

The term "health condition" referred to both physical and mental conditions. A temporary health problem, such as a broken bone that was expected to heal normally, was not considered a health condition.

**Comparability**—This was the first time that a question on self-care limitation was included in the census.

## SEX

The data on sex were derived from answers to questionnaire item 3, which was asked of all persons. For most cases in which sex was not reported, it was determined by the appropriate entry from the person's given name and household relationship. Otherwise, sex was imputed according to the relationship to the householder and the age and marital status of the person. For more information on imputation, see Appendix C, Accuracy of the Data.

**Sex Ratio**—A measure derived by dividing the total number of males by the total number of females and multiplying by 100.

**Comparability**—A question on the sex of individuals was asked of the total population in every census.

## VETERAN STATUS

Data on veteran status, period of military service, and years of military service were derived from answers to questionnaire item 17, which was asked of a sample of persons.

**Veteran Status**—The data on veteran status were derived from responses to question 17a. For census data products, a "civilian veteran" is a person 16 years old or over who had served (even for a short time) but is not now serving on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or who served as a Merchant Marine seaman during World War II. Persons who served in the National Guard or military Reserves are classified as veterans only if they were ever called or ordered to active duty not counting the 4-6 months for initial training or yearly summer camps. All other civilians 16 years old and over are classified as nonveterans.

**Period of Military Service**—Persons who indicated in question 17a that they had served on active duty (civilian veterans) or were now on active duty were asked to indicate in question 17b the period or periods in which they served. Persons serving in at least one wartime period are classified in their most recent wartime period. For example, persons who served both during the Korean conflict and the post-Korean peacetime era between February 1955 and July 1964 are

classified in one of the two "Korean conflict" categories. If the same person had also served during the Vietnam era, he or she would instead be included in the "Vietnam era and Korean conflict" category. The responses were edited to eliminate inconsistencies between reported period(s) of service and the age of the person and to cancel out reported combinations of periods containing unreasonable gaps (for example, a person could not serve during World War I and the Korean conflict without serving during World War II). Note that the period of service categories shown in this report are mutually exclusive.

**Years of Military Service**—Persons who indicated in question 17a that they had served on active duty (civilian veterans) or were now on active duty were asked to report the total number of years of active-duty service in question 17c. The data were edited for consistency with responses to question 17b (Period of Military Service) and with the age of the person.

**Limitation of the Data**—There may be a tendency for the following kinds of persons to report erroneously that they served on active duty in the Armed Forces: (a) persons who served in the National Guard or military Reserves but were never called to active duty; (b) civilian employees or volunteers for the USO, Red Cross, or the Department of Defense (or its predecessor Departments, War and Navy); and (c) employees of the Merchant Marine or Public Health Service. There may also be a tendency for persons to erroneously round up months to the nearest year in question 17c (for example, persons with 1 year 8 months of active duty military service may mistakenly report "2 years").

**Comparability**—Since census data on veterans were based on self-reported responses, they may differ from data from other sources such as administrative records of the Department of Defense. Census data may also differ from Veterans Administration data on the benefits-eligible population, since factors determining eligibility for veterans benefits differ from the rules for classifying veterans in the census.

The wording of the question on veteran status (17a) for 1990 was expanded from the veteran/not veteran question in 1980 to include questions on current active duty status and service in the military Reserves and the National Guard. The expansion was intended to clarify the appropriate response for persons in the Armed Forces and for persons who served in the National Guard or military Reserve units only. For the first time in a census, service during World War II as a Merchant Marine Seaman was considered active-duty military service and persons with such service were counted as veterans. An additional period of military service, "September 1980 or later" was added in 1990. As in 1970

and 1980, persons reporting more than one period of service are shown in the most recent wartime period of service category. Question 17c (Years of Military Service) was new for 1990.

## **WORK DISABILITY STATUS**

The data on work disability were derived from answers to questionnaire item 18, which was asked of a sample of persons 15 years old and over. Persons were identified as having a work disability if they had a health condition that had lasted for 6 or more months and which limited the kind or amount of work they could do at a job or business. A person was limited in the kind of work he or she could do if the person had a health condition which restricted his or her choice of jobs. A person was limited in the amount of work if he or she was not able to work full-time. Persons with a work disability were further classified as "Prevented from working" or "Not prevented from working."

The term "health condition" referred to both physical and mental conditions. A temporary health problem, such as a broken bone that was expected to heal normally, was not considered a health condition.

**Comparability**—The wording of the question on work disability was the same in 1990 as in 1980. Information on work disability was first collected in 1970. In that census, the work disability question did not contain a clause restricting the definition of disability to limitations caused by a health condition that had lasted 6 or more months; however, it did contain a separate question about the duration of the disability.

## **WORK STATUS IN 1989**

The data on work status in 1989 were derived from answers to questionnaire item 31, which was asked of a sample of persons. Persons 16 years old and over who worked 1 or more weeks according to the criteria described below are classified as "Worked in 1989." All other persons 16 years old and over are classified as "Did not work in 1989." Some tabulations showing work status in 1989 include 15 year olds; these persons, by definition, are classified as "Did not work in 1989."

### **Weeks Worked in 1989**

The data on weeks worked in 1989 were derived from responses to questionnaire item 31b. Question 31b (Weeks Worked in 1989) was asked of persons 16 years old and over who indicated in question 31a that they worked in 1989.

The data pertain to the number of weeks during 1989 in which a person did any work for pay or profit (including paid vacation and paid sick leave) or worked without pay on a family farm or in a family business. Weeks of active service in the Armed Forces are also included.

## **Usual Hours Worked Per Week Worked in 1989**

The data on usual hours worked per week worked in 1989 were derived from answers to questionnaire item 31c. This question was asked of persons 16 years old and over who indicated that they worked in 1989.

The data pertain to the number of hours a person usually worked during the weeks worked in 1989. The respondent was to report the number of hours worked per week in the majority of the weeks he or she worked in 1989. If the hours worked per week varied considerably during 1989, the respondent was to report an approximate average of the hours worked per week. The statistics on usual hours worked per week in 1989 are not necessarily related to the data on actual hours worked during the census reference week (question 21b).

Persons 16 years old and over who reported that they usually worked 35 or more hours each week during the weeks they worked are classified as "Usually worked full time;" persons who reported that they usually worked 1 to 34 hours are classified as "Usually worked part time."

**Year-Round Full-Time Workers**—All persons 16 years old and over who usually worked 35 hours or more per week for 50 to 52 weeks in 1989.

**Number of Workers in Family in 1989**—The term "worker" as used for these data is defined based on the criteria for Work Status in 1989.

**Limitation of the Data**—It is probable that the number of persons who worked in 1989 and the number of weeks worked are understated since there was some tendency for respondents to forget intermittent or short periods of employment or to exclude weeks worked without pay. There may also be a tendency for persons not to include weeks of paid vacation among their weeks worked; one result may be that the census figures may understate the number of persons who worked "50 to 52 weeks."

**Comparability**—The data on weeks worked collected in the 1990 census were comparable with data from the 1980, 1970, and 1960 censuses, but may not be entirely comparable with data from the 1940 and 1950 censuses. Since the 1960 census, two separate questions have been used to obtain this information. The first identified persons with any work experience during the year and, thus, indicated those persons for whom the questions on number of weeks worked applied. In 1940 and 1950, however, the questionnaires contained only a single question on number of weeks worked.

In 1970, persons responded to the question on weeks worked by indicating one of six weeks-worked intervals. In 1980 and 1990, persons were asked to enter the specific number of weeks they worked.

## YEAR OF ENTRY

The data on year of entry were derived from answers to questionnaire item 10, which was asked of a sample of persons. The question, "When did this person come to the United States to stay?" was asked of persons who indicated in the question on citizenship that they were not born in the United States. (For more information, see the discussion under "Citizenship.")

The 1990 census questions, tabulations, and census data products about citizenship and year of entry include no reference to immigration. All persons who were born and resided outside the United States before becoming residents of the United States have a date of entry. Some of these persons are U.S. citizens by birth (e.g., persons born in Puerto Rico or born abroad of American parents). To avoid any possible confusion concerning the date of entry of persons who are U.S. citizens by birth, the term, "year of entry" is used in this report instead of the term "year of Immigration."

**Limitation of the Data**—The census questions on nativity, citizenship, and year of entry were not designed to measure the degree of permanence of residence in the United States. The phrase, "to stay" was used to obtain the year in which the person became a resident of the United States. Although the respondent was directed to indicate the year he or she entered the country "to stay," it was difficult to ensure that respondents interpreted the phrase correctly.

**Comparability**—A question on year of entry, (alternately called "year of immigration") was asked in each decennial census from 1890 to 1930, 1970, and 1980. In 1980, the question on year of entry included six arrival time intervals. The number of arrival intervals was expanded to ten in 1990. In 1980, the question on year of entry was asked only of the foreign-born population. In 1990, all persons who responded to the long-form questionnaire and were not born in the United States were to complete the question on year of entry.

## HOUSING CHARACTERISTICS

### LIVING QUARTERS

Living quarters are classified as either housing units or group quarters. (For more information, see the discussion of "Group Quarters" under Population Characteristics.) Usually, living quarters are in structures intended for residential use (for example, a one-family home, apartment house, hotel or motel, boarding house, or mobile home). Living quarters also may be in structures intended for nonresidential use (for example, the rooms in a warehouse where a guard lives), as well as in places such as tents, vans, shelters for the homeless, dormitories, barracks, and old railroad cars.

**Housing Units**—A housing unit is a house, an apartment, a mobile home or trailer, a group of rooms or a single room occupied as separate living quarters or, if vacant, intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from outside the building or through a common hall.

The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants.

Both occupied and vacant housing units are included in the housing unit inventory, except that recreational vehicles, boats, vans, tents, railroad cars, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage yards are excluded from the housing inventory.

If the living quarters contains nine or more persons unrelated to the householder or person in charge (a total of at least 10 unrelated persons), it is classified as group quarters. If the living quarters contains eight or fewer persons unrelated to the householder or person in charge, it is classified as a housing unit.

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; that is, away on vacation or business. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, the count of occupied housing units for 100-percent tabulations is the same as the count of households or householders. In sample tabulations, the counts of household and occupied housing units may vary slightly because of different sample weighting methods.

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere also are classified as vacant. (For more information, see discussion under "Usual Home Elsewhere.")

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final

usable floors are in place. Vacant units are excluded if they are open to the elements; that is, the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is condemned or is to be demolished. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Hotels, Motels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from others in the building and have direct access, their quarters are classified as separate housing units.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered group quarters.

**Comparability**—The first Census of Housing in 1940 established the "dwelling unit" concept. Although the term became "housing unit" and the definition has been modified slightly in succeeding censuses, the 1990 definition is essentially comparable to previous censuses. There was no change in the housing unit definition between 1980 and 1990.

## ACREAGE

The data on acreage were obtained from questionnaire items H5a and H19a. Question H5a was asked at all occupied and vacant one-family houses and mobile homes. Question H19a was asked on a sample basis at occupied and vacant one-family houses and mobile homes.

Question H5a asks whether the house or mobile home is located on a place of 10 or more acres. The intent of this item is to exclude owner-occupied and renter-occupied one-family houses on 10 or more acres from the specified owner- and renter-occupied universes for value and rent tabulations.

Question H19a provides data on whether the unit is located on less than 1 acre. The main purpose of this item, in conjunction with question H19b on agricultural sales, is to identify farm units. (For more information, see discussion under "Farm Residence.")

## DEFINITIONS OF SUBJECT CHARACTERISTICS

For both items, the land may consist of more than one tract or plot. These tracts or plots are usually adjoining; however, they may be separated by a road, creek, another piece of land, etc.

**Comparability**—Question H5a is similar to that asked in 1970 and 1980. This item was asked for the first time of mobile home occupants in 1990. Question H19a is an abbreviated form of a question asked on a sample basis in 1980. In previous censuses, information on city or suburban lot and number of acres was obtained also.

## AGRICULTURAL SALES

Data on the sales of agricultural crops were obtained from questionnaire item H19b, which was asked on a sample basis at occupied one-family houses and mobile homes located on lots of 1 acre or more. Data for this item exclude units on lots of less than 1 acre, units located in structures containing 2 or more units, and all vacant units. This item refers to the total amount (before taxes and expenses) received in 1989 from the sale of crops, vegetables, fruits, nuts, livestock and livestock products, and nursery and forest products, produced on "this property." Respondents new to a unit were asked to estimate total agricultural sales in 1989 even if some portion of the sales had been made by other occupants of the unit.

This item is used mainly to classify housing units as farm or nonfarm residences, not to provide detailed information on the sale of agricultural products. Detailed information on the sale of agricultural products is provided by the Census Bureau's Census of Agriculture (*Factfinder for the Nation: Agricultural Statistics*, Bureau of the Census, 1989). (For more information, see the discussion under "Farm Residence.")

## BEDROOMS

The data on bedrooms were obtained from questionnaire item H9, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. The number of bedrooms is the count of rooms designed to be used as bedrooms; that is, the number of rooms that would be listed as bedrooms if the house or apartment were on the market for sale or for rent. Included are all rooms intended to be used as bedrooms even if they currently are being used for some other purpose. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

**Comparability**—Data on bedrooms have been collected in every census since 1960. In 1970 and 1980, data for bedrooms were shown only for year-round units. In past censuses, a room was defined as a bedroom if it was used mainly for sleeping even if also

used for other purposes. Rooms that were designed to be used as bedrooms but used mainly for other purposes were not considered to be bedrooms. A distribution of housing units by number of bedrooms calculated from data collected in a 1986 test showed virtually no differences in the two versions except in the two bedroom category, where the previous "use" definition showed a slightly lower proportion of units.

### **BOARDED-UP STATUS**

Boarded-up status was obtained from questionnaire item C2 and was determined for all vacant units. Boarded-up units have windows and doors covered by wood, metal, or masonry to protect the interior and to prevent entry into the building. A single-unit structure, a unit in a multi-unit structure, or an entire multi-unit structure may be boarded-up in this way. For certain census data products, boarded-up units are shown only for units in the "Other vacant" category. A unit classified as "Usual home elsewhere" can never be boarded up. (For more information, see the discussion under "Usual Home Elsewhere.")

**Comparability**—This item was first asked in the 1980 census and was shown only for year-round vacant housing units. In 1990, data are shown for all vacant housing units.

### **BUSINESS ON PROPERTY**

The data for business on property were obtained from questionnaire item H5b, which was asked at all occupied and vacant one-family houses and mobile homes. This question is used to exclude owner-occupied one-family houses with business or medical offices on the property from certain statistics on financial characteristics.

A business must be easily recognizable from the outside. It usually will have a separate outside entrance and have the appearance of a business, such as a grocery store, restaurant, or barber shop. It may be either attached to the house or mobile home or be located elsewhere on the property. Those housing units in which a room is used for business or professional purposes and have no recognizable alterations to the outside are *not* considered as having a business. Medical offices are considered businesses for tabulation purposes.

**Comparability**—Data on business on property have been collected since 1940.

### **CONDOMINIUM FEE**

The data on condominium fee were obtained from questionnaire item H25, which was asked at owner-occupied condominiums. This item was asked on a

sample basis. A condominium fee normally is charged monthly to the owners of the individual condominium units by the condominium owners association to cover operating, maintenance, administrative, and improvement costs of the common property (grounds, halls, lobby, parking areas, laundry rooms, swimming pool, etc.) The costs for utilities and/or fuels may be included in the condominium fee if the units do not have separate meters.

Data on condominium fees may include real estate tax and/or insurance payments for the common property, but do not include real estate taxes or fire, hazard, and flood insurance for the individual unit already reported in questions H21 and H22.

Amounts reported were the regular monthly payment, even if paid by someone outside the household or remain unpaid. Costs were estimated as closely as possible when exact costs were not known.

The data from this item were added to payments for mortgages (both first and junior mortgages and home equity loans); real estate taxes; fire, hazard, and flood insurance payments; and utilities and fuels to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for condominium owners.

**Comparability**—This is a new item in 1990.

### **CONDOMINIUM STATUS**

The data on condominium housing units were obtained from questionnaire item H18, which was asked on a sample basis at both occupied and vacant housing units. Condominium is a type of ownership that enables a person to own an apartment or house in a development of similarly owned units and to hold a common or joint ownership in some or all of the common areas and facilities such as land, roof, hallways, entrances, elevators, swimming pool, etc. Condominiums may be single-family houses as well as units in apartment buildings. A condominium unit need not be occupied by the owner to be counted as such. A unit classified as "mobile home or trailer" or "other" (see discussion under "Units in Structure") cannot be a condominium unit.

**Limitation of the Data**—Testing done prior to the 1980 and 1990 censuses indicated that the number of condominiums may be slightly overstated.

**Comparability**—In 1970, condominiums were grouped together with cooperative housing units, and the data were reported only for owner-occupied cooperatives and condominiums. Beginning in 1980, the census identified all condominium units and the data were shown for renter-occupied and vacant year-round condominiums as well as owner occupied. In 1970 and 1980, the question on condominiums was asked on a 100-percent basis. In 1990, it was asked on a sample basis.

## CONTRACT RENT

The data on contract rent (also referred to as "rent asked" for vacant units) were obtained from questionnaire item H7a, which was asked at all occupied housing units that were rented for cash rent and all vacant housing units that were for rent at the time of enumeration.

Housing units that are renter occupied without payment of cash rent are shown separately as "No cash rent" in census data products. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. Rent-free houses or apartments may be provided to compensate caretakers, ministers, tenant farmers, sharecroppers, or others.

Contract rent is the monthly rent agreed to or contracted for, regardless of any furnishings, utilities, fees, meals, or services that may be included. For vacant units, it is the monthly rent asked for the rental unit at the time of enumeration.

If the contract rent includes rent for a business unit or for living quarters occupied by another household, the respondent was instructed to report that part of the rent estimated to be for his or her unit only. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises.

If a renter pays rent to the owner of a condominium or cooperative, and the condominium fee or cooperative carrying charge is also paid by the renter to the owner, the respondent was instructed to include the fee or carrying charge.

If a renter receives payments from lodgers or roomers who are listed as members of the household, the respondent was instructed to report the rent without deduction for any payments received from the lodgers or roomers. The respondent was instructed to report the rent agreed to or contracted for even if paid by someone else such as friends or relatives living elsewhere, or a church or welfare agency.

In some tabulations, contract rent is presented for all renter-occupied housing units, as well as specified renter-occupied and vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses on 10 or more acres. (For more information on rent, see the discussion under "Gross Rent.")

**Median and Quartile Contract Rent**—The median divides the rent distribution into two equal parts. Quartiles divide the rent distribution into four equal parts. In computing median and quartile contract rent, units reported as "No cash rent" are excluded. Median and quartile rent calculations are rounded to the nearest whole dollar. (For more information on medians and quartiles, see the discussion under "Derived Measures.")

**Aggregate Contract Rent**—To calculate aggregate contract rent, the amount assigned for the category "Less than \$80" is \$50. The amount assigned to the category "\$1,000 or more" is \$1,250. Mean contract rent is rounded to the nearest whole dollar. (For more information on aggregates and means, see the discussion under "Derived Measures.")

**Limitation of the Data**—In the 1970 and 1980 censuses, contract rent for vacant units had high allocation rates, about 35 percent.

**Comparability**—Data on this item have been collected since 1930. For 1990, quartiles were added because the range of rents and values in the United States has increased in recent years. Upper and lower quartiles can be used to note large rent and value differences among various geographic areas.

## DURATION OF VACANCY

The data for duration of vacancy (also referred to as "months vacant") were obtained from questionnaire item D, which was completed by census enumerators. The statistics on duration of vacancy refer to the length of time (in months and years) between the date the last occupants moved from the unit and the time of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant.

For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed. Units occupied by an entire household with a usual home elsewhere are assigned to the "Less than 1 month" interval.

**Comparability**—Similar data have been collected since 1960. In 1970 and 1980, these data were shown only for year-round vacant housing units. In 1990, these data are shown for all vacant housing units.

## FARM RESIDENCE

The data on farm residence were obtained from questionnaire items H19a and H19b. An occupied one-family house or mobile home is classified as a farm residence if: (1) the housing unit is located on a property of 1 acre or more, and (2) at least \$1,000 worth of agricultural products were sold from the property in 1989. Group quarters and housing units that are in multi-unit buildings or vacant are not included as farm residences.

A one-family unit occupied by a tenant household paying cash rent for land and buildings is enumerated as a farm residence only if sales of agricultural products from its yard (as opposed to the general property on

which it is located) amounted to at least \$1,000 in 1989. A one-family unit occupied by a tenant household that does not pay cash rent is enumerated as a farm residence if the remainder of the farm (including its yard) qualifies as a farm.

Farm residence is provided as an independent data item only for housing units located in rural areas. It may be derived for housing units in urban areas from the data items on acreage and sales of agricultural products on the public-use microdata sample (PUMS) files. (For more information on PUMS, see Appendix F, Data Products and User Assistance.)

The farm population consists of persons in households living in farm residences. Some persons who are counted on a property classified as a farm (including in some cases farm workers) are excluded from the farm population. Such persons include those who reside in multi-unit buildings or group quarters.

**Comparability**—These are the same criteria that were used to define a farm residence in 1980. In 1960 and 1970, a farm was defined as a place of 10 or more acres with at least \$50 worth of agricultural sales or a place of less than 10 acres with at least \$250 worth of agricultural sales. Earlier censuses used other definitions. Note that the definition of a farm residence differs from the definition of a farm in the Census of Agriculture (*Factfinder for the Nation: Agricultural Statistics*, Bureau of the Census, 1989).

## GROSS RENT

Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else). Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of utilities and fuels are reported on a yearly basis but are converted to monthly figures for the tabulations. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. Gross rent is calculated on a sample basis.

**Comparability**—Data on gross rent have been collected since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

## GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

Gross rent as a percentage of household income in 1989 is a computed ratio of monthly gross rent to monthly household income (total household income in

1989 divided by 12). The ratio was computed separately for each unit and was rounded to the nearest whole percentage. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss in 1989 comprise the category "Not computed." This item is calculated on a sample basis.

## HOUSE HEATING FUEL

The data on house heating fuel were obtained from questionnaire item H14, which was asked at occupied housing units. This item was asked on a sample basis. The data show the type of fuel used most to heat the house or apartment.

**Utility Gas**—Includes gas piped through underground pipes from a central system to serve the neighborhood.

**Bottled, Tank, or LP Gas**—Includes liquid propane gas stored in bottles or tanks which are refilled or exchanged when empty.

**Fuel Oil, Kerosene, Etc.**—Includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids.

**Wood**—Includes purchased wood, wood cut by household members on their property or elsewhere, driftwood, sawmill or construction scraps, or the like.

**Solar Energy**—Includes heat provided by sunlight which is collected, stored, and actively distributed to most of the rooms.

**Other Fuel**—Includes all other fuels not specified elsewhere.

**No Fuel Used**—Includes units that do not use any fuel or that do not have heating equipment.

**Comparability**—Data on house heating fuel have been collected since 1940. The category, "Solar energy" is new for 1990.

## INSURANCE FOR FIRE, HAZARD, AND FLOOD

The data on fire, hazard, and flood insurance were obtained from questionnaire item H22, which was asked at a sample of owner-occupied one-family houses, condominiums, and mobile homes. The statistics for this item refer to the annual premium for fire, hazard, and flood insurance on the property (land and buildings); that is, policies that protect the property and its contents against loss due to damage by fire, lightning, winds, hail, flood, explosion, and so on.

Liability policies are included only if they are paid with the fire, hazard, and flood insurance premiums and the amounts for fire, hazard, and flood cannot be separated. Premiums are included even if paid by someone outside

the household or remain unpaid. When premiums are paid on other than a yearly basis, the premiums are converted to a yearly basis.

The payment for fire, hazard, and flood insurance is added to payments for real estate taxes, utilities, fuels, and mortgages (both first and junior mortgages and home equity loans) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989."

A separate question (H23d) determines whether insurance premiums are included in the mortgage payment to the lender(s). This makes it possible to avoid counting these premiums twice in the computations.

**Comparability**—Data on payment for fire and hazard insurance were collected for the first time in 1980. Flood insurance was not specifically mentioned in the wording of the question in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It also was asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

## KITCHEN FACILITIES

Data on kitchen facilities were obtained from questionnaire item H11, which was asked at both occupied and vacant housing units. A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range, cook top and convection or microwave oven, or cookstove, and (3) a refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Portable cooking equipment is not considered a range or cookstove. An ice box is not considered to be a refrigerator.

**Comparability**—Data on complete kitchen facilities were collected for the first time in 1970. Earlier censuses collected data on individual components, such as kitchen sink and type of refrigeration equipment. In 1970 and 1980, data for kitchen facilities were shown only for year-round units. In 1990, data are shown for all housing units.

## MEALS INCLUDED IN RENT

The data on meals included in the rent were obtained from questionnaire item H7b, which was asked of all occupied housing units that were rented for cash and all vacant housing units that were for rent at the time of enumeration.

The statistics on meals included in rent are presented for specified renter-occupied and specified vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses on 10 or more acres. (For more information, see the discussion under "Contract Rent.")

**Comparability**—This is a new item in 1990. It is intended to measure "congregate" housing, which generally is considered to be housing units where the rent includes meals and other services, such as transportation to shopping and recreation.

## MOBILE HOME COSTS

The data on mobile home costs were obtained from questionnaire item H26, which was asked at owner-occupied mobile homes. This item was asked on a sample basis.

These data include the total yearly costs for personal property taxes, land or site rent, registration fees, and license fees on all owner-occupied mobile homes. The instructions are to not include real estate taxes already reported in question H21.

Costs are estimated as closely as possible when exact costs are not known. Amounts are the total for an entire 12-month billing period, even if they are paid by someone outside the household or remain unpaid.

The data from this item are added to payments for mortgages, real estate taxes, fire, hazard, and flood insurance payments, utilities, and fuels to derive selected monthly owner costs for mobile homes owners.

**Comparability**—This item is new for 1990.

## MORTGAGE PAYMENT

The data on mortgage payment were obtained from questionnaire item H23b, which was asked at owner occupied one-family houses, condominiums, and mobile homes. This item was asked on a sample basis. Question H23b provides the regular monthly amount required to be paid the lender for the first mortgage (deed of trust, contract to purchase, or similar debt) on the property. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for units with a mortgage.

The amounts reported include everything paid to the lender including principal and interest payments, real estate taxes, fire, hazard, and flood insurance payments, and mortgage insurance premiums. Separate questions determine whether real estate taxes and fire, hazard, and flood insurance payments are included in

the mortgage payment to the lender. This makes it possible to avoid counting these components twice in the computation of "Selected Monthly Owner Costs."

**Comparability**—Information on mortgage payment was collected for the first time in 1980. It was collected only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, one-family houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions on monthly mortgage payments were asked of all owner-occupied one-family houses, including one-family houses on 10 or more acres. They were also asked at mobile homes, condominiums, and one-family houses with a business or medical office.

The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from a single question. Two questions were used in 1990; one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages or home equity loans. (For more information, see the discussion under "Second or Junior Mortgage Payment.")

## MORTGAGE STATUS

The data on mortgage status were obtained from questionnaire items H23a and H24a, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. "Mortgage" refers to all forms of debt where the property is pledged as security for repayment of the debt. It includes such debt instruments as deeds of trust, trust deeds, contracts to purchase, land contracts, junior mortgages and home equity loans.

A mortgage is considered a first mortgage if it has prior claim over any other mortgage or if it is the only mortgage on the property. All other mortgages, (second, third, etc.) are considered junior mortgages. A home equity loan is generally a junior mortgage. If no first mortgage is reported, but a junior mortgage or home equity loan is reported, then the loan is considered a first mortgage.

In most census data products, the tabulations for "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" usually are shown separately for units "with a mortgage" and for units "not mortgaged." The category "not mortgaged" is comprised of housing units owned free and clear of debt.

**Comparability**—A question on mortgage status was included in the 1940 and 1950 censuses, but not in the 1960 and 1970 censuses. The item was reinstated in 1980 along with a separate question dealing with the existence of second or junior mortgages. In 1980, the mortgage status questions were asked at owner-occupied

one-family houses on less than 10 acres. Excluded were mobile homes, condominiums, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions were asked of all one-family owner-occupied housing units, including houses on 10 or more acres. They were also asked at mobile homes, condominiums, and houses with a business or medical office.

## PERSONS IN UNIT

This item is based on the 100-percent count of persons in occupied housing units. All persons occupying the housing unit are counted, including the householder, occupants related to the householder, and lodgers, roomers, boarders, and so forth.

The data on "persons in unit" show the number of housing units occupied by the specified number of persons. The phrase "persons in unit" is used for housing tabulations, "persons in households" for population items. Figures for "persons in unit" match those for "persons in household" for 100-percent data products. In sample products, they may differ because of the weighting process.

**Median Persons in Unit**—In computing median persons in unit, a whole number is used as the midpoint of an interval; thus, a unit with 4 persons is treated as an interval ranging from 3.5 to 4.5 persons. Median persons is rounded to the nearest hundredth. (For more information on medians, see the discussion under "Derived Measures.")

**Persons in Occupied Housing Units**—This is the total population minus those persons living in group quarters. "Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units.

## PERSONS PER ROOM

"Persons per room" is obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. Persons per room is rounded to the nearest hundredth. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Mean Persons Per Room**—This is computed by dividing persons in housing units by the aggregate number of rooms. This is intended to provide a measure of utilization. A higher mean may indicate a greater degree of utilization or crowding; a low mean may indicate underutilization. (For more information on means, see the discussion under "Derived Measures.")

## PLUMBING FACILITIES

The data on plumbing facilities were obtained from questionnaire item H10, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Complete plumbing facilities include hot and cold piped water, a flush toilet, and a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities are not present.

**Comparability**—The 1990 data on complete plumbing facilities are not strictly comparable with the 1980 data. In 1980, complete plumbing facilities were defined as hot and cold piped water, a bathtub or shower, and a flush toilet in the housing unit for the exclusive use of the residents of that unit. In 1990, the Census Bureau dropped the requirement of exclusive use from the definition of complete plumbing facilities. Of the 2.3 million year-round housing units classified in 1980 as lacking complete plumbing for exclusive use, approximately 25 percent of these units had complete plumbing but the facilities were also used by members of another household. From 1940 to 1970, separate and more detailed questions were asked on piped water, bathing, and toilet facilities. In 1970 and 1980, the data on plumbing facilities were shown only for year-round units.

## POVERTY STATUS OF HOUSEHOLDS IN 1989

The data on poverty status of households were derived from answers to the income questions. The income items were asked on a sample basis. Households are classified below the poverty level when the total 1989 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household, nor does their presence affect the household size in determining the appropriate poverty threshold. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual for one and two-persons households. (For more information, see the discussion of "Poverty Status in 1989" and "Income in 1989" under Population Characteristics.)

## REAL ESTATE TAXES

The data on real estate taxes were obtained from questionnaire item H21, which was asked at owner-occupied one-family houses, condominiums, and mobile homes. The statistics from this question refer to the total amount of all real estate taxes on the entire

property (land and buildings) payable in 1989 to all taxing jurisdictions, including special assessments, school taxes, county taxes, and so forth.

Real estate taxes include State, local, and all other real estate taxes even if delinquent, unpaid, or paid by someone who is not a member of the household. However, taxes due from prior years are not included. If taxes are paid on other than a yearly basis, the payments are converted to a yearly basis.

The payment for real estate taxes is added to payments for fire, hazard, and flood insurance; utilities and fuels; and mortgages (both first and junior mortgages and home equity loans) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989." A separate question (H23c) determines whether real estate taxes are included in the mortgage payment to the lender(s). This makes it possible to avoid counting taxes twice in the computations.

**Comparability**—Data for real estate taxes were collected for the first time in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes or trailers, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It also was asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

## ROOMS

The data on rooms were obtained from questionnaire item H3, which was asked at both occupied and vacant housing units. The statistics on rooms are in terms of the number of housing units with a specified number of rooms. The intent of this question is to count the number of whole rooms used for living purposes.

For each unit, rooms include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls or foyers, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling, but not if the partition consists solely of shelves or cabinets.

**Median Rooms**—This measure divides the room distribution into two equal parts, one-half of the cases falling below the median number of rooms and one-half above the median. In computing median rooms, the whole number is used as the midpoint of the interval; thus, the category "3 rooms" is treated as an interval ranging

from 2.5 to 3.5 rooms. Median rooms is rounded to the nearest tenth. (For more information on medians, see the discussion under "Derived Measures.")

**Aggregate Rooms**—To calculate aggregate rooms, an arbitrary value of "10" is assigned to rooms for units falling within the terminal category, "9 or more." (For more information on aggregates and means, see the discussion under "Derived Measures.")

**Comparability**—Data on rooms have been collected since 1940. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units.

## SECOND OR JUNIOR MORTGAGE PAYMENT

The data on second or junior mortgage payments were obtained from questionnaire items H24a and H24b, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. Question H24a asks whether a second or junior mortgage or a home equity loan exists on the property. Question H24b provides the regular monthly amount required to be paid to the lender on all second or junior mortgages and home equity loans. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for units with a mortgage.

All mortgages other than first mortgages are classified as "junior" mortgages. A second mortgage is a junior mortgage that gives the lender a claim against the property that is second to the claim of the holder of the first mortgage. Any other junior mortgage(s) would be subordinate to the second mortgage. A home equity loan is a line of credit available to the borrower that is secured by real estate. It may be placed on a property that already has a first or second mortgage, or it may be placed on a property that is owned free and clear.

If the respondents answered that no first mortgage existed, but a second mortgage did (as in the above case with a home equity loan), a computer edit assigned the unit a first mortgage and made the first mortgage monthly payment the amount reported in the second mortgage. The second mortgage data were then made "No" in question H24a and blank in question H24b.

**Comparability**—The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from one single question. Two questions were used in 1990: one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages and home equity loans.

## SELECTED MONTHLY OWNER COSTS

The data on selected monthly owner costs were obtained from questionnaire items H20 through H26 for a sample of owner-occupied one-family houses, condominiums, and mobile homes. Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second or junior mortgages, and home equity loans); real estate taxes; fire, hazard, and flood insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). It also includes, where appropriate, the monthly condominium fee for condominiums and mobile home costs (personal property taxes, site rent, registration fees, and license fees) for mobile homes.

In certain tabulations, selected monthly owner costs are presented separately for specified owner-occupied housing units (owner-occupied one-family houses on fewer than 10 acres without a business or medical office on the property), owner-occupied condominiums, and owner-occupied mobile homes. Data usually are shown separately for units "with a mortgage" and for units "not mortgaged."

**Median Selected Monthly Owner Costs**—This measure is rounded to the nearest whole dollar.

**Comparability**—The components of selected monthly owner costs were collected for the first time in 1980. The 1990 tabulations of selected monthly owner costs for specified owner-occupied housing units are virtually identical to 1980, the primary difference was the amounts of the first and second mortgages were collected in separate questions in 1990, while the amounts were collected in a single question in 1980. The component parts of the item were tabulated for mobile homes and condominiums for the first time in 1990.

In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

## SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

The information on selected monthly owner costs as a percentage of household income in 1989 is the computed ratio of selected monthly owner costs to monthly household income in 1989. The ratio was computed separately for each unit and rounded to the nearest whole percentage. The data are tabulated separately for specified owner-occupied units, condominiums, and mobile homes.

Separate distributions are often shown for units "with a mortgage" and for units "not mortgaged." Units occupied by households reporting no income or a net loss in 1989 are included in the "not computed" category. (For more information, see the discussion under "Selected Monthly Owner Costs.")

**Comparability**—The components of selected monthly owner costs were collected for the first time in 1980. The tabulations of "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for specified owner-occupied housing units are comparable to 1980.

## SEWAGE DISPOSAL

The data on sewage disposal were obtained from questionnaire item H16, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, "Other means" includes housing units which dispose of sewage in some other way.

**Comparability**—Data on sewage disposal have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units. In 1990, data are shown for all housing units.

## SOURCE OF WATER

The data on source of water were obtained from questionnaire item H15, which was asked at both occupied and vacant housing units. Housing units may receive their water supply from a number of sources. A common source supplying water to five or more units is classified as a "Public system or private company." The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to five or more housing units. If the water is supplied from a well serving four or fewer housing units, the units are classified as having water supplied by either an "Individual drilled well" or an "Individual dug well." Drilled wells or small diameter wells are usually less than 1-1/2 feet in diameter. Dug wells are usually larger than 1-1/2 feet wide and generally hand dug. The category, "Some other source" includes water obtained from springs, creeks, rivers, lakes, cisterns, etc.

**Comparability**—Data on source of water have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units. In 1990, data are shown for all housing units.

## TELEPHONE IN HOUSING UNIT

The data on telephones were obtained from questionnaire item H12, which was asked at occupied housing units. This item was asked on a sample basis. A telephone must be inside the house or apartment for the unit to be classified as having a telephone. Units where the respondent uses a telephone located inside the building but not in the respondent's living quarters are classified as having no telephone.

**Comparability**—Data on telephones in 1980 are comparable to 1990. The 1960 and 1970 censuses collected data on telephone availability. A unit was classified as having a telephone available if there was a telephone number on which occupants of the unit could be reached. The telephone could have been in another unit, in a common hall, or outside the building.

## TENURE

The data for tenure were obtained from questionnaire item H4, which was asked at all occupied housing units. All occupied housing units are classified as either owner occupied or renter occupied.

**Owner Occupied**—A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. The owner or co-owner must live in the unit and usually is the person listed in column 1 of the questionnaire. The unit is "Owned by you or someone in this household with a mortgage or loan" if it is being purchased with a mortgage or some other debt arrangement such as a deed of trust, trust deed, contract to purchase, land contract, or purchase agreement. The unit is also considered owned with a mortgage if it is built on leased land and there is a mortgage on the unit.

A housing unit is "Owned by you or someone in this household free and clear (without a mortgage)" if there is no mortgage or other similar debt on the house, apartment, or mobile home including units built on leased land if the unit is owned outright without a mortgage. Although owner-occupied units are divided between mortgaged and owned free and clear on the questionnaire, census data products containing 100-percent data show only total owner-occupied counts. More extensive mortgage information was collected on the long-form questionnaire and are shown in census products containing sample data. (For more information, see the discussion under "Mortgage Status.")

**Renter Occupied**—All occupied housing units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied. "No cash rent" units are separately identified in the rent tabulations. Such units

are generally provided free by friends or relatives or in exchange for services such as resident manager, caretaker, minister, or tenant farmer. Housing units on military bases also are classified in the "No cash rent" category. "Rented for cash rent" includes units in continuing care, sometimes called life care arrangements. These arrangements usually involve a contract between one or more individuals and a health services provider guaranteeing the individual shelter, usually a house or apartment, and services, such as meals or transportation to shopping or recreation.

**Comparability**—Data on tenure have been collected since 1890. In 1970, the question on tenure also included a category for condominium and cooperative ownership. In 1980, condominium units and cooperatives were dropped from the tenure item, and since 1980, only condominium units are identified in a separate question.

For 1990, the response categories were expanded to allow the respondent to report whether the unit was owned with a mortgage or free and clear (without a mortgage). The distinction between units owned with a mortgage and units owned free and clear was added in 1990 to improve the count of owner-occupied units. Research after the 1980 census indicated some respondents did not consider their units owned if they had a mortgage.

## UNITS IN STRUCTURE

The data on units in structure (also referred to as "type of structure") were obtained from questionnaire item H2, which was asked at all housing units. A structure is a separate building that either has open spaces on all sides or is separated from other structures by dividing walls that extend from ground to roof. In determining the number of units in a structure, all housing units, both occupied and vacant, are counted. Stores and office space are excluded.

The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings.

**1-Unit, Detached**—This is a 1-unit structure detached from any other house; that is, with open space on all four sides. Such structures are considered detached even if they have an adjoining shed or garage. A one-family house that contains a business is considered detached as long as the building has open space on all four sides. Mobile homes or trailers to which one or more permanent rooms have been added or built also are included.

**1-Unit, Attached**—This is a 1-unit structure that has one or more walls extending from ground to roof separating it from adjoining structures. In row houses (sometimes called townhouses), double houses, or houses

attached to nonresidential structures, each house is a separate, attached structure if the dividing or common wall goes from ground to roof.

**2 or More Units**—These are units in structures containing 2 or more housing units, further categorized as units in structures with 2, 3 or 4, 5 to 9, 10 to 19, 20 to 49, and 50 or more units.

**Mobile Home or Trailer**—Both occupied and vacant mobile homes to which no permanent rooms have been added are counted in this category. Mobile homes or trailers used only for business purposes or for extra sleeping space and mobile homes or trailers for sale on a dealer's lot, at the factory, or in storage are not counted in the housing inventory.

**Other**—This category is for any living quarters occupied as a housing unit that does not fit the previous categories. Examples that fit this category are houseboats, railroad cars, campers, and vans.

**Comparability**—Data on units in structure have been collected since 1940 and on mobile homes and trailers since 1950. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units. In 1980, the data were collected on a sample basis. The category, "Boat, tent, van, etc." was replaced in 1990 by the category "Other." In some areas, the proportion of units classified as "Other" is far larger than the number of units that were classified as "Boat, tent, van, etc." in 1980.

## USUAL HOME ELSEWHERE

The data for usual home elsewhere are obtained from questionnaire item B, which was completed by census employees. A housing unit temporarily occupied at the time of enumeration entirely by persons with a usual residence elsewhere is classified as vacant. The occupants are classified as having a "Usual home elsewhere" and are counted at the address of their usual place of residence. Typical examples are people in a vacation home, persons renting living quarters temporarily for work, and migrant workers.

**Limitation of the Data**—Evidence from previous censuses suggests that in some areas enumerators marked units as "vacant—usual home elsewhere" when they should have marked "vacant—regular."

**Comparability**—Data for usual home elsewhere was tabulated for the first time in 1980.

## UTILITIES

The data on utility costs were obtained from questionnaire items H20a through H20d, which were asked of occupied housing units. These items were asked on a sample basis.

Questions H20a through H20d asked for the yearly cost of utilities (electricity, gas, water) and other fuels (oil, coal, wood, kerosene, etc.). For the tabulations, these yearly amounts are divided by 12 to derive the average monthly cost and are then included in the computation of "Gross Rent," "Gross Rent as a Percentage of Household Income in 1989," "Selected Monthly Owner Costs," and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989."

Costs are recorded if paid by or billed to occupants, a welfare agency, relatives, or friends. Costs that are paid by landlords, included in the rent payment, or included in condominium or cooperative fees are excluded.

**Limitation of the Data**—Research has shown that respondents tended to overstate their expenses for electricity and gas when compared to utility company records. There is some evidence that this overstatement is reduced when yearly costs are asked rather than monthly costs. Caution should be exercised in using these data for direct analysis because costs are not reported for certain kinds of units such as renter-occupied units with all utilities included in the rent and owner-occupied condominium units with utilities included in the condominium fee.

**Comparability**—The data on utility costs have been collected since 1980 for owner-occupied housing units, and since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

## VACANCY STATUS

The data on vacancy status were obtained from questionnaire item C1, which was completed by census enumerators. Vacancy status and other characteristics of vacant units were determined by enumerators obtaining information from landlords, owners, neighbors, rental agents, and others. Vacant units are subdivided according to their housing market classification as follows:

**For Rent**—These are vacant units offered "for rent," and vacant units offered either "for rent" or "for sale."

**For Sale Only**—These are vacant units being offered "for sale only," including units in cooperatives and condominium projects if the individual units are offered "for sale only."

**Rented or Sold, Not Occupied**—If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of enumeration, or if the unit has recently been sold but the new owner has not yet moved in, the vacant unit is classified as "rented or sold, not occupied."

**For Seasonal, Recreational, or Occasional Use**—These are vacant units used or intended for use only in certain seasons or for weekend or other occasional use throughout the year.

Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units also may include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared-ownership or time-sharing condominiums, also are included here.

**For Migrant Workers**—These include vacant units intended for occupancy by migratory workers employed in farm work during the crop season. (Work in a cannery, a freezer plant, or a food-processing plant is not farm work.)

**Other Vacant**—If a vacant unit does not fall into any of the classifications specified above, it is classified as "other vacant." For example, this category includes units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

**Homeowner Vacancy Rate**—This is the percentage relationship between the number of vacant units for sale and the total homeowner inventory. It is computed by dividing the number of vacant units for sale only by the sum of the owner-occupied units and the number of vacant units that are for sale only.

**Rental Vacancy Rate**—This is the percentage relationship of the number of vacant units for rent to the total rental inventory. It is computed by dividing the number of vacant units for rent by the sum of the renter-occupied units and the number of vacant units for rent.

**Comparability**—Data on vacancy status have been collected since 1940. For 1990, the category, "seasonal/recreational/occasional use" combined vacant units classified in 1980 as "seasonal or migratory" and "held for occasional use." Also, in 1970 and 1980, housing characteristics generally were presented only for year-round units. In 1990, housing characteristics are shown for all housing units.

## VALUE

The data on value (also referred to as "price asked" for vacant units) were obtained from questionnaire item H6, which was asked at housing units that were owned, being bought, or vacant for sale at the time of enumeration. Value is the respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale. If the house or mobile home was owned or being bought, but the land on which it sits was not, the respondent was

asked to estimate the combined value of the house or mobile home and the land. For vacant units, value was the price asked for the property.

Value was tabulated separately for all owner-occupied and vacant-for-sale housing units, owner-occupied and vacant-for-sale mobile homes or trailers, and specified owner-occupied and specified vacant-for-sale housing units. Specified owner-occupied and specified vacant-for-sale housing units include only one-family houses on fewer than 10 acres without a business or medical office on the property. The data for "specified units" exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings.

**Median and Quartile Value**—The median divides the value distribution into two equal parts. Quartiles divide the value distribution into four equal parts. These measures are rounded to the nearest hundred dollars. (For more information on medians and quartiles, see the discussion under "Derived Measures.")

**Aggregate Value**—To calculate aggregate value, the amount assigned for the category "Less than \$10,000" is \$9,000. The amount assigned to the category "\$500,000 or more" is \$600,000. Mean value is rounded to the nearest hundred dollars. (For more information on aggregates and means, see the discussion under "Derived Measures.")

**Comparability**—In 1980, value was asked only at owner-occupied or vacant-for-sale one-family houses on fewer than 10 acres with no business or medical office on the property and at all owner-occupied or vacant-for-sale condominium housing units. Mobile homes were excluded. Value data were presented for specified owner-occupied housing units, specified vacant-for-sale-only housing units, and owner-occupied condominium housing units.

In 1990, the question was asked at all owner-occupied or vacant-for-sale-only housing units with no exclusions. Data presented for specified owner-occupied and specified vacant-for-sale-only housing units will include one-family condominium houses but not condominiums in multi-unit structures since condominium units are now identified only in long-form questionnaires.

For 1990, quartiles have been added because the range of values and rents in the United States has increased in recent years. Upper and lower quartiles can be used to note large value and rent differences among various geographic areas.

## VEHICLES AVAILABLE

The data on vehicles available were obtained from questionnaire item H13, which was asked at occupied housing units. This item was asked on a sample basis. These data show the number of households with a

specified number of passenger cars, vans, and pickup or panel trucks of one-ton capacity or less kept at home and available for the use of household members. Vehicles rented or leased for one month or more, company vehicles, and police and government vehicles are included if kept at home and used for nonbusiness purposes. Dismantled or immobile vehicles are excluded. Vehicles kept at home but used only for business purposes also are excluded.

**Vehicles Per Household**—This is computed by dividing aggregate vehicles available by the number of occupied housing units.

**Limitation of the Data**—The 1980 census evaluations showed that the number of automobiles was slightly overreported; the number of vans and trucks slightly underreported. The statistics do not measure the number of vehicles privately owned or the number of households owning vehicles.

**Comparability**—Data on automobiles available were collected from 1960 to 1980. In 1980, a separate question also was asked on the number of trucks and vans. The data on automobiles and trucks and vans were presented separately and also as a combined vehicles available tabulation. The 1990 data are comparable to the 1980 vehicles available tabulations.

## YEAR HOUSEHOLDER MOVED INTO UNIT

The data on year householder moved into unit were obtained from questionnaire item H8, which was asked at occupied housing units. This item was asked on a sample basis. These data refer to the year of the latest move by the householder. If a householder moved back into a housing unit he or she previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another within the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year that the householder moved in is not necessarily the same year other members of the household moved, although in the great majority of cases an entire household moves at the same time.

**Comparability**—In 1960 and 1970, this question was asked of every person and included in population reports. This item in housing tabulations refers to the year the householder moved in. In 1980 and 1990, the question was asked only of the householder.

## YEAR STRUCTURE BUILT

The data on year structure built were obtained from questionnaire item H17, which was asked at both occupied and vacant housing units. This item was asked on

a sample basis. Data on year structure built refer to when the building was first constructed, not when it was remodeled, added to, or converted. For housing units under construction that met the housing unit definition—that is, all exterior windows, doors, and final usable floors were in place—the category “1989 or March 1990” was used. For a houseboat or a mobile home or trailer, the manufacturer’s model year was assumed to be the year built. The figures shown in census data products relate to the number of units built during the specified periods that were still in existence at the time of enumeration.

**Median Year Structure Built**—The median divides the distribution into two equal parts. The median is rounded to the nearest calendar year. Median age of housing can be obtained by subtracting median year structure built from 1990. For example, if the median year structure built is 1957, the median age of housing in that area is 33 years (1990 minus 1957).

**Limitation of the Data**—Data on year structure built are more susceptible to errors of response and nonreporting than data on many other items because respondents must rely on their memory or on estimates by persons who have lived in the neighborhood a long time. Available evidence indicates there is underreporting in the older-year-structure-built categories, especially “Built in 1939 or earlier.” The introduction of the “Don’t know” category (see the discussion on “Comparability”) may have resulted in relatively higher allocation rates. Data users should refer to the discussion in Appendix C, Accuracy of the Data, and to the allocation tables.

**Comparability**—Data on year structure built were collected for the first time in the 1940 census. Since then, the response categories have been modified to accommodate the 10-year period between each census. In 1990, the category, “Don’t Know,” was added in an effort to minimize the response error mentioned in the paragraph above on limitation of the data.

## DERIVED MEASURES

Census data products include various derived measures, such as medians, means, and percentages, as well as certain rates and ratios. Derived measures that round to less than 0.1 are not shown but indicated as zero. In printed reports, zero is indicated by a dash (-).

### Interpolation

Interpolation frequently is used in calculating medians or quartiles based on interval data and in approximating standard errors from tables. Linear interpolation is used to estimate values of a function between two

known values. “Pareto interpolation” is an alternative to linear interpolation. It is used by the Census Bureau in calculating median income within intervals wider than \$2,500. In Pareto interpolation, the median is derived by interpolating between the logarithms of the upper and lower income limits of the median category.

### Mean

This measure represents an arithmetic average of a set of values. It is derived by dividing the sum of a group of numerical items (or aggregate) by the total number of items. Aggregates are used in computing mean values. For example, mean family income is obtained by dividing the aggregate of all income reported by persons in families by the total number of families. (Additional information on means and aggregates is included in the separate explanations of many population and housing subjects.)

### Median

This measure represents the middle value in a distribution. The median divides the total frequency into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in specific census publications and other data products.

In reports, if the median falls within the upper interval of the tabulation distribution, the median is shown as the initial value of the interval followed by a plus sign (+); if within the lower interval, the median is shown as the upper value of the category followed by a minus sign (-). For summary tape files, if the median falls within the upper or lower interval, it is set to a specified value. (Additional information on medians is included in the separate explanations of many population and housing subjects.)

### Percentages, Rates, and Ratios

These measures are frequently presented in census products to compare two numbers or two sets of measurements. These comparisons are made in two ways: (1) subtraction, which provides an absolute measure of the difference between two items, and (2) the quotient of two numbers, which provides a relative measure of difference.

### Quartile

This measure divides a distribution into four equal parts. The first quartile (or lower quartile) is the value that defines the upper limit of the lowest one-quarter of the cases. The second quartile is the median. The third quartile (or upper quartile) defines the lower limit of the

upper one-quarter of the cases in the distribution. The difference between the upper and lower quartiles is called the interquartile range. This interquartile range is

less affected by wide variations than is the mean. Quartiles are presented for certain financial characteristics such as housing value and rent.

## APPENDIX C. Notes on Selected Data Items

This section primarily contains explanations for the treatment of certain variables in PUMS, and should be used in conjunction with the data dictionary and appendix B.

### H18-19 Type of Area (Areatype)

Areatype is a description of the geographic characteristics in a PUMA. For 1990, separate codes describe PUMAs on the 1% and 5% samples. Any county, county equivalent, place, etc., which had more than 200,000 persons could be subdivided into more than one PUMA as long as the resultant grouping had a minimum of 100,000 persons.

Codes 10-50 define 1% (B) sample areas, and codes 60-82 define 5% (A) sample areas.

### H20-23 MSA/PMSA Residence

Appendix G indicates those MAs shown in their entirety on each PUMS file. In addition, MA codes also appear in H20-23 for PUMAs entirely within an MA, even where the total MA is not shown.

### H29-32 HOUSING WEIGHT

We are including weights for each housing unit. These weights can be summed to get estimates of specific housing unit characteristics. See chapter 3 for a discussion on the proper use of these weights.

### H33-34 Number of Person Records Following This Housing Unit Record

Users interested in tabulating household size or the number of persons in the housing unit may use this item, provided that records for persons in group quarters are first screened out. Persons-in-group-quarters records are identified by codes of 1-2 in H35 (Group Quarters Institution) or by codes 12-13 in P9-10 (Relationship).

### H35 (Group Quarters Institution)

Because of disclosure concerns, the only characteristic that will be shown describing group quarters is whether it is an institutional or noninstitutional group quarters.

H69-115 and P127-182 Most economic items were topcoded on a national basis. The criteria used was whether the topcode protected either 1/2 of 1% of the total universe or 3% of the cases with the characteristic. In most instances, we used the value that was more favorable to the user. In all topcoded situations, if there were at least 30 cases above the topcoded amount we provided the state median of all values above the topcode. Pay close attention to the period covered by the estimate (some are monthly, others annual). A complete list of topcoded variables and respective state medians is in the User Note chapter.

**Appendix C: Notes on Selected Data Items (continued)**

H111-128      GROSS RENT as a % of HH Income  
and  
H124-128      Selected Monthly Owners Costs as a % of HH Income.

These variables are calculated from the topcoded components, and, in those cases where original amounts were topcoded, either the topcode or the medians were used. In those situations, the proportion of income represented may not match distributions found on other products from sample data.

For those components which required monthly averages, we computed, and rounded the monthly average from the reported annual data.

The following Recodes are provided for the users convenience. They can be constructed from original data through manipulation of related items. See the data dictionary for values for items.

H134    Family Income  
H141    Household Income  
H148    Workers in Family in 1989  
H149    Household Language  
H150    Linguistic Isolation  
H151    Household Family Type  
H153    Number of Natural Born/Adopted  
H155    Number of Own Stepchildren  
H157    Number of Persons in Family  
H159    Number of Related Children in Household  
H161    Presence of Nonrelatives in Household  
H162    Presence of Persons under 18 in Household  
H163    Presence of Persons over 60 in Household  
H164    Presence of Persons over 65 in Household  
H165    Presence of Subfamilies in Household

Appendix C: Notes on Selected Data Items (continued)

Number      Title

P12-14 Race

For 1990 PUMS, we are showing 62 detailed race codes; the same distribution as shown in STF 2 matrix amended with codes for 25 larger American Indian Tribes. Check appendix I for specific descriptions of these race groups included in codes not separately identified here, (e.g., All other Asian (602, 620-652, 985)).

VALUE	RACE(62) DESCRIPTION
001	White (800-869, 971)
002	Black (870-934, 972)
004	Eskimo (935-940, 974)
005	Aleut (941-970, 975)
	Asian or Pacific Islander (600-699, 976-985):
	Asian (600-652, 976, 977, 979-982, 985):
	Chinese (605-607, 976):
006	Chinese, except Taiwanese (605, 976)
007	Taiwanese (606, 607)
008	Filipino (608, 977)
009	Japanese (611, 981)
010	Asian Indian (600, 982)
011	Korean (612, 979)
012	Vietnamese (619, 980)
013	Cambodian (604)
014	Hmong (609)
015	Laotian (613)
016	Thai (618)
	Other Asian (601-603, 610, 614-617, 620-652, 985):
017	Bangladeshi (601)
018	Burmese (603)
019	Indonesian (610)
020	Malayan (614)
021	Okinawan (615)
022	Pakistani (616)
023	Sri Lankan (617)
024	All other Asian (602, 620-652, 985)
	Pacific Islander (653-699, 978, 983, 984):
	Polynesian (653-659, 978, 983):
025	Hawaiian (653, 654, 978)
026	Samoan (655, 983)
027	Tahitian (656)
028	Tongan (657)
029	Other Polynesian (658, 659)
	Micronesian (660-675, 984):
030	Guamanian (660, 984)
031	Northern Mariana Islander (661, 671, 673)
032	Palauan (663)

**Appendix C: Notes on Selected Data Items (continued)**

033	Other Micronesian (662, 664-670, 672, 674, 675)
	Melanesian (676-680):
034	Fijian (676)
035	Other Melanesian (677-680)
036	Pacific Islander, not specified (681-699)
037	Other race (700-799, 986-999)
	American Indian (000-599, 973):
301	Alaskan Athabaskan (000, 001, 008, 009, 014)
302	Apache (255-264)
303	Blackfoot (360)
304	Cherokee (416-422, 555-557, 562)
305	Cheyenne (361-363)
306	Chickasaw (436)
307	Chippewa (330-353, 355, 544)
308	Choctaw (226, 228, 404, 434, 520, 559)
309	Comanche (325, 523)
310	Creek (423, 425, 426, 429-432, 449, 540, 541, 558, 560)
311	Crow (322)
312	Iroquois (405-415)
313	Kiowa (276, 522)
314	Lumbee (464)
315	Navajo (275)
316	Osage (320)
317	Paiute (175-192, 542)
318	Pima (217)
319	Potawatomi (367-374)
320	Pueblo (229-254, 506, 573)
321	Seminole (428, 438-443)
322	Shoshone (195-206, 494, 518)
323	Sioux (282-312, 326, 327)
324	Tlingit (017)
325	Tohono O'Odham (218-222)
326	All other tribes (002-007, 010-013, 015, 016, 018-174, 193, 194, 207-216, 223-225, 227, 265-274, 277-281, 313-319, 321, 323, 324, 328, 329, 354, 356-359, 364-366, 375-403, 424, 427, 433, 435, 437, 444-448, 450-463, 465-493, 495-505, 507-517, 519, 521, 524-539, 543, 545-547, 550-554, 561, 563-572, 574, 575, 599)
327	Tribe not specified (548, 549, 576-598) Tribe not reported (973)

**P22-25 PERSON WEIGHT**

We are providing weights for each person in the housing unit. Estimates for characteristics are made by summing the weights for those persons with the characteristic. See chapter 3 for a discussion on how to use the weights.

P26-37 The following variables are recodes and were derived for user convenience, Employment Status of Parents, Place of Birth, Married, Spouse Present/Spouse Absent, Own Child, Presence and age of own Children, Related Child, Detailed Relationship.

Appendix C: Notes on Selected Data Items (continued)

P62-66 Migration PUMA (MIGPUMA)

and

P97-101 Place of Work PUMA (POWPUMA)

Unlike current residence, the PUMAs for migration and place-of-work data are defined only to the whole county, county equivalent, or place level for PUMS. Therefore, it is not possible to tabulate either migration or place of work to the "group of census tracts level".

P85, P86, Work Limitation Status (DISABL1), Work Prevented Status (DISABL2), Mobility Limitation Status (MOBILLIM), P87, and P88 Personal Care Limitation Status (PERSCARE)

The following categories of persons are included in the (N/A) category for the variables P85 thru P88:

Under 16 years;

In wards in general and military hospitals for patients who have no usual home elsewhere;

In hospitals or wards for the chronically ill;

In military stockades or jails;

In crews of civilian vessels;

In transient quarters for temporary residents;

In military quarters on base;

On military ships.

P183 Augmented Person

In rare instances during the implementation of the sample weighting process, the sample size was considered inadequate to make estimates of sample data. In collection block groups with a designated 1-in-2 sampling rate, augmentation was employed if the 100% housing unit count was at least 6 and the observed sampling rate was less than 1-in-12. In collection block groups with a designated 1-in-6 or 1-in-8 sampling rate, augmentation was employed if the 100% housing unit was at least 12 and the observed sampling rate was less than 1-in-30. Augmentation was performed separately for group quarters persons using the same criteria as for the 1-in-6 or 1-in-8 designated sampling rates. Augmentation was achieved by selecting a sample of housing units (or group quarters persons) to increase the observed sampling rates to at least 1-in-12 or 1-in-30. Using the 100% characteristics, the selected households (or group quarters persons) were matched by a hot deck procedure to similar housing units (or group quarters persons) with sample data. The sample data were then copied to the augmented housing units (or group quarters persons). The augmentation rate was very small. Most augmentation occurred for group quarters persons.

Allocation of . . .

See the discussion of allocation flags beginning on page 3-16.

For other data items

See appendix B. Many common derived variables are explained.

# APPENDIX D.

## Collection and Processing Procedures

### CONTENTS

Data Collection Procedures .....	D-2
Enumeration and Residence Rules .....	D-1
Processing Procedures .....	D-5

### ENUMERATION AND RESIDENCE RULES

In accordance with census practice dating back to the first United States census in 1790, each person was to be enumerated as an inhabitant of his or her "usual residence" in the 1990 census. Usual residence is the place where the person lives and sleeps most of the time or considers to be his or her usual residence. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1, 1990).

#### Enumeration Rules

Each person whose usual residence was in the United States was to be included in the census, without regard to the person's legal status or citizenship. In a departure from earlier censuses, foreign diplomatic personnel participated voluntarily in the census, regardless of their residence on or off the premises of an embassy. As in previous censuses, persons in the United States specifically excluded from the census were foreign travelers who had not established a residence.

Americans with a usual residence outside the United States were not enumerated in the 1990 census. United States military and Federal civilian employees, and their dependents overseas, are included in the population counts for States for purposes of Congressional apportionment, but are excluded from all other tabulations for States and their subdivisions. The counts of United States military and Federal civilian employees, and their dependents, were obtained from administrative records maintained by Federal departments and agencies. Other

Americans living overseas, such as employees of international agencies and private businesses and students, were not enumerated, nor were their counts obtained from administrative sources. On the other hand, Americans temporarily overseas were to be enumerated at their usual residence in the United States.

#### Residence Rules

Each person included in the census was to be counted at his or her usual residence—the place where he or she lives and sleeps most of the time or the place where the person considers to be his or her usual home. If a person had no usual residence, the person was to be counted where he or she was staying on April 1, 1990.

Persons temporarily away from their usual residence, whether in the United States or overseas, on a vacation or on a business trip, were counted at their usual residence. Persons who occupied more than one residence during the year were counted at the one they considered to be their usual residence. Persons who moved on or near Census Day were counted at the place they considered to be their usual residence.

**Persons in the Armed Forces**—Members of the Armed Forces were counted as residents of the area in which the installation was located, either on the installation or in the surrounding community. Family members of Armed Forces personnel were counted where they were living on Census Day (for example, with the Armed Forces person or at another location).

Each Navy ship not deployed to the 6th or 7th Fleet was attributed to the municipality that the Department of the Navy designated as its homeport. If the homeport included more than one municipality, ships berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Ships attributed to the homeport, but not physically present and not deployed to the 6th or 7th Fleet, were assigned to the municipality named on the Department of the Navy's homeport list. These rules also apply to Coast Guard vessels.

Personnel assigned to each Navy and Coast Guard ship were given the opportunity to report a residence off the ship. Those who did report an off-ship residence in the communities surrounding the homeport were counted there; those who did not were counted as residents of

the ship. Personnel on Navy ships deployed to the 6th or 7th Fleet on Census Day were considered to be part of the overseas population.

**Persons on Maritime Ships**—Persons aboard maritime ships who reported an off-ship residence were counted at that residence. Those who did not were counted as residents of the ship, and were attributed as follows:

1. The port where the ship was docked on Census Day, if that port was in the United States or its territories.
2. The port of departure if the ship was at sea, provided the port was in the United States or its territories.
3. The port of destination in the United States or its territories, if the port of departure of a ship at sea was a foreign port.
4. The overseas population if the ship was docked at a foreign port or at sea between foreign ports. (These persons were not included in the overseas population for apportionment purposes.)

**Persons Away at School**—College students were counted as residents of the area in which they were living while attending college, as they have been since the 1950 census. Children in boarding schools below the college level were counted at their parental home.

**Persons in Institutions**—Persons under formally authorized, supervised care or custody, such as in Federal or State prisons; local jails; Federal detention centers; juvenile institutions; nursing, convalescent, and rest homes for the aged and dependent; or homes, schools, hospitals, or wards for the physically handicapped, mentally retarded, or mentally ill, were counted at these places.

**Persons Away From Their Usual Residence on Census Day**—Migrant agricultural workers who did not report a usual residence elsewhere were counted as residents of the place where they were on Census Day. Persons in worker camps who did not report a usual residence elsewhere were counted as residents of the camp where they were on Census Day.

In some parts of the country, natural disasters displaced significant numbers of households from their usual place of residence. If these persons reported a destroyed or damaged residence as their usual residence, they were counted at that location.

Persons away from their usual residence were counted by means of interviews with other members of their families, resident managers, or neighbors.

## DATA COLLECTION PROCEDURES

The 1990 census was conducted primarily through self-enumeration. The questionnaire packet included general information about the 1990 census and an

instruction guide explaining how to complete the questionnaire. Spanish-language questionnaires and instruction guides were available on request. Instruction guides also were available in 32 other languages.

## Enumeration of Housing Units

Each housing unit in the country received one of two versions of the census questionnaire:

1. A short-form questionnaire that contained a limited number of basic population and housing questions; these questions were asked of all persons and housing units and are often referred to as 100-percent questions.
2. A long-form questionnaire that contained the 100-percent items and a number of additional questions; a sampling procedure was used to determine those housing units that were to receive the long-form questionnaire.

Three sampling rates were employed. For slightly more than one-half of the country, one in every six housing units (about 17 percent) received the long-form or sample questionnaire. In functioning local governmental units (counties and incorporated places, and in some parts of the country, towns and townships) estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire in order to enhance the reliability of the sample data for these small areas. For census tracts and block numbering areas having more than 2,000 housing units in the Census Bureau's address files, one in every eight housing units (about 13 percent) received a sample questionnaire, providing reliable statistics for these areas while permitting the Census Bureau to stay within a limit of 17.7 million sample questionnaires, or a one-in-six sample, nationwide.

The mail-out/mail-back procedure was used mainly in cities, suburban areas, towns, and rural areas where mailing addresses consisted of a house number and street name. In these areas, the Census Bureau developed mailing lists that included about 88.4 million addresses. The questionnaires were delivered through the mail and respondents were to return them by mail. Census questionnaires were delivered 1 week before Census Day (April 1, 1990)

The update/leave/mail-back method was used mainly in densely populated rural areas where it was difficult to develop mailing lists because mailing addresses did *not* use house number and street name. The Census Bureau compiled lists of housing units in advance of the census. Enumerators delivered the questionnaires, asked respondents to return them by mail, and added housing units not on the mailing lists. This method was used mainly in the South and Midwest, and also included some high-rise, low-income urban areas. A variation of this method

was used in urban areas having large numbers of boarded-up buildings. About 11 million housing units were enumerated using this method.

The list/ enumerate method (formerly called conventional or door-to-door enumeration) was used mainly in very remote and sparsely-settled areas. The United States Postal Service delivered unaddressed short-form questionnaires before Census Day. Starting a week before Census Day, enumerators canvassed these areas, checked that all housing units received a questionnaire, created a list of all housing units, completed long-form questionnaires, and picked up the completed short-form questionnaires. This method was used mainly in the West and Northeast to enumerate an estimated 6.5 million housing units.

## Followup

**Nonresponse Followup**—In areas where respondents were to mail back their questionnaires, an enumerator visited each address from which a questionnaire was not received.

**Coverage and Edit-Failure Followup**—In the mail-back areas, some households returned a questionnaire that did not meet specific quality standards because of incomplete or inconsistent information, or the respondent had indicated difficulty in deciding who was to be listed on the questionnaire. These households were contacted by telephone or by personal visit to obtain the missing information or to clarify who was to be enumerated in the household. In areas where an enumerator picked up the questionnaires, the enumerator checked the respondent-filled questionnaire for completeness and consistency.

## Special Enumeration Procedures

Special procedures and questionnaires were used for the enumeration of persons in group quarters, such as college dormitories, nursing homes, prisons, military barracks, and ships. The questionnaires (Individual Census Reports, Military Census Reports, and Shipboard Census Reports) included the 100-percent population questions but did not include any housing questions. In all group quarters, all persons were asked the basic population questions; in most group quarters, additional questions were asked of a sample (one-in-six) of persons.

## Shelter and Street Night (S-Night)

The Census Bureau collected data for various components of the homeless population at different stages in the 1990 census. "Shelter and Street Night" (S-Night) was a special census operation to count the population in four types of locations where homeless people are

found. On the evening of March 20, 1990, and during the early morning hours of March 21, 1990, enumerators counted persons in pre-identified locations:

1. Emergency shelters for the homeless population (public and private; permanent and temporary).
2. Shelters with temporary lodging for runaway youths.
3. Shelters for abused women and their children.
4. Open locations in streets or other places not intended for habitation.

Emergency shelters include all hotels and motels costing \$12 or less (excluding taxes) per night regardless of whether persons living there considered themselves to be homeless, hotels and motels (regardless of cost) used entirely to shelter homeless persons, and pre-identified rooms in hotels and motels used for homeless persons and families. Enumeration in shelters usually occurred from 6 p.m. to midnight; street enumeration, from 2 a.m. to 4 a.m.; abandoned and boarded-up buildings from 4 a.m. to 8 a.m.; and shelters for abused women, from 6 p.m. on March 20 to noon on March 21.

Other components, which some consider as part of the homeless population, were enumerated as part of regular census operations. These include persons doubled up with other families, as well as persons with no other usual home living in transient sites, such as commercial campgrounds, maternity homes for unwed mothers, and drug/alcohol abuse detoxification centers. In institutions, such as local jails and mental hospitals, the Census Bureau does not know who has a usual home elsewhere; therefore, even though some are literally homeless, these persons cannot be identified separately as a component of the homeless population.

There is no generally agreed-upon definition of "the homeless," and there are limitations in the census count that prevent obtaining a total count of the homeless population under any definition. As such, the Census Bureau does not have a definition and will not provide a total count of "the homeless." Rather, the Census Bureau will provide counts and characteristics of persons found at the time of the census in *selected* types of living arrangements. These selected components can be used as building blocks to construct a count of homeless persons appropriate to particular purposes as long as the data limitations are taken into account.

In preparation for "Shelter-and-Street-Night" enumeration, the regional census centers (RCC's) mailed a certified letter (Form D-33 (L)) to the highest elected official of each active functioning government of the United States (more than 39,000) requesting them to identify:

1. All shelters with sleeping facilities (permanent and temporary, such as church basements, armories, public buildings, and so forth, that could be open on March 20).

2. Hotels and motels used to house homeless persons and families.
3. A list of outdoor locations where homeless persons tend to be at night.
4. Places such as bus or train stations, subway stations, airports, hospital emergency rooms, and so forth, where homeless persons seek shelter at night.
5. The specific addresses of abandoned or boarded-up buildings where homeless persons were thought to stay at night.

The letter from the RCC's to the governmental units emphasized the importance of listing night-time congregating sites. The list of shelters was expanded using information from administrative records and informed local sources. The street sites were limited to the list provided by the jurisdictions. All governmental units were eligible for "Shelter and Street Night." For cities with 50,000 or more persons, the Census Bureau took additional steps to update the list of shelter and street locations if the local jurisdiction did not respond to the certified letter. Smaller cities and rural areas participated if the local jurisdiction provided the Census Bureau a list of shelters or open public places to visit or if shelters were identified through our inventory development, local knowledge update, or during the Special Place Prelist operation.

The Census Bureau encouraged persons familiar with homeless persons and the homeless themselves to apply as enumerators. This recruiting effort was particularly successful in larger cities.

For shelters, both long- and short-form Individual Census Reports (ICR's) were distributed. For street enumeration, only short-form ICR's were used. Persons in shelters and at street locations were asked the basic population questions. Additional questions about social and economic characteristics were asked of a sample of persons in shelters only.

Enumerators were instructed *not* to ask who was homeless; rather, they were told to count all persons (including children) staying overnight at the shelters, and everyone they saw on the street except the police, other persons in uniform, and persons engaged in employment or obvious money-making activities other than begging and panhandling.

At both shelter and street sites, persons found sleeping were not awakened to answer questions. Rather, the enumerator answered the sex and race questions by observation and estimated the person's age to the best of his or her ability. In shelters, administrative records and information from the shelter operator were used, when available, for persons who were already asleep.

Less than 1 percent of shelters refused to participate in the census count at first. By the end of the census period, most of those eventually cooperated and the

number of refusals had been reduced to a few. For the final refusals, head counts and population characteristics were obtained by enumerators standing outside such shelters and counting people as they left in the morning.

The "street" count was restricted to persons who were visible when the enumerator came to the open, public locations that had been identified by local jurisdictions. Homeless persons who were well hidden, moving about, or in locations other than those identified by the local governments were likely missed. The number missed will never be known and there is no basis to make an estimate of the number missed from census data. The count of persons in open, public places was affected by many factors, including the extra efforts made to encourage people to go to shelters for "Shelter and Street Night," the weather (which was unusually cold in many parts of the country), the presence of the media, and distrust of the census. Expectations of the number of homeless persons on the street cannot be based on the number seen during the day because the night-time situation is normally very different as more homeless persons are in shelters or very well hidden.

For both "Shelter-and-Street-Night" locations, the Census Bureau assumed that the usual home of those enumerated was in the block where they were found (shelter or street).

The "Shelter-and-Street-Night" operation replaced and expanded the 1980 Mission Night (M-Night) and Casual Count operations. These two operations were aimed at counting the population who reported having no usual residence. M-Night was conducted a week after Census Day, in April 1980. Enumerators visited hotels, motels, and similar places costing \$4 or less each night; missions, flophouses, local jails and similar places at which the average length of stay was 30 days or less; and nonshelter locations, such as bus depots, train stations, and all night movie theaters. Questions were asked of everyone, regardless of age. Enumerators conducted M-Night up to midnight on April 8, 1980, and returned the next morning to collect any forms completed after midnight.

The Casual Count operation was conducted in May 1980 at additional nonshelter locations, such as street corners, pool halls, welfare and employment offices. This operation lasted for approximately 2 weeks. Casual Count was conducted during the day only in selected large central cities. Only persons who appeared to be at least 15 years of age were asked if they had been previously enumerated. Casual Count was actually a coverage-improvement operation. It was not specifically an operation to count homeless persons living in the streets. Persons were excluded if they said they had a usual home outside the city because it was not cost effective to check through individual questionnaires in another city to try to find the person.

## **PROCESSING PROCEDURES**

Respondents returned many census questionnaires by mail to 1 of over 344 census district offices or to one of six processing offices. In these offices, the questionnaires were "checked in" and edited for completeness and consistency of the responses. After this initial processing had been performed, all questionnaires were sent to the processing offices.

In the processing offices, the household questionnaires were microfilmed and processed by the Film Optical Sensing Device for Input to Computers (FOSDIC). For most items on the questionnaire, the information supplied by the respondent was indicated by filling circles in predesignated positions. FOSDIC electronically "read" these filled circles from the microfilm copy of the questionnaire and transferred the information to computer tape. The computer tape did not include individual names, addresses, or handwritten responses.

The data processing was performed in several stages. All questionnaires were microfilmed, "read" by FOSDIC,

and transferred to computer disk. Selected written entries in the race question on both the short and long forms were keyed from the microfilm and coded using the data base developed from the 1980 census and subsequent content and operational tests. Keying of other written entries on the long forms occurred in the seven processing offices.

The information (for example, income dollar amounts or homeowner shelter costs) on these keyed files was merged with the FOSDIC data or processed further through one of three automated coding programs. The codes for industry, occupation, place-of-birth, migration, place-of-work, ancestry, language, relationship, race, and Hispanic origin were merged with the FOSDIC data for editing, weighting, and tabulating operations at Census Bureau headquarters. All responses to the questions on Individual Census Reports (ICR's), Military Census Reports (MCR's), and Shipboard Census Reports (SCR's) were keyed, not processed by microfilm or FOSDIC.

# APPENDIX E.

## Facsimiles of Respondent Instructions and Questionnaire Pages

### Your Guide for the

# 1990 U.S. Census Form

This guide gives helpful information on filling out your census form. If you need more help, call the local U.S. census office. **The telephone number is on the cover of the questionnaire.** After you have filled out your form, please return it in the **envelope** we have provided.

On the inside	Page
<b>How</b> to fill out your census form	<b>2</b>
<b>Example</b>	<b>2</b>
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CENSUS '90



U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

D4

## How to Fill Out Your Census Form

Please use a black lead pencil only. Black lead pencil is better to use than ballpoint or other pens. Most questions ask you to fill in the circle, or to print the information. See Example below.

Make sure you print answers for everyone in this household. If someone in the household, such as a roomer or boarder, does not want to give you all the information for the form, print at least the person's name and answer questions 2 and 3. A census taker will call to get the other information directly from the person.

There may be a question you cannot answer exactly. For example, you might not know the age of an elderly person or the price for which your house would sell. Ask someone else in your household; if no one knows, give your best estimate.

Instructions for individual questions begin on page 3 of this guide. They will help you to understand the questions and answer them correctly.

If you have a question about filling out the census form or need assistance, call the local U.S. census office. The telephone number is given on the cover of the questionnaire.

If you do not mail back your census form, a census taker will be sent out to assist you. But it saves time and your taxpayer dollars if you fill out the form yourself and mail it back.

### Example

a. Age	b. Year of birth	a. Age	b. Year of birth
<input checked="" type="radio"/> 41	1949	<input checked="" type="radio"/> 09	1981
<input type="radio"/> 00	<input type="radio"/> 80	<input type="radio"/> 00	<input type="radio"/> 80
<input type="radio"/> 10	<input type="radio"/> 90	<input type="radio"/> 10	<input type="radio"/> 90
<input type="radio"/> 20	<input type="radio"/> 00	<input type="radio"/> 20	<input type="radio"/> 00
<input type="radio"/> 30	<input type="radio"/> 10	<input type="radio"/> 30	<input type="radio"/> 10
<input checked="" type="radio"/> 40	<input type="radio"/> 20	<input type="radio"/> 40	<input type="radio"/> 20
<input type="radio"/> 50	<input type="radio"/> 30	<input type="radio"/> 50	<input type="radio"/> 30
<input type="radio"/> 60	<input type="radio"/> 40	<input type="radio"/> 60	<input type="radio"/> 40
<input type="radio"/> 70	<input type="radio"/> 50	<input type="radio"/> 70	<input type="radio"/> 50
<input type="radio"/> 80	<input type="radio"/> 60	<input type="radio"/> 80	<input type="radio"/> 60
<input type="radio"/> 90	<input type="radio"/> 70	<input type="radio"/> 90	<input type="radio"/> 70
	<input type="radio"/> 80		<input type="radio"/> 80
	<input type="radio"/> 90		<input type="radio"/> 90

## Your Answers Are Confidential

The law authorizing the census (Title 13, U.S. Code) also provides that your answers are confidential. No one except census workers may see your completed form and they can be fined and/or imprisoned for any disclosure of your answers. Only after 72 years can your individual census form become available to other government agencies (whether federal, state, county, or local). Until then, no other person or business can see your individual report.

The same law that protects the confidentiality of your answers requires that you provide the information asked in this census to the best of your knowledge.

Information collected from the decennial census is used for a variety of statistical purposes. Census information is used to find out where funding is most needed for schools, health centers, highways, and other services. Census results are used by members of public and private groups—including community organizations—and by businesses and industries, as well as by agencies at all levels of government.

## Instructions for Questions 1a through 7

- 1a. List everyone who lives at this address in question 1a. If you are not sure if you should list a person, see the rules on page 1 of the census form. If you are still not sure, answer as best you can and fill in "Yes" for question H1a or H1b, as appropriate.

If there are more than seven people in your household, please list all the persons in question 1a, complete the form for seven people, and mail it back in the enclosed envelope. A census taker will call to obtain the information for the additional persons.

- b. If everyone listed in question 1a usually lives at another address(es), print the address(es) in 1b.

2. Fill one circle to show how each person is related to the person in column 1.

If Other relative of the person in column 1, print the exact relationship such as son-in-law, daughter-in-law, grandparent, nephew, niece, mother-in-law, father-in-law, cousin, and so on.

If the Stepson/stepdaughter of the person in column 1 also has been legally adopted by the person in column 1, mark Stepson/stepdaughter but do not mark Natural-born or adopted son/daughter. In other words, Stepson/stepdaughter takes precedence over Adopted son/daughter.

4. Fill ONE circle for the race each person considers himself/herself to be.

If you fill the Indian (Amer.) circle, print the name of the tribe or tribes in which the person is enrolled. If the person is not enrolled in a tribe, print the name of the principal tribe(s).

If you fill the Other API circle (under Asian or Pacific Islander (API)), only print the name of the group to which the person belongs. For example, the Other API category includes persons who identify as Burmese, Fijian, Hmong, Indonesian, Laotian, Bangladeshi, Pakistani, Tongan, Thai, Cambodian, Sri Lankan, and so on.

If you fill the Other race circle, be sure to print the name of the race.

If the person considers himself/herself to be White, Black or Negro, Eskimo or Aleut, fill one circle only. Please do not print the race in the boxes.

The Black or Negro category also includes persons who identify as African-American, Afro-American, Haitian, Jamaican, West Indian, Nigerian, and so on.

All persons, regardless of citizenship status, should answer this question.

5. Print age at last birthday in the space provided (print "00" for babies less than 1 year old). Fill in the matching circle below each box. Also, print year of birth in the space provided. Then fill in the matching circle below each box. For an illustration of how to complete question 5, see the Example on page 2 of this guide.

6. If the person's only marriage was annulled, mark Never married.

7. A person is of Spanish/Hispanic origin if the person's origin (ancestry) is Mexican, Mexican-Am., Chicano, Puerto Rican, Cuban, Argentinean, Colombian, Costa Rican, Dominican, Ecuadorean, Guatemalan, Honduran, Nicaraguan, Peruvian, Salvadoran, from other Spanish-speaking countries of the Caribbean or Central or South America, or from Spain.

If you fill the Yes, other Spanish/Hispanic circle, print one group.

A person who is not of Spanish/Hispanic origin should answer this question by filling the No (not Spanish/Hispanic) circle. Note that the term "Mexican-Am." refers only to persons of Mexican origin or ancestry.

All persons, regardless of citizenship status, should answer this question.

## Instructions for Question H1a through H1b

- H1a. Refer to the list of persons you entered in question 1a on page 1. If you left anyone out of your list because you were not sure if the person(s) should be listed, answer question H1a as Yes. Then enter the name(s) and reason(s) why you did not list the person(s) on the lines provided. Otherwise, answer question H1a as No.

- b. If you included anyone on your list even though you were not sure that you should list the person(s), answer question H1b as Yes. Then enter the name(s) and reason(s) why you listed the person(s) on the lines provided. Otherwise, answer question H1b as No.

## Instructions for Questions H2 through H7b

### H2. Fill only one circle.

Count all occupied and vacant apartments in the house or building. Do not count stores or office space.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall that goes from ground to roof. An example of a one-family house attached to one or more houses is a house in a row of houses attached to one another.

A mobile home or trailer that has had one or more rooms added or built onto it should be counted as a one-family detached house; a porch or shed is not considered a room.

### H3. Count only whole rooms in your house, apartment, or mobile home used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, foyers, halls, half-rooms, porches, balconies, unfinished attics, unfinished basements, or other unfinished space used for storage.

### H4. Housing is owned if the owner or co-owner lives in it. Mark **Owned by you or someone in this household with a mortgage or loan** if the house, apartment, or mobile home is mortgaged or there is a contract to purchase. Mark **Owned by you or someone in this household free and clear (without a mortgage)** if there is no mortgage or other debt. If the house, apartment, or mobile home is owned but the land is rented, mark this question to show the status of the house, apartment, or mobile home.

Mark **Rented for cash rent** if any money rent is paid, even if the rent is paid by persons who are not members of your household, or by a federal, state, or local government agency.

Mark **Occupied without payment of cash rent** if the unit is not owned or being bought by the occupants and if money rent is not paid or contracted. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. A house or apartment may be provided as part of wages or salary. Examples are: caretaker's or janitor's house or apartment; parsonages; tenant farmer or sharecropper houses for which the occupants do not pay cash rent; or military housing.

### H5a. Answer H5a and H5b if you live in a one-family house or a mobile home; include only land that you own or rent.

### b. A business is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

### H6. If this is a house, include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land. If this is a condominium unit, estimate the value for your house or apartment including your share of the common elements. If this is a mobile home, include the value of the mobile home and the value of the land. If you rent the land, estimate the value of the rented land and add it to the value of the mobile home.

### H7a. Report the rent agreed to or contracted for, even if the rent for your house, apartment, or mobile home is unpaid or paid by someone else.

If rent is paid:	Multiply rent by:	If rent is paid:	Divide rent by:
By the day	..... 30	4 times a year	..... 3
By the week	..... 4	2 times a year	..... 6
Every other week	.... 2	Once a year	.....12

### b. Answer **Yes** if meals are included in the monthly rent payment, or you must contract for meals or a meal plan in order to live in this building.

## Instructions for Questions H8 through H19b

### H8. The person listed in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house, apartment, or mobile home is owned, being bought, or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house, apartment, or mobile home.

### H9. Include all rooms intended to be used as bedrooms in this house, apartment, or mobile home, even if they are currently being used for other purposes.

### H10. Mark **Yes**, have all three facilities if you have all the facilities mentioned; all facilities must be in your house, apartment, or mobile home, but not necessarily in the same room. Consider that you have hot water even if you have it only part of the time. Mark **No** if any of the three facilities is not present.

### H11. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cookstove.

### H12. Answer **Yes** only if the telephone is located in your house, apartment, or mobile home.

### H13. Count company cars (including police cars and taxicabs) and company trucks of one-ton capacity or less that are regularly kept at home and used by household members for nonbusiness purposes. Do not count cars or trucks permanently out of working order.

### H14. Fill the circle for the fuel used most to heat your house, apartment, or mobile home. In buildings containing more than one apartment you may obtain this information from the owner, manager, or janitor.

Solar energy is provided by a system that collects, stores, and distributes heat from the sun. Other fuel includes any fuel not separately listed; for example, purchased steam, fuel briquettes, waste material, etc.

### H15. If a well provides water for five or more houses, apartments, or mobile homes, mark **A public system**. If a well provides water for four or fewer houses, apartments, or mobile homes, fill one of the circles for **Individual well**.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. Dug wells are generally hand dug and are larger than 1½ feet wide.

### H16. A public sewer may be operated by a government body or private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

### H17. Fill the circle corresponding to the period in which the original construction was completed, not the time of any later remodeling, additions, or conversions. In buildings containing more than one apartment, the owner, manager, or janitor may be of help in determining when the building was built.

If you live in a houseboat or a trailer or mobile home, fill the circle corresponding to the model year in which it was manufactured.

If you do not know the period when the building was first constructed, fill the circle for **Don't know**.

### H18. A condominium is a type of ownership in which the apartments, houses, or mobile homes in a building or development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. Cooperative occupants should mark **No**.

### H19a. Answer H19a and H19b if you live in a one-family house or mobile home.

### b. This property is the acreage on which the house is located; it includes adjoining land you rent for your use. Report sales made in 1989 from this property by you or previous occupants.

## Instructions for Questions H20 through H26

**H20.** If your house or apartment is rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H7a.

If you live in a condominium, enter the costs for utilities and fuels only if you pay for them in addition to your condominium fee.

If your fuel and utility costs are already included in your rent or condominium fee, fill the included in rent or in condominium fee circle. Do not enter any dollar amounts.

The amounts to be reported should be the total amount for the past 12 months. Estimate as closely as possible when exact costs are not known. If you have lived in this house or apartment less than 1 year, estimate the yearly cost.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own house or apartment. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket [ ] the two utilities.

**H21.** Report taxes for all taxing jurisdictions (city or town, county, state, school district, etc.) even if they are included in your mortgage payment, not yet paid or paid by someone else, or are delinquent. Do not include taxes past due from previous years.

**H22.** When premiums are paid on other than a yearly basis, convert to a yearly basis. Enter the yearly amount even if no payment was made during the past 12 months.

**H23a.** The word *mortgage* is used as a general term to indicate all types of loans that are secured by real estate.

**b.** Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see the instructions for H7a to change it to a monthly amount.

Include payments on first mortgages and contracts to purchase only. Payments for second or junior mortgages and home equity loans should be reported in H24b.

**H24a.** A second or junior mortgage or home equity loan is secured by real estate.

**b.** Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H7a and change it to a monthly amount. Include payments on all second or junior mortgages or home equity loans.

**H25.** A *condominium fee* is normally assessed by the condominium owners' association for the purpose of improving and maintaining the common areas. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see the instructions for H7a on how to change it to a monthly amount.

**H26.** Report amount even if your bills are unpaid or paid by someone else. Include payments for personal property taxes, land or site rent, registration fees and license fees. Do not include real estate taxes already reported in H21. The amount to be reported should be the total amount for an entire 12-month billing period even if made in two or more installments. Estimate as closely as possible when exact costs are not known.

## Instructions for Question 8

**8.** For persons born in the United States:

Print the name of the State in which this person was born. If the person was born in Washington, D.C., print District of Columbia. If the person was born in a U.S. territory or commonwealth, print Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas.

For persons born outside the United States:

Print the name of the foreign country or area where the person was born. Use current boundaries, not boundaries at the time of the person's birth. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland, or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies).

## Instructions for Questions 9 through 13

**9.** A person should fill the **Yes, U.S. citizen by naturalization** circle only if he/she has completed the naturalization process and is now a United States citizen. If the person was born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas, he/she should fill the **Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas** circle. If the person was born outside the United States (or at sea) and has at least one American parent, he/she should fill the **Yes, born abroad of American parent or parents** circle.

**10.** If the person has entered the United States (that is, the 50 states and the District of Columbia) more than once, fill the circle for the latest year he/she came to stay.

**11.** Do not include enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college.

A *public school* is any school or college that is controlled and supported primarily by a local, county, State, or Federal Government. Schools are private if supported and controlled primarily by religious organizations or other private groups.

**12.** Mark the category for the highest grade or level of schooling the person has successfully completed or the highest degree the person received. If the person is enrolled in school, mark the category containing the highest grade completed (the grade previous to the grade in which enrolled). Schooling completed in foreign or ungraded schools should be reported as the equivalent level of schooling in the regular American school system.

Persons who completed high school by passing an equivalency test, such as the General Educational Development (GED) examination, and did not attend college, should fill the circle for high school graduate.

Do not include vocational certificates or diplomas from vocational, trade, or business schools or colleges unless they were college level associate degrees or higher.

Some examples of *professional school degrees* include medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology. Do not include barber school, cosmetology, or other training for a specific trade.

Do not include honorary degrees awarded by colleges and universities to individuals for their accomplishments. Include only "earned" degrees.

**13.** Print the ancestry group. Ancestry refers to the person's ethnic origin or descent, "roots," or heritage. Ancestry also may refer to the country of birth of the person or the person's parents or ancestors before their arrival in the United States. All persons, regardless of citizenship status, should answer this question.

Persons who have more than one origin and cannot identify with a single ancestry group may report two ancestry groups (for example, German-Irish).

Be specific. For example, print whether West Indian, Asian Indian, or American Indian. West Indian includes persons whose ancestors came from Jamaica, Trinidad, Haiti, etc. Distinguish Cape Verdean from Portuguese; French Canadian from Canadian; and Dominican Republic from Dominica Island.

A religious group should not be reported as a person's ancestry.

## Instructions for Questions 14a through 19

- 14a.** Mark **Yes** if this person lived in this same house or apartment on April 1, 1985, even if he/she moved away and came back since then. Mark **No** if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different lot or trailer site).
- b.** If this person lived in a different house or apartment on April 1, 1985, give the location of this person's usual home at that time.

### Part (1)

If the person lived in the United States on April 1, 1985, print the name of the State (or District of Columbia) where he or she lived. Continue with parts (2) through (4).

If the person lived in a U.S. territory or commonwealth, print the name of the territory or commonwealth, such as Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas. Then go to question 15a.

If the person lived outside the United States, print the name of the foreign country or area where he or she lived. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies). Then go to question 15a.

### Part (2)

If the person lived in Louisiana, print the parish name. If the person lived in Alaska, print the borough name. If the person lived in New York city and the county name is not known, print the borough name. If the person lived in an independent city (not in any county) or in Washington, D.C., leave blank and enter the city name in part (3).

### Part (3)

If the person lived in New England, print the name of the town rather than the village name, unless the name of the town is not known. If the person lived outside the limits or boundaries of any city or town, print the name of the post office or the nearest town and mark **No**, lived outside the city/town limits in part (4).

### Part (4)

Mark **Yes** if the location is now inside the city/town limits even if it was not inside the limits on April 1, 1985; that is, if the area was annexed by the city/town since that time.

- 15.** Mark **Yes** if the person sometimes or always speaks a language other than English at home.

Do not mark **Yes** for a language spoken only at school or if speaking is limited to a few expressions or slang.

Print the name of the language spoken at home. If this person speaks more than one non-English language and cannot determine which is spoken more often, report the first language the person learned to speak.

- 17a.** For a person with service in the National Guard or a military reserve unit, fill one of the two **Yes**, active duty circles if and only if the person has ever been called up for active duty other than training; otherwise, mark **Yes**, service in Reserves or National Guard only. For a person whose only service was as a civilian employee or volunteer for the Red Cross, USO, Public Health Service, or War or Defense Department, mark **No**. Count World War II Merchant Marine Seaman service as active duty; do not count other Merchant Marine service as active duty.
- 18.** Mark **Yes** to part (a) if a health condition substantially limits this person in his or her choice of occupation or if the condition limits the amount of work that can be accomplished in a given period of time. Mark **Yes** to part (b) if the health condition prevents this person from holding any significant employment.
- 19.** Consider a person to have difficulty with these activities if any of the following situations apply: (1) it takes extra time or extra effort for the person to perform one or more of the activities, (2) there are times when the person cannot perform one or more of the activities, or (3) the person is completely unable to perform one or more of the activities.

## Instructions for Questions 20 through 23b

- 20.** Count all children born alive, including any who have died (even shortly after birth) or who no longer live with you. Do not include miscarriages or stillborn children or any adopted, foster, or stepchildren.

### 21a. Count as work — Mark **Yes**:

- Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).
- Work in own business, professional practice, or farm.
- Any work in a family business or farm, paid or not.
- Any part-time work including babysitting, paper routes, etc.
- Active duty in Armed Forces.

### Do not count as work — Mark **No**:

- Housework or yard work at home.
- Unpaid volunteer work.
- School work.
- Work done as a resident of an institution.

- 22a.** Include the street type (for example, St., Road, Ave.) and the street direction (if a direction such as "North" is part of the address). For example, print 1239 N. Main St. or 1239 Main St., N.W. not just 1239 Main.

If the only known address is a post office box, give a description of the work location. For example, print the name of the building or shopping center where the person works, the nearest intersection, the nearest street where the workplace is located, etc. DO NOT GIVE A POST OFFICE BOX NUMBER.

If the person worked at a military installation or military base that has no street address, report the name of the military installation or base.

If the person worked at several locations, but reported to the same location each day to begin work, print the address of the location where he or she reported. If the person did not report to the same location each day to begin work, print the address of the location where he or she worked most last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), print the exact address of the location or branch where the person worked. If the exact address of a school is not known, print the name of the school.

If the person worked on a college or university campus and the exact address of the workplace is not known, print the name of the building where he or she worked.

- d.** If the person worked in New York city and the county is not known, print the name of the borough where the person worked.

If the person worked in Louisiana, print the name of the parish where the person worked.

If the person worked in Alaska, print the name of the borough where the person worked.

- e.** If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 22e and leave the other parts of question 22 blank.

- 23a.** If the person usually used more than one type of transportation to get to work (for example, rode the bus and transferred to the subway), fill the circle of the one method of transportation that he/she used for most of the distance during the trip.

- b.** If the person was driven to work by someone who then drove back home or to a nonwork destination, fill the circle for **Drove alone**.

DO NOT include persons who rode to school or some other nonwork destination in the count of persons who rode in the vehicle.

## Instructions for Questions 24a through 30

- 24a.** Give the time of day the person usually left home to go to work. DO NOT give the time that the person usually began his or her work.  
If the person usually left home to go to work sometime between 12:00 o'clock midnight and 12:00 o'clock noon, fill the a.m. circle.  
If the person usually left home to go to work sometime between 12:00 o'clock noon and 12:00 o'clock midnight, fill the p.m. circle.
- b.** Travel time is from door to door. Include time taken waiting for public transportation or picking up passengers in a carpool.
- 25.** If the person works only during certain seasons or on a day-by-day basis when work is available, mark No.
- 26a.** Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last 4 weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.
- b.** Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.  
Mark No, temporarily ill if the person expects to be able to work within 30 days.  
Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.
- 27.** Look at the instructions for question 21a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm, and (3) never served in the Armed Forces.
- 28a.** If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that had no company name, print the name of the individual worked for. If the person worked in his/her own business, print "self-employed."
- b.** Print two or more words to tell what the business, industry, or individual employer named in 28a did. If there is more than one activity, describe only the major activity at the place where the person worked. Enter what is made, what is sold, or what service is given.  
Some examples of what to enter:
- |  |                   |
|--|-------------------|
| Enter a description like the following - | Do not enter -    |
| Metal furniture manufacturing            | Furniture company |
| Retail grocery store                     | Grocery store     |
| Petroleum refining                       | Oil company       |
| Cattle ranch                             | Ranch             |
- 29.** Print two or more words to describe the kind of work the person did. If the person was a trainee, apprentice, or helper, include that in the description.  
Some examples of what to enter:
- |  |                |
|--|----------------|
| Enter a description like the following - | Do not enter - |
| Production clerk                         | Clerk          |
| Carpenter's helper                       | Helper         |
| Auto engine mechanic                     | Mechanic       |
| Registered nurse                         | Nurse          |
- 30.** Mark Employee of a PRIVATE NOT-FOR-PROFIT . . . organization if the person worked for a cooperative, credit union, mutual insurance company, or similar organization.  
Employees of foreign governments, the United Nations, and other international organizations should mark PRIVATE NOT-FOR-PROFIT . . . organization.  
For persons who worked at a public school, college or university, mark the appropriate government category; for example, mark State GOVERNMENT employee for a state university, or mark Local GOVERNMENT employee for a county-run community college or a city-run public school.

## Instructions for Questions 31a through 32h

- 31a.** Look at the instructions for question 21a to see what to count as work.
- b.** Count every week in which the person did any work at all, even for an hour.
- 32.** Fill the Yes or No circle for each part and enter the amount received during 1989.  
If income from any source was received jointly by household members, report, if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and fill the No circle for the other person.
- a.** Include wages and salaries from all jobs before deductions. Be sure to include any tips, commissions, or bonuses. Owners of incorporated businesses should enter their salary here. Military personnel should include base pay plus cash housing and/or subsistence allowance, flight pay, uniform allotments, reenlistment bonuses, etc.
- b.** Include NONFARM profit (or loss) from self-employment in sole proprietorships and partnerships. Exclude profit (or loss) of incorporated businesses you own.
- c.** Include FARM profit (or loss) from self-employment in sole proprietorships and partnerships. Exclude profit (or loss) of incorporated farm businesses you own. Also exclude amounts from land rented for cash but include amounts from land rented for shares.
- d.** Include interest received or credited to checking and savings accounts, money market funds, certificates of deposit (CDs), IRAs, KEOGHs, and government bonds.  
Include dividends received, credited, or reinvested from ownership of stocks or mutual funds.  
Include profit (or loss) from royalties and the rental of land, buildings or real estate, or from roomers or boarders. Income received by self-employed persons whose primary source of income is from renting property or from royalties should be included in questions 32b or 32c above. Include regular payments from an estate or trust fund.
- e.** Include Social Security (and/or Railroad Retirement) payments to retired persons, to dependents of deceased insured workers, and to disabled workers before Medicare deductions.
- f.** Include Supplemental Security Income received by aged, blind, or disabled persons, Aid to Families with Dependent Children, or income from other government programs such as general or emergency assistance. Do not include assistance received from private charities. Exclude assistance to pay for heating (cooling) costs.
- g.** Include retirement, disability, or survivor benefits received from companies and unions; Federal, State, and local governments, and the U.S. military. Include regular income from annuities and IRA or KEOGH retirement plans.
- h.** Include Veterans' (VA) disability compensation and educational assistance payments (VEAP), unemployment compensation, child support or alimony, and all other regular payments such as Armed Forces transfer payments; assistance from private charities; regular contributions from persons not living in the household, etc.  
Do not include the following as income in any item:
- Refunds or rebates of any kind
  - Withdrawals from savings of any kind
  - Capital gains or losses from the sale of homes, shares of stock, etc.
  - Inheritances or insurance settlements
  - Any type of loan
  - Pay in-kind such as food, free rent, etc.

## **What the Census Is About — Some Questions and Answers**

### **Why are we taking a census?**

The most important reason for taking a decennial census is to determine how many representatives each state will have in Congress.

### **What does the Census Bureau do with the information you provide?**

The individual information collected in the census is grouped together into statistical totals. Information such as the number of persons in a given area, their ages, educational background, the characteristics of their housing, etc., enable government, business, and industry to plan more effectively.

### **How long have we been taking the census?**

The first census was taken in 1790 in accordance with the requirement in the first article of the constitution. A census has been taken every 10 years since. The 1990 Decennial Census marks the 200th anniversary of the census.

### **How are you being counted?**

Census forms are delivered to all households a few days before census day. Households are requested to fill out the form and mail it back to the census office.

## **Why the Census Asks Certain Questions**

**Here are a few reasons for asking some of the questions.**

*It is as important to get information about people and their houses as it is to count them.*

### **Name?**

Names help make sure that everyone in a household is counted, but that no one is counted twice.

### **Value or rent?**

Government and planning agencies use answers to these questions in combination with other information to develop housing programs to meet the needs of people at different economic levels.

### **Complete plumbing?**

This question gives information on the quality of housing. The data are used with other statistics to show how the "level of living" compares in various areas and how it has changed over time.

### **Place of birth?**

This question provides information used to study long-term trends as to where people move and to study migration patterns and differences in growth patterns.

### **Job?**

Answers to the questions about the jobs people hold provide information on the extent and types of employment in different areas of the country. From this information, training programs can be developed and the need for new industries can be determined.

### **Income?**

Income, more than anything else, determines how families or persons live. Income information makes it possible to compare the economic levels of different areas.

CENSUS '90

# OFFICIAL 1990 U.S. CENSUS FORM



Thank you for taking time to complete and return this census questionnaire. It's important to you, your community, and the Nation.

**The law requires answers but guarantees privacy.**

By law (Title 13, U.S. Code), you're required to answer the census questions to the best of your knowledge. However, the same law guarantees that your census form remains confidential. For 72 years—or until the year 2062—only Census Bureau employees can see your form. No one else—no other government body, no police department, no court system or welfare agency—is permitted to see this confidential information under any circumstances.

**How to get started—and get help.**

Start by listing on the next page the names of all the people who live in your home. Please answer all questions with a black lead pencil. You'll find detailed instructions for answering the census in the enclosed guide. If you need additional help, call the toll-free telephone number to the left, near your address.

**Please answer and return your form promptly.**

Complete your form and return it by April 1, 1990 in the postage-paid envelope provided. Avoid the inconvenience of having a census taker visit your home.

Again, thank you for answering the 1990 Census.  
**Remember: Return the completed form by April 1, 1990.**

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**Para personas de habla hispana —**  
(For Spanish-speaking persons)

Si usted desea un cuestionario del censo en español, llame sin cargo alguno al siguiente número: **1-800-CUENTAN**  
(o sea 1-800-283-6826)

U.S. Department of Commerce  
BUREAU OF THE CENSUS  
FORM D-2

OMB No. 0607-0628  
Approval Expires 07/31/91

The 1990 census must count every person at his or her "usual residence." This means the place where the person lives and sleeps most of the time.

**1a. List on the numbered lines below the name of each person living here on Sunday, April 1, including all persons staying here who have no other home. If EVERYONE at this address is staying here temporarily and usually lives somewhere else, follow the instructions given in question 1b below.**

**Include**

- Everyone who usually lives here such as family members, housemates and roommates, foster children, roomers, boarders, and live-in employees
- Persons who are temporarily away on a business trip, on vacation, or in a general hospital
- College students who stay here while attending college
- Persons in the Armed Forces who live here
- Newborn babies still in the hospital
- Children in boarding schools below the college level
- Persons who stay here most of the week while working even if they have a home somewhere else
- Persons with no other home who are staying here on April 1

**Do NOT include**

- Persons who usually live somewhere else
- Persons who are away in an institution such as a prison, mental hospital, or a nursing home
- College students who live somewhere else while attending college
- Persons in the Armed Forces who live somewhere else
- Persons who stay somewhere else most of the week while working

Print last name, first name, and middle initial for each person. Begin on line 1 with the household member (or one of the household members) in whose name this house or apartment is owned, being bought, or rented. If there is no such person, start on line 1 with any adult household member.

LAST	FIRST	INITIAL	LAST	FIRST	INITIAL
<u>1</u>			<u>7</u>		
<u>2</u>			<u>8</u>		
<u>3</u>			<u>9</u>		
<u>4</u>			<u>10</u>		
<u>5</u>			<u>11</u>		
<u>6</u>			<u>12</u>		

**1b. If EVERYONE is staying here only temporarily and usually lives somewhere else, list the name of each person on the numbered lines above, fill this circle  and print their usual address below. DO NOT PRINT THE ADDRESS LISTED ON THE FRONT COVER.**

House number \_\_\_\_\_ Street or road/Rural route and box number \_\_\_\_\_ Apartment number \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

County or foreign country \_\_\_\_\_ Names of nearest intersecting streets or roads \_\_\_\_\_

**NOW PLEASE OPEN THE FLAP TO PAGE 2 AND ANSWER ALL QUESTIONS FOR THE FIRST 7 PEOPLE LISTED. USE A BLACK LEAD PENCIL ONLY.**

Please fill one column → for each person listed in Question 1a on page 1.	PERSON 1		PERSON 2																																																																																																																																																																																																																																																	
	Last name	First name Middle initial	Last name	First name Middle initial																																																																																																																																																																																																																																																
<p><b>2. How is this person related to PERSON 1?</b></p> <p>Fill ONE circle for each person.</p> <p>If Other relative of person in column 1, fill circle and print exact relationship, such as mother-in-law, grandparent, son-in-law, niece, cousin, and so on.</p>	<p>START in this column with the household member (or one of the members) in whose name the home is owned, being bought, or rented.</p> <p>If there is no such person, start in this column with any adult household member.</p>		<p>If a RELATIVE of Person 1:</p> <p><input type="radio"/> Husband/wife      <input type="radio"/> Brother/sister</p> <p><input type="radio"/> Natural-born or adopted son/daughter      <input type="radio"/> Father/mother</p> <p><input type="radio"/> Stepson/stepdaughter      <input type="radio"/> Grandchild</p> <p><input type="radio"/> Other relative →</p> <hr/> <p>If NOT RELATED to Person 1:</p> <p><input type="radio"/> Roomer, boarder, or foster child      <input type="radio"/> Unmarried partner</p> <p><input type="radio"/> Housemate, roommate      <input checked="" type="radio"/> Other nonrelative</p>																																																																																																																																																																																																																																																	
<p><b>3. Sex</b></p> <p>Fill ONE circle for each person.</p>	<p><input type="radio"/> Male      <input type="radio"/> Female</p>		<p><input type="radio"/> Male      <input type="radio"/> Female</p>																																																																																																																																																																																																																																																	
<p><b>4. Race</b></p> <p>Fill ONE circle for the race that the person considers himself/herself to be.</p> <p>If Indian (Amer.), print the name of the enrolled or principal tribe. →</p> <p>If Other Asian or Pacific Islander (API), print one group, for example: Hmong, Fijian, Laotian, Thai, Tongan, Pakistani, Cambodian, and so on. →</p> <p>If Other race, print race. →</p>	<p><input type="radio"/> White</p> <p><input type="radio"/> Black or Negro</p> <p><input type="radio"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) →</p> <p><input type="radio"/> Eskimo</p> <p><input type="radio"/> Aleut</p> <p><u>Asian or Pacific Islander (API)</u></p> <p><input type="radio"/> Chinese      <input type="radio"/> Japanese</p> <p><input checked="" type="radio"/> Filipino      <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Hawaiian      <input type="radio"/> Samoan</p> <p><input type="radio"/> Korean      <input type="radio"/> Guamanian</p> <p><input type="radio"/> Vietnamese      <input type="radio"/> Other API →</p> <p><input type="radio"/> Other race (Print race) →</p>		<p><input type="radio"/> White</p> <p><input type="radio"/> Black or Negro</p> <p><input type="radio"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) →</p> <p><input type="radio"/> Eskimo</p> <p><input type="radio"/> Aleut</p> <p><u>Asian or Pacific Islander (API)</u></p> <p><input type="radio"/> Chinese      <input type="radio"/> Japanese</p> <p><input type="radio"/> Filipino      <input checked="" type="radio"/> Asian Indian</p> <p><input type="radio"/> Hawaiian      <input type="radio"/> Samoan</p> <p><input type="radio"/> Korean      <input type="radio"/> Guamanian</p> <p><input type="radio"/> Vietnamese      <input type="radio"/> Other API →</p> <p><input type="radio"/> Other race (Print race) →</p>																																																																																																																																																																																																																																																	
<p><b>5. Age and year of birth</b></p> <p>a. Print each person's age at last birthday. Fill in the matching circle below each box.</p> <p>b. Print each person's year of birth and fill the matching circle below each box.</p>	<p>a. Age</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table>	0	0	0	0	0	1	0	1	0	1	2	0	2	0	0	3	0	3	0	0	4	0	4	0	0	5	0	5	0	0	6	0	6	0	0	7	0	7	0	0	8	0	8	0	0	9	0	9	0	0	<p>b. Year of birth</p> <table border="1"> <tr><td>1</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table>	1	8	0	0	0	0	0	9	0	1	0	1	0	0	2	0	2	0	2	0	0	3	0	3	0	3	0	0	4	0	4	0	4	0	0	5	0	5	0	5	0	0	6	0	6	0	6	0	0	7	0	7	0	7	0	0	8	0	8	0	8	0	0	9	0	9	0	9	0	0	<p>a. Age</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table>	0	0	0	0	0	1	0	1	0	1	2	0	2	0	0	3	0	3	0	0	4	0	4	0	0	5	0	5	0	0	6	0	6	0	0	7	0	7	0	0	8	0	8	0	0	9	0	9	0	0	<p>b. Year of birth</p> <table border="1"> <tr><td>1</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table>	1	8	0	0	0	0	0	9	0	1	0	1	0	0	2	0	2	0	2	0	0	3	0	3	0	3	0	0	4	0	4	0	4	0	0	5	0	5	0	5	0	0	6	0	6	0	6	0	0	7	0	7	0	7	0	0	8	0	8	0	8	0	0	9	0	9	0	9	0	0
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9	0	9	0	9	0	0																																																																																																																																																																																																																																														
<p><b>6. Marital status</b></p> <p>Fill ONE circle for each person.</p>	<p><input type="radio"/> Now married      <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed      <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>		<p><input type="radio"/> Now married      <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed      <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>																																																																																																																																																																																																																																																	
<p><b>7. Is this person of Spanish/Hispanic origin?</b></p> <p>Fill ONE circle for each person.</p> <p>If Yes, other Spanish/Hispanic, print one group. →</p>	<p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Am., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican      <input checked="" type="radio"/></p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →</p>		<p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Am., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →</p>																																																																																																																																																																																																																																																	
FOR CENSUS USE →	<p><input type="radio"/></p> <p><input type="radio"/></p>		<p><input type="radio"/></p> <p><input type="radio"/></p>																																																																																																																																																																																																																																																	

**PERSON 7**

Last name \_\_\_\_\_  
 First name \_\_\_\_\_ Middle initial \_\_\_\_\_

**If a RELATIVE of Person 1:**

Husband/wife     Brother/sister  
 Natural-born or adopted son/daughter     Father/mother  
 Stepson/stepdaughter     Grandchild  
 Other relative \_\_\_\_\_

**If NOT RELATED to Person 1:**

Roomer, boarder, or foster child     Unmarried partner  
 Housemate, roommate     Other nonrelative \_\_\_\_\_

Male     Female

White  
 Black or Negro  
 Indian (Amer.) (Print the name of the enrolled or principal tribe.) \_\_\_\_\_

Eskimo  
 Aleut  
 Asian or Pacific Islander (API)  
 Chinese     Japanese  
 Filipino     Asian Indian  
 Hawaiian     Samoan  
 Korean     Guamanian  
 Vietnamese     Other API \_\_\_\_\_

Other race (Print race) \_\_\_\_\_

a. Age    b. Year of birth

0	0	0	0	0	1	8	0	0	0	0
1	0	1	0	1	9	1	0	1	0	0
2	0	2	0	2	2	0	2	0	2	0
3	0	3	0	3	3	0	3	0	3	0
4	0	4	0	4	4	0	4	0	4	0
5	0	5	0	5	5	0	5	0	5	0
6	0	6	0	6	6	0	6	0	6	0
7	0	7	0	7	7	0	7	0	7	0
8	0	8	0	8	8	0	8	0	8	0
9	0	9	0	9	9	0	9	0	9	0

Now married     Separated  
 Widowed     Never married  
 Divorced

No (not Spanish/Hispanic)  
 Yes, Mexican, Mexican-Am., Chicano  
 Yes, Puerto Rican  
 Yes, Cuban  
 Yes, other Spanish/Hispanic (Print one group, for example: Argentinian, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) \_\_\_\_\_

**NOW PLEASE ANSWER QUESTIONS H1a--H26 FOR THIS HOUSEHOLD**

**H1a.** Did you leave anyone out of your list of persons for Question 1a on page 1 because you were not sure if the person should be listed -- for example, someone temporarily away on a business trip or vacation, a newborn baby still in the hospital, or a person who stays here once in a while and has no other home?

Yes, please print the name(s) and reason(s). \_\_\_\_\_  
 No

**b.** Did you include anyone in your list of persons for Question 1a on page 1 even though you were not sure that the person should be listed -- for example, a visitor who is staying here temporarily or a person who usually lives somewhere else?

Yes, please print the name(s) and reason(s). \_\_\_\_\_  
 No

**H2.** Which best describes this building? Include all apartments, flats, etc., even if vacant.

A mobile home or trailer  
 A one-family house detached from any other house  
 A one-family house attached to one or more houses  
 A building with 2 apartments  
 A building with 3 or 4 apartments  
 A building with 5 to 9 apartments  
 A building with 10 to 19 apartments  
 A building with 20 to 49 apartments  
 A building with 50 or more apartments  
 Other

**H3.** How many rooms do you have in this house or apartment? Do NOT count bathrooms, porches, balconies, foyers, halls, or half-rooms.

1 room     4 rooms     7 rooms  
 2 rooms     5 rooms     8 rooms  
 3 rooms     6 rooms     9 or more rooms

**H4.** Is this house or apartment --

Owned by you or someone in this household with a mortgage or loan?  
 Owned by you or someone in this household free and clear (without a mortgage)?  
 Rented for cash rent?  
 Occupied without payment of cash rent?

**If this is a ONE-FAMILY HOUSE --**

**H5a.** Is this house on ten or more acres?

Yes     No

**b.** Is there a business (such as a store or barber shop) or a medical office on this property?

Yes     No

**Answer only if you or someone in this household OWNS OR IS BUYING this house or apartment --**

**H6.** What is the value of this property; that is, how much do you think this house and lot or condominium unit would sell for if it were for sale?

Less than \$10,000     \$70,000 to \$74,999  
 \$10,000 to \$14,999     \$75,000 to \$79,999  
 \$15,000 to \$19,999     \$80,000 to \$89,999  
 \$20,000 to \$24,999     \$90,000 to \$99,999  
 \$25,000 to \$29,999     \$100,000 to \$124,999  
 \$30,000 to \$34,999     \$125,000 to \$149,999  
 \$35,000 to \$39,999     \$150,000 to \$174,999  
 \$40,000 to \$44,999     \$175,000 to \$199,999  
 \$45,000 to \$49,999     \$200,000 to \$249,999  
 \$50,000 to \$54,999     \$250,000 to \$299,999  
 \$55,000 to \$59,999     \$300,000 to \$399,999  
 \$60,000 to \$64,999     \$400,000 to \$499,999  
 \$65,000 to \$69,999     \$500,000 or more

**Answer only if you PAY RENT for this house or apartment --**

**H7a.** What is the monthly rent?

Less than \$80     \$375 to \$399  
 \$80 to \$99     \$400 to \$424  
 \$100 to \$124     \$425 to \$449  
 \$125 to \$149     \$450 to \$474  
 \$150 to \$174     \$475 to \$499  
 \$175 to \$199     \$500 to \$524  
 \$200 to \$224     \$525 to \$549  
 \$225 to \$249     \$550 to \$599  
 \$250 to \$274     \$600 to \$649  
 \$275 to \$299     \$650 to \$699  
 \$300 to \$324     \$700 to \$749  
 \$325 to \$349     \$750 to \$999  
 \$350 to \$374     \$1,000 or more

**b.** Does the monthly rent include any meals?

Yes     No

**FOR CENSUS USE**

<b>A. Total persons</b>	<b>B. Type of unit</b> Occupied    Vacant <input type="radio"/> First form <input type="radio"/> Regular <input type="radio"/> Con'tn <input type="radio"/> Usual home elsewhere	<b>D. Months vacant</b> <input type="radio"/> Less than 1 <input type="radio"/> 6 up to 12 <input type="radio"/> 1 up to 2 <input type="radio"/> 12 up to 24 <input type="radio"/> 2 up to 6 <input type="radio"/> 24 or more	<b>G. DO</b>	<b>ID</b>
0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9	<b>C1. Vacancy status</b> <input type="radio"/> For rent <input type="radio"/> For seas/rec/occ <input type="radio"/> For sale only <input type="radio"/> For migrant workers <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Other vacant	<b>E. Complete after</b> <input type="radio"/> LR <input type="radio"/> TC <input type="radio"/> QA <input type="radio"/> JC1 <input type="radio"/> P/F <input type="radio"/> RE <input type="radio"/> I/T <input type="radio"/> MV <input type="radio"/> ED <input type="radio"/> EN <input type="radio"/> P0 <input type="radio"/> P3 <input type="radio"/> P6 <input type="radio"/> P1 <input type="radio"/> P4 <input type="radio"/> IA <input type="radio"/> JC2 <input type="radio"/> P2 <input type="radio"/> P5 <input type="radio"/> SM	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9	
	<b>C2. Is this unit boarded up?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>F. Cov.</b> <input type="radio"/> 1b <input type="radio"/> 1a <input type="radio"/> 7 <input type="radio"/> H1		

PLEASE ALSO ANSWER THESE

<p><b>H18.</b> When did the person listed in column 1 on page 2 move into this house or apartment?</p> <p> <input type="radio"/> 1989 or 1990  <input type="radio"/> 1985 to 1988  <input type="radio"/> 1980 to 1984  <input type="radio"/> 1970 to 1979  <input type="radio"/> 1960 to 1969  <input type="radio"/> 1959 or earlier                 </p>	<p><b>H14.</b> Which FUEL is used MOST for heating this house or apartment?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood  <input type="radio"/> Gas: bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Solar energy  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used                 </p>	<p><b>H20.</b> What are the yearly costs of utilities and fuels for this house or apartment? If you have lived here less than 1 year, estimate the yearly cost.</p> <p><b>a. Electricity</b></p> <p>\$ <input type="text"/> .00 Yearly cost — Dollars</p> <p>OR</p> <p> <input type="radio"/> Included in rent or in condominium fee  <input type="radio"/> No charge or electricity not used                 </p>
<p><b>H19.</b> How many bedrooms do you have; that is, how many bedrooms would you list if this house or apartment were on the market for sale or rent?</p> <p> <input type="radio"/> No bedroom  <input type="radio"/> 1 bedroom  <input type="radio"/> 2 bedrooms  <input type="radio"/> 3 bedrooms  <input type="radio"/> 4 bedrooms  <input type="radio"/> 5 or more bedrooms                 </p>	<p><b>H15.</b> Do you get water from —</p> <p> <input type="radio"/> A public system such as a city water department, or private company?  <input type="radio"/> An individual drilled well?  <input type="radio"/> An individual dug well?  <input type="radio"/> Some other source such as a spring, creek, river, cistern, etc.?                 </p>	<p><b>b. Gas</b></p> <p>\$ <input type="text"/> .00 Yearly cost — Dollars</p> <p>OR</p> <p> <input type="radio"/> Included in rent or in condominium fee  <input type="radio"/> No charge or gas not used                 </p>
<p><b>H10.</b> Do you have COMPLETE plumbing facilities in this house or apartment; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?</p> <p> <input type="radio"/> Yes, have all three facilities  <input type="radio"/> No                 </p>	<p><b>H16.</b> Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer  <input type="radio"/> No, connected to septic tank or cesspool  <input type="radio"/> No, use other means                 </p>	<p><b>c. Water</b></p> <p>\$ <input type="text"/> .00 Yearly cost — Dollars</p> <p>OR</p> <p> <input type="radio"/> Included in rent or in condominium fee  <input type="radio"/> No charge                 </p>
<p><b>H11.</b> Do you have COMPLETE kitchen facilities; that is, 1) a sink with piped water, 2) a range or cookstove, and 3) a refrigerator?</p> <p> <input type="radio"/> Yes  <input type="radio"/> No                 </p>	<p><b>H17.</b> About when was this building first built?</p> <p> <input type="radio"/> 1989 or 1990  <input type="radio"/> 1985 to 1988  <input type="radio"/> 1980 to 1984  <input type="radio"/> 1970 to 1979  <input type="radio"/> 1960 to 1969  <input type="radio"/> 1950 to 1959  <input type="radio"/> 1940 to 1949  <input type="radio"/> 1939 or earlier  <input type="radio"/> Don't know                 </p>	<p><b>d. Oil, coal, kerosene, wood, etc.</b></p> <p>\$ <input type="text"/> .00 Yearly cost — Dollars</p> <p>OR</p> <p> <input type="radio"/> Included in rent or in condominium fee  <input type="radio"/> No charge or these fuels not used                 </p>
<p><b>H12.</b> Do you have a telephone in this house or apartment?</p> <p> <input type="radio"/> Yes  <input type="radio"/> No                 </p>	<p><b>H18.</b> Is this house or apartment part of a condominium?</p> <p> <input type="radio"/> Yes  <input type="radio"/> No                 </p>	
<p><b>H13.</b> How many automobiles, vans, and trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None  <input type="radio"/> 1  <input type="radio"/> 2  <input type="radio"/> 3  <input type="radio"/> 4  <input type="radio"/> 5  <input type="radio"/> 6  <input type="radio"/> 7 or more                 </p>	<p><i>If you live in an apartment building, skip to H20.</i></p> <p><b>H19a.</b> Is this house on less than 1 acre?</p> <p> <input type="radio"/> Yes — Skip to H20  <input type="radio"/> No                 </p> <p><b>b.</b> In 1989, what were the actual sales of all agricultural products from this property?</p> <p> <input type="radio"/> None  <input type="radio"/> \$1 to \$999  <input type="radio"/> \$1,000 to \$2,499  <input type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$10,000 or more                 </p>	

9  
8  
7  
6  
5  
4  
3  
2  
1  
0

<p><b>INSTRUCTION:</b> Answer questions H21 TO H26, if this is a one-family house, a condominium, or a mobile home that someone in this household OWNS OR IS BUYING; otherwise, go to page 6.</p>	<p><b>H23a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?</b></p> <p><input type="radio"/> Yes, mortgage, deed of trust, or similar debt } Go to H23b  <input type="radio"/> Yes, contract to purchase }  <input type="radio"/> No — Skip to H24a</p>	<p><b>H24a. Do you have a second or junior mortgage or a home equity loan on THIS property?</b></p> <p><input type="radio"/> Yes  <input type="radio"/> No — Skip to H25</p>
<p><b>H21. What were the real estate taxes on THIS property last year?</b></p> <p>\$ <input type="text"/> .00 Yearly amount — Dollars</p> <p>OR</p> <p><input type="radio"/> None</p>	<p><b>b. How much is your regular monthly mortgage payment on THIS property? Include payment only on first mortgage or contract to purchase.</b></p> <p>\$ <input type="text"/> .00 Monthly amount — Dollars</p> <p>OR</p> <p><input type="radio"/> No regular payment required — Skip to H24a</p>	<p><b>b. How much is your regular monthly payment on all second or junior mortgages and all home equity loans?</b></p> <p>\$ <input type="text"/> .00 Monthly amount — Dollars</p> <p>OR</p> <p><input type="radio"/> No regular payment required</p>
<p><b>H22. What was the annual payment for fire, hazard, and flood insurance on THIS property?</b></p> <p>\$ <input type="text"/> .00 Yearly amount — Dollars</p> <p>OR</p> <p><input type="radio"/> None</p>	<p><b>c. Does your regular monthly mortgage payment include payments for real estate taxes on THIS property?</b></p> <p><input type="radio"/> Yes, taxes included in payment  <input type="radio"/> No, taxes paid separately or taxes not required</p> <p><b>d. Does your regular monthly mortgage payment include payments for fire, hazard, or flood insurance on THIS property?</b></p> <p><input type="radio"/> Yes, insurance included in payment  <input type="radio"/> No, insurance paid separately or no insurance</p>	<p><i>Answer ONLY if this is a CONDOMINIUM —</i>  <b>H25. What is the monthly condominium fee?</b></p> <p>\$ <input type="text"/> .00 Monthly amount — Dollars</p> <p><i>Answer ONLY if this is a MOBILE HOME —</i>  <b>H26. What was the total cost for personal property taxes, site rent, registration fees, and license fees on this mobile home and its site last year? Exclude real estate taxes.</b></p> <p>\$ <input type="text"/> .00 Yearly amount — Dollars</p>
<p>Please turn to page 6. ➔</p>		

9  
8  
7  
6  
5  
4  
3  
2  
1  
0



**23a. How did this person usually get to work LAST WEEK?** If this person usually used more than one method of transportation during the trip, fill the circle of the one used for most of the distance.

Car, truck, or van     Motorcycle  
 Bus or trolley bus     Bicycle  
 Streetcar or trolley car     Walked  
 Subway or elevated     Worked at home  
 Railroad     Skip to 28  
 Ferryboat     Other method  
 Taxicab

*If "car, truck, or van" is marked in 23a, go to 23b. Otherwise, skip to 24a.*

**b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?**

Drove alone     5 people  
 2 people     6 people  
 3 people     7 to 9 people  
 4 people     10 or more people

**24a. What time did this person usually leave home to go to work LAST WEEK?**

a.m.     p.m.

**b. How many minutes did it usually take this person to get from home to work LAST WEEK?**

Minutes — Skip to 28

**25. Was this person TEMPORARILY absent or on layoff from a job or business LAST WEEK?**

Yes, on layoff  
 Yes, on vacation, temporary illness, labor dispute, etc.  
 No

**26a. Has this person been looking for work during the last 4 weeks?**

Yes  
 No — Skip to 27

**b. Could this person have taken a job LAST WEEK if one had been offered?**

No, already has a job  
 No, temporarily ill  
 No, other reasons (in school, etc.)  
 Yes, could have taken a job

**27. When did this person last work, even for a few days?**

1990     1980 to 1984 } Go to 28  
 1989     1979 or earlier } Skip to 32  
 1988     Never worked }  
 1985 to 1987

**28-30. CURRENT OR MOST RECENT JOB ACTIVITY.** Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for his/her last job or business since 1985.

**28. Industry or Employer**

**a. For whom did this person work?** If now on active duty in the Armed Forces, fill this circle  and print the branch of the Armed Forces.

(Name of company, business, or other employer)

**b. What kind of business or industry was this?** Describe the activity at location where employed.

(For example: hospital, newspaper publishing, mail order house, auto engine manufacturing, retail bakery)

**c. Is this mainly — Fill ONE circle**

Manufacturing     Other (agriculture, construction, service, government, etc.)  
 Wholesale trade  
 Retail trade

**29. Occupation**

**a. What kind of work was this person doing?**

(For example: registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, cake baker)

**b. What were this person's most important activities or duties?**

(For example: patient care, directing hiring policies, supervising order clerks, assembling engines, icing cakes)

**30. Was this person — Fill ONE circle**

Employee of a PRIVATE FOR PROFIT company or business or of an individual, for wages, salary, or commissions  
 Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization  
 Local GOVERNMENT employee (city, county, etc.)  
 State GOVERNMENT employee  
 Federal GOVERNMENT employee  
 SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm  
 SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm  
 Working WITHOUT PAY in family business or farm

**31a. Last year (1989), did this person work, even for a few days, at a paid job or in a business or farm?**

Yes  
 No — Skip to 32

**b. How many weeks did this person work in 1989?** Count paid vacation, paid sick leave, and military service.

Weeks

**c. During the weeks WORKED in 1989, how many hours did this person usually work each week?**

Hours

**32. INCOME IN 1989 —** Fill the "Yes" circle below for each income source received during 1989. Otherwise, fill the "No" circle. If "Yes," enter the total amount received during 1989. For income received jointly, see instruction guide. If exact amount is not known, please give best estimate. If net income was a loss, write "Loss" above the dollar amount.

**a. Wages, salary, commissions, bonuses, or tips from all jobs — Report amount before deductions for taxes, bonds, dues, or other items.**

Yes  Annual amount — Dollars  
 No \$ .00

**b. Self-employment income from own nonfarm business, including proprietorship and partnership — Report NET income after business expenses.**

Yes  Annual amount — Dollars  
 No \$ .00

**c. Farm self-employment income — Report NET income after operating expenses. Include earnings as a tenant farmer or sharecropper.**

Yes  Annual amount — Dollars  
 No \$ .00

**d. Interest, dividends, net rental income or royalty income, or income from estates and trusts — Report even small amounts credited to an account.**

Yes  Annual amount — Dollars  
 No \$ .00

**e. Social Security or Railroad Retirement**

Yes  Annual amount — Dollars  
 No \$ .00

**f. Supplemental Security Income (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments.**

Yes  Annual amount — Dollars  
 No \$ .00

**g. Retirement, survivor, or disability pensions — Do NOT include Social Security.**

Yes  Annual amount — Dollars  
 No \$ .00

**h. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.**

Yes  Annual amount — Dollars  
 No \$ .00

**33. What was this person's total income in 1989?** Add entries in questions 32a through 32h; subtract any losses. If total amount was a loss, write "Loss" above amount.

None OR  Annual amount — Dollars

Please turn the page and answer questions for Person 2 listed on page 1. If this is the last person listed in question 1a on page 1, go to the back of the form.

# APPENDIX F.

## Data Products and User Assistance

### CONTENTS

Data Products .....	F-1
Geographic Products .....	F-3
Other Census Bureau Resources .....	F-5
Reference Materials .....	F-4
Sources of Assistance .....	F-4

The 1990 census data products, 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 in an effort 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 has expanded services and sources of assistance available to data users. For example, the State Data Center Program has been expanded to include over 1,400 organizations 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. These subjects are listed in figure 1, page F-8. 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. Two report series, 1990 CPH-3 and 1990 CPH-4 (see figure 2, page F-9), present 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)*. There also are reports, not reflected in figure 2, for the outlying areas of the Pacific. 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.)

In several series, there are separate reports for each State. The geographic coverage of the State reports is listed in figure 2. The United States summaries for these report series contain, for the most part, data for the United States, regions, divisions, States, metropolitan areas (MA's), urbanized areas (UA's), counties, American Indian and Alaska Native areas, places with 10,000 or more persons, and other large substate areas (for example, county subdivisions, such as towns and townships, with 10,000 or more persons in selected States).

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-12 through F-14.

**Public Law 94-171 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, race groups, persons of Hispanic origin, population 18 years 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.)

Here are some important features of STF's:

- Each STF presents a particular set of data tables for specific types of geographic areas.
- Each STF has three or more 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 offer 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.

**Subject Summary Tape Files (SSTF's)**—These files are the source of the subject reports and provide greater subject-matter detail than the STF's. They present data for the United States, regions, and divisions, and, in some cases, also for States, counties, and large cities. (See figure 4.)

**Public Use Microdata Sample (PUMS) Files**—These computer tape files (see figure 4) contain data from samples of long-form housing-unit records ("microdata") 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 group of counties, a single county, or a place, the household is located. Each area identified must have a population of at least 100,000 and boundaries that do not cross State lines.
- A file presenting a 1-percent sample of housing units. Its household records include codes associating them with MA's and other large areas, the boundaries of which may cross State lines. (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.)

**Other Special Computer Tape Files**—Other files include the Census/Equal Employment Opportunity (EEO) Special File and the County-to-County Migration File. (See figure 4.) The Census Bureau may prepare additional special files.

### 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 the Nation and its possessions was block-numbered. This increased the number of blocks for which the Census Bureau provides data from 2.5 million in 1980 to 7 million for 1990. The cost and storage of block data of this magnitude would be prohibitive if the data were published in printed reports.

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.

### Compact Disc—Read-Only Memory (CD-ROM)

For the 1990 census, the Public Law (P.L.) 94-171 file; an extract of STF 1B that presents selected statistics for blocks; and STF's 1A, 1C, 3A, 3B, and 3C are also 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 State, county, MA, and place data from the P.L. 94-171 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 County 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, 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 P.L. 94-171 version of these maps also shows voting district boundaries in those States that furnished them. The maps are prepared on electrostatic plotters by county (or equivalent entity) with one or more map sheets each, depending on the size and shape of the area and the density of the block pattern. An average county requires 20 map sheets. The maps may be purchased from Customer Services.

**County Subdivision Outline Maps—**Maps in this State-based series present the boundaries of the counties, county subdivisions, places, American Indian and Alaska Native areas (including off-reservation trust lands), tribal designated statistical areas, and tribal jurisdiction statistical areas. Electrostatic-plotter copies are available for purchase from Customer Services. Also, they appear on multiple page-size sheets in the State reports of these series: 1990 CPH-1, 1990 CPH-2, 1990 CPH-5, 1990 CP-1, 1990 CP-2, 1990 CH-1, and 1990 CH-2.

**Census Tract/Block Numbering Area (BNA) Outline Maps—**Maps in this county-based series depict census tract or BNA boundaries and numbers, and the features

underlying the boundaries. They also show governmental units in relation to the census tracts/BNA's. Customer Services sells electrostatic-plotter copies, and the Superintendent of Documents sells printed copies.

**Voting District Outline Maps—**Maps in this county-based series depict voting district boundaries (for those counties for which States furnished boundary information) and the features underlying the boundaries. They also show governmental unit boundaries in relation to the voting districts. 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 States, metropolitan areas, counties, county subdivisions, places, American Indian and Alaska Native areas, 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 inland 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 the entire United States, Puerto Rico, the U.S. Virgin Islands, and the Pacific territories over which the United States has 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 P.L. 94-171 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 of the country. For example, a map for a particular county could show the distribution of the voting age population by city 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, railroads, 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 furnish address ranges and associated ZIP Codes for each side of street segments in major urban areas; 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, Guide.* This guide, in the 1990 CPH-R report series, provides detailed information about all aspects of the census and a comprehensive glossary of census terms. Sold by the Superintendent of Documents, U.S. Government Printing Office.
- *1990 Census of Population and Housing Tabulation and Publication Program.* A free report describing 1990 census products, comparing 1990 products with those of 1980, and more. Request from Customer Services.
- *Census '90 Basics.* A free booklet covering how the 1990 census data were collected and processed, the full range of data products, the maps and geographic files, and more, but with less detail than the Guide (above). 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 Public Law 94-171 counts. 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, as noted below.) Also, users may consult with specialists at the Census Bureau's Washington headquarters and its 12 regional offices. 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, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-8553.

#### Regional Office Contacts—

Atlanta, GA	404-347-2274
Boston, MA	617-565-7078
Charlotte, NC	704-371-6144
Chicago, IL	312-353-0980
Dallas, TX	214-767-7105
Denver, CO	303-969-7750
Detroit, MI	313-354-4654
Kansas City, KS	913-236-3711
Los Angeles, CA	818-904-6339
New York, NY	212-264-4730
Philadelphia, PA	215-597-8313
Seattle, WA	206-728-5314

#### 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 all States, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. State Data Centers, in turn, offer publications for reference, printouts from computer tape, specially prepared reports, maps, and other products and assistance to data users. For a list of the State Data Centers, see the *Census Catalog and Guide* or contact Customer Services. The list also notes organizations in States participating in the Census Bureau's Business/Industry Data Center (BIDC) Program. The BIDC's help business people, economic development planners, and other data users obtain and use data.

**National Services Program**—The National Services Program (NSP) provides data-related services for nationally based nonprofit 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 a pilot project, the National Services Information Center (NSIC) Initiative, three of these nonprofit

groups now offer their clientele reports, computer tape printouts, and other information from the Census Bureau. To learn more about the NSP and the NSIC, write to the National Services Program, 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 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. Through other censuses, surveys, and estimates programs, it compiles and issues (in reports, computer tape, and other media) data 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.

The other statistical activities of the Census Bureau 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.

### **Current Demographic and Housing Programs**

Two types of current programs complement the 10-year census: population estimates and surveys. The total population of the United States is estimated monthly; the population of States, counties, and metropolitan areas is estimated annually; and the population of places and other governmental units is estimated every 2 years. Projections of future population are made at the national and State levels.

The Census Bureau's many household surveys update population and housing characteristics at the national level and sometimes for States and metropolitan areas, as well. These surveys also obtain many characteristics not included in the 10-year census. The Current Population Survey is taken monthly; the American Housing Survey national sample is taken biennially; the American Housing Survey metropolitan sample is taken in 44 areas, 11 per year in a 4-year cycle; most other surveys are annual or less frequent.

### **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. Also included are related programs, such as statistics on minority- and women-owned businesses, enterprise statistics, and censuses of economic activity in Puerto Rico and some of the outlying areas under U.S. jurisdiction.

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 Census Bureau also has programs that provide current statistics on such measures as total sales of particular kinds of businesses or production of particular products. These programs include monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Business Reports* and *Current Industrial Reports*. The County Business Patterns program offers annual statistics based on data compiled primarily from administrative records.

### **Agriculture Census and Surveys**

The agriculture census is conducted concurrently with the economic censuses. It is the only source of uniform agriculture data at the county 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.

Results of three surveys—the 1988 Farm and Ranch Irrigation Survey, 1988 Census of Horticulture Specialties, and 1988 Agricultural Economics and Land Ownership Survey—are published in conjunction with the 1987 Census of Agriculture. Also, the Census Bureau regularly issues reports from a survey on cotton ginnings.

### **Governments Census and Surveys**

The census of governments, also for years ending in "2" and "7," covers all types of governments: Federal, State, county, municipal (place), township (county subdivision), school district, and special district. It provides data on such subjects as number of public employees, payrolls, revenue, and expenditures.

Annual and quarterly surveys cover the same principal subjects but generate data only for States and the largest local governments.

### **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 U.S. 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 U.S. Virgin Islands, and other U.S. possessions.

### **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. 1990 Census Content

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**100-PERCENT COMPONENT**

**Population**

Household relationship  
Sex  
Race  
Age  
Marital status  
Hispanic origin

**Housing**

Number of units in structure  
Number of rooms in unit  
Tenure—owned or rented  
Value of home or monthly rent  
Congregate housing (meals included in rent)  
Vacancy characteristics

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**SAMPLE COMPONENT**

**Population**

*Social characteristics:*

Education—enrollment and attainment  
Place of birth, citizenship, and year of entry into U.S.  
Ancestry  
Language spoken at home  
Migration (residence in 1985)  
Disability  
Fertility  
Veteran status

*Economic characteristics:*

Labor force  
Occupation, industry, and class of worker  
Place of work and journey to work  
Work experience in 1989  
Income in 1989  
Year last worked

**Housing**

Year moved into residence  
Number of bedrooms  
Plumbing and kitchen facilities  
Telephone in unit  
Vehicles available  
Heating fuel  
Source of water and method of sewage disposal  
Year structure built  
Condominium status  
Farm residence  
Shelter costs, including utilities

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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

Series	Title	Report(s) issued for	Description	Geographic areas
<b>1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)</b>				
<b>100-Percent Data</b>				
1990 CPH-1	<b>Summary Population and Housing Characteristics</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Population and housing unit counts, and summary statistics on age, sex, race, Hispanic origin, household relationship, units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
1990 CPH-2	<b>Population and Housing Unit Counts</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Total population and housing unit counts for 1990 and previous censuses	States, counties, county subdivisions, places, State component parts of metropolitan areas (MA's) and urbanized areas (UA's), and summary geographic areas (for example, urban and rural)
<b>100-Percent and Sample Data</b>				
1990 CPH-3	<b>Population and Housing Characteristics for Census Tracts and Block Numbering Areas</b>	MA's, and the nonmetropolitan balance of each State, Puerto Rico, and U.S. Virgin Islands	Statistics on 100-percent and sample population and housing subjects	In MA's: census tracts/block numbering areas (BNA's), places of 10,000 or more inhabitants, and counties. In the remainder of each State: census tracts/BNA's, places of 10,000 or more, and counties
1990 CPH-4	<b>Population and Housing Characteristics for Congressional Districts of the 103rd Congress</b>	States and DC	Statistics on 100-percent and sample population and housing subjects	Congressional districts (CD's) and, within CD's, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, and American Indian and Alaska Native areas
<b>Sample Data</b>				
1990 CPH-5	<b>Summary Social, Economic, and Housing Characteristics</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample population and housing subjects	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
<b>1990 CENSUS OF POPULATION (1990 CP)</b>				
<b>100-Percent Data</b>				
1990 CP-1	<b>General Population Characteristics</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural

Figure 2. 1990 Census Printed Reports—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
<b>1990 CENSUS OF POPULATION (1990 CP)—Con.</b>				
<b>100-Percent Data—Con.</b>				
1990 CP-1-1A	<b>General Population Characteristics for American Indian and Alaska Native Areas</b>	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, off-reservation trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CP-1-1B	<b>General Population Characteristics for Metropolitan Areas</b>	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CP-1-1C	<b>General Population Characteristics for Urbanized Areas</b>	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA
<b>Sample Data</b>				
1990 CP-2	<b>Social and Economic Characteristics</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample population subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and the State portion of American Indian areas
1990 CP-2-1A	<b>Social and Economic Characteristics for American Indian and Alaska Native Areas</b>	U.S.	Statistics generally on sample population subjects	American Indian and Alaska Native areas, as for CP-1-1A
1990 CP-2-1B	<b>Social and Economic Characteristics for Metropolitan Areas</b>	U.S.	Statistics generally on sample population subjects	Individual MA's, as for CP-1-1B
1990 CP-2-1C	<b>Social and Economic Characteristics for Urbanized Areas</b>	U.S.	Statistics generally on sample population subjects	Individual UA's, as for CP-1-1C
1990 CP-3	<b>Population Subject Reports</b>	Selected subjects	Approximately 30 reports on population census subjects such as migration, education, income, the older population, and racial and ethnic groups	Generally limited to the U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places

Figure 2. 1990 Census Printed Reports—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
<b>1990 CENSUS OF HOUSING (1990 CH)</b>				
<b>100-Percent Data</b>				
1990 CH-1	<b>General Housing Characteristics</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural
1990 CH-1-1A	<b>General Housing Characteristics for American Indian and Alaska Native Areas</b>	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CH-1-1B	<b>General Housing Characteristics for Metropolitan Areas</b>	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CH-1-1C	<b>General Housing Characteristics for Urbanized Areas</b>	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA
<b>Sample Data</b>				
1990 CH-2	<b>Detailed Housing Characteristics</b>	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample housing subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and State parts of American Indian areas
1990 CH-2-1A	<b>Detailed Housing Characteristics for American Indian and Alaska Native Areas</b>	U.S.	Statistics generally on sample housing subjects	American Indian and Alaska Native areas, as in 1990 CH-1-1A
1990 CH-2-1B	<b>Detailed Housing Characteristics for Metropolitan Areas</b>	U.S.	Statistics generally on sample housing subjects	Individual MA's, as in 1990 CH-1-1B
1990 CH-2-1C	<b>Detailed Housing Characteristics for Urbanized Areas</b>	U.S.	Statistics generally on sample housing subjects	Individual UA's, as in 1990 CH-1-1C
1990 CH-3	<b>Housing Subject Reports</b>	Selected subjects	Approximately 10 reports on housing census subjects such as structural characteristics and space utilization	Generally limited to U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places

**Figure 3. 1990 Census Summary Tape Files**

<b>Summary Tape File (STF 1A, 1B, etc.) and data type (100 percent or sample)<sup>1</sup></b>	<b>Geographic areas</b>	<b>Description</b>	
STF 1 (100 percent)	A <sup>2 3</sup>	States, counties, county subdivisions, places, census tracts/ block numbering areas (BNA's), block groups (BG's). Also Alaska Native areas and State parts of American Indian areas	
	B <sup>2 3</sup>	States, counties, county subdivisions, places, census tracts/BNA's, BG's, blocks. Also Alaska Native areas and State parts of American Indian areas	
	C <sup>3</sup>	U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, metropolitan areas (MA's), urbanized areas (UA's), American Indian and Alaska Native areas	Over 900 cells/ items of 100-percent population and housing counts and characteristics for each geographic area
	D	Congressional districts (CD's) of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, Alaska Native areas, and American Indian areas	
A	In MA's: counties, places of 10,000 or more inhabitants, and census tracts/BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/BNA's		
B	States (including summaries such as urban and rural), counties, places of 1,000 or more inhabitants, county subdivisions, State parts of American Indian areas, and Alaska Native areas		
STF 2 (100 percent)	C	U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's	Over 2,100 cells/ items of 100-percent population and housing counts and characteristics for each geographic area. Each of the STF 2 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin
	A <sup>2 3</sup>	States, counties, county subdivisions, places, census tracts/BNA's, BG's. Also Alaska Native areas and State parts of American Indian areas	
STF 3 (Sample)	B <sup>3</sup>	Five-digit ZIP Codes within each State	
	C <sup>3</sup>	U.S., regions, divisions, States, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, American Indian and Alaska Native areas, MA's, UA's	Over 3,300 cells/ items of sample population and housing characteristics for each geographic area
	D	CD's of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States	

Figure 3. 1990 Census Summary Tape Files—Con.

Summary Tape File (STF 1A, 1B, etc.) and data type (100 percent or sample) <sup>1</sup>	Geographic areas	Description
STF 4 (Sample)	A	In MA's: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's
	B	State (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, all county subdivisions in New England MA's, State parts of American Indian areas, and Alaska Native areas
	C	U.S., regions, divisions, States (including urban and rural and metropolitan and nonmetropolitan components), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's

Over 8,500 cells/ items of sample population and housing characteristics for each geographic area. Each of the STF 4 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin.

<sup>1</sup>Similar STF's will be prepared for Puerto Rico and the U.S. Virgin Islands.

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

<sup>3</sup>Also 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**

<b>Title</b>	<b>Description</b>	<b>Geographic areas</b>
Subject Summary Tape Files	About 20 computer tape files used to produce the subject reports (1990 CP-3 and 1990 CH-3 series). On the average, a file is the source of two subject reports	U.S., regions, divisions, States, metropolitan areas (MA's), and large counties and places
Public Law 94-171 Data File (redistricting data)	Counts by total, race, and Hispanic origin for the total population and population 18 years old and over, and counts of housing units. Available on tape, CD-ROM, and paper listings	States, counties, county subdivisions, places, census tracts/ block numbering areas (BNA's), block groups (BG's), and blocks; voting districts where States have identified them for the Census Bureau; and American Indian and Alaska Native areas
Census/ Equal Employment Opportunity (EEO) Special File	Sample tabulations showing detailed occupations and educational attainment data by age; cross tabulated by sex, Hispanic origin, and race	Counties, MA's, places of 50,000 or more inhabitants
County-to-County Migration File	Summary statistics for all intra-state county-to-county migration streams and significant inter-state county-to-county migration streams. Each record will include codes for the geographic area of destination, and selected characteristics of the persons who made up the migration stream	States, counties
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 Areas		County groups, counties, county subdivisions, and places with 100,000 or more inhabitants
1 Percent—Metropolitan Areas (1990)		MA's and other large areas with 100,000 or more inhabitants
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 I. Code Lists

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### ANCESTRY

This section contains a modified code list for ancestry categories for the PUMS. Some categories have been grouped. Each person enumerated in the census had the opportunity to enter two distinct ancestry identities which indicated his or her ethnic origin. Each entry received one of the unique three-digit codes listed below. All codes are listed below. However, not all ancestry entries are listed. The ancestry codes can be aggregated to create commonly recognized national groupings. For example, the code for Walloon has been collapsed with other "Belgian" entries to form a national grouping representative of an area in Europe. National groupings can also be collapsed to represent continental areas. For example, Belgium can be added to France and other European clusters to form a representation of that continent. "n.e.c." is the abbreviation for not elsewhere classified.

#### 001-099 WESTERN EUROPE (EXCEPT SPAIN)

001    **ALSATIAN**  
       001    Alsace Lorraine

002    **ANDORRAN**  
       002    Andorra

003    **AUSTRIAN**  
       003    Austria

004    **TIROL**  
       004    Tirolean  
       004    Tirolese  
       004    Tyrol  
       004    Tyrolean  
       004    Tyrolese

005    **BASQUE**  
       005    Euskalduna  
       005    Euzkadi

006    **FRENCH BASQUE**  
       006    Basque French

007    **SPANISH BASQUE**  
       007    Basque Spanish

007    Vasca  
 007    Vasco

008    **BELGIAN**  
       008    Belgium  
       009    Flemish  
       009    Flamand  
       009    Flanders  
       009    Fleming  
       009    Vlamand  
       010    Walloon

011    **BRITISH**  
       011    Britain  
       011    Briton  
       011    G B  
       011    GB  
       011    Great Britain  
       011    U K  
       011    UK  
       011    United Kingdom  
       012    British Isles  
       013    Channel Islander  
       013    Guernsey Islander  
       013    Jersey Islander  
       014    Gibraltar  
       014    Gibraltar

015	CORNISH		026	Gascon
	015	Cornishman	026	Guienne
	015	Cornwall	026	Guyenne
016	CORSICAN		026	Hugenot
	016	Corse	026	Norman
	016	Corsica	026	Normandy
	016	Corsu	026	Wallis Islander
017	CYPRIOI		027	Lorrainian
	017	Cyprian	027	Lorraine
	017	Cypriote	028	BRETON
	017	Cyprus	028	Breizh
018	GREEK CYPRIOTE		028	Bretagne
	018	Cypriote Greek	028	Brittany
019	TURKISH CYPRIOTE		029	FRISIAN
	019	Cypriote Turk	029	Friesian
020	DANISH		029	Friesian Islands
	020	Dane	029	Friesland
	020	Denmark	029	North Friesland
021	DUTCH		030	FRIULIAN
	021	Amsterdam	030	Friulan
	021	Dutchman	030	Friuli
	021	Holland	030	Friulia
	021	Hollander	030	Furlan
	021	Netherlander	030	Furland
	021	Netherlandian	031	Ladin
	021	Netherlandic	031	Ladini
	021	Netherlands	032	GERMAN
022	ENGLISH		032	Germany
	022	Anglican	034	Berliner
	022	England	035	Hamburger
	022	Mayflower	036	Hannover
023	FAEROE ISLANDER		036	Hanover
	023	Faeroe Islands	037	Hessian
	023	Faeroes	038	Lubecker
	023	Faroe Islands	039	Pomeranian
024	FINNISH		039	Pommern
	024	Finland	042	Sudetenlander
	024	Finn	042	Sudeten
	025	Karelian	042	Sudetes
026	FRENCH		043	Westphalian
	026	France	043	Westfalen
	026	Franco	044	East German
			045	West German
			045	Palatinate
			045	Rhineland
			033	BAVARIAN
			033	Bavaria

040 PRUSSIAN

041 SAXON

041 Sachsen

041 Saxony

045 GREEK

046 Greece

047 Cretan

047 Crete

048 Cycladic Islander

048 Cyclades

048 Dodecanese Islander

048 Peloponnesian

049 ICELANDER

049 Iceland

049 Icelandic

049 IRISH

050 Black Irish

050 Clare

050 Cork

050 Donegal

050 Dublin

050 Dubliner

050 Eire

050 Erin

050 Galway

050 Ireland

050 Irish Free State

050 Kerry

050 Kildare

050 Kilkenny

050 Laoighis

050 Leitrim

050 Leix

050 Limerick

050 Longford

050 Louth

050 Mayo

050 Meath

050 Monaghan

050 Offaly

050 Roscommon

050 Sligo

050 Tipperary

050 Waterford

050 Westmeath

050 Wexford

050 Wicklow

051 ITALIAN

051 Istria

051 Italo

051 Italy

052 Trieste

053 Abruzzi

054 Apulian

054 Apulia

055 Basilicata

055 Lucania

056 Calabrian

056 Calabria

057 Amalfian

057 Amalfi

057 Amalfitani

057 Campania

057 Campanian

058 Emilia Romagna

059 Rome

059 Lazio

059 Vatican City

060 Ligurian

060 Liguria

061 Lombardian

061 Lombard

061 Lombardy

062 Marche

062 Marches

063 Molise

064 Neapolitan

064 Naples

065 Piedmontese

065 Piedmont

066 Puglia

067 Sardinian

067 Sardegna

068 SICILIAN

068 Sicily

069 Toscana

069 Tuscan

069 Tuscany

070 Trentino

071 Umbrian

071 Umbria

072 Valle Daosta

073 Venetian

073 Venice

073 Veneto

073 Venezia

073 Venezia Giulia

074 San Marino

074	Venice	083	OCCITAN
075	LAPP	083	Occitanie
075	Lapland	083	Provençal
075	Laplander	083	Provence
075	Lappish	084	PORTUGUESE
075	Samelat	084	Lusitania
076	LIECHTENSTEINER	084	Lusitanian
076	Liechtenstein	084	Luso
076	Liechtenstein	084	Portugal
077	LUXEMBURGER	085	AZOREAN
077	Luxembourg	085	Azores Islander
077	Luxembourgeois	085	Azorian
077	Luxembourger	086	Madeiran
077	Luxemburg	086	Madeira Islander
078	MALTESE	087	SCOTCH IRISH
078	Gozo	087	Scot Irish
078	Malta	088	SCOTTISH
079	MANX	088	Orkney Islander
079	Isle of Man	088	Pict
079	Manx Islander	088	Pictish
080	MONEGASQUE	088	Scot
080	Monacan	088	Scotch
080	Monaco	088	Scotland
081	NORTHERN IRELANDER	088	Scots
081	Antrim	088	Scottie
081	Armagh	088	Shetland
081	Derry	088	Shetland Islander
081	Down	089	SWEDISH
081	Fermanagh	089	Swede
081	Londonderry	089	Sweden
081	Northern Ireland	090	Aland Islander
081	Orangeman	091	SWISS
081	Tyrone	091	Switzerland
081	Ulster	092	Suisse
081	Ulsterite	093	Switzer
081	Ulsterman	093	Schweiz
082	NORWEGIAN	095	Romansch
082	Jan Meyen Islander	095	Romansh
082	Norse	096	Suisse Romane
082	Norsk	096	Ticino
082	Norway	097	WELSH
082	Spitsbergen	097	Wales
082	Svalbard Islander	097	Welch

- |   |                        |     |                      |
|---|------------------------|-----|----------------------|
| 098                                     | SCANDINAVIAN           | 108 | COSSACK              |
|   | 098 Nordic             |     | 108 Don Cossack      |
|   | 098 Scandinavia        |     | 108 Orenburg Cossack |
| 099                                     | CELTIC                 |     | 108 Terek Cossack    |
|   | 099 Celt               |     | 108 Ural Cossack     |
|   | 099 Celtish            | 109 | CROATIAN             |
| 100-180 EASTERN EUROPE AND SOVIET UNION |                        |     |                      |
| 100                                     | ALBANIAN               | 109 | Croat                |
|   | 100 Albania            | 109 | Croatia              |
|   | 100 Arberesh           | 109 | Dalmatian            |
|   | 100 Geg                | 109 | Zadar                |
|   | 100 Gheg               | 109 | Zara                 |
|   | 100 Italo Albanian     | 111 | CZECH                |
|   | 100 Kossovo            |     | 111 Chech            |
|   | 100 Tosc               |     | 111 Chekh            |
|   | 100 Tosk               |     | 112 Bohemian         |
|   |                        |     | 113 Moravian         |
| 101                                     | AZERBAIJANI            | 114 | CZECHOSLOVAKIAN      |
|   | 101 Adjerbajjani       |     | 114 Czechoslovak     |
|   | 101 Aderbajjaniah      |     | 114 Czechoslovakia   |
|   | 101 Azerbaidzhan       |     | 114 Tczechoslovakia  |
|   | 101 Azeri              |     | 114 Tczechoslovakian |
|   | 101 Azeris             | 115 | ESTONIAN             |
| 102                                     | BELOURUSSIAN           |     | 115 Estonia          |
|   | 102 Bieloruss          |     | 116 Livonian         |
|   | 102 Byelorussian       |     | 116 Liv              |
| 103                                     | BULGARIAN              | 117 | FINNO UGRIAN         |
|   | 103 Bulgar             |     | 117 Komi             |
|   | 103 Bulgaria           |     | 117 Mari             |
|   | 103 Bulgaro Macedonian |     | 117 Udmurt           |
|   | 103 Eastern Rumelian   |     | 118 Mordovian        |
|   |                        |     | 118 Mordva           |
|   |                        |     | 118 Mordvin          |
|   |                        |     | 119 Voytak           |
| 104                                     | CARPATHO RUSYN         | 120 | GRUZIJA              |
|   | 104 Carpatho Rus       |     | 120 Gruzinet         |
|   | 104 Carpatho Russian   | 122 | GERMAN FROM RUSSIA   |
|   | 104 Carpatho Ruthenian |     | 123 Volga            |
|   | 105 Carpathian         |     | 123 Black Sea German |
|   | 105 Carpatho           |     | 123 Volga German     |
|   |                        |     | 123 Volhynian German |
| 106                                     | RUSYN                  | 124 | ROM                  |
|   | 106 Rus                |     | 124 Boyash           |
|   | 106 Rusin              |     | 124 Cali             |
|   | 106 Rusnak             |     | 124 Churara          |
| 107                                     | RUTHENIAN              |     |                      |
|   | 107 Ruthenia           |     |                      |

124	Dom	132	Ingush
124	Gitanos	132	Kabardinian
124	Gypsy	132	Lezghian
124	Kalderash	132	Tavlintsy
124	Lowrara	133	North Caucasian Turkic
124	Luri	133	Adzharian
124	Machwaya	133	Balkar
124	Manouche	133	Cherkess
124	Melungeon	133	Circassian
124	Nat	133	Karacay
124	Romani	133	Karachay
124	Romany	133	Kumyk
124	Rommany	140	Ossetian
124	Romnichal		
124	Senti		
124	Xoraxaya		
125	<b>HUNGARIAN</b>	142	<b>POLISH</b>
125	Hungary	142	Gorali
125	Szekler	142	Masurian
126	Magyar	142	Poland
		142	Pole
127	<b>KALMYK</b>	142	Polonia
127	Kalmuck	142	Polska
		143	Kashubian
128	<b>LATVIAN</b>	143	Kashube
128	Latvi	144	<b>ROMANIAN</b>
128	Latvia	144	Roman
128	Lett	144	Romania
128	Lettish	144	Roumanian
		144	Rumanian
129	<b>LITHUANIAN</b>	144	Transylvanian
129	Jmoud	144	Transylvania
129	Lithuania	145	Bessarabian
		145	Dobruja
130	<b>MACEDONIAN</b>	146	Moldavian
130	Macedonia	147	Wallachian
130	Slavophone	147	Vlach
131	Montenegrin	148	<b>RUSSIAN</b>
131	Orna Gora	148	Black Russian
		148	Great Russian
132	<b>NORTH CAUCASIAN</b>	148	Rossiya
132	Abkhazian	148	Russia
132	Adyge	148	Red Russian
132	Avar	150	Muscovite
132	Caucasus Mountains	150	Moscow
132	Chechen	150	Moskva
132	Dagestan	152	<b>SERBIAN</b>
132	Dagestani	152	Serb
132	Daghestan	153	<b>SLOVAK</b>
132	Darghinian	153	Slovakian
132	Gortsy		

	153	Slovjak		168	Kazak
154		<b>SLOVENE</b>		168	Kazakh
	154	Slovinc		168	Kirghiz
	154	Slovenian		168	Kirgiz
	154	Slovenski		168	Turcoman
	155	Sorbian/Wend		168	Turkmen
	155	Lusatia		168	Turkmenian
	155	Lusatian Serb		168	Turkmenistan
	155	Lusatian Sorb		168	Turkoman
	155	Sorb		168	Turkomen
	155	Sorbian		168	Turkuman
	155	Wend		168	Uiger
	155	Wenden		168	Uigur
	155	Wendish		168	Uygur
				169	Uzebeg
156		<b>SOVIET TURKIC</b>		169	Usbeg
	157	Bashkir		169	Usbek
	158	Chuvash		169	Uzbek
	158	Chevash			
	159	Gagauz	171		<b>UKRAINIAN</b>
	160	Mesknetian	171	171	Little Russian
	161	Tuvinian	171	171	Malo Russian
	161	Tuva	171	171	Ukraine
	163	Yakut	172	172	Lemko
			172	172	Lemkian
164		<b>SOVIET UNION N.E.C.</b>	173	173	Bioko
	164	U S S R	173	173	Boyko
	164	Union of Soviet Socialist Republics	174	174	Husel
	164	USSR			
165		<b>TATAR</b>	175		<b>WINDISH</b>
	165	Crimean	175	175	Prekmurje
	165	Crimean Tatar	175	175	Vind
	165	Kazan Tatar	175	175	Wind
	165	Nogay Tatar	175	175	Windisch
	165	Volga Tatar			
	167	Soviet Central Asia	176		<b>YUGOSLAVIAN</b>
	167	Kuril Islander	176	176	Yugoslavia
	167	Kurile Islander	176	176	Yugoslav
	167	Kurilian	176	176	Yugoslavia
	167	Saghalien	177	177	Herzegovinian
	167	Sakhalin Islander	177	177	Bosanci
	167	Siber	177	177	Bosnian
	167	Siberian	177	177	Bosnjaci
	167	Tadjik	177	177	Bosnjak
	167	Tadzhik	177	177	Hercegovinian
	167	Tadzik			
	167	Tajik	178		<b>SLAVIC</b>
168		<b>TURKESTANI</b>	178	178	Koakslav
	168	Karakalpak	178	178	Slav
			178	178	Slavish
			178	178	Slavonic
			179	179	Slavonian

181-199 EUROPE N.E.C.

- 181 CENTRAL EUROPEAN
  - 181 Central Europe
  - 181 Middle European
- 183 NORTHERN EUROPEAN
  - 183 North Europe
- 185 SOUTHERN EUROPEAN
  - 185 South Europe
- 187 WESTERN EUROPEAN
  - 187 West Europe
- 190 EASTERN EUROPEAN
  - 190 Byzantine
  - 190 East Europe
- 191 BUCOVINA
  - 191 Bukovina
- 193 SILESIAN
  - 193 Silcsia
- 195 EUROPEAN
  - 195 Euro-White
  - 195 Europe
- 196 GALICIAN
  - 196 Galicia

200-299 HISPANIC CATEGORIES (WITH SPAIN)

- 200 SPANIARD
  - 200 Espana
  - 200 Espanol
  - 200 Espanola
  - 200 Iberan
  - 200 Iberian
  - 200 Ibero
  - 200 Spain
  - 201 Andalusian
  - 202 Asturian
  - 203 Castillian
  - 203 Castellana
  - 203 Castellano
  - 203 Castile
  - 203 Castllian
- 204 CATALONIAN
  - 204 Catalan

- 204 Catalana
- 204 Catalonia
- 205 Balearic Islander
- 205 Majorca
- 205 Majorcan
- 205 Mallorca
- 205 Mallorcan
- 205 Mallorquin
- 205 Mallorquina
- 206 Gallego
- 206 Gallega
- 207 Valencian
- 207 Valenciana
- 207 Valenciano
- 208 Canarian
- 208 Canaria
- 208 Canario
- 208 Canary Islander

210 MEXICAN

- 210 Mex
- 211 Mexican American
- 211 Mex Am
- 211 Mex American
- 211 Mexam
- 211 Mexican Am
- 211 Mexican Amer
- 211 Mexican USA
- 211 Mexicanam
- 212 Mexicano
- 212 Mexicana
- 213 Chicano
- 213 Chicana
- 214 La Raza
- 218 Mexican State
- 218 Aguascalientes
- 218 Baja California
- 218 Campeche
- 218 Chiapas
- 218 Chihuahua
- 218 Coahuila
- 218 Colima
- 218 Distrito Federal
- 218 Durango
- 218 Guanajuato
- 218 Guerrero
- 218 Hidalgo
- 218 Jalisco
- 218 Mexico
- 218 Michoacan
- 218 Morelos
- 218 Nayarit

218	Nuevo Leon	227	CENTRAL AMERICAN
218	Oaxaca	227	America Central
218	Puebla	227	Central America
218	Querataro	227	Centroamericana
218	San Luis Potosi	227	Centroamericano
218	Sinaola		
218	Sonora	229	CANAL ZONE
218	Tobasco	229	Zonian
218	Tamaulipas		
218	Tlaxcala	231	ARGENTINEAN
218	Tlaxkala	231	Argentina
218	Vera Cruz	231	Argentine
218	Veracruz	231	Argentinian
218	Yucatan	231	Argebtino
218	Zacatecas		
221	COSTA RICAN	232	BOLIVIAN
221	Costa Rica	232	Bolivia
221	Costarricense	232	Boliviana
221	Costarriquena	232	Boliviano
221	Costarriqueno		
222	GUATEMALAN	233	CHILEAN
222	Guatemala	233	Chile
222	Guatamalteca	233	Chilena
222	Guatemalteco	233	Chileno
223	HONDURAN	234	COLOMBIAN
223	Honduras	234	Antiochio
223	Hondurena	234	Colombia
223	Hondureno	234	Colombiana
		234	Colombiano
224	NICARAGUAN	235	ECUADORIAN
224	Nicaragua	235	Ecuador
224	Nicaraguena	235	Ecuadoran
224	Nicaragueno	235	Ecuatoriana
224	Nicaraguense	235	Ecuatoriano
		235	Galapagos Islander
225	PANAMANIAN	236	PARAGUAYAN
225	Panama	236	Paraguay
225	Panamena	236	Paraguaya
225	Panameno	236	Paraguayana
		236	Paraguayano
226	SALVADORAN	236	Paraguayoy
226	El Salvador	237	PERUVIAN
226	El Salvadorean	237	Peru
226	El Salvadorian	237	Peruana
226	Salvador	237	Peruano
226	Salvadorean		
226	Salvadorena	238	URUGUAYAN
226	Salvadoreno	238	Uruguay
226	Salvadorian		

CODE LISTS

238	Uruguaya	290	HISPANIC
238	Uruguayo	290	Hispana
239	VENEZUELAN	290	Hispano
239	Venezolana	291	SPANISH
239	Venezolano	291	Spanish
239	Venezuela	292	Californio
248	CRIOLLO	293	Tejano
248	Criolla	293	Tejana
249	SOUTH AMERICAN	293	Nuevo Mexicano
249	America Del Sur	295	Spanish American
249	South America	300-359	WEST INDIES
249	Sudamerica	300	BAHAMIAN
249	Sudamericana	300	Bahama Islander
249	Sudamericano	300	Bahamas
250	LATIN AMERICAN	301	BARBADIAN
250	American Latina	301	Barbados
250	Latinoamericana	302	BELIZEAN
250	Latinoamericano	302	Belice
251	Latin	302	Belicean
252	Latino	302	Beliceno
252	Latina	302	Belize
261	PUERTO RICAN	302	British Honduran
261	Boricua	303	BERMUDAN
261	Borinquena	303	Bermuda
261	Borinqueno	303	Bermuda Islander
261	New York Puerto Rican	303	Bermudas
261	P R	303	Bermudian
261	PR	304	CAYMAN ISLANDER
261	Puerto Rico	308	JAMAICAN
261	Puertorriquena	308	Jamaica
261	Puertorriqueno	310	DUTCH WEST INDIES
271	CUBAN	310	Black Dutch
271	Cuba	310	Netherlands Antilles
271	Cubana	311	Aruba Islander
271	Cubano	311	Aruban
271	Guajira	311	Bonaire Islander
271	Guajiro	311	Curacao Islander
275	DOMINICAN	312	St Maartem Islander
275	D R	312	Saba Islander
275	Dominican Republic	312	St Eustatius Islander
275	Dominicana	312	St Martin Islander
275	Dominicano		
275	Espanola Island		
275	Hispaniola		
275	Santo Domingo		

- 314 TRINIDADIAN TOBAGONIAN  
315 Trinidadian  
315 Trinidad  
316 Tobagonian  
316 Tobago
- 317 US VIRGIN ISLANDER  
317 U S Virgin Islander  
317 Virgin Islander  
318 St Croix Islander  
318 Crucian  
318 Crucan  
318 Santa Cruz  
319 St John Islander  
319 St Johnian Islander  
319 St Jon Islander  
320 St Thomas Islander  
320 St Thomian  
320 St Tomas Islander
- 321 BRITISH VIRGIN ISLANDER  
321 Anegada  
321 Jost Van Dyke  
321 Peter and Norman Islands  
321 Tortolan  
321 Virgin Gorda
- 322 BRITISH WEST INDIES  
322 British West Indien  
323 Turks and Caicos Islander  
323 Caicos Islander  
323 Grand Turk Islander  
323 Turks Islander  
324 Anguilla Islander  
324 Anguillian  
325 Antigua and Barbudd  
325 Angigua Islander  
325 Antiguan  
325 Barbuda Islander  
325 Barbudan  
325 Redonda Islander  
326 Montserrat Islander  
326 Montserratian  
327 Kitts/Nevis Islander  
327 Kittitian  
327 Nevis Islander  
327 Nevisian  
327 Sombrero Islander  
327 St Christopher Islander  
327 St Kitts Islander  
328 Dominica Islander  
329 Grenadian
- 329 Grenada Islander  
330 Vincent/Grenadine Islander  
330 Grenadities Islander  
330 St Vincct Islander  
330 Vincentian  
331 St Lucia Islander
- 332 FRENCH WEST INDIES  
333 Guadeloupe Islander  
333 Martinicois  
333 Martinique Islander  
334 Cayenne  
334 French Guiana  
334 French Guianese  
334 Guyane
- 335 WEST INDIAN  
335 Arawak  
335 Carib  
335 Caribbean  
335 Garfiuna  
335 West Indies
- 336 HAITIAN  
336 Haiti  
336 Hayti
- 360-399 CENTRAL & SOUTH AMERICA  
(EXCEPT HISPANIC)
- 360 BRAZILIAN  
360 Brazil
- 365 SAN ANDRES
- 370 GUYANESE  
370 British Guiana  
370 Guyana  
375 Providencia
- 380 SURINAM  
380 Dutch Guiana  
380 Netherlands Guiana  
380 Suriname
- 400-499 NORTH AFRICAN AND  
SOUTHWEST ASIA
- 400 ALGERIAN  
400 Algeria

402	EGYPTIAN		417	Iraq
402	Copht			
402	Copt		419	ISRAELI
402	Egypt		419	Isracl
402	Fellaheen			
402	Fellahin		421	JORDANIAN
402	United Arab Republic		421	Hashemite
			421	Hsahimite
404	LIBYAN		421	Jordan
404	Libya		422	Transjordan
404	Tripoli			
404	Tripolitanian		423	KUWAITI
			423	Kuwait
406	MOROCCAN		425	LEBANESE
406	Moor		425	Beirut
406	Moorish		425	Lebanon
406	Morocco		425	Maronite
406	Tangier			
407	Ifni		427	SAUDI ARABIAN
408	TUNISIAN		427	Saudi
408	Tunis		427	Saudi Arabia
408	Tunisia			
411	NORTH AFRICAN		429	SYRIAN
412	ALHUCEMAS		329	Webel Druze
412	Ceuta		429	Drusean
412	Chafarinas		429	Jebel Druze
412	Melilla		429	Djebel Druze
413	BERBER		429	Jebel Ed Druz
414	RIO DE ORO		429	Latakia
414	Ssguia El Hamra		429	Latakian
			429	Syria
415	BAHRAINI		431	ARMENIAN
415	Bahrain		431	Armenia
415	Bahrayn			
415	Bahrein		434	TURKISH
415	Bahreini		434	Turk
			434	Turkey
416	IRANIAN		434	Hatay
416	Iran		435	YEMENI
416	Irani		435	Yemen
416	Parsi		435	Yemen Arab Republic
416	Persia		435	Yemenite
416	Persian			
416	Teheran		436	OMANI
417	IRAQI		436	Oman
417	Irak		437	Muscan
			438	Trucial States
			438	Trucial Oman
			439	Qatar

441	Bedouin	500	Cabinda
442	KURDISH	502	BENIN
442	Kurd	502	Dahoman
444	Kuria Muria Islander	502	Dahom
465	PALESTINIAN	502	Dahomey
465	Palestine	502	Dahomeyan
466	Gaza Strip	502	Fon
466	Gazan	504	BOTSWANA
467	West Bank	504	Bechuana
470	SOUTH YEMEN	504	Bechuanaikand
470	Peoples Democratic Republic of Yemen	504	Botswanaaland
471	Aden	506	BURUNDIAN
471	Aden Protectorate	506	Burundi
480	UNITED ARAB EMIRATES	506	Urundi
480	Abu Dhabi	508	CAMEROONIAN
480	Ajman	508	Cameroon
480	Dubai	508	Cameroun
480	Fujairah	508	Fako
480	Ras al Kaimah	510	CAPE VERDEAN
480	Sharjah	510	Brava
480	Umm Al Qaiwain	510	Caba Verdian
482	ASSYRIAN	510	Cape Verde Islander
482	Aramean	512	CENTRAL AFRICAN REPUBLIC
482	Assyria	512	Ubangi Shari
482	Chaldean	513	CHADIAN
482	Chaldo	513	Chad
482	Jacobite	515	CONGOLESE
482	Kaldany	515	Congo
482	Kaldu	516	Congo Brazzaville
482	Kasddem	519	DJIBOUTI
482	Kasdu	519	Afars and Issas
482	Ncstorian	519	Jibuti
482	Telkeffee	520	EQUATORIAL GUINEA
490	MIDEAST	520	Rio Muni
490	Middle Eastern	521	Corsico Islander
495	ARAB	521	Annobon Islander
495	Arabia	521	Bioko Islander
495	Arabian	521	Elobeis Islander
496	Arabic	521	Fernando Po Islander
500-599	SUBSAHARAN AFRICA		
500	ANGOLAN		
500	Angola		

CODE LISTS

- 522 ETHIOPIAN  
522 Abyssinia  
522 Abyssinian  
522 Ethiopia  
523 Eritrean
- 525 GABONESE  
525 Gabon  
525 Gaboon  
525 Gabun
- 527 GAMBIAN  
527 Gambia
- 529 GHANIAN  
529 Ashanti  
529 Ghana  
529 Ghanese  
529 Ghanian  
529 Gold Coast  
529 Twi
- 530 GUINEAN  
530 Guinea
- 531 GUINEA BISSAU
- 531 IVORY COAST
- 534 KENYAN  
534 Kenya
- 538 LESOTHO  
538 Basuto  
538 Basutoland  
538 Basutoland
- 541 LIBERIAN  
541 Liberia
- 543 MADAGASCAN  
543 Madagascar
- 545 MALAWIAN  
545 Malwai
- 546 MALIAN  
546 Mali
- 547 MAURITANIAN  
547 Mauritania
- 549 MOZAMBICAN  
549 Mozambique
- 550 NAMIBIAN  
550 Namibia
- 551 NIGER
- 553 NIGERIAN  
553 Nigeria  
554 Fulah  
554 Fulani  
555 Hausa  
556 Ibo  
557 Tiv  
558 Yoruba
- 561 RWANDAN  
561 Rwanda
- 564 SENEGALESE  
564 Dakar  
564 Senegal
- 566 SIERRA LEONEAN  
566 Sierra Leone
- 568 SOMALIAN  
568 Somali Republic  
568 Somalia
- 569 SWAZILAND
- 570 SOUTH AFRICAN  
570 Republic of South Africa  
570 South Africa  
571 Union of South Africa  
571 Orange Free State  
571 Pretoria  
571 Transkei  
571 Transvaal  
572 Afrikaner  
572 Boer  
573 Natal  
573 Natalian
- 574 ZULU  
574 Zululand
- 576 SUDANESE  
576 Soudan  
576 Soudanese

576 Sudan  
 577 Dinka  
 578 Nuer  
 579 Fur  
 579 Darfur  
 580 Baggara  
  
 582 TANZANIAN  
 582 Tanzania  
 583 Tanganyikan  
 583 Tanganyika  
 584 Zanzibar Islander  
 584 Zanzibari  
  
 586 TOGO  
 586 Togoland  
 586 Togolander  
 586 Togolese  
  
 588 UGANDAN  
 588 Lugbara  
 588 Uganda  
  
 589 UPPER VOLTAN  
 589 Upper Volta  
 590 Volta  
  
 591 ZAIRIAN  
 591 Belgian Congo  
 591 Congo Kinshasa  
 591 Kinshasa  
 591 Zaire  
  
 592 ZAMBIAN  
 592 Zambia  
  
 593 ZIMBABWEAN  
 593 Rhodesia  
 593 Rhodesian  
 593 Southern Rhodesian  
 593 Zimbabwe  
 593 Zimbabwe Rhodesia  
  
 594 AFRICAN ISLANDS (EXCEPT MADAGASCAR)  
 594 Comoros Islander  
 594 Principe Islander  
 594 Reunion Islander  
 594 Sao Tome Islander  
 594 Seychelles Islander  
 594 St Helena Islander  
 594 St Pierre Islander  
 594 Tristan De Cunha Islander

595 Mauritian  
 595 Mauritius Islander

596-599 SUBSAHARA AFRICA N.E.C.

596 CENTRAL AFRICAN  
 596 Central Africa  
 596 Middle Congo  
 597 Eastern African  
 597 East Africa  
 597 Galla  
 597 Kikuyu  
 597 Masai  
 598 Western African  
 598 West Africa  
 599 African  
 599 Africa

600-699 SOUTH ASIA

600 AFGHANISTAN  
 600 Afghan  
 601 Baluchistan  
 601 Baluchi  
 602 Pathan  
  
 603 BANGLADESHI  
 603 Bangladesh  
 603 Bungaladese  
 603 East Pakistan  
  
 607 BHUTANESE  
 607 Bhotan  
 607 Bhutan  
  
 609 NEPALI  
 609 Nepal  
 609 Nepalese  
 609 Nepalis  
  
 615 ASIAN INDIAN  
 615 Behar  
 615 Bharat  
 615 Bharati  
 615 Bihar  
 615 Delhi  
 615 Dravidian  
 615 Dravidic  
 615 Hindoo  
 615 Hindu  
 615 India  
 615 Indian Asian

615	Indian Hindu	648	Pondichery
615	Indic	650	Punjabi
615	Indo Aryan	650	Punjab
615	Indo Asian	652	Rajasthani
615	Indo Dravidian	652	Rajasthan
615	Indoaryan	654	Sikkim
615	Indoasian	654	Sikkimese
615	Indodravidian	656	Tamil Nadu
615	Kashuuri	656	Tamil
615	Khalistan	656	Tamilian
615	Pacific Asian	656	Tamilic
615	Sikh	658	Uttar Pradesh
615	South Asian	675	East Indies
615	Viz Porsi		
616	Kashmir	680	PAKISTAN
616	Kashmiri	680	Pakistani
616	Kashmirian	680	Jammu
618	Bengali	680	Sind
618	Bangoli	680	West Pakistan
618	Bangoli		
618	Bengal	690	SRI LANKAN
618	Bengalee	690	Ceylon
618	Bengalese	690	Ceylonese
620	East Indian	690	Shri Lanka
620	Indian East	690	Shri Lankan
622	Andamanese	690	Sri Lanka
622	Andaman	691	Singhalese
622	Andaman Islander	691	Sinhalese
622	Nicobar Islander	692	Veddah
624	Andhra Pradesh	692	Vedda
626	Assamese	692	Veddoid
626	Assam		
628	Goanese	695	MALDIVIAN
628	Goa	695	Maldive Islander
628	Goan	695	Maldives
630	Gujarati		
630	Gujarat	700-799	OTHER ASIA
632	Karnatakan	700	BURMESE
632	Karnataka	700	Burma
634	Keralan	700	Burman
634	Kerala	700	Cachin
636	Madhya Pradesh	700	Chin
638	Maharashtran	700	Karen
638	Maharashtra	700	Mon
640	Madrasi	700	Palaung
640	Madras	702	Shan
642	Mysore		
642	Mizoran	703	CAMBODIAN
644	Nagaland	703	Cambodia
644	Naga	703	Kampuchean
646	Orissa	704	Khmer
648	Pondicherry		

706	<b>CHINESE</b>		
	706	China	
	706	Chino	
	706	Jehol	
	706	Sino Chinese	
	706	Yao	
	707	Cantonese	
	708	Manchurian	
	708	Manchuria	
	709	Mandarin	
712	<b>MONGOLIAN</b>		
	712	Buriat	
	712	Buryat	
	712	Mongol	
	712	Mongolia	
714	<b>TIBETAN</b>		
	714	Thibet	
	714	Tibet	
716	<b>HONG KONG</b>		
	716	Hong Kong Chinese	
	716	Eastern Archipelago	
	716	Riau Islander	
718	<b>MACAO</b>		
	718	Portuguese Macao	
720	<b>FILIPINO</b>		
	720	Cebuanos	
	720	Filipine Islander	
	720	Illocanos	
	720	Philipino	
	720	Philippines	
	720	Philippino Islander	
	720	Pilipino	
	720	Tagalog	
	720	Visayan	
730	<b>INDONESIAN</b>		
	730	Ascension Islander	
	730	Bangka	
	730	Banka	
	730	Billiton	
	730	Celebes Islander	
	730	Celebesian	
	730	Dutch East Indian	
	730	Indonesia	
	730	Molucca Islander	
	730	Moluccan	
	730	Pandangan	
			730 Portuguese Timor
			730 Spice Islander
			730 Sulawesi Islander
			730 Tampango
			732 Boreno
			734 Java
			734 Javanese
			736 Sumatran
			736 Sumatra
		740	<b>JAPANESE</b>
		740	Japan
		740	Nippon
		740	Nipponese
		741	Issei
		742	Nisei
		743	Sansei
		744	Yonsei
		745	Gosei
		746	<b>RYUKYU ISLANDER</b>
		746	Northern Ryukyu Islander
		748	<b>OKINAWAN</b>
		748	Okinawa
		748	Onik
		750	<b>KOREAN</b>
		750	Chosen
		750	Korea
		750	North Korean
		750	South Korean
		765	<b>LAOTIAN</b>
		765	Lao
		765	Laos
		766	Meo
		768	<b>HMONG</b>
		768	Hmongtana
		768	Laohmong
		768	Mong
		770	<b>MALAYSIAN</b>
		770	Malay
		770	Malayan
		770	Malaysia
		770	Sakai
		770	Semang
		770	Senoi

- 771 NORTH BORNEO  
771 Brunei  
771 Sabah  
771 Sarawak
- 774 SINGAPOREAN  
774 Singapore
- 776 THAI  
776 Siam  
776 Siamese  
776 Tai  
776 Thailand  
776 Thialander  
777 Black Thai  
777 Thai Dam  
777 Thaidam  
778 Western Lao
- 782 TAIWANESE  
782 Taiwan
- 783 FORMOSAN  
783 Formosa
- 785 VIETNAMESE  
785 Anam  
785 Annam  
785 Annamese  
785 Annamite  
785 North Vietnamese  
785 South Vietnamese  
785 Vietnam  
786 Katu  
787 Ma  
788 Mnong
- 790 MONTAGNARD  
790 Cham  
790 Chom
- 792 INDO CHINESE  
792 Indo China  
792 Indochina  
792 Indochinese
- 793 EURASIAN  
793 Indo European  
793 Indoeuropean
- 794 AMERASIAN
- 795 ASIAN  
795 Asia  
795 Asiatic  
795 Orient  
795 Oriental
- 800-899 PACIFIC
- 800 AUSTRALIAN  
800 Australia  
800 Moen  
800 New South Wales  
800 Northern Territory  
800 Queensland  
800 South Australia  
800 Victoria  
800 Western Australia  
800 Tasmanian  
801 Tasmania  
802 Australian Aborigine
- 803 NEW ZEALANDER  
803 New Zealand
- 808 POLYNESIAN  
808 Ellis  
808 Norfolk Islander  
808 Polynesia  
808 Polynesia Islander  
808 Satuvaluan  
808 Tulo Anese  
808 Tuvalu  
808 Tuvaluan  
809 Kapinagamarangan  
809 Nukoroan  
810 Maori
- 811 HAWAIIAN  
811 Hawaiian Islander  
811 Hawaiian Native  
811 Mixed Hawaiian  
811 Native Hawaiian  
813 Part Hawaiian
- 814 SAMOAN  
814 American Samoan  
814 Samoa  
814 Swains Island  
814 Tutuila
- 815 TONGAN  
815 Niukro

- |     |                                   |     |                            |
|-----|-----------------------------------|-----|----------------------------|
| 815 | Tonga                             | 827 | Ngatikese                  |
| 815 | Tonga Islander                    | 827 | Pingelapese                |
| 816 | <b>TOKELAUAN</b>                  | 827 | Pohnpeian                  |
| 816 | Toelau                            | 827 | Ponape                     |
| 816 | Tokelau Islander                  | 827 | Ponape Islander            |
| 817 | <b>COOK ISLANDER</b>              | 827 | Prohnpen                   |
| 818 | <b>TAHITIAN</b>                   | 827 | Pronpen                    |
| 818 | French Polynesia                  | 828 | <b>CHUUKESE</b>            |
| 818 | Society Islander                  | 828 | Chuuk                      |
| 818 | Tahiti                            | 828 | Chuukian                   |
| 819 | <b>NIUEAN</b>                     | 828 | Hall Islander              |
| 820 | <b>MICRONESIAN</b>                | 828 | Mortlockese                |
| 820 | FSM                               | 828 | Namanouito                 |
| 820 | Micronesia Islander               | 828 | Pulapese                   |
| 820 | US Trust Territory of the Pacific | 828 | Pulasukese                 |
| 821 | <b>GUAMANIAN</b>                  | 828 | Pulwaatese                 |
| 821 | Gu                                | 828 | Tamatamian                 |
| 821 | Guam                              | 828 | Truk                       |
| 822 | Chamorro                          | 828 | Truk Islander              |
| 822 | Chamorro Islander                 | 828 | Trukese                    |
| 823 | <b>SAIPANESE</b>                  | 828 | Ulul                       |
| 823 | Micanina                          | 829 | <b>YAPESE</b>              |
| 823 | Northern Marianas Islander        | 829 | Yap                        |
| 823 | Saipan Islander                   | 829 | Yap Islander               |
| 823 | Rota                              | 830 | <b>CAROLINIAN</b>          |
| 823 | Rotanese                          | 830 | Caroline Islander          |
| 823 | Rotinian                          | 830 | Eauripikese                |
| 824 | <b>PALAUAN</b>                    | 830 | Faisian                    |
| 824 | Belau                             | 830 | Ifalukese                  |
| 824 | Belauan                           | 830 | Lamotrekese                |
| 824 | Puloanese                         | 830 | Satawalese                 |
| 824 | R P                               | 830 | Ulithian                   |
| 824 | R.P.                              | 830 | Woleaian                   |
| 824 | RP                                | 831 | <b>KIRIBATESE</b>          |
| 824 | Sonsorolese                       | 831 | Gilbertese                 |
| 824 | Tulo Anese                        | 832 | <b>NAURUAN</b>             |
| 825 | <b>MARSHALLESE</b>                | 833 | <b>TARAWA ISLANDER</b>     |
| 825 | Marshall Islander                 | 833 | Tarawa                     |
| 826 | <b>KOSRAEAN</b>                   | 834 | <b>TINIAN ISLANDER</b>     |
| 827 | <b>PONAPEAN</b>                   | 834 | Tinian                     |
| 827 | Mokilese                          | 840 | <b>MELANESIAN ISLANDER</b> |
|     |                                   | 840 | Melanesia                  |

CODE LISTS

- |     |                                |     |                            |
|-----|--------------------------------|-----|----------------------------|
| 841 | <b>FIJIAN</b>                  | 914 | <b>S A INDIAN</b>          |
|     | 841 Fiji                       |     |                            |
|     | 841 Fiji Islander              | 920 | <b>AMERICAN INDIAN</b>     |
| 843 | <b>NEW GUINEAN</b>             | 920 | Blackfoot                  |
|     | 844 Papuan                     | 920 | Cherokee                   |
|     | 844 Papua                      | 920 | Mayan                      |
| 845 | <b>SOLOMON ISLANDER</b>        | 920 | Native American            |
|     | 845 British Solomons           | 920 | Navajo                     |
| 846 | <b>NEW CALEDONIAN ISLANDER</b> | 921 | <b>ALEUT</b>               |
|     | 846 New Caledonia              | 921 | Aleutian                   |
|     |                                | 921 | Aleutian Islander          |
| 847 | <b>VANUATUAN</b>               | 922 | <b>ESKIMO</b>              |
|     | 847 New Hebrides Islander      | 923 | <b>INUIT</b>               |
|     | 847 NHB                        | 924 | <b>WHITE</b>               |
|     | 847 Ni Vanuatu                 | 924 | Caucasian                  |
| 850 | <b>PACIFIC ISLANDER</b>        | 924 | Swamp Yankee               |
|     | 850 Campbell Islander          | 924 | Wasp                       |
|     | 850 Christmas Islander         | 924 | Yankee                     |
|     | 850 Kermadec Islander          | 925 | Anglo                      |
|     | 850 Midway Islander            | 925 | Anglo Saxon                |
|     | 850 Phoenix Islander           | 925 | Anglosaxon                 |
|     | 850 Pi                         | 927 | Appalachian                |
|     | 850 Wake Islander              | 927 | Hillbilly                  |
|     | 860 Pacific N.E.C.             | 928 | Aryan                      |
|     | 860 Oceania                    | 929 | <b>PENNSYLVANIA GERMAN</b> |
|     | 860 Oceania                    | 929 | Amish                      |
|     | 860 Paccian                    | 929 | Hutterite                  |
|     | 860 Pacific                    | 929 | Mennonite                  |
|     | 861 Part Samoan                | 929 | Pennsylvania Dutch         |
|     | 862 Chamolinian                |     |                            |
| 863 | <b>RESERVED CODES</b>          | 930 | <b>GREENLANDER</b>         |
| 900 | <b>AFRO AMERICAN</b>           | 931 | <b>CANADIAN</b>            |
|     | 900 Afroamerican               | 931 | Albertan                   |
|     | 900 Afro                       | 931 | British Canadian           |
|     | 902 African American           | 931 | British Columbia           |
|     | 902 African Amer               | 931 | British Columbian          |
|     | 903 Black                      | 931 | Canada                     |
|     | 904 Negro                      | 931 | English Canadian           |
|     | 905 Nonwhite                   | 931 | Labrador                   |
|     | 906 Colored                    | 931 | Labradorean                |
|     | 906 Bilalian                   | 931 | Labradorian                |
|     | 906 Nigritian                  | 931 | Manitoba                   |
|     | 907 Creole                     | 931 | Manitoban                  |
|     | 908 Mulatto                    | 931 | New Brunswick              |
| 913 | <b>C A INDIAN</b>              | 931 | Ontarian                   |
|     |                                | 931 | Ontario                    |

931	Prince Edward Islander	952	Illinoisan
931	Saskatchewan	953	Indiana
931	Yukon	953	Indianan
931	Yukoner	954	Iowa
933	Newfoundland	955	Kansas
934	Nova Scotian	955	Kansas
934	Nova Scotia	956	Kentucky
		957	Louisiana
935	FRENCH CANADIAN	958	Maine
935	Canadien	959	Maryland
935	Franco American	959	Marylander
935	Quebec	960	Massachusetts
935	Quebecois	961	Michigan
		961	Michigander
936	ACADIAN	962	Minnesota
936	Acadia	962	Minnesotan
937	Cajun	963	Mississippi
		963	Mississippian
939	AMERICAN	964	Missouri
939	America	964	Missourian
939	Americans	965	Montana
		965	Monranan
940	UNITED STATES	966	Nebraska
940	U S	966	Nebraskan
940	U S A	967	Nevada
940	Unites States of America	967	Nevadan
940	US	968	New Hampshire
940	USA	969	New Jersey
941	Alabama	969	New Jerseyite
941	Alabaman	970	New Mexican
941	Albamian	970	New Mexico
942	Alaska	971	New York
942	Alaskan	971	New Yorker
943	Arizona	972	North Carolina
943	Arizonan	972	North Carolinian
943	Arizonian	973	North Dakota
944	Arkansan	973	North Dakotan
944	Arkansas	974	Ohio
945	California	974	Ohioan
945	Californian	976	Oklahoma
946	Coloradan	976	Oklahoman
946	Colorado	977	Oregon
947	Connecticut	977	Oregonian
948	D C	978	Pennsylvania
948	DC	979	Rhode Island
948	District of Columbia	979	Rhode Islander
948	Washington DC	980	South Carolina
949	Delaware	980	South Carolinian
950	Florida	981	South Dakota
950	Floridian	981	South Dakotan
951	Idaho	982	Tennessean
952	Illinois	982	Tennessee

983 Texan  
 983 Texas  
 984 Utah  
 985 Vermont  
 985 Vermonter  
 986 Virginia  
 986 Virginian  
 987 Washington  
 987 Washingtonian  
 988 West Virginia  
 988 West Virginian  
 989 Wisconsin  
 990 Wyoming  
 991 Georgia  
 991 Georgian  
 993 Southerner  
  
 994 NORTH AMERICAN  
 994 North America  
  
 959-999 RESIDUAL AND NO RESPONSE  
  
 995 MIXTURE  
 995 Bi Racial  
 995 Biracial  
 995 Combination  
 995 Everything  
 995 Heinz 57  
 995 Homo Sapien  
 995 Human Being  
 995 Many  
 995 Mixed  
 995 Multi National  
 995 Multiple  
 995 Several  
 995 Various  
  
 996 UNCODABLE ENTRIES  
 996 Adopted  
 996 Do Not Know  
 996 Dont Know  
 996 Gery  
 996 Kuttuse  
 996 None  
 996 Pig Latin  
 996 Refused  
 996 Roc  
 996 Tianglap  
 996 Tobian  
 996 Unknown  
 997 Deferred Cases

998 OTHER RESPONSES  
 998 Adventist  
 998 Agnostic  
 998 Apostolic  
 998 Ashkenazim  
 998 Ashkenazim Jew  
 998 Atheist  
 998 Bahai  
 998 Baptist  
 998 Black Muslim  
 998 Brethren  
 998 Buddhist  
 998 Catholic  
 998 Christian  
 998 Christian Scientist  
 998 Congregationalist  
 998 Episcopal  
 998 Evangelist  
 998 Hebrew  
 998 Holiness  
 998 Islam  
 998 Islamic  
 998 Jain  
 998 Jehovahs Witnesses  
 998 Jehovah's Witnesses  
 998 Jewish  
 998 Latter Day Saints  
 998 Lutheran  
 998 Methodist  
 998 Mormon  
 998 Moslem  
 998 Muslem  
 998 Muslim  
 998 Orthodox  
 998 Pentecostal  
 998 Presbyterian  
 998 Protestant  
 998 Quaker  
 998 Roman Catholic  
 998 Salvation Army  
 998 Sephardic  
 998 Sephardic Jew  
 998 Sephardim  
 998 Seventh Day Adventist  
 998 Shiite  
 998 Unitarian  
 998 Yiddish  
 998 Zoroastrian  
 999 NOT REPORTED

## 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	--	<b>A. College Quarters Off Campus</b> (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)
		<b>B. Correctional Institutions</b>
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	--	<b>C. Crews of Civilian Vessels</b>
		<b>D. Dormitories</b>
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."
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, firehouse 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.



GQ codes      Staff residents GQ codes

**G. Group Homes—Con.**

**4. Mentally Retarded**

- 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. Physically Handicapped**

- 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. Runaway, Neglected, and Homeless Children:** Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2.

- 79-N -- **7. Other Group Homes:** 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**

**1. Dormitories for Nurses and Interns in General and Military Hospitals**

86-N --

**2. Drug/Alcohol Abuse:** 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.

70-I 70-N

**3. Hospitals for Chronically Ill**

**a. Military hospitals or wards for chronically ill**

54-I 86-N

**b. Other hospitals or wards for chronically ill:** Including tuberculosis hospitals or wards, wards in general and Veterans' Administration hospitals for the chronically ill, neurological wards, hospices; wards for patients with Hansen's Disease (leprosy) and other incurable diseases; and other unspecified wards for the chronically ill. Do not include mental or alcohol/drug abuse hospitals or wards.

55-I 86-N

**4. Mentally Ill (Psychiatric):** Hospitals or wards, including wards for the criminally insane not operated by a prison and psychiatric wards of general hospitals and veterans' hospitals. This is a medical setting designed for the treatment of mental illness. Patients receive supervised and medical/nursing care from a formally trained staff. Code wards for the mentally retarded according to paragraph H5. Do not include hospitals or wards for alcohol/drug abuse; see paragraph H2.

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.)**

**H. Hospitals/Schools for the Handicapped—Con.**

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.

a. Institutions for the deaf

- 38-I    38-N            (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.)

53-I    86-N            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. *Long-Term Care* (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
- 02-I    02-N            (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.)

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.)

GQ codes	Staff residents GQ codes	
		<b>J. Juvenile Institutions: Including homes, schools, and hospitals—Con.</b>
		2. <i>Short-term</i> (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. <i>Don't Know Type of Juvenile Institution</i> : Including homes, schools, hospitals, or wards for children. (Use only as a last resort if no other type code applies.)
		<b>K. Military Quarters</b>
		1. <i>On Base</i>
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
98-N	--	2. <i>Military Ships</i>
90-N	--	<b>L. Natural Disaster</b> : Including those temporarily displaced by a natural disaster, such as "Hurricane Hugo."
89-N	--	<b>M. Religious Group Quarters</b> : 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	--	<b>N. Rooming and Boarding Houses</b> (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)
		<b>O. Schools for the Handicapped</b> : See paragraphs H5 and H6.
		<b>P. Shelter/Street Night Enumeration ("S-Night")</b> : See paragraph F.
94-N	--	<b>Q. Other Nonhousehold Living Situations</b> : 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.)
		<b>R. Staff of Institutions</b> : 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.

## HISPANIC ORIGIN

This section contains the code list used to code write-in entries for the Hispanic origin question. A set of three-digit numerical codes was used to identify FOSDIC circles for the Hispanic origin categories listed in the Hispanic origin item on the questionnaire. These codes and their respective Hispanic origin categories are: Not Spanish/Hispanic-001, Mexican-002, Puerto Rican-003, Cuban-004, and Other Spanish/Hispanic-005. For sample (long-form) questionnaires, a separate set of three-digit numerical codes was used to code write-in entries provided by respondents to the "Yes, other Spanish/Hispanic" category of the Hispanic origin item. The list of origins with their associated three-digit codes is shown below. "n.e.c." is the abbreviation for not elsewhere classified.

<b>000-001, 006-199</b>	<b>NOT SPANISH/HISPANIC</b>	<b>231-249</b>	<b>SOUTH AMERICAN</b>
000-001 006-199	Not Spanish/Hispanic (FOSDIC circle) Not Spanish/Hispanic	231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249	Argentinean Bolivian Chilean Colombian Ecuadorian Paraguayan Peruvian Uruguayan Venezuelan Reserve Spanish/Hispanic 6 Reserve Spanish/Hispanic 7 Reserve Spanish/Hispanic 8 Reserve Spanish/Hispanic 9 Reserve Spanish/Hispanic 10 Reserve Spanish/Hispanic 11 Reserve Spanish/Hispanic 12 South American Indian Criollo South American
<b>200-209</b>	<b>SPANIARD</b>	<b>250-260</b>	<b>LATIN AMERICAN</b>
200 201 202 203 204 205 206 207 208 209	Spaniard Andalusian Asturian Castillian Catalonian Balearic Islander Gallego Valencian Canarian Spanish Basque	250 251 252 253 254 255 256 257 258 259 260	Latin American Latin Latino Reserve Spanish/Hispanic 13 Reserve Spanish/Hispanic 14 Reserve Spanish/Hispanic 15 Reserve Spanish/Hispanic 16 Reserve Spanish/Hispanic 17 Reserve Spanish/Hispanic 18 Reserve Spanish/Hispanic 19 Reserve Spanish/Hispanic 20
<b>002, 210-220</b>	<b>MEXICAN</b>	<b>003, 261-270</b>	<b>PUERTO RICAN</b>
002 210 211 212 213 214 215 216 217 218 219 220	Mexican (FOSDIC circle) Mexican Mexican American Mexicano Chicano La Raza Mexican American Indian Reserve Spanish/Hispanic 1 Reserve Spanish/Hispanic 2 Mexico Reserve Spanish/Hispanic 3 Reserve Spanish/Hispanic 4	003 261 262 263 264 265 266 267 268	Puerto Rican (FOSDIC circle) Puerto Rican Reserve Spanish/Hispanic 21 Reserve Spanish/Hispanic 22 Reserve Spanish/Hispanic 23 Reserve Spanish/Hispanic 24 Reserve Spanish/Hispanic 25 Reserve Spanish/Hispanic 26 Reserve Spanish/Hispanic 27
<b>221-230</b>	<b>CENTRAL AMERICAN</b>		
221 222 223 224 225 226 227 228 229 230	Costa Rican Guatemalan Honduran Nicaraguan Panamanian Salvadoran Central American Central American Indian Canal Zone Reserve Spanish/Hispanic 5		

**003, 261-270**    **PUERTO RICAN—Con.**  
 269            Reserve Spanish/Hispanic 28  
 270            Reserve Spanish/Hispanic 29

**004, 271-274**    **CUBAN**  
 004            Cuban (FOSDIC circle)  
 271            Cuban  
 272            Reserve Spanish/Hispanic 30  
 273            Reserve Spanish/Hispanic 31  
 274            Reserve Spanish/Hispanic 32

**275-289**        **DOMINICAN**  
 275            Dominican  
 276            Reserve Spanish/Hispanic 33  
 277            Reserve Spanish/Hispanic 34  
 278            Reserve Spanish/Hispanic 35  
 279            Reserve Spanish/Hispanic 36  
 280            Reserve Spanish/Hispanic 37  
 281            Reserve Spanish/Hispanic 38  
 282            Reserve Spanish/Hispanic 39  
 283            Reserve Spanish/Hispanic 40

**275-289**        **DOMINICAN—Con.**  
 284            Reserve Spanish/Hispanic 41  
 285            Reserve Spanish/Hispanic 42  
 286            Reserve Spanish/Hispanic 43  
 287            Reserve Spanish/Hispanic 44  
 288            Reserve Spanish/Hispanic 45  
 289            Reserve Spanish/Hispanic 46

**005, 290-999**    **OTHER SPANISH/HISPANIC**  
 005            Other Spanish/Hispanic (FOSDIC  
                   circle)  
 290            Hispanic  
 291            Spanish  
 292            Californio  
 293            Tejano  
 294            Nuevo Mexicano  
 295            Spanish American  
 296            Spanish American Indian  
 297            Meso American Indian  
 298            Mestizo  
 299-999        Other Spanish/Hispanic, n.e.c.

## 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.

1990  
Census  
code

### Industry category

#### AGRICULTURE, FORESTRY, AND FISHERIES

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

#### MINING

040 Metal mining (10)  
041 Coal mining (12)  
042 Oil and gas extraction (13)  
050 Nonmetallic mining and quarrying, except fuels (14)

060 CONSTRUCTION (15, 16, 17)

#### MANUFACTURING

##### Nondurable Goods

##### Food and kindred products

100 Meat products (201)  
101 Dairy products (202)  
102 Canned, frozen, and preserved fruits and vegetables (203)  
110 Grain mill products (204)  
111 Bakery products (205)  
112 Sugar and confectionery products (206)  
120 Beverage industries (208)  
121 Miscellaneous food preparations and kindred products (207,209)  
122 Not specified food industries  
130 Tobacco manufactures (21)

##### Textile mill products

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

##### Apparel and other finished textile products

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

1990 Census code	Industry category
	<b>MANUFACTURING—Con.</b>
	<b>Nondurable Goods—Con.</b>
	<b>Paper and allied products</b>
160	Pulp, paper, and paperboard mills (261-263)
161	Miscellaneous paper and pulp products (267)
162	Paperboard containers and boxes (265)
	<b>Printing, publishing, and allied industries</b>
171	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
	<b>Chemicals and allied products</b>
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
	<b>Petroleum and coal products</b>
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
	<b>Rubber and miscellaneous plastics products</b>
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-306)
212	Miscellaneous plastics products (308)
	<b>Leather and leather products</b>
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)
	<b>Durable Goods</b>
	<b>Lumber and wood products, except furniture</b>
230	Logging (241)
231	Sawmills, planing mills, and millwork (242, 243)
232	Wood buildings and mobile homes (245)
241	Miscellaneous wood products (244, 249)
242	Furniture and fixtures (25)
	<b>Stone, clay, glass, and concrete products</b>
250	Glass and glass products (321-323)
251	Cement, concrete, gypsum, and plaster products (324,327)
252	Structural clay products (325)
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328, 329)
	<b>Metal industries</b>
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355,3363,3365)

1990  
Census  
code

Industry category

**MANUFACTURING—Con.**

**Durable Goods—Con.**

280 Other primary metal industries (3331, 3339, part 334, 3351,3356, 3357, 3364, 3366, 3369, 339)  
281 Cutlery, handtools, and general hardware (342)  
282 Fabricated structural metal products (344)  
290 Screw machine products (345)  
291 Metal forgings and stampings (346)  
292 Ordnance (348)  
300 Miscellaneous fabricated metal products (341, 343, 347, 349)  
301 Not specified metal industries

**Machinery and computing equipment**

310 Engines and turbines (351)  
311 Farm machinery and equipment (352)  
312 Construction and material handling machines (353)  
320 Metalworking machinery (354)  
321 Office and accounting machines (3578, 3579)  
322 Computers and related equipment (3571-3577)  
331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)  
332 Not specified machinery

**Electrical machinery, equipment, and supplies**

340 Household appliances (363)  
341 Radio, TV, and communication equipment (365, 366)  
342 Electrical machinery, equipment, and supplies, n.e.c. (361,362, 364, 367, 369)  
350 Not specified electrical machinery, equipment, and supplies

**Transportation equipment**

351 Motor vehicles and motor vehicle equipment (371)  
352 Aircraft and parts (372)  
360 Ship and boat building and repairing (373)  
361 Railroad locomotives and equipment (374)  
362 Guided missiles, space vehicles, and parts (376)  
370 Cycles and miscellaneous transportation equipment (375, 379)

**Professional and photographic equipment, and watches**

371 Scientific and controlling instruments (381, 382 exc. 3827)  
372 Medical, dental, and optical instruments and supplies (3827,384, 385)  
380 Photographic equipment and supplies (386)  
381 Watches, clocks, and clockwork operated devices (387)  
390 Toys, amusement, and sporting goods (394)  
391 Miscellaneous manufacturing industries (39 exc. 394)  
392 Not specified manufacturing industries

**TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES**

**Transportation**

400 Railroads (40)  
401 Bus service and urban transit (41, except 412)  
402 Taxicab service (412)  
410 Trucking service (421, 423)  
411 Warehousing and storage (422)

1990  
Census  
code

Industry category

**TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES—Con.**

412 U.S. Postal Service (43)  
420 Water transportation (44)  
421 Air transportation (45)  
422 Pipe lines, except natural gas (46)  
432 Services incidental to transportation (47)

**Communications**

440 Radio and television broadcasting and cable (483, 484)  
441 Telephone communications (481)  
442 Telegraph and miscellaneous communications services (482, 489)

**Utilities and sanitary services**

450 Electric light and power (491)  
451 Gas and steam supply systems (492, 496)  
452 Electric and gas, and other combinations (493)  
470 Water supply and irrigation (494, 497)  
471 Sanitary services (495)  
472 Not specified utilities

**WHOLESALE TRADE**

**Durable Goods**

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

**Nondurable Goods**

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

**RETAIL TRADE**

580 Lumber and building material retailing (521, 523)  
581 Hardware stores (525)  
582 Retail nurseries and garden stores (526)  
590 Mobile home dealers (527)  
591 Department stores (531)

1990  
Census  
code

Industry category

**RETAIL TRADE—Con.**

592 Variety stores (533)  
600 Miscellaneous general merchandise stores (539)  
601 Grocery stores (541)  
602 Dairy products stores (545)  
610 Retail bakeries (546)  
611 Food stores, n.e.c. (542, 543, 544, 549)  
612 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 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 Radio, TV, and computer stores (5731, 5734)  
640 Music stores (5735, 5736)  
641 Eating and drinking places (58)  
642 Drug stores (591)  
650 Liquor stores (592)  
651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)  
652 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 Catalog and mail order houses (5961)  
670 Vending machine operators (5962)  
671 Direct selling establishments (5963)  
672 Fuel dealers (598)  
681 Retail florists (5992)  
682 Miscellaneous retail stores (593, 5948, 5993-5995, 5999)  
691 Not specified retail trade

**FINANCE, INSURANCE, AND REAL ESTATE**

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

**BUSINESS AND REPAIR SERVICES**

721 Advertising (731)  
722 Services to dwellings and other buildings (734)  
731 Personnel supply services (736)  
732 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 Automotive rental and leasing, without drivers (751)  
750 Automobile parking and carwashes (752, 7542)  
751 Automotive repair and related services (753, 7549)

1990  
Census  
code

Industry category

**BUSINESS AND REPAIR SERVICES—Con.**

752 Electrical repair shops (762, 7694)  
760 Miscellaneous repair services (763, 764, 7692, 7699)

**PERSONAL SERVICES**

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

**ENTERTAINMENT AND RECREATION SERVICES**

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

**PROFESSIONAL AND RELATED SERVICES**

812 Offices and clinics of physicians (801, 803)  
820 Offices and clinics of dentists (802)  
821 Offices and clinics of chiropractors (8041)  
822 Offices and clinics of optometrists (8042)  
830 Offices and clinics of health practitioners, n.e.c. (8043, 8049)  
831 Hospitals (806)  
832 Nursing and personal care facilities (805)  
840 Health services, n.e.c. (807, 808, 809)  
841 Legal services (81)  
842 Elementary and secondary schools (821)  
850 Colleges and universities (822)  
851 Vocational schools (824)  
852 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 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 Labor unions (863)  
880 Religious organizations (866)  
881 Membership organizations, n.e.c. (861, 862, 864, 865, 869)  
882 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 Miscellaneous professional and related services (899)

1990  
Census  
code

Industry category

**PUBLIC ADMINISTRATION**

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

**ACTIVE DUTY MILITARY**

Armed Forces

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

**EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY**

992 Last worked 1984 or earlier

**LANGUAGE**

This section contains the code list of languages other than English spoken at home. Each entry was given a three-digit code. If more than one language was reported, only the first language reported was coded. The languages were coded originally into nearly 400 different language categories. The following list contains the principal name for each code. Since many languages and language groups are known by several names, additional illustrative names are shown for some languages. A complete list of all reported language names and categories into which they were coded may be obtained from the Census Bureau at the cost of reproduction.

000-600	NOT IN UNIVERSE	632	RHAETO-ROMANIC
601	JAMAICAN CREOLE	632	Romansch
602	KRIO		
603	HAWAIIAN PIDGIN	633	WELSH
604	PIDGIN	634	BRETON
605	GULLAH	635	IRISH GAELIC
606	SARAMACCA	636	SCOTTIC GAELIC
		637	GREEK
607	GERMAN	638	ALBANIAN
607	Austrian	639	RUSSIAN
607	Swiss	640	BIELORUSSIAN
		641	UKRAINIAN
608	PENNSYLVANIA DUTCH	642	CZECH
609	YIDDISH	643	KASHUBIAN
610	DUTCH	644	LUSATIAN
610	Flemish	644	Sorbian
		644	Wendish
611	AFRIKAANS		
612	FRISIAN	645	POLISH
613	LUXEMBOURGIAN	646	SLOVAK
614	SWEDISH	647	BULGARIAN
615	DANISH	648	MACEDONIAN
616	NORWEGIAN		
617	ICELANDIC	649	SERBOCROATIAN
618	FAROESE	649	Slavic
619	ITALIAN	649	Yugoslav
620	FRENCH	650	CROATIAN
620	Walloon	651	SERBIAN
		652	SLOVENE
621	PROVENCAL	653	LITHUANIAN
622	PATOIS	654	LETTISH
		655	ARMENIAN
623	FRENCH CREOLE		
623	Haitian Creole	656	PERSIAN
		656	Farsi
624	CAJUN	656	Pushto
625	SPANISH		
626	CATALONIAN	657	PASHTO
627	LADINO	657	Afghan
628	PACHUCO		
629	PORTUGUESE	658	KURDISH
630	PAPIA MENTAE	659	BALOCHI
631	RUMANIAN	660	TADZHIK
		661	OSSETE

662	SANSKRIT	696	Georgian
663	HINDI AND RELATED	697	BASQUE
663	Hindi	698	DRAVIDIAN
663	India	699	BRAHUI
663	Urdu	700	GONDI
664	BENGALI	701	TELUGU
665	PANJABI	702	KANNADA
666	MARATHI	703	MALAYALAM
667	GUJARATHI	704	TAMIL
668	BIHARI	705	KURUKH
669	RAJASTHANI	706	MUNDA
670	ORIYA	707	BURUSHASKI
671	BHILI	708	CHINESE
672	ASSAMESE	708	Cantonese
673	KASHMIRI	708	Yuch
674	NEPALI	708	Min
675	SINDHI		
676	MALDIVIAN	709	HAKKA
677	SINHALESE	709	Fukien
678	ROMANY	709	K'echia
679	FINNISH		
680	ESTONIAN	710	KAN
681	LAPP	710	Nan Chang
682	HUNGARIAN		
683	OTHER URALIC LANGUAGES	711	HSIANG
683	Cheremis	711	Hunan
683	Mordvin	712	MANDARIN
683	Samoyed	712	Honan
683	Ugric	712	Hopei
683	Yenisei	712	Pei
684	CHUVASH	713	FUCHOW
685	KARAKALPAK	713	Min Pei
686	KAZAKH		
687	KIRGHIZ	714	FORMOSAN
		714	Min Nan
688	KARACHAY		
688	Tatar	715	WU
		716	TIBETAN
689	UIGHUR		
689	Uzbek	717	BURMESE
		717	Tonkin
690	AZERBAIJANI		
691	TURKISH	718	KAREN
692	TURKMEN	719	KACHIN
693	YAKUT		
694	MONGOLIAN	720	THAI
695	TUNGUS	720	Kam
		720	Lao
696	CAUCASIAN	720	Laotian
696	Avar	720	Tung

721	MIAO-YAO	758	NAURUAN
722	MIAO	759	PALAU
722	Hmong	760	PONAPEAN
723	JAPANESE	761	TRUKESE
724	KOREAN	762	ULITHEAN
725	AINU	763	WOLEAI-ULITHI
726	MON-KHMER	763	Eauripik
726	Cambodian	763	Ifaluk
726	Khmer	764	YAPESE
726	Mon	765	INDO-PACIFIC LANGUAGES, not elsewhere classified
727	SIBERIAN LANGUAGES, not elsewhere classified	765	Melanesian
728	VIETNAMESE	766	POLYNESIAN
729	MUONG	767	SAMOAN
730	BUGINESE	768	TONGAN
731	MOLUCCAN	769	NIUEAN
732	INDONESIAN	770	TOKELAUAN
733	ACHINESE	771	FIJIAN
734	BALINESE	772	MARQUESAN
735	CHAM	773	RAROTONGAN
736	JAVANESE	774	MAORI
737	MADURESE	775	NUKUORO
738	MALAGASY	776	HAWAIIAN
739	MALAY	777	ARABIC
740	MINANGKABAU	778	HEBREW
741	SUNDANESE	779	SYRIAC
742	TAGALOG	779	Aramaic
742	Filipino	779	Assyrian
743	BISAYAN	779	Chaldean
743	Ilongo	780	AMHARIC
744	SEBUANO	780	Tigre
745	PANGASINAN	781	BERBER
746	ILOCANO	782	CHADIC
746	Igorot	782	Hamitic
747	BIKOL	782	Hausa
748	PAMPANGAN	783	CUSHITE
749	GORONTALO	783	Beja
750	MICRONESIAN	783	Somali
751	CAROLINIAN	784	SUDANIC
752	CHAMORRO	784	Dinka
753	GILBERTESE	784	Gambai
754	KUSAIEAN	784	Sudanese
755	MARSHALLESE	785	NILOTIC
756	MOKILESE		
757	MORTLOCKESE		

785	Acholi	801	PACIFIC GULF YUPIK
785	Luo	801	Pacific Eskimo
785	Nuer		
		802	ESKIMO
786	NILO-HAMITIC		
786	Bari	803	INUPIK
786	Masai	803	Inuit
787	NUBIAN	804	SAINT LAWRENCE ISLAND YUPIK
788	SAHARAN	805	YUPIK
		806	ALGONQUIAN
789	NILO-SAHARAN	807	ARAPAHO
789	Fur		
789	Songhai	808	ATSINA
		808	Gros Ventre
790	KHOISAN		
790	Bushman	809	BLACKFOOT
		810	CHEYENNE
791	SWAHILI	811	CREE
792	BANTU	812	DELAWARE
792	Bembe	812	Lenni-Lenape
792	Botswana		
792	Chaga	813	FOX
792	Fan	813	Sac
792	Kikuyu	814	KICKAPOO
792	Kongo	815	MENOMINI
792	Luganda		
792	Naebele	816	FRENCH CREE
792	Xhosa	816	Metis
792	Zulu		
		817	MIAMI
793	MANDE	818	MICMAC
793	Kpelle		
793	Mandingo	819	OJIBWA
		819	Chippewa
794	FULANI		
		820	OTTAWA
795	GUR		
795	Dagomba	821	PASSAMAQUODDY
		821	Malecite
796	KRU		
796	Damomeen	822	PENOBSCOT
796	Egbo	823	ABNAKI
796	Ibo	824	POTAWATOMI
796	Nigerian	825	SHAWNEE
796	Yoruba	826	WIYOT
		827	YUROK
797	EFIK	828	KUTENAI
797	Ibibio	829	MAKAH
798	MBUM AND RELATED	830	KWAKIUTL
799	AFRICAN, not further specified	830	Quileute
800	ALEUT		

831-832	<b>NOOTKA</b>	857	<b>Tetlin</b>
833	<b>LOWER CHEHALIS</b>	858	<b>TUTCHONE</b>
834	<b>UPPER CHEHALIS</b>	859	<b>CHASTA COSTA</b>
834	<b>Chehalis</b>	859	<b>Chetco</b>
834	<b>Satsop</b>	859	<b>Coquille</b>
835	<b>CLALLAM</b>	859	<b>Smith River Athapaskan</b>
836	<b>COEUR D'ALENE</b>	860	<b>HUPA</b>
836	<b>Skitsamish</b>	861	<b>OTHER ATHAPASCAN-EYAK</b>
837	<b>COLUMBIA</b>		<b>LANGUAGES</b>
837	<b>Chelan</b>	861	<b>Cahto</b>
837	<b>Wenatchee</b>	861	<b>Mattole</b>
838	<b>COWLITZ</b>	861	<b>Wailaki</b>
839	<b>SALISH</b>	862	<b>APACHE</b>
839	<b>Flathead</b>	863	<b>KIOWA</b>
840	<b>NOOTSACK</b>	864	<b>NAVAHO</b>
841	<b>OKANOOGAN</b>	865	<b>EYAK</b>
842	<b>PUGET SOUND SALISH</b>	866	<b>TLINGIT</b>
842	<b>Duwamish</b>	866	<b>Chilkat</b>
842	<b>Nisqualli</b>	866	<b>Sitka</b>
842	<b>Puyallup</b>	866	<b>Tongass</b>
842	<b>Skagit</b>	866	<b>Yakutat</b>
842	<b>Snohomish</b>	867	<b>MOUNTAIN MAIDU</b>
842	<b>Suquamish</b>	867	<b>Maidu</b>
843	<b>QUINAULT</b>	868	<b>NORTHWEST MAIDU</b>
843	<b>Queets</b>	868	<b>Concow</b>
844	<b>TILLAMOOK</b>	869	<b>SOUTHERN MAIDU</b>
845	<b>TWANA</b>	869	<b>Nisenan</b>
846	<b>HAIDA</b>	870	<b>COAST MIWOK</b>
847	<b>ATHAPASCAN</b>	870	<b>Bodega</b>
848	<b>AHTENA</b>	870	<b>Marin</b>
849	<b>HAN</b>	871	<b>PLAINS MIWOK</b>
850	<b>INGALIT</b>	872	<b>SIERRA MIWOK</b>
851	<b>KOYUKON</b>	872	<b>Miwok</b>
852	<b>KUCHIN</b>	873	<b>NOMLAKI</b>
853	<b>UPPER KUSKOKWIM</b>	873	<b>Tehama</b>
854	<b>TANAINA</b>	874	<b>PATWIN</b>
855	<b>TANANA</b>	874	<b>Colouse</b>
855	<b>Minto</b>	874	<b>Suisun</b>
856	<b>TANACROSS</b>	875	<b>WINTUN</b>
857	<b>UPPER TANANA</b>	876	<b>FOOTHILL NORTH YOKUTS</b>
857	<b>Nabesna</b>		

877	TACHI		
878	SANTIAM	905	HIDATSA
878	Calapooya	906	MANDAN
878	Wapatu		
879	SIUSLAW	907	DAKOTA
879	Coos	907	Brule
879	Lower Umpqua	907	Lakota
			Oglala
			Sioux
880	KLAMATH	908	CHIWERE
880	Modoc	909	WINNEBAGO
881	NEZ PERCE	910	KANSA
		910	Kaw
882	SAHAPTIAN		
882	Celilo	911	OMAHA
882	Klikitat	912	OSAGE
882	Palouse	913	PONCA
882	Tenino		
882	Umatilla	914	QUAPAW
882	Warm Springs	914	Arkansas
882	Yakima		
		915	ALABAMA
883	UPPER CHINOOK		
883	Chinook	916	CHOCTAW
883	Clackamas	916	Chickasaw
883	Multnomah		
883	Wasco	917	MIKASUKI
883	Wishram		
		918	HICHITA
884	TSIMSHIAN	918	Apalachicola
885	ACHUMAWI		
886	ATSUGEWI	919	KOASATI
887	KAROK		
888	POMO	920	MUSKOGEE
889	SHASTAN	920	Creek
890	WASHO	920	Seminole
891	UP RIVER YUMAN	921	CHETEMACHA
892	COCOMARICOPA	922	YUKI
893	MOHAVE	923	WAPPO
894	YUMA	924	KERES
895	DIEGUENO	925	IROQUOIS
896	DELTA RIVER YUMAN	926	MOHAWK
897	UPLAND YUMAN	927	ONEIDA
898	HAVASUPAI	928	ONONDAGA
899	WALAPAI	929	CAYUGA
900	YAVAPAI	930	SENECA
901	CHUMASH	931	TUSCARORA
902	TONKAWA		
903	YUCHI	932	WYANDOT
		932	Huron
904	CROW		
904	Absaroke	933	CHEROKEE

934	ARIKARA	962	TEWA
935	CADDO	962	Hano
936	PAWNEE	962	Hopi-Tewa
937	WICHITA	962	San Ildefonso
938	COMANCHE	962	San Juan
		962	Santa Clara
939	MONO		
939	Owens Valley Paiute	963	TOWA
		964	ZUNI
940	PAIUTE	965	CHINOOK JARGON
		966	AMERICAN INDIAN
941	NORTHERN PAIUTE		
941	Bannock	967	MISUMALPAN
941	Num	967	Matagalpa
941	Snake	967	Miskito
		967	Sumu
942	SOUTHERN PAIUTE		
943	CHEMEHUEVI	968	MAYAN LANGUAGES
944	KAWAII SU	968	Cakchiquel
945	UTE	968	Chol
946	SHOSHONI	968	Guastec
947	PANAMINT	968	Guatemala
948	HOPI	968	Ixil
949	CAHUILLA	968	Kechi
950	CUPENO	968	Mam
951	LUISENO	968	Maya
952	SERRANO	968	Qucche
953	TUBATULABAL	968	Yucateca
954	PIMA	969	TARASCAN
954	Papago		
		970	MAPUCHE
955	YAQUI	970	Araucanian
		970	Chilote
956	AZTECAN		
956	Mexicano	971	OTO-MANGUEN
956	Nahua	971	Ixatec
		971	Mixtec
957-958	SONORAN, not elsewhere classified	971	Otomi
957	Cahita	971	Popoloc
957	Guasave	971	Zapoteca
957	Huichole		
957	Nayit	972	QUECHUA
957-958	Tarahumara	973	AYMARA
959	PICURIS	974	ARAWAKIAN
959	Northern Tiwa	974	Araua
959	Taos	974	Carib
		974	Guajiro
960	TIWA	974	Kitemoca
960	Isleta	974	Tatu
960	Ysleta		
		975	CHIBCHAN
961	SANDIA	975	Boruca

975	Cuna	979	SAN CARLOS
975	Guaymi	979	Cibecue
975	Ica	979	San Carlos
		979	San Carlos Apache
976	TUPI-GUARANI	979	White Mountain
976	Guajibo		
976	Guarani	980	KIOWA-APACHE
976	Siriono	981	KALISPEL
		982	SPOKANE
977	JICARILLA	983-998	LANGUAGE SPECIFIED, NOT LISTED
977	Lipan	999	NOT REPORTED
978	CHIRICAHUA		
978	Mescalero		

## OCCUPATION

The list presents the occupational classification developed for the 1990 Census of Population and Housing. There are 501 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.

In the Table (Matrix) Outlines and the Table (Matrix) Section, many occupation codes are presented as ranges; for example, legislators (001-003). In this appendix, the Occupation Code List includes single census occupation codes and comparable Standard Occupational Classification (SOC) code equivalents. Single census occupation codes in this appendix are equivalent to corresponding census code ranges in the Table (Matrix) Outlines and Table (Matrix) Section.

1990 Census code	Occupation category
<b>MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS</b>	
<b>Executive, Administrative, and Managerial Occupations</b>	
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	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	Funeral directors (pt 1359)
021	Managers, service organizations, n.e.c. (127, 1352, 1354, pt 1359)
022	Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)
<b>Management Related Occupations</b>	
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
033	Purchasing agents and buyers, n.e.c. (1449)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, except construction (1473)
037	Management related occupations, n.e.c. (149)
<b>Professional Specialty Occupations</b>	
<b>Engineers, Architects, and Surveyors</b>	
043	Architects (161)
<b>Engineers</b>	
044	Aerospace (1622)

1990  
Census  
code

Occupation category

**MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.**

**Professional Specialty Occupations—Con.**

045 Metallurgical and materials (1623)  
046 Mining (1624)  
047 Petroleum (1625)  
048 Chemical (1626)  
049 Nuclear (1627)  
053 Civil (1628)  
054 Agricultural (1632)  
055 Electrical and electronic (1633, 1636)  
056 Industrial (1634)  
057 Mechanical (1635)  
058 Marine and naval architects (1637)  
059 Engineers, n.e.c. (1639)  
063 Surveyors and mapping scientists (164)

**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)

**Natural Scientists**

069 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 Forestry and conservation scientists (1852)  
083 Medical scientists (1855)

**Health Diagnosing Occupations**

084 Physicians (261)  
085 Dentists (262)  
086 Veterinarians (27)  
087 Optometrists (281)  
088 Podiatrists (283)  
089 Health diagnosing practitioners, n.e.c. (289)

**Health Assessment and Treating Occupations**

095 Registered nurses (29)  
096 Pharmacists (301)  
097 Dietitians (302)

**Therapists**

098 Respiratory therapists (3031)  
099 Occupational therapists (3032)  
103 Physical therapists (3033)  
104 Speech therapists (3034)

1990  
Census  
code

Occupation category

**MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.**

**Professional Specialty Occupations—Con.**

105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)
<b>Teachers, Postsecondary</b>	
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
<b>Teachers, Except Postsecondary</b>	
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)
<b>Librarians, Archivists, and Curators</b>	
164	Librarians (251)
165	Archivists and curators (252)
<b>Social Scientists and Urban Planners</b>	
166	Economists (1912)
167	Psychologists (1915)

1990  
Census  
code

Occupation category

**MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS—Con.**

**Professional Specialty Occupations—Con.**

168 Sociologists (1916)  
169 Social scientists, n.e.c. (1913, 1914, 1919)  
173 Urban planners (192)

**Social, Recreation, and Religious Workers**

174 Social workers (2032)  
175 Recreation workers (2033)  
176 Clergy (2042)  
177 Religious workers, n.e.c. (2049)

**Lawyers and Judges**

178 Lawyers (211)  
179 Judges (212)

**Writers, Artists, Entertainers, and Athletes**

183 Authors (321)  
184 Technical writers (398)  
185 Designers (322)  
186 Musicians and composers (323)  
187 Actors and directors (324)  
188 Painters, sculptors, craft-artists, and artist printmakers (325)  
189 Photographers (326)  
193 Dancers (327)  
194 Artists, performers, and related workers, n.e.c. (328, 329)  
195 Editors and reporters (331)  
197 Public relations specialists (332)  
198 Announcers (333)  
199 Athletes (34)

**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS**

**Technicians and Related Support Occupations**

**Health Technologists and Technicians**

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

**Technologists and Technicians, Except Health**

**Engineering and Related Technologists and Technicians**

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

**Science Technicians**

223 Biological technicians (382)  
224 Chemical technicians (3831)

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Census  
code

Occupation category

**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.**

**Technicians and Related Support Occupations—Con.**

- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)
  
- Technicians; Except Health, Engineering, and Science
- 226 Airplane pilots and navigators (825)
- 227 Air traffic controllers (392)
- 228 Broadcast equipment operators (393)
- 229 Computer programmers (3971, 3972)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)

**Sales Occupations**

- 243 Supervisors and proprietors, sales occupations (40)

- 
- 254 Real estate sales occupations (4123)
  - 255 Securities and financial services sales occupations (4124)
  - 257 Sales occupations, other business services (4152)

**Sales Representatives, Commodities Except Retail**

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

**Sales Workers, Retail and Personal Services**

- 263 Sales workers, motor vehicles and boats (4342, 4344)
- 264 Sales workers, apparel (4346)
- 265 Sales workers, shoes (4351)
- 266 Sales workers, furniture and home furnishings (4348)
- 267 Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
- 268 Sales workers, hardware and building supplies (4353)
- 269 Sales workers, parts (4367)
- 274 Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
- 275 Sales counter clerks (4363)
- 276 Cashiers (4364)
- 277 Street and door-to-door sales workers (4366)
- 278 News vendors (4365)

**Sales Related Occupations**

- 283 Demonstrators, promoters and models, sales (445)
- 284 Auctioneers (447)
- 285 Sales support occupations, n.e.c. (444, 446, 449)

**Administrative Support Occupations, Including Clerical**

**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)

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Census  
code

Occupation category

**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.**

**Administrative Support Occupations, Including Clerical—Con.**

306 Chief communications operators (4523)  
307 Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)

**Computer Equipment Operators**

308 Computer operators (4612)  
309 Peripheral equipment operators (4613)

**Secretaries, Stenographers, and Typists**

313 Secretaries (4622)  
314 Stenographers (4623)  
315 Typists (4624)

**Information Clerks**

316 Interviewers (4642)  
317 Hotel clerks (4643)  
318 Transportation ticket and reservation agents (4644)  
319 Receptionists (4645)  
323 Information clerks, n.e.c. (4649)

**Records Processing Occupations, Except Financial**

325 Classified-ad clerks (4662)  
326 Correspondence clerks (4663)  
327 Order clerks (4664)  
328 Personnel clerks, except payroll and timekeeping (4692)  
329 Library clerks (4694)  
335 File clerks (4696)  
336 Records clerks (4699)

**Financial Records Processing Occupations**

337 Bookkeepers, accounting, and auditing clerks (4712)  
338 Payroll and timekeeping clerks (4713)  
339 Billing clerks (4715)  
343 Cost and rate clerks (4716)  
344 Billing, posting, and calculating machine operators (4718)

**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)

**Communications Equipment Operators**

348 Telephone operators (4732)  
353 Communications equipment operators, n.e.c. (4733, 4739)

**Mail and Message Distributing Occupations**

354 Postal clerks, exc. mail carriers (4742)  
355 Mail carriers, postal service (4743)  
356 Mail clerks, exc. postal service (4744)  
357 Messengers (4745)

1990  
Census  
code

Occupation category

**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS—Con.**

**Administrative Support Occupations, Including Clerical—Con.**

**Material Recording, Scheduling, and Distributing Clerks**

- 359 Dispatchers (4751)
- 363 Production coordinators (4752)
- 364 Traffic, shipping, and receiving clerks (4753)
- 365 Stock and inventory clerks (4754)
- 366 Meter readers (4755)
- 368 Weighers, measurers, checkers and samplers (4756, 4757)
- 373 Expeditors (4758)
- 374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)

**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)

**Miscellaneous Administrative Support Occupations**

- 379 General office clerks (463)
- 383 Bank tellers (4791)
- 384 Proofreaders (4792)
- 385 Data-entry keyers (4793)
- 386 Statistical clerks (4794)
- 387 Teachers' aides (4795)
- 389 Administrative support occupations, n.e.c. (4787, 4799)

**SERVICE OCCUPATIONS**

**Private Household Occupations**

- 403 Launderers and ironers (503)
- 404 Cooks, private household (504)
- 405 Housekeepers and butlers (505)
- 406 Child care workers, private household (506)
- 407 Private household cleaners and servants (502, 507, 509)

**Protective Service Occupations**

**Supervisors, Protective Service Occupations**

- 413 Supervisors, firefighting and fire prevention occupations (5111)
- 414 Supervisors, police and detectives (5112)
- 415 Supervisors, guards (5113)

**Firefighting and Fire Prevention Occupations**

- 416 Fire inspection and fire prevention occupations (5122)
- 417 Firefighting occupations (5123)

**Police and Detectives**

- 418 Police and detectives, public service (5132)
- 423 Sheriffs, bailiffs, and other law enforcement officers (5134)
- 424 Correctional institution officers (5133)

**Guards**

- 425 Crossing guards (5142)

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code

Occupation category

**SERVICE OCCUPATIONS—Con.**

**Protective Service Occupations—Con.**

426            Guards and police, exc. public service (5144)  
427            Protective service occupations, n.e.c. (5149)

**Service Occupations, Except Protective and Household**

**Food Preparation and Service Occupations**

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

**Health Service Occupations**

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

**Cleaning and Building Service Occupations, except Household**

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

**Personal Service Occupations**

456            Supervisors, personal service occupations (5251)  
457            Barbers (5252)  
458            Hairdressers and cosmetologists (5253)  
459            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 (pt 5264)  
467            Early childhood teacher's assistants (pt 5264)  
468            Child care workers, n.e.c. (pt 5264)  
469            Personal service occupations, n.e.c. (5258, 5269)

**FARMING, FORESTRY, AND FISHING OCCUPATIONS**

**Farm Operators and Managers**

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

**Other Agricultural and Related Occupations**

Farm Occupations, Except Managerial

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code

Occupation category

**FARMING, FORESTRY, AND FISHING OCCUPATIONS—Con.**

477 Supervisors, farm workers (5611)  
479 Farm workers (5612-5617)  
483 Marine life cultivation workers (5618)  
484 Nursery workers (5619)

**Related Agricultural Occupations**

485 Supervisors, related agricultural occupations (5621)  
486 Groundskeepers and gardeners, except farm (5622)  
487 Animal caretakers, except farm (5624)  
488 Graders and sorters, agricultural products (5625)  
489 Inspectors, agricultural products (5627)

**Forestry and Logging Occupations**

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

**Fishers, Hunters, and Trappers**

497 Captains and other officers, fishing vessels (pt 8241)  
498 Fishers (583)  
499 Hunters and trappers (584)

**PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS**

**Mechanics and Repairers**

503 Supervisors, mechanics and repairers (60)

**Mechanics and Repairers, Except Supervisors**

**Vehicle and Mobile Equipment Mechanics and Repairers**

505 Automobile mechanics (pt 6111)  
506 Automobile mechanic apprentices (pt 6111)  
507 Bus, truck, and stationary engine mechanics (6112)  
508 Aircraft engine mechanics (6113)  
509 Small engine repairers (6114)  
514 Automobile body and related repairers (6115)  
515 Aircraft mechanics, exc. engine (6116)  
516 Heavy equipment mechanics (6117)  
517 Farm equipment mechanics (6118)  
518 Industrial machinery repairers (613)  
519 Machinery maintenance occupations (614)

**Electrical and Electronic Equipment Repairers**

523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)  
525 Data processing equipment repairers (6154)  
526 Household appliance and power tool repairers (6156)  
527 Telephone line installers and repairers (6157)  
529 Telephone installers and repairers (6158)  
533 Miscellaneous electrical and electronic equipment repairers (6152, 6159)  
534 Heating, air conditioning, and refrigeration mechanics (616)

**Miscellaneous Mechanics and Repairers**

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

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Census  
code

Occupation category

**PRECISION PRODUCTION, CRAFT, AND  
REPAIR OCCUPATIONS—Con.**

536 Locksmiths and safe repairers (6173)  
538 Office machine repairers (6174)  
539 Mechanical controls and valve repairers (6175)  
543 Elevator installers and repairers (6176)  
544 Millwrights (6178)  
547 Specified mechanics and repairers, n.e.c. (6177, 6179)  
549 Not specified mechanics and repairers

**Construction Trades**

**Supervisors, Construction Occupations**

553 Supervisors; brickmasons, stonemasons, and tile setters (6312)  
554 Supervisors, carpenters and related workers (6313)  
555 Supervisors, electricians and power transmission installers (6314)  
556 Supervisors; painters, paperhangers, and plasterers (6315)  
557 Supervisors; plumbers, pipefitters, and steamfitters (6316)  
558 Supervisors, construction n.e.c. (6311, 6318)

**Construction Trades, Except Supervisors**

563 Brickmasons and stonemasons (pt 6412, pt 6413)  
564 Brickmason and stonemason apprentices (pt 6412, pt 6413)  
565 Tile setters, hard and soft (pt 6414, pt 6462)  
566 Carpet installers (pt 6462)  
567 Carpenters (pt 6422)  
569 Carpenter apprentices (pt 6422)  
573 Drywall installers (6424)  
575 Electricians (pt 6432)  
576 Electrician apprentices (pt 6432)  
577 Electrical power installers and repairers (6433)  
579 Painters, construction and maintenance (6442)  
583 Paperhangers (6443)  
584 Plasterers (6444)  
585 Plumbers, pipefitters, and steamfitters (pt 645)  
587 Plumber, pipefitter, and steamfitter apprentices (pt 645)  
588 Concrete and terrazzo finishers (6463)  
589 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 Construction trades, n.e.c. (6467, 6475, 6476, 6479)

**Extractive Occupations**

613 Supervisors, extractive occupations (632)  
614 Drillers, oil well (652)  
615 Explosives workers (653)  
616 Mining machine operators (654)  
617 Mining occupations, n.e.c. (656)

1990  
Census  
code

Occupation category

**PRECISION PRODUCTION, CRAFT, AND  
REPAIR OCCUPATIONS—Con.**

**Precision Production Occupations**

628 Supervisors, production occupations (67, 71)

**Precision Metal Working Occupations**

634 Tool and die makers (pt 6811)  
635 Tool and die maker apprentices (pt 6811)  
636 Precision assemblers, metal (6812)  
637 Machinists (pt 6813)  
639 Machinist apprentices (pt 6813)  
643 Boilermakers (6814)  
644 Precision grinders, filers, and tool sharpeners (6816)  
645 Patternmakers and model makers, metal (6817)  
646 Lay-out workers (6821)  
647 Precious stones and metals workers (Jewelers) (6822, 6866)  
649 Engravers, metal (6823)  
653 Sheet metal workers (pt 6824)  
654 Sheet metal worker apprentices (pt 6824)  
655 Miscellaneous precision metal workers (6829)

**Precision Woodworking Occupations**

656 Patternmakers and model makers, wood (6831)  
657 Cabinet makers and bench carpenters (6832)  
658 Furniture and wood finishers (6835)  
659 Miscellaneous precision woodworkers (6839)

**Precision Textile, Apparel, and Furnishings Machine Workers**

666 Dressmakers (pt 6852, pt 7752)  
667 Tailors (pt 6852)  
668 Upholsterers (6853)  
669 Shoe repairers (6854)  
674 Miscellaneous precision apparel and fabric workers (6856, 6859, pt 7752)

**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, pt 7477, pt 7677)  
678 Dental laboratory and medical appliance technicians (6865)  
679 Bookbinders (6844)  
683 Electrical and electronic equipment assemblers (6867)  
684 Miscellaneous precision workers, n.e.c. (6869)

**Precision Food Production Occupations**

686 Butchers and meat cutters (6871)  
687 Bakers (6872)  
688 Food batchmakers (6873, 6879)

**Precision Inspectors, Testers, and Related Workers**

689 Inspectors, testers, and graders (6881, 828)  
693 Adjusters and calibrators (6882)

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code

Occupation category

**PRECISION PRODUCTION, CRAFT, AND  
REPAIR OCCUPATIONS—Con.**

**Plant and System Operators**

- 694 Water and sewage treatment plant operators (691)
- 695 Power plant operators (pt 693)
- 696 Stationary engineers (pt 693, 7668)
- 699 Miscellaneous plant and system operators (692, 694, 695, 696)

**OPERATORS, FABRICATORS, AND LABORERS**

**Machine Operators, Assemblers, and Inspectors**

**Machine Operators and Tenders, Except Precision**

**Metalworking and Plastic Working Machine Operators**

- 703 Lathe and turning machine set-up operators (7312)
- 704 Lathe and turning machine operators (7512)
- 705 Milling and planing machine operators (7313, 7513)
- 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)
- 707 Rolling machine operators (7316, 7516)
- 708 Drilling and boring machine operators (7318, 7518)
- 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
- 713 Forging machine operators (7319, 7519)
- 714 Numerical control machine operators (7326)
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717 Fabricating machine operators, n.e.c. (7339, 7539)

**Metal and Plastic Processing Machine Operators**

- 719 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)

**Woodworking Machine Operators**

- 726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
- 727 Sawing machine operators (7433, 7633)
- 728 Shaping and joining machine operators (7435, 7635)
- 729 Nailing and tacking machine operators (7636)
- 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)

**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)

**Textile, Apparel, and Furnishings Machine Operators**

- 738 Winding and twisting machine operators (7451, 7651)
- 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
- 743 Textile cutting machine operators (7654)
- 744 Textile sewing machine operators (7655)
- 745 Shoe machine operators (7656)
- 747 Pressing machine operators (7657)
- 748 Laundering and dry cleaning machine operators (6855, 7658)
- 749 Miscellaneous textile machine operators (7459, 7659)

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code

Occupation category

**OPERATORS, FABRICATORS, AND LABORERS—Con.**

**Machine Operators, Assemblers, and Inspectors—Con.**

**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 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 Furnace, kiln, and oven operators, exc. food (7675)  
768 Crushing and grinding machine operators (pt 7477, pt 7677)  
769 Slicing and cutting machine operators (7478, 7678)  
773 Motion picture projectionists (pt 7479)  
774 Photographic process machine operators (6863, 6868, 7671)  
777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)  
779 Machine operators, not specified

**Fabricators, Assemblers, and Hand Working Occupations**

783 Welders and cutters (7332, 7532, 7714)  
784 Solderers and brazers (7333, 7533, 7717)  
785 Assemblers (772, 774)  
786 Hand cutting and trimming occupations (7753)  
787 Hand molding, casting, and forming occupations (7754, 7755)  
789 Hand painting, coating, and decorating occupations (7756)  
793 Hand engraving and printing occupations (7757)  
795 Miscellaneous hand working occupations (7758, 7759)

**Production Inspectors, Testers, Samplers, and Weighers**

796 Production inspectors, checkers, and examiners (782, 787)  
797 Production testers (783)  
798 Production samplers and weighers (784)  
799 Graders and sorters, exc. agricultural (785)

**Transportation and Material Moving Occupations**

**Motor Vehicle Operators**

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

**Transportation Occupations, Except Motor Vehicles**

**Rail Transportation Occupations**

823 Railroad conductors and yardmasters (8113)  
824 Locomotive operating occupations (8232)  
825 Railroad brake, signal, and switch operators (8233)

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Census  
code

Occupation category

**OPERATORS, FABRICATORS, AND LABORERS—Con.**

**Transportation and Material Moving Occupations—Con.**

826 Rail vehicle operators, n.e.c. (8239)

**Water Transportation Occupations**

828 Ship captains and mates, except fishing boats (pt 8241, 8242)

829 Sailors and deckhands (8243)

833 Marine engineers (8244)

834 Bridge, lock, and lighthouse tenders (8245)

**Material Moving Equipment Operators**

843 Supervisors, material moving equipment operators (812)

844 Operating engineers (8312)

845 Longshore equipment operators (8313)

848 Hoist and winch operators (8314)

849 Crane and tower operators (8315)

853 Excavating and loading machine operators (8316)

855 Grader, dozer, and scraper operators (8317)

856 Industrial truck and tractor equipment operators (8318)

859 Miscellaneous material moving equipment operators (8319)

864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)

865 Helpers, mechanics and repairers (863)

**Helpers, Construction and Extractive Occupations**

866 Helpers, construction trades (8641-8645, 8648)

867 Helpers, surveyor (8646)

868 Helpers, extractive occupations (865)

869 Construction laborers (871)

874 Production helpers (861, 862)

**Freight, Stock, and Material Handlers**

875 Garbage collectors (8722)

876 Stevedores (8723)

877 Stock handlers and baggers (8724)

878 Machine feeders and offbearers (8725)

883 Freight, stock, and material handlers, n.e.c. (8726)

885 Garage and service station related occupations (873)

887 Vehicle washers and equipment cleaners (875)

888 Hand packers and packagers (8761)

889 Laborers, except construction (8769)

**MILITARY OCCUPATIONS**

903 Commissioned Officers and Warrant Officers

904 Non-commissioned Officers and Other Enlisted Personnel

905 Military occupation, rank not specified

**EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION**

909 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.

<b>001-059</b>	<b>United States</b>	<b>001-059</b>	<b>United States—Con.</b>
001	Alabama	038	North Dakota
002-003	Alaska	039	Ohio
004	Arizona	040	Oklahoma
005	Arkansas	041	Oregon
006-007	California	042-043	Pennsylvania
008	Colorado	044	Rhode Island
009	Connecticut	045	South Carolina
010	Delaware	046	South Dakota
011	District of Columbia	047	Tennessee
012	Florida	048	Texas
013-014	Georgia	049	Utah
015	Hawaii	050	Vermont
016	Idaho	051-052	Virginia
017	Illinois	053	Washington
018	Indiana	054	West Virginia
019	Iowa	055	Wisconsin
020	Kansas	056-059	Wyoming
021	Kentucky		
022	Louisiana	<b>060-099</b>	<b>U.S. Outlying Areas and Puerto Rico</b>
023	Maine		
024	Maryland	060-065	American Samoa
025	Massachusetts	066	Guam
026	Michigan	067-068	Johnston Atoll
027	Minnesota	069-070	Northern Mariana Islands
028	Mississippi	071	Midway Islands
029	Missouri	072-075	Puerto Rico
030	Montana	076-077	Navassa Island
031	Nebraska	078	U.S. Virgin Islands
032	Nevada	079-080	Wake Island
033	New Hampshire	081-083	Baker Island
034	New Jersey	084-085	Howland Island
035	New Mexico	086-088	Jarvis Island
036	New York	089-094	Kingman Reef
037	North Carolina		

060-099	U.S. Outlying Areas and Puerto Rico—Con.	100-199	Europe—Con.
095	Palmyra Atoll	151	Lapland, not specified
096-099	U.S. territory, not specified	152	Northern Europe, not specified
		153	Southern Europe, not specified
100-199	Europe	154-179	Western Europe, not specified
100	Albania	180	Union of Soviet Socialist Republics (USSR)
101	Andorra	181	Baltic States, not specified
102	Austria	182	Estonia
103	Belgium	183	Latvia
104	Bulgaria	184-199	Lithuania
105	Czechoslovakia		
106	Denmark	200-299	Asia
107	Faroe Islands	200	Afghanistan
108	Finland	201	Bahrain
109	France	202	Bangladesh
110	Germany, not specified	203	Bhutan
111	West Germany	204	Brunei
112	West Berlin	205	Burma
113	East Berlin	206	Cambodia
114	East Germany	207	China
115	Gibraltar	208	Cyprus
116	Greece	209	Hong Kong
117	Hungary	210	India
118	Iceland	211	Indonesia
119	Ireland	212	Iran
120	Italy	213	Iraq
121	Jan Mayen	214	Israel
122	Liechtenstein	215	Japan
123	Luxembourg	216	Jordan
124	Malta	217	Korea, not specified
125	Monaco	218	South Korea
126	Netherlands	219	North Korea
127	Norway	220	Kuwait
128	Poland	221	Laos
129	Portugal	222	Lebanon
130	Azores Islands	223	Macau
131	Madeira Islands	224	Malaysia
132	Romania	225	Maldives
133	San Marino	226	Mongolia
134	Spain	227	Nepal
135	Svalbard	228	Oman
136	Sweden	229	Pakistan
137	Switzerland	230	Paracel Islands
138	United Kingdom, not specified	231	Philippines
139	England	232	Qatar
140	Scotland	233	Saudi Arabia
141	Wales	234	Singapore
142	Northern Ireland	235	Spratley Islands
143	Guernsey	236	Sri Lanka
144	Jersey	237	Syria
145	Isle of Man	238	Taiwan
146	Vatican City	239	Thailand
147	Yugoslavia	240	Turkey
148	Europe, not specified	241	United Arab Emirates
149	Central Europe, not specified	242	Vietnam
150	Eastern Europe, not specified	243	Yemen, People's Democratic Republic

<b>200-299</b>	<b>Asia—Con.</b>	<b>330-374</b>	<b>Caribbean—Con.</b>
244	Yemen Arab Republic	351	Trinidad and Tobago
245	Asia, not specified	352	Turks and Caicos Islands
246	Asia Minor, not specified	353	Caribbean, not specified
247	East Asia, not specified	354	Antilles, not specified
248	Gaza Strip	355	British West Indies, not specified
249	Indochina, not specified	356	Latin America, not specified
250	Iraq-Saudi Arabia Neutral Zone	357	Leeward Islands, not specified
251	Mesopotamia, not specified	358	West Indies, not specified
252	Middle East, not specified	359-374	Windward Islands, not specified
253	Palestine, not specified		
254	Persian Gulf States, not specified	<b>375-399</b>	<b>South America</b>
255	Southeast Asia, not specified	375	Argentina
256-299	West Bank	376	Bolivia
		377	Brazil
<b>300-399</b>	<b>America</b>	378	Chile
<b>300-309</b>	<b>North America</b>	379	Colombia
300	Bermuda	380	Ecuador
301	Canada	381	Falkland Islands
302	Greenland	382	French Guiana
303	St. Pierre and Miquelon	383	Guyana
304-309	North America, not specified	384	Paraguay
		385	Peru
<b>310-329</b>	<b>Central America</b>	386	Suriname
310	Belize	387	Uruguay
311	Costa Rica	388	Venezuela
312	El Salvador	389-399	South America, not specified
313	Guatemala		
314	Honduras	<b>400-499</b>	<b>Africa</b>
315	Mexico	400	Algeria
316	Nicaragua	401	Angola
317	Panama	402	Bassas da India
318-329	Central America, not specified	403	Benin
		404	Botswana
<b>330-374</b>	<b>Caribbean</b>	405	British Indian Ocean Territory
330	Anguilla	406	Burkina Faso
331	Antigua and Barbuda	407	Burundi
332	Aruba	408	Cameroon
333	Bahamas	409	Cape Verde
334	Barbados	410	Central African Republic
335	British Virgin Islands	411	Chad
336	Cayman Islands	412	Comoros
337	Cuba	413	Congo
338	Dominica	414	Djibouti
339	Dominican Republic	415	Egypt
340	Grenada	416	Equatorial Guinea
341	Guadeloupe	417	Ethiopia
342	Haiti	418	Europa Island
343	Jamaica	419	Gabon
344	Martinique	420	Gambia
345	Montserrat	421	Ghana
346	Netherlands Antilles	422	Glorioso Islands
347	St. Barthelemy	423	Guinea
348	St. Kitts-Nevis	424	Guinea-Bissau
349	St. Lucia	425	Ivory Coast
350	St. Vincent and the Grenadines	426	Juan de Nova Island
		427	Kenya

<b>400-499</b>	<b>Africa—Con.</b>	<b>400-499</b>	<b>Africa—Con.</b>
428	Lesotho	469	Western Africa, not specified
429	Liberia	470-499	Southern Africa, not specified
430	Libya		
431	Madagascar	<b>500-553</b>	<b>Oceania</b>
432	Malawi	500	Ashmore and Cartier Islands
433	Mali	501	Australia
434	Mauritania	502	Christmas Island, Indian Ocean
435	Mayotte	503	Clipperton Island
436	Morocco	504	Cocos Islands
437	Mozambique	505	Cook Islands
438	Namibia	506	Coral Sea Islands
439	Niger	507	Fiji
440	Nigeria	508	French Polynesia
441	Reunion	509	Kiribati
442	Rwanda	510	Marshall Islands
443	Sao Tome and Principe	511	Micronesia
444	Senegal	512	Nauru
445	Mauritius	513	New Caledonia
446	Seychelles	514	New Zealand
447	Sierra Leone	515	Niue
448	Somalia	516	Norfolk Island
449	South Africa	517	Palau
450	St. Helena	518	Papua New Guinea
451	Sudan	519	Pitcairn Islands
452	Swaziland	520	Solomon Islands
453	Tanzania	521	Tokelau
454	Togo	522	Tonga
455	Tromelin Island	523	Tuvalu
456	Tunisia	524	Vanuatu
457	Uganda	525	Wallis and Futuna Islands
458	Western Sahara	526	Western Samoa
459	Zaire	527	Oceania, not specified
460	Zambia	528	Polynesia, not specified
461	Zimbabwe	529-549	Melanesia, not specified
462	Africa, not specified	550	Antarctica
463	Central Africa, not specified	551	Bouvet Island
464	Eastern Africa, not specified	552	French Southern and Antarctic Lands
465	Equatorial Africa, not specified	553	Heard and McDonald Islands
466	French Equatorial Africa, not specified	<b>554-999</b>	<b>At Sea/Abroad, Not Specified</b>
467	French West Africa, not specified	554	At sea
468	North Africa, not specified	555-999	Abroad, not specified

**RACE**

This section contains the alphabetical code list for race and American Indian tribes. The list of race groups and American Indian tribes with their associated 3-digit numerical code was used to code the Asian or Pacific Islander, American Indian, Eskimo, or Aleut, and the Other race write-in entries. A separate set of 3-digit numerical codes were used to identify FOSDIC circles for the race categories listed in the race item on the questionnaire. These codes and their respective race categories are: White-971, Black or Negro-972, Indian (Amer.)-973, Eskimo-974, Aleut-975, Chinese-976, Filipino-977, Hawaiian-978, Korean-979, Vietnamese-980, Japanese-981, Asian Indian-982, Samoan-983, Guamanian-984, Other Asian or Pacific Islander-985, and Other race-986.

**000-599, 973 American Indian**

000-001	Ahtna
002	Biorka
003	Reserve American Indian 1
004-005	Bristol Bay
006	Chaneliak
007	Chugach
008	Tanaina
009	Doyon
010	Kodiak
011	Reserve American Indian 2
012	Sealaska
013	Umpqua
014	Alaskan Athabaskan
015	Alaska Native
016	Haida
017	Tlingit
018	Tsimshian
019	Alaska Indian
020	Chehalis
021	Chemakum
022	Klallam
023	Jamestown
024	Lower Elwha
025	Port Gamble Klallam
026	Coquilles
027	Cowlitz
028	Lummi
029	Nooksack
030	Puget Sound Salish
031	Duwamish
032	Kikiallus
033	Lower Skagit
034	Muckleshoot
035	Nisqually
036	Puyallup
037	Samish
038	Sauk-Suiattle
039	Upper Skagit
040	Skykomish
041	Snohomish
042	Snoqualmie
043	Squaxin Island

**000-599, 973 American Indian—Con.**

044	Steilacoom
045	Stillaguamish
046	Suquamish
047	Swinomish
048	Tulalip
049	Port Madison
050	Quinault
051	Quileute
052	Hoh
053	Makah
054	Talakamish
055	Chinook
056	Clatsop
057	Kathlamet
058	Columbia River Chinook
059	Upper Chinook
060	Wakiakum Chinook
061	Willapa Chinook
062	Alsea
063	Cayuse
064	Celilo
065	Coos
066	Kalapuya
067	Klamath
068	Molala
069	Oregon Athabaskan
070	Siuslaw
071	Takelma
072	Tenino
073	Tillamook
074	Tygh
075	Umatilla
076	Walla-Walla
077	Yahooskin
078	Yakima
079	Skokomish
080	Agua Caliente Cahuilla
081	Augustine
082	Cabazon
083	Cahto
084	Cahuilla
085	Campo
086	Capitan Grande
087	Chemehuevi

000-599, 973 American Indian—Con.

088	Chimariko
089	Chumash
090	Costanoan
091	Cupeno
092	Cuyapaibe
093	Dicgucno
094	Digger
095	Gabrieleno
096	Hoopa
097	Inaja Cosmit
098	Karok
099	Kawaiisu
100	La Jolla
101	Lassik
102	La Posta
103	Luiseno
104	Maidu
105	Manzanita
106	Mesa Grande
107	Mountain Maidu
108	Nishinam
109	Konkow
110	Mattole
111	Miwok
112	Coast Miwok
113	Modoc
114	Mono
115	Nomalaki
116	Pala
117	Pechanga
118	Pauma
119	Pit River
120	Pomo
121	Dry Creek
122	Northern Pomo
123	Kashaya
124	Central Pomo
125	Stonyford
126	Eastern Pomo
127	Sulphur Bank
128	Salinan
129	San Manual
130	San Pascual
131	Santa Rosa Cahuilla
132	Santa Ynez
133	Santa Ysabel
134	Serrano
135	Shasta
136	Soboba
137	Sycuan
138	Tolowa
139	Torres-Martinez

000-599, 973 American Indian—Con.

140	Kern River
141	Tule River
142	Twenty-Nine Palms
143	Wailaki
144	Wappo
145	Whilkut
146	Wintu
147	Wiyot
148	Yana
149	Yokuts
150	Tachi
151	Chukchansi
152	Yuki
153	Yurok
154	Reserve American Indian 3
155	Columbia
156	Kalispel
157	Salish
158	Coeur D'Alene
159	Colville
160	Spokane
161	Nez Perce
162	Washo
163	Alpine
164	Carson
165	Dresslerville
166	Stewart
167	Wishram
168	Hoopa Extension
169	Trinity
170	Ute
171	Allen Canyon
172	Uintah Ute
173	Ute Mountain Ute
174	Shoshone Paiute
175	Paiute
176	Northern Paiute
177	Cedarville
178	Pyramid Lake
179	Fort Bidwell
180	Las Vegas
181	Lovelock
182	Utu Utu Gwaitu Paiute
183	Fort Independence
184	Bridgeport
185	Burns Paiute
186	Yerington Paiute
187	Walker River
188	Southern Paiute
189	Kaibab
190	Moapa
191	Owens Valley
192	Summit Lake

000-599, 973 American Indian—Con.

193	Aroostook
194	Reserve American Indian 5
195	Shoshone
196	Battle Mountain
197	Duck Water
198	Elko
199	Ely
200	Goshute
201	Panamint
202	Ruby Valley
203	South Fork Shoshone
204	Washakie
205	Yomba
206	Te-Moak Western Shoshone
207	Bannock
208	Kootenai
209-210	Havasupai
211	Hualapai
212	Yavapai
213	Maricopa
214	Quechan
215	Cocopah
216	Mohave
217	Pima
218	Tohono O'Odham
219	Gila Bend
220	Ak-Chin
221	San Xavier
222	Sells
223	Yaqui
224	Pascua Yaqui
225	Barrio Libre
226	Mississippi Choctaw
227	Reserve American Indian 6
228	Jena Choctaw
229	Pueblo
230	Tigua
231	Taos
232	Picuris
233	Sandia
234	Isleta
235	Keres
236	Acoma
237	Cochiti
238	Laguna
239	San Felipe
240	Santa Ana
241	Santo Domingo
242	Zia
243	Tewa
244	Nambe
245	Pojoaque

000-599, 973 American Indian—Con.

246	San Ildefonso
247	San Juan Pueblo
248	Santa Clara
249	Tesuque
250	Arizona Tewa
251	Jemez
252	Hopi
253	Zuni
254	San Juan de
255	Apache
256	Oklahoma Apache
257	Jicarilla Apache
258	Lipan Apache
259	Mescalero Apache
260	Chiricahua
261	Fort Sill Apache
262	San Carlos Apache
263	Payson Apache
264	White Mountain Apache
265	Reserve American Indian 7
266	Reserve American Indian 8
267	Reserve American Indian 9
268	Reserve American Indian 10
269	Reserve American Indian 11
270	Reserve American Indian 12
271	Reserve American Indian 13
272	Reserve American Indian 14
273	Reserve American Indian 15
274	Reserve American Indian 16
275	Navajo
276	Kiowa
277	Tonkawa
278	Oklahoma Caddo
279	Arikara
280	Oklahoma Pawnee
281	Wichita
282	Sioux
283	Cheyenne River Sioux
284	Crow Creek Sioux
285	Devils Lake Sioux
286	Flandreau Santee
287	Fort Peck
288	Standing Rock Sioux
289	Lake Traverse Sioux
290	Lower Sioux
291	Pine Ridge Sioux
292	Pipestone Sioux
293	Prairie Island Sioux
294	Prior Lake
295	Rosebud Sioux
296	Upper Sioux
297	Sisseton-Wahpeton Sioux
298	Teton Sioux

000-599, 973 American Indian—Con.

299	Brule Sioux
300	Lower Brule Sioux
301	Sans Arc Sioux
302	Two Kettle Sioux
303	Blackfoot Sioux
304	Oglala Sioux
305	Miniconjou
306	Yanktonai Sioux
307	Yankton Sioux
308	Santee Sioux
309	Sisseton Sioux
310	Mdewakanton Sioux
311	Wahpekute Sioux
312	Wahpeton Sioux
313	Assiniboine
314	Iowa
315	Otoe-Missouria
316	Winnebago
317	Kaw
318	Omaha
319	Ponca
320	Osage
321	Quapaw
322	Crow
323	Hidatsa
324	Mandan
325	Comanche
326	Dakota Sioux
327	Wazhaza Sioux
328	Nebraska Winnebago
329	Wisconsin Winnebago
330	Chippewa
331	Bay Mills Chippewa
332	Sault Ste. Marie Chippewa
333	Saginaw Chippewa
334	Keweenaw
335	Lac Vieux Desert Chippewa
336	Ontonagon
337	Leelanau
338	Minnesota Chippewa
339	Boise Forte
340	Grand Portage
341	Fond Du Lac
342	Leech Lake
343	Mille Lac
344	White Earth
345	Red Lake Chippewa
346	Lake Superior
347	Bad River
348	Lac Courte Oreilles
349	Lac Du Flambeau
350	Red Cliff Chippewa

000-599, 973 American Indian—Con.

351	St. Croix Chippewa
352	Sokoagon Chippewa
353	Turtle Mountain
354	Rocky Boy's Cree
355	Burt Lake Chippewa
356	Burt Lake Band
357	Reserve American Indian 19
358	Reserve American Indian 20
359	Burt Lake Ottawa
360	Blackfoot
361	Cheyenne
362	Northern Cheyenne
363	Southern Cheyenne
364	Arapaho
365	Atsina
366	Menominee
367	Potawatomic
368	Citizen Band Potawatomi
369	Forcst County
370	Hannahville
371	Huron Potawatomi
372	Pogagon Potawatomi
373	Prairie Band
374	Wisconsin Potawatomi
375	Ottawa
376	Miami
377	Sac and Fox
378	Peoria
379	Sac and Fox-Mesquakie
380	Kickapoo
381	Shawnee
382	Algonquian
383	Micmac
384	Mailseet
385	Passamaquoddy
386	Pleasant Point Passamaquoddy
387	Indian Township
388	Penobscot
389	Abenaki
390	Wampanoag
391	Nipmuc
392	Narragansett
393	Pequot
394	Mohegan
395	Paugussett
396	Schaghticoke
397	Brotherton
398	Shinnecock
399	Stockbridge
400	Munsee
401	Delaware
402	Sand Hill

000-599, 973 American Indian—Con.

403 Absentee Shawnee  
 404 Clifton Choctaw  
 405 Iroquois  
 406 Seneca  
 407 Seneca Nation  
 408 Tonawanda Seneca  
 409 Seneca-Cayuga  
 410 Cayuga  
 411 Onondaga  
 412 Oncida  
 413 Mohawk  
 414 Tuscarora  
 415 Wyandotte  
 416 Cherokee  
 417 Eastern Cherokee  
 418 Western Cherokee  
 419 Etowah Cherokee  
 420 United Keetoowah Band  
 421 Tuscola  
 422 Northern Cherokee  
 423 Eastern Muskogee  
 424 Agua Caliente  
 425 Creek  
 426 Thlopthlocco  
 427 Yuchi  
 428 Hitchiti  
 429 Eastern Creek  
 430 Principal Creek Indian Nation  
 431 Poarch Band  
 432 Lower Muskogee  
 433 Alabama Coushatta  
 434 Choctaw  
 435 Houma  
 436 Chickasaw  
 437 Miccosukee  
 438 Seminole  
 439 Oklahoma Seminole  
 440 Florida Seminole  
 441 Big Cypress  
 442 Brighton  
 443 Hollywood Seminole  
 444 Natchez  
 445 Matinecock  
 446 Montauk  
 447 Poospatuck  
 448 Setauket  
 449 Tuckabachee  
 450 Nanticoke  
 451 Piscataway  
 452 Nansemond  
 453 Chickahominy  
 454 Pamunkey  
 455 Mattaponi

000-599, 973 American Indian—Con.

456 Rappahannock  
 457 Attacapa  
 458 Biloxi  
 459 Catawba  
 460 Chitimacha  
 461 Coharie  
 462 Croatan  
 463 Haliwa  
 464 Lumbee  
 465 Moor  
 466 Powhatan  
 467 Tunica  
 468 Wesort  
 469 Southeastern Indians  
 470 Cajun  
 471 Coushatta  
 472 Reserve American Indian 23  
 473 Reserve American Indian 24  
 474 Reserve American Indian 25  
 475 Reserve American Indian 26  
 476 Colorado River  
 477 Duck Valley  
 478 Fallon  
 479 Fort Belknap  
 480 Fort Berthold  
 481 Fort Hall  
 482 Fort McDermitt  
 483 Fort McDowell  
 484 Cow Creek Umpqua  
 485 Gila River  
 486 Grand Ronde  
 487 Los Coyotes  
 488 Mission Indians  
 489 Morongo  
 490 Reno-Sparks  
 491 Round Valley  
 492 Shoalwater  
 493 Siletz  
 494 Skull Valley  
 495 Susanville  
 496 Table Bluff  
 497 Wascopum  
 498 Wind River  
 499 Winnemucca  
 500 Yavapai Apache  
 501 Reserve American Indian 27  
 502 Gros Ventres  
 503 Scott Valley  
 504 Warm Springs  
 505 Santa Rosa  
 506 San Juan  
 507 Red Wood

**000-599, 973 American Indian—Con.**

508 Salish and Kootenai  
 509 Georgetown  
 510 Clear Lake  
 511 Yakima Cowlitz  
 512 Scotts Valley  
 513 Cheyenne-Arapaho  
 514 Northern Arapaho  
 515 Southern Arapaho  
 516 Mashpee Wampanoag  
 517 Gay Head Wampanoag  
 518 Timbi-Sha Shoshone  
 519 Juaneno  
 520 Oklahoma Choctaw  
 521 Oklahoma Modoc  
 522 Oklahoma Kiowa  
 523 Oklahoma Comanche  
 524 Oklahoma Iowa  
 525 Canadian Indian  
 526 Oklahoma Ponca  
 527 Oklahoma Ottawa  
 528 Oklahoma Miami  
 529 Oklahoma Peoria  
 530 Oklahoma Sac and Fox  
 531 Oklahoma Kickapoo  
 532 Oklahoma Delaware  
 533 Caddo  
 534 Pawnee  
 535 Michigan Ottawa  
 536 Indiana Miami  
 537 Missouri Sac and Fox  
 538 Eastern Shawnee  
 539 Cherokee Shawnee  
 540 Kialegcc  
 541 Alabama Quassarte  
 542 Malheur Paiute  
 543 Wenatchee  
 544 Little Shell Chippewa  
 545 Illinois  
 546 Rampough Mountain  
 547 Leni-Lenape  
 548 Amerind White  
 549 Amerind Black  
 550 Mexican American Indian  
 551 Central American Indian  
 552 South American Indian  
 553 French American Indian  
 554 Spanish American Indian  
 555 Cherokees of Southeast Alabama  
 556 Cherokees of Northeast Alabama  
 557 Echota Cherokee  
 558 MaChis Lower Creek Indian  
 559 MOWA Band of Choctaw

**000-599, 973 American Indian—Con.**

560 Star Clan of Muskogee Creeks  
 561 Eastern Delaware  
 562 Cherokee Alabama  
 563 Reserve American Indian 36  
 564 Reserve American Indian 37  
 565 Mexican Indian Cherokee  
 566 Eastern Chickahominy  
 567 Western Chickahominy  
 568 Waccamaw-Siouan  
 569 Nausu Waiwash  
 570 Pocomoke Acohonock  
 571 Susquehanock  
 572 Wicomico  
 573 Piro  
 574 Illinois Miami  
 575 Tunica Biloxi  
 576-597 American Indian  
 598 Tribal response, not elsewhere  
 classified  
 599 Reserve American Indian 38  
 973 American Indian (FOSDIC circle)

**600-699, 976-985 Asian or Pacific Islander**

**600-652, 976, 977, 979-982, 985 Asian**

600 Asian Indian  
 601 Bangladeshi  
 602 Bhutanese  
 603 Burmese  
 604 Cambodian (Kampuchean)  
 605 Chinese  
 606 Taiwanese  
 607 Formosan  
 608 Filipino  
 609 Hmong  
 610 Indonesian  
 611 Japanese  
 612 Korean  
 613 Laotian  
 614 Malayan  
 615 Okinawan  
 616 Pakistani  
 617 Sri Lankan  
 618 Thai  
 619 Vietnamese  
 620 Amerasian  
 621 Asian  
 622 Asiatic  
 623 Eurasian  
 624 Mongolian  
 625 Oriental

**600-652, 976, 977, 979-982, 985 Asian—Con.**

626	Whello
627	Yellow
628	Borneo
629	Celebesian
630	Ceram
631	Indo-Chinese
632	Iwo Jiman
633	Javanese
634	Maldivian
635	Nepali
636	Sikkim
637	Singaporean
638	Sumatran
639	Madagascar
640	Reserve Asian 2
641	Reserve Asian 3
642	Reserve Asian 4
643	Reserve Asian 5
644	Reserve Asian 6
645	Reserve Asian 7
646	Reserve Asian 8
647	Reserve Asian 9
648	Reserve Asian 10
649	Reserve Asian 11
650	Reserve Asian 12
651	Reserve Asian 13
652	Reserve Asian 14
976	Chinese (FOSDIC circle)
977	Filipino (FOSDIC circle)
979	Korean (FOSDIC circle)
980	Vietnamese (FOSDIC circle)
981	Japanese (FOSDIC circle)
982	Asian Indian (FOSDIC circle)
985	Other Asian or Pacific Islander (FOSDIC circle)

**653-699, 978, 983, 984 Pacific Islander****653-659, 978, 983 Polynesian**

653	Hawaiian
654	Part Hawaiian
655	Samoa
656	Tahitian
657	Tongan
658	Polynesian
659	Tokelauan
978	Hawaiian (FOSDIC circle)
983	Samoa (FOSDIC circle)

**660-675, 984 Micronesian**

660	Guamanian
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**660-675, 984 Micronesian—Con.**

661	Mariana Islander
662	Marshallese
663	Palauan
664	Bikinian
665	Carolinian
666	Eniwetok
667	Kosraean
668	Kwajalein
669	Micronesian
670	Ponapean (Pohnpeian)
671	Saipanese
672	Tarawa Islander
673	Tinian
674	Trukese (Chuukese)
675	Yapese
984	Guamanian (FOSDIC circle)

**676-680 Melanesian**

676	Fijian
677	Melanesian
678	Papua New Guinean
679	Solomon Islander
680	New Hebrides

**681-699 Other Pacific Islander**

681	Pacific Islander
682	Reserve Pacific Islander 1
683	Reserve Pacific Islander 2
684	Reserve Pacific Islander 3
685	Reserve Pacific Islander 4
686	Reserve Pacific Islander 5
687	Reserve Pacific Islander 6
688	Reserve Pacific Islander 7
689	Reserve Pacific Islander 8
690	Reserve Pacific Islander 9
691	Reserve Pacific Islander 10
692	Reserve Pacific Islander 11
693	Reserve Pacific Islander 12
694	Reserve Pacific Islander 13
695	Reserve Pacific Islander 14
696	Asian or Pacific Islander
697	Reserve Asian or Pacific Islander 1
698	Reserve Asian or Pacific Islander 2
699	Reserve Asian or Pacific Islander 3

**700-799, 986, 987-999 Other Race****700-748 Hispanic Origin**

700	Argentinian
701	Bolivian

**700-748 Hispanic Origin—Con.**

702	Boricua
703	Californio
704	Central American
705	Chicano
706	Chilean
707	Colombian
708	Costa Rican
709	Cuban
710	Dominican
711	Ecuadorian (Ecuadorian)
712	Salvadoran
713-714	Galapagos
715	Guajiro
716	Guatemalan
717	Hispanic
718	Honduran
719	La Raza
720	Latin American
721	Mestizo
722	Mexican
723	Nicaraguan
724	Panamanian
725	Paraguayo
726	Peruvian
727	Puerto Rican
728	Morena
729	South American
730	Spanish
731	Spanish-American
732	Spanish-Mexican
733	Sudamericano
734	Uruguayan
735	Venezuelan
736	Reserve Hispanic 2
737	Reserve Hispanic 3
738	Reserve Hispanic 4
739	Reserve Hispanic 5
740	Reserve Hispanic 6
741	Reserve Hispanic 7
742	Reserve Hispanic 8
743	Reserve Hispanic 9
744	Reserve Hispanic 10
745	Reserve Hispanic 11
746	Reserve Hispanic 12
747	Reserve Hispanic 13
748	Reserve Hispanic 14

**749-799, 986, 987-999 Not of Hispanic Origin**

749-750	Brava
751	Brazil
752	Brown
753	Bushwacker

**749-799, 986, 987-999 Not of Hispanic Origin—Con.**

754	Cajun
755	Cape Verdean
756	Chocolate
757	Coe Clan
758	Coffee
759	Cosmopolitan
760	Issues
761	Jackson White
762	Lapp
763	Melungeon
764	Mixed
765	Ramp
766	Tunica
767	Wesort
768	Mulatto
769	Moor
770	Biracial/Interracial
771	Creole
772	Indian
773	Turk
774	Half-Breed
775	Rainbow
776	Octoroon
777	Quadroon
778	Reserve Non-Hispanic 3
779	Reserve Non-Hispanic 4
780	Reserve Non-Hispanic 5
781	Reserve Non-Hispanic 6
782	Reserve Non-Hispanic 7
783	Reserve Non-Hispanic 8
784	Reserve Non-Hispanic 9
785	Reserve Non-Hispanic 10
786	Reserve Non-Hispanic 11
787	Reserve Non-Hispanic 12
788	Reserve Non-Hispanic 13
789	Reserve Non-Hispanic 14
790	Reserve Non-Hispanic 15
791	Reserve Non-Hispanic 16
792	Reserve Non-Hispanic 17
793	Reserve Non-Hispanic 18
794	Reserve Non-Hispanic 19
795	Reserve Non-Hispanic 20
796	Reserve Non-Hispanic 21
797	Reserve Non-Hispanic 22
798	Trinidad
799	Other race, not elsewhere classified
986	Other race (FOSDIC circle)
987-999	Reserve Other race

**800-869, 971 White**

800	White
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**800-869, 971 White—Con.**

801	Arab
802	English
803	French
804	German
805	Irish
806	Italian
807	Near Easterner
808	Polish
809	Scottish
810	White and Black
811	White Amerind
812	White Chinese
813	White Formosan/Taiwanese
814	White Filipino
815	White Hawaiian
816	White Korean
817	White Vietnamese
818	White Japanese
819	White Asian Indian
820	White Samoan
821	White Guamanian
822	White Bangladeshi
823	White Burmese
824	White Cambodian (Kampuchean)
825	White Hmong
826	White Indonesian
827	White Laotian
828	White Malayan
829	White Okinawan
830	White Pakistani
831	White Sri Lankan
832	White Thai
833	White Fijian
834	White Palauan
835	White Tahitian
836	White Tongan
837	White Other Asian or Pacific Islander
838	White Eskimo
839	White Aleut
840	Reserve White 3
841	Reserve White 4
842	Reserve White 5
843	Reserve White 6
844	Reserve White 7
845	Reserve White 8
846	Reserve White 9
847	Reserve White 10
848	Reserve White 11
849	Reserve White 12
850	Reserve White 13
851	Reserve White 14
852	Reserve White 15

**800-869, 971 White—Con.**

853	Reserve White 16
854	Reserve White 17
855	Reserve White 18
856	Reserve White 19
857	Reserve White 20
858	Reserve White 21
859	Reserve White 22
860	Reserve White 23
861	Reserve White 24
862	Reserve White 25
863	Reserve White 26
864	Reserve White 27
865	Reserve White 28
866	Reserve White 29
867	Reserve White 30
868	Reserve White 31
869	White Cherokee
971	White (FOSDIC circle)

**870-934, 972 Black or Negro**

870	Black
871	African
872	African American
873	Afro-American
874	Nigritia
875	Black and White
876	Black Amerind
877	Black Chinese
878	Black Formosan/Taiwanese
879	Black Filipino
880	Black Hawaiian
881	Black Korean
882	Black Vietnamese
883	Black Japanese
884	Black Asian Indian
885	Black Samoan
886	Black Guamanian
887	Black Bangladeshi
888	Black Burmese
889	Black Cambodian (Kampuchean)
890	Black Hmong
891	Black Indonesian
892	Black Laotian
893	Black Malayan
894	Black Okinawan
895	Black Pakistani
896	Black Sri Lankan
897	Black Thai
898	Black Fijian
899	Black Palauan
900	Black Tahitian
901	Black Tongan

**870-934, 972 Black or Negro—Con.**

902 Black Other Asian or Pacific Islander  
 903 Black Eskimo  
 904 Black Aleut  
 905 Reserve Black 3  
 906 Reserve Black 4  
 907 Reserve Black 5  
 908 Reserve Black 6  
 909 Reserve Black 7  
 910 Reserve Black 8  
 911 Reserve Black 9  
 912 Reserve Black 10  
 913 Reserve Black 11  
 914 Reserve Black 12  
 915 Reserve Black 13  
 916 Reserve Black 14  
 917 Reserve Black 15  
 918 Reserve Black 16  
 919 Reserve Black 17  
 920 Reserve Black 18  
 921 Reserve Black 19  
 922 Reserve Black 20  
 923 Reserve Black 21  
 924 Reserve Black 22  
 925 Reserve Black 23  
 926 Reserve Black 24  
 927 Reserve Black 25  
 928 Reserve Black 26  
 929 Reserve Black 27  
 930 Reserve Black 28  
 931 Reserve Black 29  
 932 Reserve Black 30  
 933 Reserve Black 31  
 934 Black Cherokee  
 972 Black or Negro (FOSDIC circle)

**935-940, 974 Eskimo**

935 Eskimo  
 936 Reserve Eskimo 1  
 937 Reserve Eskimo 2  
 938 Reserve Eskimo 3  
 939 Reserve Eskimo 4  
 940 Wales  
 974 Eskimo (FOSDIC circle)

**941-970, 975 Aleut**

941 Aleut  
 942 Reserve Aleut 1  
 943 Reserve Aleut 2  
 944 Reserve Aleut 3  
 945 Reserve Aleut 4  
 946-970 Reserve Aleut 5  
 975 Aleut (FOSDIC circle)

**971-986 FOSDIC Circle Codes**

971 See White  
 972 See Black or Negro  
 973 See American Indian  
 974 See Eskimo  
 975 See Aleut  
 976 See Asian  
 977 See Asian  
 978 See Pacific Islander  
 979 See Asian  
 980 See Asian  
 981 See Asian  
 982 See Asian  
 983 See Pacific Islander  
 984 See Pacific Islander  
 985 See Asian  
 986 See Other race

**987-999 Reserve Other Race**