in Armed Forces	6968	940.....	4
	Unemployed.....	6977	949.....	5
	Not in labor force	6986	958.....	6
	Under 6 years and 6 to 17 years:			
	In labor force:			
	Employed or in Armed Forces	6995	967.....	7
	Unemployed.....	7004	976.....	8
	Not in labor force	7013	985.....	9
	No own children under 18 years:			
	In labor force:			
	Employed or in Armed Forces.....	7022	994.....	10
	Unemployed.....	7031	1003.....	11
	Not in labor force	7040	1012.....	12
P57.	PRESENCE AND AGE OF CHILDREN(2) BY EMPLOYMENT STATUS OF PARENTS(8) [16]			
	<i>Universe: Own children under 18 years in families and subfamilies</i>			
	Under 6 years:			
	Living with two parents:			
	Both parents in labor force.....	7049	1021.....	1,1
	Father only in labor force.....	7058	1030.....	1,2
	Mother only in labor force.....	7067	1039.....	1,3
	Neither parent in labor force.....	7076	1048.....	1,4
	Living with one parent:			
	Living with father:			
	In labor force.....	7085	1057.....	1,5
	Not in labor force	7094	1066.....	1,6

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P57.	PRESENCE AND AGE OF CHILDREN(2) BY EMPLOYMENT STATUS OF PARENTS(8) [16]—Con.			
	Living with mother:			
	In labor force.....	7103.....	1075.....	1,7
	Not in labor force.....	7112.....	1084.....	1,8
	6 to 17 years:			
	(Repeat EMPLOYMENT STATUS OF PARENTS).....	7121.....	1093.....	2,1
P58.	SEX(2) BY WORK STATUS IN 1989(2) [4]			
	<i>Universe: Persons 16 years and over</i>			
	Male:			
	Worked in 1989.....	7193.....	1165.....	1,1
	Did not work in 1989.....	7202.....	1174.....	1,2
	Female:			
	(Repeat WORK STATUS IN 1989).....	7211.....	1183.....	2,1
P59.	SEX(2) BY WORK STATUS IN 1989, USUAL HOURS WORKED PER WEEK IN 1989, AND WEEKS WORKED IN 1989(19) [38]			
	<i>Universe: Persons 16 years and over</i>			
	Male:			
	Worked in 1989:			
	Usually worked 35 or more hours per week:			
	50 to 52 weeks.....	7229.....	1201.....	1,1
	48 to 49 weeks.....	7238.....	1210.....	1,2
	40 to 47 weeks.....	7247.....	1219.....	1,3
	27 to 39 weeks.....	7256.....	1228.....	1,4
	14 to 26 weeks.....	7265.....	1237.....	1,5
	1 to 13 weeks.....	7274.....	1246.....	1,6
	Usually worked 15 to 34 hours per week:			
	50 to 52 weeks.....	7283.....	1255.....	1,7
	48 to 49 weeks.....	7292.....	1264.....	1,8
	40 to 47 weeks.....	7301.....	1273.....	1,9
	27 to 39 weeks.....	7310.....	1282.....	1,10
	14 to 26 weeks.....	7319.....	1291.....	1,11
	1 to 13 weeks.....	7328.....	1300.....	1,12
	Usually worked 1 to 14 hours per week:			
	50 to 52 weeks.....	7337.....	1309.....	1,13
	48 to 49 weeks.....	7346.....	1318.....	1,14
	40 to 47 weeks.....	7355.....	1327.....	1,15
	27 to 39 weeks.....	7364.....	1336.....	1,16
	14 to 26 weeks.....	7373.....	1345.....	1,17
	1 to 13 weeks.....	7382.....	1354.....	1,18
	Did not work in 1989.....	7391.....	1363.....	1,19
	Female:			
	(Repeat WORK STATUS IN 1989, USUAL HOURS WORKED PER WEEK IN 1989, AND WEEKS WORKED IN 1989).....	7400.....	1372.....	2,1
P60.	INDUSTRY(17) [17]			
	<i>Universe: Employed persons 16 years and over</i>			
	Agriculture, forestry, and fisheries (000-039).....	7571.....	1543.....	1
	Mining (040-059).....	7580.....	1552.....	2
	Construction (060-099).....	7589.....	1561.....	3
	Manufacturing, nondurable goods (100-229).....	7598.....	1570.....	4
	Manufacturing, durable goods (230-399).....	7607.....	1579.....	5
	Transportation (400-439).....	7616.....	1588.....	6
	Communications and other public utilities (440-499).....	7625.....	1597.....	7
	Wholesale trade (500-579).....	7634.....	1606.....	8
	Retail trade (580-699).....	7643.....	1615.....	9
	Finance, insurance, and real estate (700-720).....	7652.....	1624.....	10
	Business and repair services (721-760).....	7661.....	1633.....	11
	Personal services (761-799).....	7670.....	1642.....	12

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P60.	INDUSTRY(17) [17]—Con.			
	Entertainment and recreation services (800-811)	7679	1651	13
	Professional and related services (812-899):			
	Health services (812-840)	7688	1660	14
	Educational services (842-860)	7697	1669	15
	Other professional and related services (841, 861-899).....	7706	1678	16
	Public administration (900-939)	7715	1687	17
P61.	OCCUPATION(13) [13]			
	<i>Universe: Employed persons 16 years and over</i>			
	Managerial and professional specialty occupations(000-202):			
	Executive, administrative, and managerial occupations (000-042).....	7724	1696	1
	Professional specialty occupations (043-202).....	7733	1705	2
	Technical, sales, and administrative support occupations (203-402):			
	Technicians and related support occupations (203-242).....	7742	1714	3
	Sales occupations (243-302).....	7751	1723	4
	Administrative support occupations, including clerical (303-402).....	7760	1732	5
	Service occupations (403-472):			
	Private household occupations (403-412)	7769	1741	6
	Protective service occupations (413-432)	7778	1750	7
	Service occupations, except protective and household (433-472).....	7787	1759	8
	Farming, forestry, and fishing occupations (473-502)	7796	1768	9
	Precision production, craft, and repair occupations (503-702)	7805	1777	10
	Operators, fabricators, and laborers (703-902):			
	Machine operators, assemblers, and inspectors (703-802).....	7814	1786	11
	Transportation and material moving occupations (803-863).....	7823	1795	12
	Handlers, equipment cleaners, helpers, and laborers (864-902).....	7832	1804	13
P62.	CLASS OF WORKER(7) [7]			
	<i>Universe: Employed persons 16 years and over</i>			
	Private for profit wage and salary workers.....	7841	1813	1
	Private not-for-profit wage and salary workers	7850	1822	2
	Municipio government workers	7859	1831	3
	Commonwealth government workers	7868	1840	4
	Federal government workers	7877	1849	5
	Self-employed workers.....	7886	1858	6
	Unpaid family workers.....	7895	1867	7
P63.	HOUSEHOLD INCOME IN 1989(25) [25]			
	<i>Universe: Households</i>			
	Less than \$500.....	7904	1876	1
	\$500 to \$999	7913	1885	2
	\$1,000 to \$1,499	7922	1894	3
	\$1,500 to \$1,999	7931	1903	4
	\$2,000 to \$2,499	7940	1912	5
	\$2,500 to \$2,999	7949	1921	6
	\$3,000 to \$3,499	7958	1930	7
	\$3,500 to \$3,999	7967	1939	8
	\$4,000 to \$4,999	7976	1948	9
	\$5,000 to \$5,999	7985	1957	10
	\$6,000 to \$7,499	7994	1966	11
	\$7,500 to \$8,499	8003	1975	12
	\$8,500 to \$9,999	8012	1984	13
	\$10,000 to \$12,499	8021	1993	14
	\$12,500 to \$14,999	8030	2002	15
	\$15,000 to \$17,499	8039	2011	16
	\$17,500 to \$19,999	8048	2020	17

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P63.	HOUSEHOLD INCOME IN 1989(25) [25]—Con.			
	\$20,000 to \$24,999.....	8057.....	2029.....	18
	\$25,000 to \$29,999.....	8066.....	2038.....	19
	\$30,000 to \$34,999.....	8075.....	2047.....	20
	\$35,000 to \$39,999.....	8084.....	2056.....	21
	\$40,000 to \$49,999.....	8093.....	2065.....	22
	\$50,000 to \$59,999.....	8102.....	2074.....	23
	\$60,000 to \$74,999.....	8111.....	2083.....	24
	\$75,000 or more.....	8120.....	2092.....	25
P63A.	MEDIAN HOUSEHOLD INCOME IN 1989(1) [1] <i>Universe: Households</i> Median household income in 1989.....	8129.....	2101.....	1
P64.	AGGREGATE HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD TYPE(4) [4] <i>Universe: Households</i> Total:			
	Family households:			
	Married-couple family.....	8138.....	2110.....	1,1
	Other family:			
	Male householder, no wife present.....	8153.....	2125.....	1,2
	Female householder, no husband present.....	8168.....	2140.....	1,3
	Nonfamily households.....	8183.....	2155.....	1,4
P65.	AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9) [63] <i>Universe: Households</i> Under 25 years:			
	Less than \$1,000.....	8198.....	2170.....	1,1
	\$1,000 to \$2,499.....	8207.....	2179.....	1,2
	\$2,500 to \$4,999.....	8216.....	2188.....	1,3
	\$5,000 to \$7,499.....	8225.....	2197.....	1,4
	\$7,500 to \$9,999.....	8234.....	2206.....	1,5
	\$10,000 to \$14,999.....	8243.....	2215.....	1,6
	\$15,000 to \$24,999.....	8252.....	2224.....	1,7
	\$25,000 to \$49,999.....	8261.....	2233.....	1,8
	\$50,000 or more.....	8270.....	2242.....	1,9
	25 to 34 years: (Repeat HOUSEHOLD INCOME IN 1989).....	8279.....	2251.....	2,1
	35 to 44 years: (Repeat HOUSEHOLD INCOME IN 1989).....	8360.....	2332.....	3,1
	45 to 54 years: (Repeat HOUSEHOLD INCOME IN 1989).....	8441.....	2413.....	4,1
	55 to 64 years: (Repeat HOUSEHOLD INCOME IN 1989).....	8522.....	2494.....	5,1
	65 to 74 years: (Repeat HOUSEHOLD INCOME IN 1989).....	8603.....	2575.....	6,1
	75 years and over: (Repeat HOUSEHOLD INCOME IN 1989).....	8684.....	2656.....	7,1
P66.	EARNINGS IN 1989(2) [2] <i>Universe: Households</i> With earnings.....	8765.....	2737.....	1
	No earnings.....	8774.....	2746.....	2
P67.	WAGE OR SALARY INCOME IN 1989(2) [2] <i>Universe: Households</i> With wage or salary income.....	8783.....	2755.....	1
	No wage or salary income.....	8792.....	2764.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P68.	NONFARM SELF-EMPLOYMENT INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With nonfarm self-employment income.....	8801	2773.....	1
	No nonfarm self-employment income.....	8810	2782.....	2
P69.	FARM SELF-EMPLOYMENT INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With farm self-employment income.....	8819	2791.....	1
	No farm self-employment income.....	8828	2800.....	2
P70.	INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With interest, dividend, or net rental income.....	8837	2809.....	1
	No interest, dividend, or net rental income.....	8846	2818.....	2
P71.	SOCIAL SECURITY INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With Social Security Income.....	8855	2827.....	1
	No Social Security income.....	8864	2836.....	2
P72.	PUBLIC ASSISTANCE INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With public assistance income.....	8873	2845.....	1
	No public assistance income.....	8882	2854.....	2
P73.	RETIREMENT INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With retirement income.....	8891	2863.....	1
	No retirement income.....	8900	2872.....	2
P74.	OTHER TYPE OF INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	With other income.....	8909	2881.....	1
	No other income.....	8918	2890.....	2
P75.	AGGREGATE WAGE OR SALARY INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	8927	2899.....	1
P76.	AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	8942	2914.....	1
P77.	AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	8957	2929.....	1
P78.	AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	8972	2944.....	1
P79.	AGGREGATE SOCIAL SECURITY INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	8987	2959.....	1
P80.	AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	9002	2974.....	1
P81.	AGGREGATE RETIREMENT INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total.....	9017	2989.....	1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P82.	AGGREGATE OTHER TYPE OF INCOME IN 1989(1) [1] <i>Universe: Households</i>			
	Total	9032	3004	1
P83.	AGGREGATE PERSONS IN HOUSEHOLDS(1) BY PUBLIC ASSISTANCE INCOME IN 1989(2) BY AGE(3) [6] <i>Universe: Persons in households</i>			
	Total:			
	With public assistance income:			
	Under 15 years	9047	3019	1,1,1
	15 to 64 years	9056	3028	1,1,2
	65 years and over	9065	3037	1,1,3
	No public assistance income:			
	(Repeat AGE)	9074	3046	1,2,1
P84.	FAMILY INCOME IN 1989(25) [25] <i>Universe: Families</i>			
	Less than \$500	9101	3073	1
	\$500 to \$999	9110	3082	2
	\$1,000 to \$1,499	9119	3091	3
	\$1,500 to \$1,999	9128	3100	4
	\$2,000 to \$2,499	9137	3109	5
	\$2,500 to \$2,999	9146	3118	6
	\$3,000 to \$3,499	9155	3127	7
	\$3,500 to \$3,999	9164	3136	8
	\$4,000 to \$4,999	9173	3145	9
	\$5,000 to \$5,999	9182	3154	10
	\$6,000 to \$7,499	9191	3163	11
	\$7,500 to \$8,499	9200	3172	12
	\$8,500 to \$9,999	9209	3181	13
	\$10,000 to \$12,499	9218	3190	14
	\$12,500 to \$14,999	9227	3199	15
	\$15,000 to \$17,499	9236	3208	16
	\$17,500 to \$19,999	9245	3217	17
	\$20,000 to \$24,999	9254	3226	18
	\$25,000 to \$29,999	9263	3235	19
	\$30,000 to \$34,999	9272	3244	20
	\$35,000 to \$39,999	9281	3253	21
	\$40,000 to \$49,999	9290	3262	22
	\$50,000 to \$59,999	9299	3271	23
	\$60,000 to \$74,999	9308	3280	24
	\$75,000 or more	9317	3289	25
P84A.	MEDIAN FAMILY INCOME IN 1989(1) [1] <i>Universe: Families</i>			
	Median family income in 1989	9326	3298	1
P85.	AGGREGATE FAMILY INCOME IN 1989(1) [1] <i>Universe: Families</i>			
	Total	9335	3307	1
P86.	AGGREGATE FAMILY INCOME IN 1989(1) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(6) [6] <i>Universe: Families</i>			
	Total:			
	Married-couple family:			
	With own children under 18 years	9350	3322	1,1
	No own children under 18 years	9365	3337	1,2
	Other family:			
	Male householder, no wife present:			
	With own children under 18 years	9380	3352	1,3
	No own children under 18 years	9395	3367	1,4

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P86.	AGGREGATE FAMILY INCOME IN 1989(1) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(6) [6]—Con. Female householder, no husband present:			
	With own children under 18 years.....	9410	3382.....	1,5
	No own children under 18 years	9425	3397.....	1,6
P87.	NONFAMILY HOUSEHOLD INCOME IN 1989(25) [25] <i>Universe: Nonfamily households</i>			
	Less than \$500.....	9440	3412.....	1
	\$500 to \$999	9449	3421.....	2
	\$1,000 to \$1,499	9458	3430.....	3
	\$1,500 to \$1,999	9467	3439.....	4
	\$2,000 to \$2,499	9476	3448.....	5
	\$2,500 to \$2,999	9485	3457.....	6
	\$3,000 to \$3,499	9494	3466.....	7
	\$3,500 to \$3,999	9503	3475.....	8
	\$4,000 to \$4,999	9512	3484.....	9
	\$5,000 to \$5,999	9521	3493.....	10
	\$6,000 to \$7,499	9530	3502.....	11
	\$7,500 to \$8,499	9539	3511.....	12
	\$8,500 to \$9,999	9548	3520.....	13
	\$10,000 to \$12,499	9557	3529.....	14
	\$12,500 to \$14,999	9566	3538.....	15
	\$15,000 to \$17,499	9575	3547.....	16
	\$17,500 to \$19,999	9584	3556.....	17
	\$20,000 to \$24,999	9593	3565.....	18
	\$25,000 to \$29,999	9602	3574.....	19
	\$30,000 to \$34,999	9611	3583.....	20
	\$35,000 to \$39,999	9620	3592.....	21
	\$40,000 to \$49,999	9629	3601.....	22
	\$50,000 to \$59,999	9638	3610.....	23
	\$60,000 to \$74,999	9647	3619.....	24
	\$75,000 or more	9656	3628.....	25
P87A.	MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989(1) [1] <i>Universe: Nonfamily households</i>			
	Median nonfamily household income in 1989.....	9665	3637.....	1
P88.	AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1) [1] <i>Universe: Nonfamily households</i>			
	Total	9674	3646.....	1
P89.	WORKERS IN FAMILY IN 1989(4) [4] <i>Universe: Families</i>			
	No workers	9689	3661.....	1
	1 worker	9698	3670.....	2
	2 workers	9707	3679.....	3
	3 or more workers	9716	3688.....	4
P90.	AGGREGATE FAMILY INCOME IN 1989(1) BY WORKERS IN FAMILY IN 1989(4) [4] <i>Universe: Families</i>			
	Total:			
	No workers.....	9725	3697.....	1,1
	1 worker.....	9740	3712.....	1,2
	2 workers.....	9755	3727.....	1,3
	3 or more workers.....	9770	3742.....	1,4

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P91.	AGGREGATE INCOME IN 1989(1) BY GROUP QUARTERS(3) [3] <i>Universe: Persons 15 years and over</i>			
	Total:			
	In households	9785.....	3757	1,1
	In group quarters:			
	Institutionalized persons.....	9800.....	3772	1,2
	Other persons in group quarters.....	9815.....	3787	1,3
P91A.	PER CAPITA INCOME IN 1989(1) [1] <i>Universe: Persons</i>			
	Per capita income in 1989.....	9830.....	3802	1
P91B.	PER CAPITA INCOME IN 1989(1) BY GROUP QUARTERS(3) [3] <i>Universe: Persons</i>			
	Per capita income in 1989:			
	In households	9839.....	3811	1,1
	In group quarters:			
	Institutionalized persons.....	9848.....	3820	1,2
	Other persons in group quarters.....	9857.....	3829	1,3
P92.	POVERTY STATUS IN 1989(2) BY AGE(12) [24] <i>Universe: Persons for whom poverty status is determined</i>			
	Income in 1989 above poverty level:			
	Under 5 years	9866.....	3838	1,1
	5 years.....	9875.....	3847	1,2
	6 to 11 years	9884.....	3856	1,3
	12 to 17 years	9893.....	3865	1,4
	18 to 24 years	9902.....	3874	1,5
	25 to 34 years	9911.....	3883	1,6
	35 to 44 years	9920.....	3892	1,7
	45 to 54 years	9929.....	3901	1,8
	55 to 59 years	9938.....	3910	1,9
	60 to 64 years	9947.....	3919	1,10
	65 to 74 years	9956.....	3928	1,11
	75 years and over	9965.....	3937	1,12
	Income in 1989 below poverty level:			
	(Repeat AGE).....	9974.....	3946	2,1
P93.	POVERTY STATUS IN 1989(2) BY SEX(2) BY AGE(7) [28] <i>Universe: Persons for whom poverty status is determined</i>			
	Income in 1989 above poverty level:			
	Male:			
	Under 5 years.....	10082.....	4054	1,1,1
	5 years.....	10091.....	4063	1,1,2
	6 to 11 years.....	10100.....	4072	1,1,3
	12 to 17 years.....	10109.....	4081	1,1,4
	18 to 64 years.....	10118.....	4090	1,1,5
	65 to 74 years.....	10127.....	4099	1,1,6
	75 years and over	10136.....	4108	1,1,7
	Female:			
	(Repeat AGE)	10145.....	4117	1,2,1
	Income in 1989 below poverty level:			
	(Repeat SEX By AGE)	10208.....	4180	2,1,1
P94.	RATIO OF INCOME IN 1989 TO POVERTY LEVEL(9) [9] <i>Universe: Persons for whom poverty status is determined</i>			
	Under .50.....	10334.....	4306	1
	.50 to .74.....	10343.....	4315	2
	.75 to .99.....	10352.....	4324	3
	1.00 to 1.24.....	10361.....	4333	4
	1.25 to 1.49.....	10370.....	4342	5

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P97.	POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND AGE(9) [18] <i>Universe: Related children under 18 years</i> Income in 1989 above poverty level:			
	In married-couple family:			
	Under 5 years.....	11063.....	5035.....	1,1
	5 years.....	11072.....	5044.....	1,2
	6 to 17 years.....	11081.....	5053.....	1,3
	In other family:			
	Male householder, no wife present:			
	Under 5 years.....	11090.....	5062.....	1,4
	5 years.....	11099.....	5071.....	1,5
	6 to 17 years.....	11108.....	5080.....	1,6
	Female householder, no husband present:			
	Under 5 years.....	11117.....	5089.....	1,7
	5 years.....	11126.....	5098.....	1,8
	6 to 17 years.....	11135.....	5107.....	1,9
	Income in 1989 below poverty level: (Repeat FAMILY TYPE AND AGE).....	11144.....	5116.....	2,1
P98.	POVERTY STATUS IN 1989(2) BY AGE OF HOUSEHOLDER(3) BY HOUSEHOLD TYPE(5) [30] <i>Universe: Households</i> Income in 1989 above poverty level:			
	Householder 15 to 64 years:			
	Married-couple family.....	11225.....	5197.....	1,1,1
	Other family:			
	Male householder, no wife present.....	11234.....	5206.....	1,1,2
	Female householder, no husband present.....	11243.....	5215.....	1,1,3
	Nonfamily households:			
	Householder living alone.....	11252.....	5224.....	1,1,4
	Householder not living alone.....	11261.....	5233.....	1,1,5
	Householder 65 to 74 years: (Repeat HOUSEHOLD TYPE).....	11270.....	5242.....	1,2,1
	Householder 75 years and over: (Repeat HOUSEHOLD TYPE).....	11315.....	5287.....	1,3,1
	Income in 1989 below poverty level: (Repeat AGE OF HOUSEHOLDER By HOUSEHOLD TYPE).....	11360.....	5332.....	2,1,1
P99.	IMPUTATION OF POPULATION ITEMS(2) [2] <i>Universe: Persons</i>			
	No items allocated.....	11495.....	5467.....	1
	One or more items allocated.....	11504.....	5476.....	2
P100.	IMPUTATION OF RELATIONSHIP(2) [2] <i>Universe: Persons in households</i>			
	Allocated.....	11513.....	5485.....	1
	Not allocated.....	11522.....	5494.....	2
P101.	IMPUTATION OF SEX(2) [2] <i>Universe: Persons</i>			
	Allocated.....	11531.....	5503.....	1
	Not allocated.....	11540.....	5512.....	2
P102.	IMPUTATION OF AGE(2) [2] <i>Universe: Persons</i>			
	Allocated.....	11549.....	5521.....	1
	Not allocated.....	11558.....	5530.....	2
P103.	IMPUTATION OF MARITAL STATUS(2) [2] <i>Universe: Persons 15 years and over</i>			
	Allocated.....	11567.....	5539.....	1
	Not allocated.....	11576.....	5548.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P104.	IMPUTATION OF GROUP QUARTERS(2) [2] <i>Universe: Persons in group quarters</i>			
	Allocated.....	11585.....	5557.....	1
	Not allocated.....	11594.....	5566.....	2
P105.	IMPUTATION OF PLACE OF BIRTH(2) [2] <i>Universe: Persons</i>			
	Allocated.....	11603.....	5575.....	1
	Not allocated.....	11612.....	5584.....	2
P106.	IMPUTATION OF PARENTS' PLACE OF BIRTH(2) [2] <i>Universe: Persons</i>			
	Allocated.....	11621.....	5593.....	1
	Not allocated.....	11630.....	5602.....	2
P107.	IMPUTATION OF CITIZENSHIP(2) [2] <i>Universe: Persons</i>			
	Allocated.....	11639.....	5611.....	1
	Not allocated.....	11648.....	5620.....	2
P108.	IMPUTATION OF YEAR OF ENTRY(2) [2] <i>Universe: Persons</i>			
	Allocated.....	11657.....	5629.....	1
	Not allocated.....	11666.....	5638.....	2
P109.	IMPUTATION OF SCHOOL ENROLLMENT(2) [2] <i>Universe: Persons 3 years and over</i>			
	Allocated.....	11675.....	5647.....	1
	Not allocated.....	11684.....	5656.....	2
P110.	IMPUTATION OF EDUCATIONAL ATTAINMENT(2) [2] <i>Universe: Persons 18 years and over</i>			
	Allocated.....	11693.....	5665.....	1
	Not allocated.....	11702.....	5674.....	2
P111.	IMPUTATION OF EDUCATIONAL ATTAINMENT(2) [2] <i>Universe: Persons 25 years and over</i>			
	Allocated.....	11711.....	5683.....	1
	Not allocated.....	11720.....	5692.....	2
P112.	IMPUTATION OF ABILITY TO READ AND WRITE(2) [2] <i>Universe: Persons 10 years and over</i>			
	Allocated.....	11729.....	5701.....	1
	Not allocated.....	11738.....	5710.....	2
P113.	IMPUTATION OF MOBILITY STATUS(2) [2] <i>Universe: Persons 5 years and over</i>			
	Allocated.....	11747.....	5719.....	1
	Not allocated.....	11756.....	5728.....	2
P114.	IMPUTATION OF RESIDENCE IN 1985(4) [4] <i>Universe: Persons 5 years and over</i>			
	Different house in 1985:			
	Allocated:			
	One or more but not all geographic parts allocated.....	11765.....	5737.....	1
	All geographic parts allocated.....	11774.....	5746.....	2
	Not allocated.....	11783.....	5755.....	3
	Same house in 1985.....	11792.....	5764.....	4
P115.	IMPUTATION OF YEAR OF ARRIVAL OR RETURN TO PUERTO RICO(2) [2] <i>Universe: Persons 5 years and over</i>			
	Allocated.....	11801.....	5773.....	1
	Not allocated.....	11810.....	5782.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P116.	IMPUTATION OF ABILITY TO SPEAK SPANISH AND ENGLISH(2) [2] <i>Universe: Persons 5 years and over</i>			
	Allocated.....	11819.....	5791.....	1
	Not allocated.....	11828.....	5800.....	2
P117.	IMPUTATION OF VETERAN STATUS(2) [2] <i>Universe: Persons 16 years and over</i>			
	Allocated.....	11837.....	5809.....	1
	Not allocated.....	11846.....	5818.....	2
P118.	IMPUTATION OF PERIOD OF MILITARY SERVICE(2) [2] <i>Universe: Civilian veterans 16 years and over</i>			
	Allocated.....	11855.....	5827.....	1
	Not allocated.....	11864.....	5836.....	2
P119.	IMPUTATION OF WORK DISABILITY STATUS(2) [2] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i>			
	Allocated.....	11873.....	5845.....	1
	Not allocated.....	11882.....	5854.....	2
P120.	IMPUTATION OF MOBILITY LIMITATION STATUS(2) [2] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i>			
	Allocated.....	11891.....	5863.....	1
	Not allocated.....	11900.....	5872.....	2
P121.	IMPUTATION OF SELF-CARE LIMITATION STATUS(2) [2] <i>Universe: Civilian noninstitutionalized persons 16 years and over</i>			
	Allocated.....	11909.....	5881.....	1
	Not allocated.....	11918.....	5890.....	2
P122.	IMPUTATION OF CHILDREN EVER BORN(2) [2] <i>Universe: Females 15 years and over</i>			
	Allocated.....	11927.....	5899.....	1
	Not allocated.....	11936.....	5908.....	2
P123.	IMPUTATION OF PLACE OF WORK(3) [3] <i>Universe: Workers 16 years and over</i>			
	Allocated:			
	One or more but not all geographic parts allocated.....	11945.....	5917.....	1
	All geographic parts allocated.....	11954.....	5926.....	2
	Not allocated.....	11963.....	5935.....	3
P124.	IMPUTATION OF ACTIVITY FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES(2) [2] <i>Universe: Persons 16 years and over</i>			
	Allocated.....	11972.....	5944.....	1
	Not allocated.....	11981.....	5953.....	2
P125.	IMPUTATION OF SCHOOL ATTENDANCE FOR THE LAST 6 MONTHS OF RESIDENCE IN THE UNITED STATES(2) [2] <i>Universe: Persons 5 years and over</i>			
	Allocated.....	11990.....	5962.....	1
	Not allocated.....	11999.....	5971.....	2
P126.	IMPUTATION OF LENGTH OF LAST STAY IN THE UNITED STATES(2) [2] <i>Universe: Persons 5 years and over</i>			
	Allocated.....	12008.....	5980.....	1
	Not allocated.....	12017.....	5989.....	2
P127.	IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(2) [2] <i>Universe: Workers 16 years and over</i>			
	Allocated.....	12026.....	5998.....	1
	Not allocated.....	12035.....	6007.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P128.	IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(3) [3] <i>Universe: Workers 16 years and over</i> Car, truck, or van:			
	Allocated.....	12044	6016.....	1
	Filler.....	12053	6025	
	End of Segment			
	Not allocated.....	12357	301	2
	Other means.....	12366	310.....	3
P129.	IMPUTATION OF TIME LEAVING HOME TO GO TO WORK(3) [3] <i>Universe: Workers 16 years and over</i> Did not work at home:			
	Allocated.....	12375	319.....	1
	Not allocated.....	12384	328.....	2
	Worked at home.....	12393	337.....	3
P130.	IMPUTATION OF TRAVEL TIME TO WORK(3) [3] <i>Universe: Workers 16 years and over</i> Did not work at home:			
	Allocated.....	12402	346.....	1
	Not allocated.....	12411	355.....	2
	Worked at home.....	12420	364.....	3
P131.	IMPUTATION OF EMPLOYMENT STATUS(2) [2] <i>Universe: Persons 16 years and over</i> Allocated.....	12429	373.....	1
	Not allocated	12438	382.....	2
P132.	IMPUTATION OF WORK STATUS IN 1989(2) [2] <i>Universe: Persons 16 years and over</i> Allocated.....	12447	391.....	1
	Not allocated	12456	400.....	2
P133.	IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989(3) [3] <i>Universe: Persons 16 years and over</i> Worked in 1989:			
	Allocated.....	12465	409.....	1
	Not allocated.....	12474	418.....	2
	Did not work in 1989.....	12483	427.....	3
P134.	IMPUTATION OF WEEKS WORKED IN 1989(3) [3] <i>Universe: Persons 16 years and over</i> Worked in 1989:			
	Allocated.....	12492	436.....	1
	Not allocated.....	12501	445.....	2
	Did not work in 1989.....	12510	454.....	3
P135.	IMPUTATION OF VOCATIONAL TRAINING(2) [2] <i>Universe: Persons 16 years and over</i> Allocated.....	12519	463.....	1
	Not allocated	12528	472.....	2
P136.	IMPUTATION OF INDUSTRY(2) [2] <i>Universe: Employed persons 16 years and over</i> Allocated.....	12537	481.....	1
	Not allocated	12546	490.....	2
P137.	IMPUTATION OF OCCUPATION(2) [2] <i>Universe: Employed persons 16 years and over</i> Allocated.....	12555	499.....	1
	Not allocated	12564	508.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
P138.	IMPUTATION OF CLASS OF WORKER(2) [2] <i>Universe: Employed persons 16 years and over</i>			
	Allocated.....	12573.....	517.....	1
	Not allocated.....	12582.....	526.....	2
P139.	IMPUTATION OF INCOME IN 1989(2) [2] <i>Universe: Persons 15 years and over</i>			
	Allocated.....	12591.....	535.....	1
	Not allocated.....	12600.....	544.....	2
P140.	IMPUTATION OF HOUSEHOLD INCOME IN 1989(2) [2] <i>Universe: Households</i>			
	Allocated.....	12609.....	553.....	1
	Not allocated.....	12618.....	562.....	2
P141.	IMPUTATION OF FAMILY INCOME IN 1989(2) [2] <i>Universe: Families</i>			
	Allocated.....	12627.....	571.....	1
	Not allocated.....	12636.....	580.....	2
P142.	IMPUTATION OF NONFAMILY HOUSEHOLD INCOME IN 1989(2) [2] <i>Universe: Nonfamily households</i>			
	Allocated.....	12645.....	589.....	1
	Not allocated.....	12654.....	598.....	2
P143.	IMPUTATION OF POVERTY STATUS IN 1989(2) [2] <i>Universe: Persons for whom poverty status is determined</i>			
	Allocated.....	12663.....	607.....	1
	Not allocated.....	2
H1.	HOUSING UNITS(1) [1] <i>Universe: Housing units</i>			
	Total.....	12681.....	625.....	1
PERCENT OF HOUSING UNITS(1) [1]				
H3.	100-PERCENT COUNT OF HOUSING UNITS(1) [1] <i>Universe: Housing units</i>			
	Total.....	12699.....	643.....	1
H3A.	PERCENT OF HOUSING UNITS IN SAMPLE(1) [1] 1 implied decimal(s) <i>Universe: Housing units</i>			
	Total.....	12708.....	652.....	1
H4.	OCCUPANCY STATUS(2) [2] <i>Universe: Housing units</i>			
	Occupied.....	12717.....	661.....	1
	Vacant.....	12726.....	670.....	2
H5.	URBAN AND RURAL(4) [4] <i>Universe: Housing units</i>			
	Urban:			
	Inside urbanized area.....	12735.....	679.....	1
	Outside urbanized area.....	12744.....	688.....	2
	Rural:			
	Farm.....	12753.....	697.....	3
	Nonfarm.....	12762.....	706.....	4

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H6.	CONDOMINIUM STATUS(2) BY VACANCY STATUS(4) [8] <i>Universe: Vacant housing units</i> Condominium:			
	For rent.....	12771	715.....	1,1
	For sale only.....	12780	724.....	1,2
	For seasonal, recreational, or occasional use.....	12789	733.....	1,3
	All other vacants.....	12798	742.....	1,4
	Not condominium: (Repeat VACANCY STATUS)	12807	751.....	2,1
H7.	CONDOMINIUM STATUS(2) BY TENURE AND MORTGAGE STATUS(3) [6] <i>Universe: Occupied housing units</i> Condominium:			
	Owner occupied:			
	With a mortgage.....	12843	787.....	1,1
	Not mortgaged.....	12852	796.....	1,2
	Renter occupied.....	12861	805.....	1,3
	Not condominium: (Repeat TENURE AND MORTGAGE STATUS).....	12870	814.....	2,1
H8.	TENURE(2) [2] <i>Universe: Occupied housing units</i>			
	Owner occupied.....	12897	841.....	1
	Renter occupied.....	12906	850.....	2
H9.	TENURE(2) BY AGE OF HOUSEHOLDER(7) [14] <i>Universe: Occupied housing units</i> Owner occupied:			
	15 to 24 years.....	12915	859.....	1,1
	25 to 34 years.....	12924	868.....	1,2
	35 to 44 years.....	12933	877.....	1,3
	45 to 54 years.....	12942	886.....	1,4
	55 to 64 years.....	12951	895.....	1,5
	65 to 74 years.....	12960	904.....	1,6
	75 years and over	12969	913.....	1,7
	Renter occupied: (Repeat AGE OF HOUSEHOLDER)	12978	922.....	2,1
H10.	ROOMS(9) [9] <i>Universe: Housing units</i>			
	1 room.....	13041	985.....	1
	2 rooms.....	13050	994.....	2
	3 rooms.....	13059	1003.....	3
	4 rooms.....	13068	1012.....	4
	5 rooms.....	13077	1021.....	5
	6 rooms.....	13086	1030.....	6
	7 rooms.....	13095	1039.....	7
	8 rooms.....	13104	1048.....	8
	9 or more rooms.....	13113	1057.....	9
H11.	AGGREGATE ROOMS(1) [1] <i>Universe: Housing units</i> Total	13122	1066.....	1
H12.	TENURE(2) BY PERSONS IN UNIT(7) [14] <i>Universe: Occupied housing units</i> Owner occupied:			
	1 person	13131	1075.....	1,1
	2 persons.....	13140	1084.....	1,2
	3 persons.....	13149	1093.....	1,3
	4 persons.....	13158	1102.....	1,4

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H12.	TENURE(2) BY PERSONS IN UNIT(7) [14]—Con.			
	5 persons	13167	1111	1,5
	6 persons	13176	1120	1,6
	7 or more persons	13185	1129	1,7
	Renter occupied: (Repeat PERSONS IN UNIT).....	13194	1138	2,1
H13.	AGGREGATE PERSONS(1) BY TENURE(2) [2] <i>Universe: Persons in occupied housing units</i>			
	Total:			
	Owner occupied	13257	1201	1,1
	Renter occupied	13266	1210	1,2
H14.	UNITS IN STRUCTURE(10) [10] <i>Universe: Housing units</i>			
	1, detached.....	13275	1219	1
	1, attached.....	13284	1228	2
	2.....	13293	1237	3
	3 or 4.....	13302	1246	4
	5 to 9.....	13311	1255	5
	10 to 19.....	13320	1264	6
	20 to 49.....	13329	1273	7
	50 or more.....	13338	1282	8
	Mobile home or trailer.....	13347	1291	9
	Other.....	13356	1300	10
H15.	UNITS IN STRUCTURE(10) [10] <i>Universe: Vacant housing units</i>			
	1, detached.....	13365	1309	1
	1, attached.....	13374	1318	2
	2.....	13383	1327	3
	3 or 4.....	13392	1336	4
	5 to 9.....	13401	1345	5
	10 to 19.....	13410	1354	6
	20 to 49.....	13419	1363	7
	50 or more.....	13428	1372	8
	Mobile home or trailer.....	13437	1381	9
	Other.....	13446	1390	10
H16.	TENURE(2) BY UNITS IN STRUCTURE(10) [20] <i>Universe: Occupied housing units</i>			
	Owner occupied:			
	1, detached.....	13455	1399	1,1
	1, attached	13464	1408	1,2
	2.....	13473	1417	1,3
	3 or 4	13482	1426	1,4
	5 to 9	13491	1435	1,5
	10 to 19	13500	1444	1,6
	20 to 49	13509	1453	1,7
	50 or more.....	13518	1462	1,8
	Mobile home or trailer	13527	1471	1,9
	Other	13536	1480	1,10
	Renter occupied: (Repeat UNITS IN STRUCTURE).....	13545	1489	2,1
H17.	WATER SUPPLY(3) [3] <i>Universe: Housing units</i>			
	Hot and cold piped water	13635	1579	1
	Only cold piped water.....	13644	1588	2
	No piped water.....	13653	1597	3

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H18.	TOILET FACILITIES(3) [3] <i>Universe: Housing units</i>			
	Flush toilet.....	13662.....	1606.....	1
	Privy.....	13671.....	1615.....	2
	Other or none.....	13680.....	1624.....	3
H19.	BATHTUB OR SHOWER(2) [2] <i>Universe: Housing units</i>			
	Bathtub or shower.....	13689.....	1633.....	1
	No bathtub or shower.....	13698.....	1642.....	2
H20.	SOURCE OF WATER(4) [4] <i>Universe: Housing units</i>			
	Public system.....	13707.....	1651.....	1
	Individual well.....	13716.....	1660.....	2
	Cistern, tanks, or drums.....	13725.....	1669.....	3
	Spring or other source.....	13734.....	1678.....	4
H21.	SEWAGE DISPOSAL(3) [3] <i>Universe: Housing units</i>			
	Public sewer.....	13743.....	1687.....	1
	Septic tank or cesspool.....	13752.....	1696.....	2
	Other means.....	13761.....	1705.....	3
H22.	YEAR STRUCTURE BUILT(8) [8] <i>Universe: Housing units</i>			
	1989 to March 1990.....	13770.....	1714.....	1
	1985 to 1988.....	13779.....	1723.....	2
	1980 to 1984.....	13788.....	1732.....	3
	1970 to 1979.....	13797.....	1741.....	4
	1960 to 1969.....	13806.....	1750.....	5
	1950 to 1959.....	13815.....	1759.....	6
	1940 to 1949.....	13824.....	1768.....	7
	1939 or earlier.....	13833.....	1777.....	8
H22A.	MEDIAN YEAR STRUCTURE BUILT(1) [1] <i>Universe: Housing units</i>			
	Median year structure built.....	13842.....	1786.....	1
H23.	YEAR STRUCTURE BUILT(8) [8] <i>Universe: Vacant housing units</i>			
	1989 to March 1990.....	13851.....	1795.....	1
	1985 to 1988.....	13860.....	1804.....	2
	1980 to 1984.....	13869.....	1813.....	3
	1970 to 1979.....	13878.....	1822.....	4
	1960 to 1969.....	13887.....	1831.....	5
	1950 to 1959.....	13896.....	1840.....	6
	1940 to 1949.....	13905.....	1849.....	7
	1939 or earlier.....	13914.....	1858.....	8
H24.	TENURE(2) BY YEAR STRUCTURE BUILT(8) [16] <i>Universe: Occupied housing units</i>			
	Owner occupied:			
	1989 to March 1990.....	13923.....	1867.....	1,1
	1985 to 1988.....	13932.....	1876.....	1,2
	1980 to 1984.....	13941.....	1885.....	1,3
	1970 to 1979.....	13950.....	1894.....	1,4
	1960 to 1969.....	13959.....	1903.....	1,5
	1950 to 1959.....	13968.....	1912.....	1,6
	1940 to 1949.....	13977.....	1921.....	1,7
	1939 or earlier.....	13986.....	1930.....	1,8
	Renter occupied:			
	(Repeat YEAR STRUCTURE BUILT).....	13995.....	1939.....	2,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H25.	YEAR HOUSEHOLDER MOVED INTO UNIT(6) [6] <i>Universe: Occupied housing units</i>			
	1989 to March 1990	14067.....	2011	1
	1985 to 1988.....	14076.....	2020	2
	1980 to 1984.....	14085.....	2029	3
	1970 to 1979.....	14094.....	2038	4
	1960 to 1969.....	14103.....	2047	5
	1959 or earlier.....	14112.....	2056	6
H26.	TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) [12] <i>Universe: Occupied housing units</i>			
	Owner occupied:			
	1989 to March 1990.....	14121.....	2065	1,1
	1985 to 1988	14130.....	2074	1,2
	1980 to 1984	14139.....	2083	1,3
	1970 to 1979	14148.....	2092	1,4
	1960 to 1969	14157.....	2101	1,5
	1959 or earlier	14166.....	2110	1,6
	Renter occupied:			
	(Repeat YEAR HOUSEHOLDER MOVED INTO UNIT)	14175.....	2119	2,1
H27.	BEDROOMS(6) [6] <i>Universe: Housing units</i>			
	No bedroom.....	14229.....	2173	1
	1 bedroom.....	14238.....	2182	2
	2 bedrooms	14247.....	2191	3
	3 bedrooms	14256.....	2200	4
	4 bedrooms	14265.....	2209	5
	5 or more bedrooms.....	14274.....	2218	6
H28.	BEDROOMS(6) [6] <i>Universe: Vacant housing units</i>			
	No bedroom.....	14283.....	2227	1
	1 bedroom.....	14292.....	2236	2
	2 bedrooms	14301.....	2245	3
	3 bedrooms	14310.....	2254	4
	4 bedrooms	14319.....	2263	5
	5 or more bedrooms.....	14328.....	2272	6
H29.	TENURE(2) BY BEDROOMS(6) [12] <i>Universe: Occupied housing units</i>			
	Owner occupied:			
	No bedroom.....	14337.....	2281	1,1
	1 bedroom	14346.....	2290	1,2
	2 bedrooms.....	14355.....	2299	1,3
	3 bedrooms.....	14364.....	2308	1,4
	4 bedrooms.....	14373.....	2317	1,5
	5 or more bedrooms.....	14382.....	2326	1,6
	Renter occupied:			
	(Repeat BEDROOMS)	14391.....	2335	2,1
H30.	BEDROOMS(4) BY GROSS RENT(7) [28] <i>Universe: Specified renter-occupied housing units</i>			
	No bedroom:			
	With cash rent:			
	Less than \$100.....	14445.....	2389	1,1
	\$100 to \$199.....	14454.....	2398	1,2
	\$200 to \$299.....	14463.....	2407	1,3
	\$300 to \$499.....	14472.....	2416	1,4
	\$500 to \$749.....	14481.....	2425	1,5
	\$750 or more.....	14490.....	2434	1,6
	No cash rent	14499.....	2443	1,7

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H30.	BEDROOMS(4) BY GROSS RENT(7) [28]—Con.			
	1 bedroom:			
	(Repeat GROSS RENT)	14508	2452.....	2,1
	2 bedrooms:			
	(Repeat GROSS RENT)	14571	2515.....	3,1
	3 or more bedrooms:			
	(Repeat GROSS RENT)	14634	2578.....	4,1
H31.	BATHROOMS(5) [5]			
	<i>Universe: Housing units</i>			
	None.....	14697	2641.....	1
	Only half bathroom.....	14706	2650.....	2
	1 complete bathroom.....	14715	2659.....	3
	1 complete bathroom, plus half bath(s)	14724	2668.....	4
	2 or more complete bathrooms.....	14733	2677.....	5
H32.	TYPE OF WATER HEATER(5) [5]			
	<i>Universe: Occupied housing units</i>			
	Electric-tank type.....	14742	2686.....	1
	Shower.....	14751	2695.....	2
	Solar.....	14760	2704.....	3
	Other.....	14769	2713.....	4
	None.....	14778	2722.....	5
H33.	TYPE OF COOKING FUEL(3) [3]			
	<i>Universe: Occupied housing units</i>			
	Electricity	14787	2731.....	1
	Gas.....	14796	2740.....	2
	Other.....	14805	2749.....	3
H34.	TENURE(2) BY TELEPHONE IN HOUSING UNIT(2) [4]			
	<i>Universe: Occupied housing units</i>			
	Owner occupied:			
	With telephone	14814	2758.....	1,1
	No telephone.....	14823	2767.....	1,2
	Renter occupied:			
	(Repeat TELEPHONE IN HOUSING UNIT)	14832	2776.....	2,1
H35.	AGE OF HOUSEHOLDER(4) BY TELEPHONE IN HOUSING UNIT(2) [8]			
	<i>Universe: Occupied housing units</i>			
	15 to 59 years:			
	With telephone	14850	2794.....	1,1
	No telephone.....	14859	2803.....	1,2
	60 to 64 years:			
	(Repeat TELEPHONE IN HOUSING UNIT)	14868	2812.....	2,1
	65 to 74 years:			
	(Repeat TELEPHONE IN HOUSING UNIT)	14886	2830.....	3,1
	75 years and over:			
	(Repeat TELEPHONE IN HOUSING UNIT)	14904	2848.....	4,1
H36.	AIR CONDITIONING(4) [4]			
	<i>Universe: Housing units</i>			
	Central system.....	14922	2866.....	1
	1 individual room unit.....	14931	2875.....	2
	2 or more individual room units.....	14940	2884.....	3
	None.....	14949	2893.....	4

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H37.	TENURE(2) BY VEHICLES AVAILABLE(5) [10] <i>Universe: Occupied housing units</i> Owner occupied:			
	None.....	14958.....	2902.....	1,1
	1.....	14967.....	2911.....	1,2
	2.....	14976.....	2920.....	1,3
	3.....	14985.....	2929.....	1,4
	4 or more.....	14994.....	2938.....	1,5
	Renter occupied: (Repeat VEHICLES AVAILABLE)	15003.....	2947.....	2,1
H38.	AGGREGATE VEHICLES AVAILABLE(1) BY TENURE(2) [2] <i>Universe: Occupied housing units</i> Total:			
	Owner occupied	15048.....	2992.....	1,1
	Renter occupied	15057.....	3001.....	1,2
H39.	AGE OF HOUSEHOLDER(2) BY VEHICLES AVAILABLE(2) [4] <i>Universe: Occupied housing units</i> 15 to 64 years:			
	None.....	15066.....	3010.....	1,1
	1 or more.....	15075.....	3019.....	1,2
	65 years and over: (Repeat VEHICLES AVAILABLE)	15084.....	3028.....	2,1
H40.	KITCHEN FACILITIES(2) [2] <i>Universe: Housing units</i> Complete kitchen facilities..... Lacking complete kitchen facilities.....	15102..... 15111.....	3046..... 3055.....	1 2
H41.	GROSS RENT(17) [17] <i>Universe: Specified renter-occupied housing units</i> With cash rent:			
	Less than \$100.....	15120.....	3064.....	1
	\$100 to \$149.....	15129.....	3073.....	2
	\$150 to \$199.....	15138.....	3082.....	3
	\$200 to \$249.....	15147.....	3091.....	4
	\$250 to \$299.....	15156.....	3100.....	5
	\$300 to \$349.....	15165.....	3109.....	6
	\$350 to \$399.....	15174.....	3118.....	7
	\$400 to \$449.....	15183.....	3127.....	8
	\$450 to \$499.....	15192.....	3136.....	9
	\$500 to \$549.....	15201.....	3145.....	10
	\$550 to \$599.....	15210.....	3154.....	11
	\$600 to \$649.....	15219.....	3163.....	12
	\$650 to \$699.....	15228.....	3172.....	13
	\$700 to \$749.....	15237.....	3181.....	14
	\$750 to \$999.....	15246.....	3190.....	15
	\$1,000 or more.....	15255.....	3199.....	16
	No cash rent.....	15264.....	3208.....	17
H41A.	MEDIAN GROSS RENT(1) [1] <i>Universe: Specified renter-occupied housing units paying cash rent</i> Median gross rent.....	15273.....	3217.....	1
H42.	AGGREGATE GROSS RENT(1) [1] <i>Universe: Specified renter-occupied housing units paying cash rent</i> Total.....	15282.....	3226.....	1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H43.	INCLUSION OF UTILITIES IN RENT(2) [2] <i>Universe: Specified renter-occupied housing units</i>			
	Pay extra for 1 or more utilities	15297	3241	1
	No extra payment for any utilities	15306	3250	2
H44.	HOUSEHOLD INCOME IN 1989(5) BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) [30] <i>Universe: Specified renter-occupied housing units</i>			
	Less than \$2,500:			
	Less than 20 percent	15315	3259	1,1
	20 to 24 percent	15324	3268	1,2
	25 to 29 percent	15333	3277	1,3
	30 to 34 percent	15342	3286	1,4
	35 percent or more	15351	3295	1,5
	Not computed	15360	3304	1,6
	\$2,500 to \$4,999: (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	15369	3313	2,1
	\$5,000 to \$9,999: (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	15423	3367	3,1
	\$10,000 to \$19,999: (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	15477	3421	4,1
	\$20,000 or more: (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	15531	3475	5,1
H44A.	MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) [1] 1 implied decimal(s) <i>Universe: Specified renter-occupied housing units paying cash rent</i>			
	Median gross rent as a percentage of household income in 1989	15585	3529	1
H45.	AGE OF HOUSEHOLDER(2) BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) [12] <i>Universe: Specified renter-occupied housing units</i>			
	15 to 64 years:			
	Less than 20 percent	15594	3538	1,1
	20 to 24 percent	15603	3547	1,2
	25 to 29 percent	15612	3556	1,3
	30 to 34 percent	15621	3565	1,4
	35 percent or more	15630	3574	1,5
	Not computed	15639	3583	1,6
	65 years and over: (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	15648	3592	2,1
H46.	MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(20) [20] <i>Universe: Specified owner-occupied housing units</i>			
	With a mortgage:			
	Less than \$100	15702	3646	1
	\$100 to \$149	15711	3655	2
	\$150 to \$199	15720	3664	3
	\$200 to \$249	15729	3673	4
	\$250 to \$299	15738	3682	5
	\$300 to \$349	15747	3691	6
	\$350 to \$399	15756	3700	7
	\$400 to \$499	15765	3709	8

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H46.	MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(20) [20]—Con.			
	\$500 to \$599	15774	3718	9
	\$600 to \$699	15783	3727	10
	\$700 to \$899	15792	3736	11
	\$900 or more	15801	3745	12
	Not mortgaged:			
	Less than \$50	15810	3754	13
	\$50 to \$99	15819	3763	14
	\$100 to \$149	15828	3772	15
	\$150 to \$199	15837	3781	16
	\$200 to \$249	15846	3790	17
	\$250 to \$299	15855	3799	18
	\$300 to \$349	15864	3808	19
	\$350 or more	15873	3817	20
H46A.	MEDIAN SELECTED MONTHLY OWNER COSTS AND MORTGAGE STATUS(2) [2]			
	<i>Universe: Specified owner-occupied housing units</i>			
	With a mortgage	15882	3826	1
	Not mortgaged	15891	3835	2
H47.	AGGREGATE SELECTED MONTHLY OWNER COSTS(1) BY MORTGAGE STATUS(2) [2]			
	<i>Universe: Specified owner-occupied housing units</i>			
	Total:			
	With a mortgage	15900	3844	1,1
	Not mortgaged	15915	3859	1,2
H48.	AGGREGATE SELECTED MONTHLY OWNER COSTS(1) BY MORTGAGE STATUS(2) [2]			
	<i>Universe: Owner-occupied condominium housing units</i>			
	Total:			
	With a mortgage	15930	3874	1,1
	Not mortgaged	15945	3889	1,2
H49.	MORTGAGE STATUS(2) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) [12]			
	<i>Universe: Specified owner-occupied housing units</i>			
	With a mortgage:			
	Less than 20 percent	15960	3904	1,1
	20 to 24 percent	15969	3913	1,2
	25 to 29 percent	15978	3922	1,3
	30 to 34 percent	15987	3931	1,4
	35 percent or more	15996	3940	1,5
	Not computed	16005	3949	1,6
	Not mortgaged:			
	(Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	16014	3958	2,1
H49A.	MEDIAN SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 AND MORTGAGE STATUS(2) [2]			
	1 implied decimal(s)			
	<i>Universe: Specified owner-occupied housing units</i>			
	With a mortgage	16068	4012	1
	Not mortgaged	16077	4021	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H50.	HOUSEHOLD INCOME IN 1989(5) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) [30] <i>Universe: Specified owner-occupied housing units</i>			
	Less than \$2,500:			
	Less than 20 percent	16086	4030	1,1
	20 to 24 percent	16095	4039	1,2
	25 to 29 percent	16104	4048	1,3
	30 to 34 percent	16113	4057	1,4
	35 percent or more	16122	4066	1,5
	Not computed	16131	4075	1,6
	\$2,500 to \$4,999: (Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	16140	4084	2,1
	\$5,000 to \$9,999: (Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	16194	4138	3,1
	\$10,000 to \$19,999: (Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	16248	4192	4,1
	\$20,000 or more: (Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	16302	4246	5,1
H51.	AGE OF HOUSEHOLDER(2) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) [12] <i>Universe: Specified owner-occupied housing units</i>			
	15 to 64 years:			
	Less than 20 percent	16356	4300	1,1
	20 to 24 percent	16365	4309	1,2
	25 to 29 percent	16374	4318	1,3
	30 to 34 percent	16383	4327	1,4
	35 percent or more	16392	4336	1,5
	Not computed	16401	4345	1,6
	65 years and over: (Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)	16410	4354	2,1
H52.	VALUE(21) [21] <i>Universe: Specified owner-occupied housing units</i>			
	Less than \$10,000	16464	4408	1
	\$10,000 to \$14,999	16473	4417	2
	\$15,000 to \$19,999	16482	4426	3
	\$20,000 to \$24,999	16491	4435	4
	\$25,000 to \$29,999	16500	4444	5
	\$30,000 to \$34,999	16509	4453	6
	\$35,000 to \$39,999	16518	4462	7
	\$40,000 to \$44,999	16527	4471	8
	\$45,000 to \$49,999	16536	4480	9
	\$50,000 to \$59,999	16545	4489	10
	\$60,000 to \$74,999	16554	4498	11
	\$75,000 to \$99,999	16563	4507	12
	\$100,000 to \$124,999	16572	4516	13
	\$125,000 to \$149,999	16581	4525	14
	\$150,000 to \$174,999	16590	4534	15
	\$175,000 to \$199,999	16599	4543	16
	\$200,000 to \$249,999	16608	4552	17
	\$250,000 to \$299,999	16617	4561	18
	\$300,000 to \$399,999	16626	4570	19

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H52.	VALUE(21) [21]—Con. \$400,000 to \$499,999..... \$500,000 or more.....	16635..... 16644.....	4579 4588	20 21
H52A.	MEDIAN VALUE(1) [1] <i>Universe: Specified owner-occupied housing units</i> Median value.....	16653.....	4597	1
H53.	AGGREGATE VALUE(1) BY MORTGAGE STATUS(2) [2] <i>Universe: Specified owner-occupied housing units</i> Total: With a mortgage..... Not mortgaged.....	16662..... 16677.....	4606 4621	1,1 1,2
H54.	AGGREGATE HOUSEHOLD INCOME IN 1989(1) BY TENURE AND MORTGAGE STATUS(3) [3] <i>Universe: Occupied housing units</i> Total: Owner occupied: With a mortgage..... Not mortgaged..... Renter occupied.....	16692..... 16707..... 16722.....	4636 4651 4666	1,1 1,2 1,3
H55.	PLUMBING FACILITIES(2) [2] <i>Universe: Housing units</i> Complete plumbing facilities..... Lacking complete plumbing facilities.....	16737..... 16746.....	4681 4690	1 2
H56.	PLUMBING FACILITIES(2) [2] <i>Universe: Vacant housing units</i> Complete plumbing facilities..... Lacking complete plumbing facilities.....	16755..... 16764.....	4699 4708	1 2
H57.	AGE OF HOUSEHOLDER(2) BY PLUMBING FACILITIES(2) [4] <i>Universe: Occupied housing units</i> 15 to 64 years: Complete plumbing facilities..... Lacking complete plumbing facilities..... 65 years and over: (Repeat PLUMBING FACILITIES).....	16773..... 16782..... 16791.....	4717 4726 4735	1,1 1,2 2,1
H58.	TENURE(2) BY PLUMBING FACILITIES(2) BY PERSONS PER ROOM(3) [12] <i>Universe: Occupied housing units</i> Owner occupied: Complete plumbing facilities: 1.00 or less..... 1.01 to 1.50..... 1.51 or more..... Lacking complete plumbing facilities: (Repeat PERSONS PER ROOM)..... Renter occupied: (Repeat PLUMBING FACILITIES By PERSONS PER ROOM).....	16809..... 16818..... 16827..... 16836..... 16863.....	4753 4762 4771 4780 4807	1,1,1 1,1,2 1,1,3 1,2,1 2,1,1
H59.	PLUMBING FACILITIES(2) BY UNITS IN STRUCTURE(10) [20] <i>Universe: Housing units</i> Complete plumbing facilities: 1, detached..... 1, attached..... 2..... 3 or 4..... 5 to 9..... 10 to 19.....	16917..... 16926..... 16935..... 16944..... 16953..... 16962.....	4861 4870 4879 4888 4897 4906	1,1 1,2 1,3 1,4 1,5 1,6

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H59.	PLUMBING FACILITIES(2) BY UNITS IN STRUCTURE(10) [20]—Con.			
	20 to 49.....	16971	4915.....	1,7
	50 or more.....	16980	4924.....	1,8
	Mobile home or trailer.....	16989	4933.....	1,9
	Other.....	16998	4942.....	1,10
	Lacking complete plumbing facilities: (Repeat UNITS IN STRUCTURE)	17007	4951.....	2,1
H60.	PLUMBING FACILITIES(2) BY PERSONS PER ROOM(2) BY YEAR STRUCTURE BUILT(2) [8] <i>Universe: Occupied housing units</i> Complete plumbing facilities:			
	1.00 or less:			
	1940 to March 1990	17097	5041.....	1,1,1
	1939 or earlier.....	17106	5050.....	1,1,2
	1.01 or more: (Repeat YEAR STRUCTURE BUILT)	17115	5059.....	1,2,1
	Lacking complete plumbing facilities: (Repeat PERSONS PER ROOM BY YEAR STRUCTURE BUILT).....	17133	5077.....	2,1,1
H61.	TYPE OF CONSTRUCTION(6) [6] <i>Universe: Housing units</i> Concrete walls:			
	With concrete slab roof.....	17169	5113.....	1
	With wood frame roof	17178	5122.....	2
	Wood frame walls:			
	With concrete foundation	17187	5131.....	3
	With wood stilt foundation.....	17196	5140.....	4
	Mixed concrete and wood walls	17205	5149.....	5
	Other type of construction material.....	17214	5158.....	6
H62.	TYPE OF CONSTRUCTION(6) [6] <i>Universe: Vacant housing units</i> Concrete walls:			
	With concrete slab roof.....	17223	5167.....	1
	With wood frame roof	17232	5176.....	2
	Wood frame walls:			
	With concrete foundation	17241	5185.....	3
	With wood stilt foundation.....	17250	5194.....	4
	Mixed concrete and wood walls	17259	5203.....	5
	Other type of construction material.....	17268	5212.....	6
H63.	TENURE(2) BY TYPE OF CONSTRUCTION(6) [12] <i>Universe: Occupied housing units</i> Owner occupied:			
	Concrete walls:			
	With concrete slab roof.....	17277	5221.....	1,1
	With wood frame roof	17286	5230.....	1,2
	Wood frame walls:			
	With concrete foundation	17295	5239.....	1,3
	With wood stilt foundation.....	17304	5248.....	1,4
	Mixed concrete and wood walls.....	17313	5257.....	1,5
	Other type of construction material	17322	5266.....	1,6
	Renter occupied: (Repeat TYPE OF CONSTRUCTION)	17331	5275.....	2,1

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H64.	CONDITION OF HOUSING UNIT(4) [4] <i>Universe: Housing units</i> Adequate original construction:			
	Sound.....	17385.....	5329.....	1
	Deteriorating.....	17394.....	5338.....	2
	Dilapidated.....	17403.....	5347.....	3
	Inadequate original construction.....	17412.....	5356.....	4
H65.	CONDITION OF HOUSING UNIT(4) [4] <i>Universe: Vacant housing units</i> Adequate original construction:			
	Sound.....	17421.....	5365.....	1
	Deteriorating.....	17430.....	5374.....	2
	Dilapidated.....	17439.....	5383.....	3
	Inadequate original construction.....	17448.....	5392.....	4
H66.	TENURE(2) BY CONDITION OF HOUSING UNIT(4) [8] <i>Universe: Occupied housing units</i> Owner occupied:			
	Adequate original construction:			
	Sound.....	17457.....	5401.....	1,1
	Deteriorating.....	17466.....	5410.....	1,2
	Dilapidated.....	17475.....	5419.....	1,3
	Inadequate original construction.....	17484.....	5428.....	1,4
	Renter occupied:			
	(Repeat CONDITION OF HOUSING UNIT).....	17493.....	5437.....	2,1
H67.	IMPUTATION OF HOUSING ITEMS(2) [2] <i>Universe: Housing units</i> No items allocated.....	17529.....	5473.....	1
	One or more items allocated.....	17538.....	5482.....	2
H68.	IMPUTATION OF CONDOMINIUM STATUS(2) [2] <i>Universe: Housing units</i> Allocated.....	17547.....	5491.....	1
	Not allocated.....	17556.....	5500.....	2
H69.	IMPUTATION OF PLUMBING FACILITIES(2) [2] <i>Universe: Housing units</i> Allocated.....	17565.....	5509.....	1
	Not allocated.....	17574.....	5518.....	2
H70.	IMPUTATION OF WATER SUPPLY(2) [2] <i>Universe: Housing units</i> Allocated.....	17583.....	5527.....	1
	Not allocated.....	17592.....	5536.....	2
H71.	IMPUTATION OF TOILET FACILITIES(2) [2] <i>Universe: Housing units</i> Allocated.....	17601.....	5545.....	1
	Not allocated.....	17610.....	5554.....	2
H72.	IMPUTATION OF BATHTUB OR SHOWER(2) [2] <i>Universe: Housing units</i> Allocated.....	17619.....	5563.....	1
	Not allocated.....	17628.....	5572.....	2
H73.	IMPUTATION OF SOURCE OF WATER(2) [2] <i>Universe: Housing units</i> Allocated.....	17637.....	5581.....	1
	Not allocated.....	17646.....	5590.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H74.	IMPUTATION OF SEWAGE DISPOSAL(2) [2] <i>Universe: Housing units</i>			
	Allocated	17655	5599.....	1
	Not allocated	17664	5608.....	2
H75.	IMPUTATION OF YEAR STRUCTURE BUILT(2) [2] <i>Universe: Housing units</i>			
	Allocated	17673	5617.....	1
	Not allocated	17682	5626.....	2
H76.	IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(2) [2] <i>Universe: Occupied housing units</i>			
	Allocated	17691	5635.....	1
	Not allocated	17700	5644.....	2
H77.	IMPUTATION OF BATHROOMS(2) [2] <i>Universe: Housing units</i>			
	Allocated	17709	5653.....	1
	Not allocated	17718	5662.....	2
H78.	IMPUTATION OF TYPE OF WATER HEATER(2) [2] <i>Universe: Housing units</i>			
	Allocated	17727	5671.....	1
	Not allocated	17736	5680.....	2
H79.	IMPUTATION OF COOKING FUEL(2) [2] <i>Universe: Occupied housing units</i>			
	Allocated	17745	5689.....	1
	Not allocated	17754	5698.....	2
H80.	IMPUTATION OF KITCHEN FACILITIES(2) [2] <i>Universe: Housing units</i>			
	Allocated	17763	5707.....	1
	Not allocated	17772	5716.....	2
H81.	IMPUTATION OF BEDROOMS(2) [2] <i>Universe: Housing units</i>			
	Allocated	17781	5725.....	1
	Not allocated	17790	5734.....	2
H82.	IMPUTATION OF TELEPHONE IN HOUSING UNIT(2) [2] <i>Universe: Occupied housing units</i>			
	Allocated	17799	5743.....	1
	Not allocated	17808	5752.....	2
H83.	IMPUTATION OF AIR CONDITIONING(2) [2] <i>Universe: Occupied housing units</i>			
	Allocated	17817	5761.....	1
	Not allocated	17826	5770.....	2
H84.	IMPUTATION OF VEHICLES AVAILABLE(2) [2] <i>Universe: Occupied housing units</i>			
	Allocated	17835	5779.....	1
	Not allocated	17844	5788.....	2
H85.	IMPUTATION OF MORTGAGE STATUS(2) [2] <i>Universe: Specified owner-occupied housing units</i>			
	Allocated	17853	5797.....	1
	Not allocated	17862	5806.....	2
H86.	IMPUTATION OF TENURE(2) [2] <i>Universe: Occupied housing units</i>			
	Allocated	17871	5815.....	1
	Not allocated	17880	5824.....	2

TABLE (MATRIX) SECTION—Con.

Table (matrix) number	Table (matrix)	Starting position	Starting position within segment	Table (matrix) coordinates
H87.	IMPUTATION OF VACANCY STATUS(2) [2] <i>Universe: Vacant housing units</i>			
	Allocated.....	17889.....	5833.....	1
	Not allocated.....	17898.....	5842.....	2
H88.	IMPUTATION OF ROOMS(2) [2] <i>Universe: Housing units</i>			
	Allocated.....	17907.....	5851.....	1
	Not allocated.....	17916.....	5860.....	2
H89.	IMPUTATION OF UNITS IN STRUCTURE(2) [2] <i>Universe: Housing units</i>			
	Allocated.....	17925.....	5869.....	1
	Not allocated.....	17934.....	5878.....	2
H90.	IMPUTATION OF VALUE(2) [2] <i>Universe: Specified owner-occupied housing units</i>			
	Allocated.....	17943.....	5887.....	1
	Not allocated.....	17952.....	5896.....	2
H91.	IMPUTATION OF GROSS RENT(2) [2] <i>Universe: Specified renter-occupied housing units</i>			
	Allocated.....	17961.....	5905.....	1
	Not allocated.....	17970.....	5914.....	2
H92.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(4) [4] <i>Universe: Specified owner-occupied housing units</i>			
	With a mortgage:			
	Allocated.....	17979.....	5923.....	1
	Not allocated.....	17988.....	5932.....	2
	Not mortgaged:			
	Allocated.....	17997.....	5941.....	3
	Not allocated.....	18006.....	5950.....	4
H93.	IMPUTATION OF TYPE OF CONSTRUCTION(2) [2] <i>Universe: Housing units</i>			
	Allocated.....	18015.....	5959.....	1
	Not allocated.....	18024.....	5968.....	2
H94.	IMPUTATION OF CONDITION OF HOUSING UNIT(2) [2] <i>Universe: Housing units</i>			
	Allocated.....	18033.....	5977.....	1
	Not allocated.....	18042.....	5986.....	2
	Filler.....	18051.....	5995	
	End of Record			

APPENDIX A. Area Classifications

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These definitions are for all geographic entities and concepts that the Census Bureau will include in its standard 1990 census data products for Puerto Rico. Not all entities and concepts are shown in any one 1990 census data product. For a description of geographic areas included in each data product, see appendix F.

AREA MEASUREMENT

Area measurements provide the size, in square kilometers (also in square miles in printed reports), recorded for each geographic entity for which the Census Bureau tabulates data in general-purpose data products (except crews-of-vessels entities). (Square kilometers may be

divided by 2.59 to convert an area measurement to square miles.) Area was calculated from the specific set of boundaries recorded for the entity in the Census Bureau's geographic data base (see "TIGER"). On machine-readable files, area measurements are shown to three decimal places; the decimal point is implied. In printed reports and listings, area measurements are shown to one decimal.

The Census Bureau provides measurements for both land area and total water area for the 1990 census; the water figure for Puerto Rico includes inland, coastal, and territorial water. (For the 1980 census, the Census Bureau provided area measurements for land and inland water.) The Census Bureau will provide measurements for the component types of water for the affected entities in a separate file. "Inland water" consists of any lake, reservoir, pond, or similar body of water that is recorded in the Census Bureau's geographic data base. It also includes any river, creek, canal, stream, or similar feature that is recorded in that data base as a two-dimensional feature (rather than as a single line). The portions of the ocean, related large embayments, and the Caribbean Sea that belong to the United States and its territories are considered to be "coastal" and "territorial" water. 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 statistical purposes, and does not necessarily reflect legal definitions thereof.

By definition, census blocks do not include water within their boundaries; therefore, the water area of a block is always zero. Land area measurements may disagree with the information displayed on census maps and in the TIGER File because, for area measurement purposes, features identified as "intermittent water" 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 municipio subdivision but is not assigned to any census

tract. Crews-of-vessels entities (see "Census Tract and Block Numbering Area" and "Block") do not encompass territory and therefore have no area measurements.

The accuracy of any area measurement figure is limited by the inaccuracy inherent in (1) the location and shape of the various boundary features in the data base, and (2) rounding affecting the last digit in all operations that compute and/or sum the area measurements.

BLOCK

Census blocks are small areas bounded on all sides by visible features such as streets, roads, and streams and by invisible boundaries such as municipio and barrio limits, property lines, and short, imaginary extensions of streets and roads.

Tabulation blocks, used in census data products, are in most cases the same as collection blocks, used in the census enumeration. In some cases, collection blocks have been "split" into two or more parts required for data tabulations. Tabulation blocks do not cross the boundaries of municipios, municipio subdivisions, places, census tracts or block numbering areas, voting districts, urban or rural areas, or urbanized areas. The 1990 census is the first for which all of Puerto Rico is block-numbered.

Blocks are numbered uniquely within each census tract or BNA. A block is identified by a three-digit number, sometimes with a single alphabetical suffix. Block numbers with suffixes generally represent collection blocks that were "split" in order to identify separate geographic entities that divide the original block. For example, when a barrio boundary runs through data collection block 101, the data for the portion inside one barrio is tabulated in block 101A and the portion in the other barrio, in block 101B. A block number with the suffix "Z" represents a "crews-of-vessels" entity for which the Census Bureau tabulates data, but that does not represent a true geographic area; such a block is shown on census maps associated with an anchor symbol and a census tract or block numbering area with a .99 suffix. Some block group records may not have any block numbers associated with them; this occurs where the entire area of the block group consists only of water.

BLOCK GROUP (BG)

Geographic Block Group

A geographic block group (BG) is a cluster of blocks having the same first digit of their identifying numbers within a census tract or block numbering area (BNA). For example, BG 3 within a census tract or BNA includes all blocks numbered between 301 and 397. In most cases, the numbering involves substantially fewer

than 97 blocks. Geographic BG's never cross census tract or BNA boundaries, but may cross the boundaries of municipio subdivisions, places, urbanized areas, and voting districts. BG's generally contain between 250 and 550 housing units, with the ideal size being 400 housing units. Local officials delineated BG's for the 1990 census using Census Bureau guidelines.

Tabulation Block Group

In the data tabulations, a geographic BG may be split to present data for every unique combination of municipio subdivision, place, urbanized area, voting district, and urban/ rural shown in the data product; for example, if BG 3 is located in two barrios, there will be separate tabulated records for each portion of BG 3. BG's are used in tabulating decennial census data throughout Puerto Rico for the 1990 census, but only in block-numbered areas for the 1980 census. For purposes of data presentation, BG's are a substitute for the enumeration districts (ED's) used for reporting data in many parts of Puerto Rico for the 1980 census and throughout Puerto Rico for pre-1980 censuses.

BOUNDARY CHANGES

The boundaries of some places changed from those reported for the 1980 census. The historical counts shown for places are not updated for such changes, and thus reflect the population and housing units in the area as delineated at each census. Boundary changes are not reported for statistical areas.

CENSUS TRACT AND BLOCK NUMBERING AREA

Block Numbering Area (BNA)

Block numbering areas (BNA's) are small statistical subdivisions of a municipio for grouping and numbering blocks in municipios that do not have census tracts. The Puerto Rico Planning Board and the Census Bureau delineated BNA's for the 1990 census, using guidelines similar to those for the delineation of census tracts. BNA's do not cross municipio boundaries.

BNA's are identified by a four-digit basic number and may have a two-digit suffix; for example, 9901.07. The decimal point separating the four-digit basic BNA number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many BNA's do not have a suffix; in such cases, the suffix field is left blank in all data products. BNA numbers range from 9501 through 9989.99, and are unique within a municipio (numbers in the range of 0001 through 9499.99 denote a census tract). The suffix .99 identifies a BNA that was populated entirely by persons aboard one or more

civilian or military ships. A "crews-of-vessels" BNA appears on census maps only as an anchor symbol with its BNA number (and block numbers on maps showing block numbers); the BNA relates to the ships associated with the onshore BNA's having the same four-digit basic number. Suffixes in the range .80 through .98 identify BNA's that either were revised or were created during the 1990 census data collection activities. Some of these revisions produced BNA's that have extremely small land area and may have little or no population or housing. For data analysis, such a BNA can be summarized with an adjacent BNA.

Census Tract

Census tracts are small, relatively permanent statistical subdivisions of a municipio. Census tracts in Puerto Rico are delineated for all metropolitan areas (MA's) and other highly populated municipios by the Puerto Rico Planning Board, in consultation with municipio officials and following Census Bureau guidelines. Census tracts usually have between 2,500 and 8,000 persons and, when first delineated, are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. Census tracts do not cross municipio boundaries. 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 a long time so that statistical comparisons can be made from census to census. However, physical changes in street patterns caused by highway construction, new development, etc., may require occasional revisions; census tracts occasionally are split due to large population growth, or combined as a result of substantial population decline. Census tracts are referred to as "tracts" in all 1990 data products.

Census tracts are identified by a four-digit basic number and may have a two-digit suffix; for example, 6059.02. The decimal point separating the four-digit basic number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many census tracts do not have a suffix; in such cases, the suffix field is left blank in all data products. Leading zeros in a census tract number (for example, 002502) are shown only on machine-readable files.

Census tract numbers range from 0001 through 9499.99 and are unique within a municipio (numbers in the range of 9501 through 9989.99 denote a block numbering area). The suffix .99 identifies a census tract that was populated entirely by persons aboard one or more civilian or military ships. A "crews-of-vessels" census tract appears on census maps only as an anchor symbol with its census tract number (and block numbers on maps showing block numbers). These census tracts relate to the ships associated with the onshore census tract having the same four-digit basic

number. Suffixes in the range .80 through .98 usually identify census tracts that either were revised or were created during the 1990 census data collection activities. Some of these revisions may have resulted in census tracts that have extremely small land area and may have little or no population or housing. For data analysis, such a census tract can be summarized with an adjacent census tract.

CONGRESSIONAL DISTRICT

Puerto Rico is represented in the U.S. House of Representatives by a nonvoting delegate, referred to as a "resident commissioner."

GEOGRAPHIC CODE

Geographic codes are shown primarily on machine-readable data products, such as computer tape and compact disc-read only memory (CD-ROM), but also appear on other products such as microfiche; they also are shown on some census maps. Codes are identified as "census codes" only if there also is a Federal Information Processing Standards (FIPS) code for the same geographic entity. A code that is not identified as either "census" or "FIPS" usually is a census code for which there is no FIPS equivalent or for which the Census Bureau does not use the FIPS code. The exceptions, which use only the FIPS code in census products, are municipio, congressional district, and metropolitan area (that is, metropolitan statistical area, consolidated metropolitan statistical area, and primary metropolitan statistical area).

Census Code

Census codes are assigned for a variety of geographic entities, including Puerto Rico, municipio subdivision, place, urbanized area, and voting district. The structure, format, and meaning of census codes appear in the 1990 census *Geographic Identification Code Scheme* and in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

Federal Information Processing Standards (FIPS) Code

Federal Information Processing Standards (FIPS) codes are assigned for a variety of geographic entities, including congressional district, county (including statistically equivalent entities such as municipio), barrio-pueblo and barrio, metropolitan area, place, and State (including statistically equivalent entities such as Puerto Rico). The structure, format, and meaning of FIPS codes used in the census are shown in the 1990 census

Geographic Identification Code Scheme and in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

The objective of the FIPS codes is to improve the use of data resources of the Federal Government and avoid unnecessary duplication and incompatibilities in the collection, processing, and dissemination of data. More information about the FIPS and FIPS code documentation is available from the National Technical Information Service, Springfield, VA 22161.

United States Postal Service (USPS) Code

The United States Postal Service (USPS) code for Puerto Rico is used in all 1990 census data products. The code is a two-character alphabetic abbreviation: PR. The code is the same as the FIPS two-character alphabetic abbreviation.

GEOGRAPHIC PRESENTATION

Hierarchical Presentation

A hierarchical geographic presentation shows the geographic entities in a superior/subordinate structure in census products. 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 machine-readable media in the discussion of file structure in the geographic coverage portion of the abstract in the technical documentation. An example of hierarchical presentation for Puerto Rico is the "standard census geographic hierarchy": block, within block group, within census tract or block numbering area, within place, within municipio subdivision, within municipio, within Puerto Rico. Graphically, this is shown as:

```
Puerto Rico
  Municipio
    Municipio subdivision
      Place (or part)
        Census tract/block numbering area (or part)
          Block group (or part)
            Block
```

Inventory Presentation

An inventory presentation of geographic entities is one in which all entities of the same type are shown in alphabetical or code 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/block numbering area, or block group. An example of a series of inventory presentations is: Puerto Rico, followed by all the municipios, followed by all the places in Puerto Rico. Graphically, this is shown as:

Puerto Rico

Municipio "A"

Municipio "B"

Municipio "C"

Place "X"

Place "Y"

Place "Z"

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 may approximate the geographic center of that entity. If the shape of the entity caused this point to be located outside the boundaries of the entity, it is relocated from the center so that it is within the entity. By definition, the internal point for a block cannot fall in a body of water. On machine-readable products, internal points are shown to six decimal places; the decimal point is implied.

MUNICIPIO

The primary political divisions of Puerto Rico are termed "municipios." The Census Bureau, for statistical purposes, treats a municipio as the equivalent of a county in the United States. Each municipio is assigned a unique three-digit FIPS code in alphabetical order within Puerto Rico.

MUNICIPIO SUBDIVISION

The Census Bureau recognizes barrios-pueblos and barrios as the primary legal subdivisions (minor civil divisions, or MCD's) of municipios. The barrios-pueblos replace the "pueblos" reported in previous decennial censuses. In agreement with the Puerto Rico government, the Census Bureau no longer includes ciudades in its data tabulations.

Each municipio subdivision is assigned a three-digit census code in alphabetical order within municipio and a five-digit FIPS code in alphabetical order within Puerto Rico.

Subbarrio

Subbarrios in 23 municipios are legal subdivisions of the barrios-pueblos and some barrios. The Census Bureau presents the same types of 1990 census data for these "sub-MCD's" as it does for the barrios-pueblos and barrios. Each subbarrio is assigned a two-digit census code in alphabetical order within municipio and a five-digit FIPS code in alphabetical order within Puerto Rico.

PLACE

For the reporting of decennial census data, places in Puerto Rico consist of zonas urbanas and comunidades. Each place is assigned a four-digit census code and a five-digit FIPS code that are unique within Puerto Rico. Both the census and FIPS codes are assigned based on alphabetical order within Puerto Rico.

Because Puerto Rico does not have incorporated places—legally defined governmental units that perform services, raise taxes, and have elected officials specifically for closely settled communities—the Census Bureau recognizes only places delineated for statistical purposes. These census designated places (CDP's) are delineated by the Puerto Rico Planning Board, following Census Bureau guidelines, for the decennial census as the statistical counterparts of incorporated places in the States. Their boundaries, which usually coincide with visible features, have no legal status. CDP boundaries may change with changes in the settlement pattern; a CDP with the same name as in previous censuses does not necessarily have the same boundaries.

The Census Bureau provides data for two types of CDP's in Puerto Rico: (1) zonas urbanas, representing the governmental center of each municipio; there is no minimum population requirement for a zona urbana, and (2) comunidades (called "aldeas" in previous censuses), representing other settlements with a 1990 census population of at least 1,000. Comunidades qualified on the basis of the population counts prepared for the 1990 Postcensus Local Review Program. Because these counts were subject to change, a few may have final population counts lower than 1,000.

STATE

States are the primary governmental divisions of the United States. The District of Columbia is treated as a statistical equivalent of a State for census purposes. The Census Bureau treats the outlying areas as the equivalents of States for presenting the 1990 census data. The outlying areas include American Samoa, Guam, the Commonwealth of the Northern Mariana Islands (Northern Mariana Islands), the Republic of Palau (Palau), Puerto Rico, and the Virgin Islands of the United States (Virgin Islands).

Each State and equivalent entity is assigned a two-digit numeric Federal Information Processing Standards (FIPS) code in alphabetical order by State name, followed by the outlying area names. Each State and equivalent entity also is assigned a two-digit census code. The first digit of the code is the code for the respective division except for Puerto Rico, the Virgin Islands, and the outlying areas of the Pacific, which are

assigned "0" as the first digit because they are not part of any division. Each State and equivalent area also is assigned the two-letter FIPS/ United States Postal Service (USPS) code.

TIGER

TIGER is an acronym for the new digital (computer-readable) geographic data base that automates the mapping and related geographic activities required to support the Census Bureau's census and survey programs. The Census Bureau developed the Topologically Integrated Geographic Encoding and Referencing (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 publication, providing the geographic structure for tabulation and publication of the collected data, assigning residential and employer addresses to their geographic location and relating those locations to the Census Bureau's geographic units, and so forth. The content of the TIGER data base is made available to the public through a variety of "TIGER Extract" files that may be obtained from the Data User Services Division, Bureau of the Census, Washington, DC 20233.

UNITED STATES

The United States comprises the 50 States and the District of Columbia. In addition, the Census Bureau treats the outlying areas (see "State") as statistical equivalents of States for the 1990 census.

VOTING DISTRICT (VTD)

A voting district (VTD) is any of a variety of types of areas (for example, election districts, precincts, legislative districts) established by the Puerto Rico government for purposes of elections. For census purposes, the Puerto Rico Planning Board outlined the boundaries of VTD's around groups of whole census blocks on census maps. The entities identified as VTD's are not necessarily those legally or currently established. Also, to meet the "whole block" criterion, it may have been necessary to adjust VTD boundaries to nearby block boundaries. Therefore, the VTD's shown on the 1990 census tapes, listings, and maps may not represent the actual VTD's in effect at the time of the census.

Each VTD is assigned a four-character alphanumeric code that is unique within each municipio. The code "ZZZZ" is assigned to nonparticipating areas; the Census Bureau summarizes the areas within a municipio coded "ZZZZ" to a single data record and reports the same data items as shown for other VTD's.

APPENDIX B.

Definitions of Subject Characteristics

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POPULATION CHARACTERISTICS

ABILITY TO READ AND WRITE

Data on ability to read and write (literacy) were derived from answers to questionnaire item 14, which was asked of a sample of persons 5 years old and over. The data are shown in selected data products for persons 10 years old and over since persons younger than 10 years old have not yet completed the fifth grade and are more likely to be considered not literate only because of the limited exposure to schooling.

The question on ability to read and write was not limited to any particular language. The category, "able to read and write," included respondents who were able to read and write in Spanish, English, or any other language. The enumerators were instructed that a literate person must have the ability to read a letter from someone else and also write a letter. Persons who could only read and those who could write only their own names were classified as unable to read and write. Persons who reported their level of educational attainment to be high school graduate or higher were considered literate.

Comparability—This question has been in each decennial census since the United States government started conducting the census in Puerto Rico.

ABILITY TO SPEAK SPANISH AND ENGLISH

The data on ability to speak Spanish were derived from answers to questionnaire item 15a. Ability to speak English was reported in questionnaire item 15b as one of three categories: "Yes, easily," "Yes, with difficulty," or "No." These questions were asked on a sample basis.

The questions on language usage were intended to determine the extent to which Spanish and English are spoken in Puerto Rico. From these responses, it is possible to determine how many persons cannot speak Spanish and how many persons have difficulty speaking English or cannot speak English at all. The questions were not intended to determine which language was the person's main language.

Comparability—While the question on ability to speak English has been included on the census questionnaires for Puerto Rico since 1910, the question on ability to speak Spanish was added to the questionnaire for the first time in 1980.

AGE

The data on age were derived from answers to questionnaire item 4, which was asked of all persons. The age classification is based on the age of the person in completed years as of April 1, 1990. The age response in question 4a was normally used to represent a person's age. However, when the age response was unacceptable or unavailable, a person's age was derived from an acceptable year of birth response in question 4b.

Data on age are used to determine the applicability of other 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.

Some tabulations are shown by the age of the householder. These data were derived from the age responses for each householder. (For more information on householder, see the discussion under "Household Type and Relationship.")

Median Age—This measure divides the age distribution into two equal parts: one-half of the cases falling below the median value and one-half above the value. Generally, median age is computed on the basis of more detailed age intervals than are shown in some census publications; thus, a median based on a less detailed distribution may differ slightly from a corresponding median for the same population based on a more detailed distribution. (For more information on medians, see the discussion under "Derived Measures.")

Limitation of the Data—Counts in 1970 and 1980 for persons 100 years old and over were substantially overstated. Improvements were made in the questionnaire design, in the allocation procedures, and to the respondent instruction guide to attempt to minimize this problem in 1990.

Review of detailed 1990 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. 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 persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the section below that discusses "Comparability.")

Comparability—Age data have been collected in Puerto Rico in every census. For the first time since 1960, the 1990 data are 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 each census since 1950, the age of a person was assigned when it was not reported. 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 Appendix C, Accuracy of the Data.)

CITIZENSHIP

The data on citizenship were derived from answers to questionnaire item 7, which was asked of a sample of persons.

Citizen—Persons who indicated that they were native-born and foreign-born persons who indicated that they have become naturalized. (For more information on native and foreign born, see the discussion under "Place of Birth.")

There are four categories of citizenship: (1) born in Puerto Rico, (2) United States, Guam, the U.S. Virgin Islands, or the Northern Mariana Islands, (3) born abroad of American parents, and (4) U.S. citizen by naturalization.

Naturalized Citizen—Foreign-born persons who had completed the naturalization process at the time of the census and upon whom the rights of citizenship had been conferred.

Not a Citizen—Foreign-born persons who were not citizens, including persons who had begun but not completed the naturalization process at the time of the census.

Limitation of the Data—Evaluation studies completed after previous censuses indicated that some persons may have reported themselves as citizens although they had not yet attained the status.

Comparability—Similar questions on citizenship were asked in the censuses of 1950, 1970, and 1980. The 1980 question was asked of a sample of the foreign-born population. In 1990, both native and foreign-born persons who were enumerated using the long-form questionnaire were asked to respond to the citizenship question.

EDUCATIONAL ATTAINMENT

Data on educational attainment were derived from answers to questionnaire item 10, which was asked of a sample of persons. Data are tabulated as attainment for persons 15 years old and over. Persons are classified according to the highest grade of school completed or the highest degree received. The question included instructions to report the previous grade attended or the highest degree received for persons currently enrolled in school. The question included response categories which allowed persons to report completing the 12th grade without receiving a high school diploma, and which instructed respondents to report as "high school graduate(s)"—persons 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. (On the Military Census Report questionnaire, the lowest response category was "Less than 9th grade.")

Enumerators were instructed that schooling completed in foreign or ungraded school systems should be reported as the equivalent level of schooling in the regular American system; that vocational certificates or diplomas from vocational, trade, or business schools or colleges were not to be reported unless they were college level degrees; and that honorary degrees were not to be reported. The instructions gave "medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology" as examples of professional school degrees, and specifically excluded "barber school, cosmetology, or other training for a specific trade" from the professional school category. The order in which they were listed suggested that doctorate degrees were "higher" than professional school degrees, which were "higher" than master's degrees.

Persons who did not report educational attainment were assigned the attainment of a person of the same age and sex who resided in the same or a nearby area.

High School Graduate or Higher—Includes persons whose highest degree was a high school diploma or its equivalent, persons who attended college or professional school, and persons who received a college, university, or professional degree. Persons who reported completing the 12th grade but not receiving a diploma are not included.

Not Enrolled, Not High School Graduate—Includes persons of compulsory school attendance age or above who were not enrolled in school and were not high school graduates; these persons may be taken to be "high school dropouts." There is no restriction on when they "dropped out" of school, and they may have never attended high school.

In prior censuses, "Median school years completed" was used as a summary measure of educational attainment. In 1990, 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 which offer quite readily interpretable measures of differences between population subgroups. To make comparisons over time, "Percent high school graduate or higher" can be calculated and "Percent bachelor's degree or higher" can be approximated with data from previous censuses.

Comparability—In censuses prior to 1950, the only educational attainment question asked about basic literacy. The same literacy question was asked in 1990. Questions on educational attainment, in terms of years of school completed, were included from 1950 to 1980. In these censuses, a two-part question asking highest grade of school attended and whether that grade was finished was used to construct highest grade or year of school completed. For persons who have not attended college, the response categories in the 1990 educational attainment question should produce data which are comparable to data on highest grade completed from earlier censuses.

The response categories for persons 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 census suggests that these terms were more distinct in 1990 than in earlier decades, and this change may have threatened the ability to estimate the number of "college graduates" from the number of persons 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 this and earlier censuses should be made with great caution.

In the 1960 and subsequent censuses, persons 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 1950 census, persons for whom educational attainment was not reported were not allocated.

EMPLOYMENT STATUS

The data on employment status were derived from answers to questionnaire items 22, 26, and 27, which were asked of a sample of persons. The series of questions on employment status was asked of all persons 15 years old and over and was designed to identify, in this sequence: (1) persons who worked at any time during the reference week; (2) persons who did not work during the reference week but who had jobs or businesses from which they were temporarily absent (excluding layoff); (3) persons on layoff; and (4) persons who did not work during the reference week, but who were looking for work during the last four weeks and were available for work during the reference week. (For more information, see the discussion under "Reference Week.")

The employment status data shown in this and other 1990 census tabulations relate to persons 16 years old and over. Some tabulations showing employment status, however, include persons 15 years old. By definition, these persons are classified as "Not in Labor Force." In the 1940, 1950, and 1960 censuses, employment status data were presented for persons 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 persons 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 had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or unpaid volunteer work for religious, charitable, and similar organizations; also excluded are persons on active duty in the U.S. Armed Forces.

Unemployed—All civilians 16 years old and over are classified as unemployed if they (1) were neither "at work" nor "with a job but not at work" during the

reference week, and (2) were looking for work during the last 4 weeks, and (3) were available to accept a job. Also included as unemployed are civilians who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off. Examples of job seeking activities are:

- 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 persons classified as employed or unemployed in accordance with the criteria described above.

Experienced Unemployed—These are unemployed persons who have worked at any time in the past.

Experienced Civilian Labor Force—Consists of the employed and the experienced unemployed.

Labor Force—All persons classified in the civilian labor force plus members of the U.S. Armed Forces (persons on active duty with the U.S. Army, Air Force, Navy, Marine Corps, or Coast Guard).

Not in Labor Force—All persons 16 years old and over who are not classified as members of the labor force. This category consists mainly of students, housewives, retired workers, seasonal workers enumerated in an *off* season who were not looking for work, institutionalized persons, and persons doing only incidental unpaid family work (less than 15 hours during the reference week).

Worker—This term appears in connection with several subjects: journey-to-work items, class of worker, weeks worked in 1989, and number of workers in family in 1989. Its meaning varies and, therefore, should be determined in each case by referring to the definition of the subject in which it appears.

Actual Hours Worked Last Week—All persons who reported working during the reference week were asked to report in questionnaire item 22b the number of hours that they worked. The statistics on hours worked pertain to the number of hours actually worked at all jobs, and do not necessarily reflect the number of hours typically or usually worked or the scheduled number of hours. The concept of "actual hours" differs from that of "usual hours" described below. The number of persons who worked only a small number of hours is probably

understated since such persons sometimes consider themselves as not working. Respondents were asked to include overtime or extra hours worked, but to exclude lunch hours, sick leave, and vacation leave.

Limitation of the Data—The census may understate the number of employed persons because persons who have irregular, casual, or unstructured jobs sometimes report themselves as not working. The number of employed persons "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 persons on vacation or sick leave erroneously reported themselves as working. This problem has no effect on the total number of employed persons. The reference week for the employment data is not the same for all persons. Since persons can change their employment status from one 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 the discussion under "Reference Week.")

Comparability—The questionnaire items and employment status concepts for the 1990 census are essentially the same as those used in the 1980 and 1970 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. Persons 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, persons who work for more than one establishment may be counted more than once. Moreover, some tabulations may exclude private household workers, unpaid family workers, and self-employed persons, but may include workers less than 16 years of age.

An additional difference in the data arises from the fact that persons who had a job but were not at work are included with the employed in the census statistics, whereas many of these persons are likely to be excluded from employment figures based on establishment payroll reports. Furthermore, the employment status data in census tabulations include persons on the basis of place of residence regardless of where they work, whereas establishment data report persons 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.

Census data on actual hours worked during the reference week may differ from data from other sources. The census measures hours actually worked, whereas

some surveys measure hours paid for by employers. Comparability of census actual hours worked data may also be affected by the nature of the reference week (see "Reference Week").

For several reasons, the unemployment figures of the Census Bureau may not be comparable with published figures on unemployment compensation claims. For example, figures on unemployment compensation claims exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons 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. Persons working only a few hours during the week and persons 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.

FERTILITY

The data on fertility (also referred to as "children ever born") were derived from answers to questionnaire item 17, which was asked of a sample of women 15 years old and over regardless of marital status. Stillbirths, step-children, and adopted children were excluded from the number of children ever born. Ever-married women were instructed to include all children born to them before and during their most recent marriage, children no longer living, and children away from home, as well as children who were still living in the home. Never-married women were instructed to include all children born to them.

Data are most frequently presented in terms of the aggregate number of children ever born to women in the specified category and in terms of the rate per 1,000 women. For purposes of calculating the aggregate, the open-ended response category, "12 or more" is assigned a value of 13.

Comparability—The wording of the question on children ever born was the same in 1990 as in 1980. However, in virtually all of the tables in 1970 census volumes, data presented on children ever born assumed that single women were childless even though it was known that some of the women had had children. Therefore, rates and numbers of children ever born to all women are not comparable between the 1970 reports and later census reports, since the 1980 and 1990 reports include data on children ever born to single

women. Data presented for children ever born to women ever married are comparable between the 1990 census and previous censuses containing this question.

GROUP QUARTERS

All persons not living in households are classified by the Census Bureau as living in group quarters. Two general categories of persons in group quarters are recognized: (1) institutionalized persons and (2) other persons in group quarters (also referred to as "noninstitutional group quarters").

Institutionalized Persons—Includes persons under formally authorized, supervised care or custody in institutions at the time of enumeration. Such persons 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 persons in the institution. Generally, institutionalized persons are 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 which specialize in only one specific type of service, all patients or inmates were given the same classification. For institutions which 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 hospital wards for persons with chronic diseases, patients were classified in "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 commonwealth prisons, military stockades and jails, police lockups, halfway houses, local jails, and other confinement facilities.

Commonwealth Prisons—Where persons convicted of crimes serve their sentences. 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 a commonwealth prison; or (2) in institutions operated by departments of mental health or similar agencies.

Military Stockades, Jails—Operated by military police and used to hold persons awaiting trial or convicted of violating military laws.