

quarters are classified as institutional rather than non-institutional group quarters: "halfway houses (operated for correctional purposes)" and "wards in general and military hospitals for patients who have no usual home elsewhere," which includes maternity, neonatal, pediatric, military, and surgical wards of hospitals, other-purpose wards of hospitals, and wards for infectious diseases. These changes should not significantly affect the comparability of data with earlier censuses because of the relatively small number of persons involved.

As in 1980, 10 or more unrelated persons living together were classified as living in noninstitutional group quarters. In 1970, the criteria was six or more unrelated persons.

Several changes also have occurred in the identification of specific types of group quarters. For the first time, the 1990 census identifies separately the following types of correctional institutions: persons in halfway houses (operated for correctional purposes), military stockades and jails, and police lockups. In 1990, tuberculosis hospitals or wards are included with hospitals for the chronically ill; in 1980, they were shown separately. For 1990, the noninstitutional group quarters category, "Group homes" is further classified as: group homes for drug/ alcohol abuse; maternity homes (for unwed mothers), group homes for the mentally ill, group homes for the mentally retarded, and group homes for the physically handicapped. Persons living in communes, foster-care homes, and job corps centers are classified with "Other group homes" only if 10 or more unrelated persons share the unit; otherwise, they are classified as housing units.

In 1990, workers' dormitories were classified as group quarters regardless of the number of persons sharing the dorm. In 1980, 10 or more unrelated persons had to share the dorm for it to be classified as a group quarters. In 1960, data on persons in military barracks were shown only for men. In subsequent censuses, they include both men and women.

In 1990 census data products, the phrase "inmates

more information on the "Shelter-and-Street-Night" operation, see Appendix D, Collection and Processing Procedures.)

HISPANIC ORIGIN

The data on Spanish/Hispanic origin were derived from answers to questionnaire item 7, which was asked of all persons. Persons of Hispanic origin are those who classified themselves in one of the specific Hispanic origin categories listed on the questionnaire—"Mexican," "Puerto Rican," or "Cuban"—as well as those who indicated that they were of "other Spanish/Hispanic" origin. Persons of "Other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or the Dominican Republic, or they are persons of Hispanic origin identifying themselves generally as Spanish, Spanish-American, Hispanic, Hispano, Latino, and so on. Write-in responses to the "other Spanish/Hispanic" category were coded only for sample data.

Origin can be viewed as the ancestry, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. Persons of Hispanic origin may be of any race.

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

During direct interviews conducted by enumerators, if a person could not provide a single origin response, he or she was asked to select, based on self-identification, the group which best described his or her origin or descent. If a person could not provide a single group, the origin of the person's mother was used. If a single group could not be provided for the person's mother, the first origin reported by the person was used.

quarters were referred to as "other persons in group quarters," and the phrase "staff residents" was used for staff living in institutions.

In 1990, there are additional institutional categories and noninstitutional group quarters categories compared with the 1980 census. The institutional categories added include "hospitals and wards for drug/alcohol abuse" and "military hospitals for the chronically ill." The noninstitutional group quarters categories added include emergency shelters for homeless persons; shelters for runaway, neglected, and homeless children; shelters for abused women; and visible in street locations. Each of these noninstitutional group quarters categories was enumerated on March 20-21, 1990, during the "Shelter and Street Night" operation. (For

other household members by using specific rules or precedence of household relationship. In the processing of sample questionnaires, responses to other questions on the questionnaire, such as ancestry and place of birth, were used to assign an origin before any reference was made to the origin reported by other household members. If an origin was not entered for any household member, an origin was assigned from another household according to the race of the householder. This procedure is a variation of the general imputation process described in Appendix C, Accuracy of the Data.

Comparability—There may be differences between the total Hispanic origin population based on 100 percent tabulations and sample tabulations. Such differences

are the result of sampling variability, nonsampling error, and more extensive edit procedures for the Spanish/Hispanic origin item on the sample questionnaires. (For more information on sampling variability and nonsampling error, see Appendix C, Accuracy of the Data.)

The 1990 data on Hispanic origin are generally comparable with those for the 1980 census. However, there are some differences in the format of the Hispanic origin question between the two censuses. For 1990, the word "descent" was deleted from the 1980 wording. In addition, the term "Mexican-Amer." used in 1980 was shortened further to "Mexican-Am." to reduce misreporting (of "American") in this category detected in the 1980 census. Finally, the 1990 question allowed those who reported as "other Spanish/Hispanic" to write in their specific Hispanic origin group.

Misreporting in the "Mexican-Amer." category of the 1980 census item on Spanish/Hispanic origin may affect the comparability of 1980 and 1990 census data for persons of Hispanic origin for certain areas of the country. An evaluation of the 1980 census item on Spanish/Hispanic origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the Midwest Region. Also, results based on available data suggest that the impact of possible misreporting of Mexican origin in the 1980 census was severe in those portions of the above-mentioned regions where the Hispanic origin population was generally sparse. However, national 1980 census data on the Mexican origin population or total Hispanic origin population at the national level was not seriously affected by the reporting problem. (For a more detailed discussion of the evaluation of the 1980 census Spanish/Hispanic origin item, see the 1980 census Supplementary Reports.)

The 1990 and 1980 census data on the Hispanic population are not directly comparable with 1970 Spanish origin data because of a number of factors: (1) overall improvements in the 1980 and 1990 censuses, (2) better coverage of the population, (3) improved question designs, and (4) an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups.

Specific changes in question design between the 1980 and 1970 censuses included the placement of the category "No, not Spanish/Hispanic" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish/Hispanic origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population.

HOUSEHOLD TYPE AND RELATIONSHIP

Household

A household includes all the persons who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements.

In 100-percent tabulations, the count of households or householders always equals the count of occupied housing units. In sample tabulations, the numbers may differ as a result of the weighting process.

Persons Per Household—A measure obtained by dividing the number of persons in households by the number of households (or householders). In cases where persons in households are cross-classified by race or Hispanic origin, persons in the household are classified by the race or Hispanic origin of the householder rather than the race or Hispanic origin of each individual.

Relationship to Householder

Householder—The data on relationship to householder were derived from answers to questionnaire item 2, which was asked of all persons in housing units. One person in each household is designated as the householder. In most cases, this is the person, or one of the persons, in whose name the home is owned, being bought, or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member 15 years old and over could be designated as the householder.

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

Spouse—Includes a person married to and living with a householder. This category includes persons in formal marriages, as well as persons in common-law marriages.

The number of spouses is equal to the number of "married-couple families" or "married-couple households" in 100-percent tabulations. The number of spouses, however, is generally less than half of the number of "married persons with spouse present" in sample tabulations, since more than one married couple can live in a household, but only spouses of householders are specifically identified as "spouse." For sample tabulations, the number of "married persons with spouse present" includes married-couple subfamilies and married-couple families.

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

Natural-Born or Adopted Son/Daughter—A son or daughter of the householder by birth, regardless of the age of the child. Also, this category includes sons or daughters of the householder by legal adoption, regardless of the age of the child. If the stepson/stepdaughter of the householder has been legally adopted by the householder, the child is still classified as a stepchild.

Stepson/Stepdaughter—A son or daughter of the householder through marriage but not by birth, regardless of the age of the child. If the stepson/stepdaughter of the householder has been legally adopted by the householder, the child is still classified as a stepchild.

Own Child—A never-married child under 18 years who is a son or daughter by birth, a stepchild, or an adopted child of the householder. In certain tabulations, own children are further classified as living with two parents or with one parent only. Own children of the householder living with two parents are by definition found only in married-couple families.

In a subfamily, an "own child" is a never-married child under 18 years of age who is a son, daughter, stepchild, or an adopted child of a mother in a mother-child subfamily, a father in a father-child subfamily, or either spouse in a married-couple subfamily.

"Related children" in a family include own children and all other persons under 18 years of age in the household, regardless of marital status, who are related to the householder, except the spouse of the householder. Foster children are not included since they are not related to the householder.

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

Grandchild—The grandson or granddaughter of the householder.

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

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

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

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

Roomer, Boarder, or Foster Child—Roomer, boarder, lodger, and foster children or foster adults of the householder.

Housemate or Roommate—A person who is not related to the householder and who shares living quarters primarily in order to share expenses.

Unmarried Partner—A person who is not related to the householder, who shares living quarters, and who has a close personal relationship with the householder.

Other Nonrelatives—A person who is not related by birth, marriage, or adoption to the householder and who is not described by the categories given above.

When relationship is not reported for an individual, it is imputed according to the responses for age, sex, and marital status for that person while maintaining consistency with responses for other individuals in the household. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Unrelated Individual

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

Family Type

A family consists of a householder and one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption. All persons in a household who are related to the householder are regarded as members of his or her family. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated persons or one person living alone.

Families are classified by type as either a "married-couple family" or "other family" according to the sex of the householder and the presence of relatives. The data on family type are based on answers to questions on sex and relationship which were asked on a 100-percent basis.

Married-Couple Family—A family in which the householder and his or her spouse are enumerated as members of the same household.

Other Family:

Male Householder, No Wife Present—A family with a male householder and no spouse of householder present.

Female Householder, No Husband Present—A family with a female householder and no spouse of householder present.

Persons Per Family—A measure obtained by dividing the number of persons in families by the total number of families (or family householders). In cases where the measure, "persons in family" or "persons per family" are cross-tabulated by race or Hispanic origin, the race or Hispanic origin refers to the householder rather than the race or Hispanic origin of each individual.

Subfamily

A subfamily is a married couple (husband and wife enumerated as members of the same household) with or without never-married children under 18 years old, or one parent with one or more never-married children under 18 years old, living in a household and related to, but not including, either the householder or the householder's spouse. The number of subfamilies is not included in the count of families, since subfamily members are counted as part of the householder's family.

Subfamilies are defined during processing of sample data. In selected tabulations, subfamilies are further classified by type: married-couple subfamilies, with or without own children; mother-child subfamilies; and father-child subfamilies.

Lone parents include people maintaining either one-parent families or one-parent subfamilies. Married couples include husbands and wives in both married-couple families and married-couple subfamilies.

Unmarried-Partner Household

An unmarried-partner household is a household other than a "married-couple household" that includes a householder and an "unmarried partner." An "unmarried partner" can be of the same sex or of the opposite sex of the householder. An "unmarried partner" in an "unmarried partner household" is an adult who is unrelated to the householder, but shares living quarters and has a close personal relationship with the householder.

Unmarried-Couple Household

An unmarried-couple household is composed of two unrelated adults of the opposite sex (one of whom is the householder) who share a housing unit with or without the presence of children under 15 years old.

Foster Children

Foster children are nonrelatives of the householder and are included in the category, "Roomer, boarder, or foster child" on the questionnaire. Foster children are identified as persons under 18 years old and living in households that have no nonrelatives 18 years old and over (who might be parents of the nonrelatives under 18).

Stepfamily

A stepfamily is a "married-couple family" with at least one stepchild of the householder present, where the householder is the husband.

Comparability—The 1990 definition of a household is the same as that used in 1980. The 1980 relationship category "Son/daughter" has been replaced by two categories, "Natural-born or adopted son/daughter" and "Stepson/stepdaughter." "Grandchild" has been added as a separate category. The 1980 nonrelative categories: "Roomer, boarder" and "Partner, roommate" have been replaced by the categories "Roomer, boarder, or foster child," "Housemate, roommate," and "Unmarried partner." The 1980 nonrelative category "Paid employee" has been dropped.

MARITAL STATUS

The data on marital status were derived from answers to questionnaire item 6, which was asked of all persons. The marital status classification refers to the status at the time of enumeration. Data on marital status are tabulated only for persons 15 years old and over.

All persons were asked whether they were "now married," "widowed," "divorced," "separated," or "never married." Couples who live together (unmarried persons, persons in common-law marriages) were allowed to report the marital status they considered the most appropriate.

Never Married—Includes all persons who have never been married, including persons whose only marriage(s) was annulled.

Ever Married—Includes persons married at the time of enumeration (including those separated), widowed, or divorced.

Now Married, Except Separated—Includes persons whose current marriage has not ended through widowhood, divorce, or separation (regardless of previous marital history). The category may also include couples who live together or persons in common-law marriages if they consider this category the most appropriate. In certain tabulations, currently married persons are further classified as "spouse present" or "spouse absent."

Separated—Includes persons legally separated or otherwise absent from their spouse because of marital discord. Included are persons who have been deserted or who have parted because they no longer want to live together but who have not obtained a divorce.

Widowed—Includes widows and widowers who have not remarried.

Divorced—Includes persons who are legally divorced and who have not remarried.

In selected sample tabulations, data for married and separated persons are reorganized and combined with information on the presence of the spouse in the same household.

Now Married—All persons whose current marriage has not ended by widowhood or divorce. This category includes persons defined above as "separated."

Spouse Present—Married persons whose wife or husband was enumerated as a member of the same household, including those whose spouse may have been temporarily absent for such reasons as travel or hospitalization.

Spouse Absent—Married persons whose wife or husband was not enumerated as a member of the same household. This category also includes all married persons living in group quarters.

Separated—Defined above.

Spouse Absent, Other—Married persons whose wife or husband was not enumerated as a member of the same household, excluding separated. Included is any person whose spouse was employed and living away from home or in an institution or absent in the Armed Forces.

Differences between the number of currently married males and the number of currently married females occur because of reporting differences and because some husbands and wives have their usual residence in different areas. In sample tabulations, these differences can also occur because different weights are applied to the individual's data. Any differences between the number of "now married, spouse present" males and females are due solely to sample weighting. By definition, the numbers would be the same.

When marital status was not reported, it was imputed according to the relationship to the householder and sex and age of the person. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Comparability—The 1990 marital status definitions are the same as those used in 1980 with the exception of the term "never married" which replaces the term "single" in tabulations. A general marital status question has been asked in every census since 1880.

RACE

The data on race were derived from answers to questionnaire item 4, which was asked of all persons. The concept of race as used by the Census Bureau reflects self-identification; it does not denote any clear-cut scientific definition of biological stock. The data for race represent self-classification by people according to the race with which they most closely identify. Furthermore, it is recognized that the categories of the race item include both racial and national origin or socio-cultural groups.

During direct interviews conducted by enumerators, if a person could not provide a single response to the race question, he or she was asked to select, based on self-identification, the group which best described his or her racial identity. If a person could not provide a single race response, the race of the mother was used. If a single race response could not be provided for the person's mother, the first race reported by the person was used. In all cases where occupied housing units, households, or families are classified by race, the race of the householder was used.

The racial classification used by the Census Bureau generally adheres to the guidelines in Federal Statistical Directive No. 15, issued by the Office of Management and Budget, which provides standards on ethnic and

racial categories for statistical reporting to be used by all Federal agencies. The racial categories used in the 1990 census data products are provided below.

White—Includes persons who indicated their race as “White” or reported entries such as Canadian, German, Italian, Lebanese, Near Easterner, Arab, or Polish.

Black—Includes persons who indicated their race as “Black or Negro” or reported entries such as African American, Afro-American, Black Puerto Rican, Jamaican, Nigerian, West Indian, or Haitian.

American Indian, Eskimo, or Aleut—Includes persons who classified themselves as such in one of the specific race categories identified below.

American Indian—Includes persons who indicated their race as “American Indian,” entered the name of an Indian tribe, or reported such entries as Canadian Indian, French-American Indian, or Spanish-American Indian.

American Indian Tribe—Persons who identified themselves as American Indian were asked to report their enrolled or principal tribe. Therefore, tribal data in tabulations reflect the written tribal entries reported on the questionnaires. Some of the entries (for example, Iroquois, Sioux, Colorado River, and Flathead) represent nations or reservations.

The information on tribe is based on self-identification and therefore does not reflect any designation of Federally- or State-recognized tribe. Information on American Indian tribes is presented in summary tape files and special data products. The information is derived from the American Indian Detailed Tribal Classification List for the 1990 census. The classification list represents all tribes, bands, and clans that had a specified number of American Indians reported on the census questionnaire.

Eskimo—Includes persons who indicated their race as “Eskimo” or reported entries such as Arctic Slope, Inupiat, and Yupik.

Aleut—Includes persons who indicated their race as “Aleut” or reported entries such as Alutiiq, Egegik, and Pribilofian.

Asian or Pacific Islander—Includes persons who reported in one of the Asian or Pacific Islander groups listed on the questionnaire or who provided write-in responses such as Thai, Nepali, or Tongan. A more detailed listing of the groups comprising the Asian or Pacific Islander

population is presented in table A below. In some data products, information is presented separately for the Asian population and the Pacific Islander population.

Asian—Includes “Chinese,” “Filipino,” “Japanese,” “Asian Indian,” “Korean,” “Vietnamese,” and “Other Asian.” In some tables, “Other Asian” may not be shown separately, but is included in the total Asian population.

Chinese—Includes persons who indicated their race as “Chinese” or who identified themselves as Cantonese, Tibetan, or Chinese American. In standard census reports, persons who reported as “Taiwanese” or “Formosan” are included here with Chinese. In special reports on the Asian or Pacific Islander population, information on persons who identified themselves as Taiwanese are shown separately.

Filipino—Includes persons who indicated their race as “Filipino” or reported entries such as Filipino, Philippine, or Filipino American.

Japanese—Includes persons who indicated their race as “Japanese” and persons who identified themselves as Nipponese or Japanese American.

Asian Indian—Includes persons who indicated their race as “Asian Indian” and persons who identified themselves as Bengalese, Bharat, Dravidian, East Indian, or Goanese.

Korean—Includes persons who indicated their race as “Korean” and persons who identified themselves as Korean American.

Vietnamese—Includes persons who indicated their race as “Vietnamese” and persons who identified themselves as Vietnamese American.

Cambodian—Includes persons who provided a write-in response such as Cambodian or Cambodia.

Hmong—Includes persons who provided a write-in response such as Hmong, Laohmong, or Mong.

Laotian—Includes persons who provided a write-in response such as Laotian, Laos, or Lao.

Thai—Includes persons who provided a write-in response such as Thai, Thailand, or Siamese.

Other Asian—Includes persons who provided a write-in response of Bangladeshi, Burmese, Indonesian, Pakistani, Sri Lankan, Amerasian, or Eurasian. See table A for other groups comprising “Other Asian.”

Pacific Islander—Includes persons who indicated their race as "Pacific Islander" by classifying themselves into one of the following race categories or identifying themselves as one of the Pacific Islander cultural groups of Polynesian, Micronesian, or Melanesian.

Hawaiian—Includes persons who indicated their race as "Hawaiian" as well as persons who identified themselves as Part Hawaiian or Native Hawaiian.

Samoan—Includes persons who indicated their race as "Samoan" or persons who identified themselves as American Samoan or Western Samoan.

Guamanian—Includes persons who indicated their race as "Guamanian" or persons who identified themselves as Chamorro or Guam.

Other Pacific Islander—Includes persons who provided a write-in response of a Pacific Islander group such as Tahitian, Northern Mariana Islander, Palauan, Fijian, or a cultural group such as Polynesian, Micronesian, or Melanesian. See table A for other groups comprising "Other Pacific Islander."

Other Race—Includes all other persons not included in the "White," "Black," "American Indian, Eskimo, or Aleut," and the "Asian or Pacific Islander" race categories described above. Persons reporting in the "Other race" category and providing write-in entries such as multiracial, multiethnic, mixed, interracial, Wesort, or a Spanish/Hispanic origin group (such as Mexican, Cuban, or Puerto Rican) are included here.

Written entries to three categories on the race item—"Indian (Amer.)," "Other Asian or Pacific Islander (API)," and "Other race"—were reviewed, edited, and coded by subject matter specialists. (For more information on the coding operation, see the section below that discusses "Comparability.")

The written entries under "Indian (Amer.);" and "Other Asian or Pacific Islander (API)" were reviewed and coded during 100-percent processing of the 1990 census questionnaires. A substantial portion of the entries for the "Other race" category also were reviewed, edited, and coded during the 100-percent processing. The remaining entries under "Other race" underwent review and coding during sample processing. Most of the written entries reviewed during sample processing were those indicating Hispanic origin such as Mexican, Cuban, or Puerto Rican.

If the race entry for a member of a household was missing on the questionnaire, race was assigned based upon the reported entries of race by other household members using specific rules of precedence of household relationship. For example, if race was missing for the daughter of the householder, then the race of her mother (as female householder or female spouse) would be assigned. If there was no female householder or spouse in the household, the daughter would be assigned

her father's (male householder) race. If race was not reported for anyone in the household, the race of a householder in a previously processed household was assigned. This procedure is a variation of the general imputation procedures described in Appendix C, Accuracy of the Data.

Limitation of the Data—In the 1980 census, a relatively high proportion (20 percent) of American Indians did not report any tribal entry in the race item. Evaluation of the pre-census tests indicated that changes made for the 1990 race item should improve the reporting of tribes in the rural areas (especially on reservations) for the 1990 census. The results for urban areas were inconclusive. Also, the precensus tests indicated that there may be overreporting of the Cherokee tribe. An evaluation of 1980 census data showed overreporting of Cherokee in urban areas or areas where the number of American Indians was sparse.

In the 1990 census, respondents sometimes did not fill in a circle or filled the "Other race" circle and wrote in a response, such as Arab, Polish, or African American in the shared write-in box for "Other race" and "Other API" responses. During the automated coding process, these responses were edited and assigned to the appropriate racial designation. Also, some Hispanic origin persons did not fill in a circle, but provided entries such as Mexican or Puerto Rican. These persons were classified in the "Other race" category during the coding and editing process. Since sample processing included additional editing, there may be some minor differences between sample data and 100-percent data.

Comparability—Differences between the 1990 census and earlier censuses affect the comparability of data for certain racial groups and American Indian tribes. The 1990 census was the first census to undertake, on a 100-percent basis, an automated review, edit, and coding operation for written responses to the race item. The automated coding system used in the 1990 census greatly reduced the potential for error associated with a clerical review. Specialists with a thorough knowledge of the race subject matter reviewed, edited, coded, and resolved inconsistent or incomplete responses. In the 1980 census, there was only a limited clerical review of the race responses on the 100-percent forms with a full clerical review conducted only on the sample questionnaires.

Another major difference between the 1990 and preceding censuses is the handling of the write-in responses for the Asian or Pacific Islander populations. In addition to the nine Asian or Pacific Islander categories shown on the questionnaire under the spanner "Asian or Pacific Islander (API)," the 1990 census race item provided a new residual category, "Other API," for Asian or Pacific Islander persons who did not report in one of the listed Asian or Pacific Islander groups. During the coding operation, write-in responses for "Other API"

were reviewed, coded, and assigned to the appropriate classification. For example, in 1990, a write-in entry of Laotian, Thai, or Javanese is classified as "Other Asian," while a write-in entry of Tongan or Fijian is classified as "Other Pacific Islander."

Table A. Asian or Pacific Islander Groups Reported in the 1990 Census

Asian	Pacific Islander
Chinese	Hawaiian
Filipino	Samoan
Japanese	Guamanian
Asian Indian	Other Pacific Islander ¹
Korean	Carolinian
Vietnamese	Fijian
Cambodian	Kosraean
Hmong	Melanesian ³
Laotian	Micronesian ³
Thai	Northern Mariana Islander
Other Asian ¹	Palauan
Bangladeshi	Papua New Guinean
Bhutanese	Ponapean (Pohnpeian)
Borneo	Polynesian ³
Burmese	Solomon Islander
Celebesian	Tahitian
Ceram	Tarawa Islander
Indochinese	Tokelauan
Indonesian	Tongan
Iwo-Jiman	Trukese (Chuukese)
Javanese	Yapese
Malayan	Pacific Islander, not specified
Maldivian	
Nepali	
Okinawan	
Pakistani	
Sikkim	
Singaporean	
Sri Lankan	
Sumatran	
Asian, not specified ²	

¹In some data products, specific groups listed under "Other Asian" or "Other Pacific Islander" are shown separately. Groups not shown are tabulated as "All other Asian" or "All other Pacific Islander," respectively.

²Includes entries such as Asian American, Asian, Asiatic, Amerasian, and Eurasian.

³Polynesian, Micronesian, and Melanesian are Pacific Islander cultural groups.

In the 1980 census, the nine Asian or Pacific Islander groups were also listed separately. However, persons not belonging to these nine groups wrote in their specific racial group under the "Other" race category. Persons with a written entry such as Laotian, Thai, or Tongan, were tabulated and published as "Other race" in the 100 percent processing operation in 1980, but were reclassified as "Other Asian and Pacific Islander" in 1980 sample tabulations. In 1980 special reports on the Asian or Pacific Islander populations, data were shown separately for "Other Asian" and "Other Pacific Islander."

The 1970 questionnaire did not have separate race categories for Asian Indian, Vietnamese, Samoan, and Guamanian. These persons indicated their race in the

"Other" category and later, through the editing process, were assigned to a specific group. For example, in 1970, Asian Indians were reclassified as "White," while Vietnamese, Guamanians, and Samoans were included in the "Other" category.

Another difference between the 1990 and preceding censuses is the approach taken when persons of Spanish/Hispanic origin did not report in a specific race category but reported as "Other race" or "Other." These persons commonly provided a write-in entry such as Mexican, Venezuelan, or Latino. In the 1990 and 1980 censuses, these entries remained in the "Other race" or "Other" category, respectively. In the 1970 census, most of these persons were included in the "White" category.

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 household 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 has been asked of the total population in every census.

HOUSING CHARACTERISTICS

LIVING QUARTERS

Living quarters are classified as either housing units or group quarters. (For more information, see 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, caves, 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 contain 9 or more persons unrelated to the householder or person in charge (a total of 10 unrelated persons), they are classified as group quarters. If the living quarters contain eight or fewer persons unrelated to the householder or person in charge, they are classified as housing units.

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. 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.

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 are also 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 condemned or to be demolished) that the structure is 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; for example, 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 item H5a, which was asked at all occupied and vacant one-family houses and mobile homes. 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 or creek, or another piece of land. This question is used to exclude owner-occupied and renter-occupied one-family houses and mobile homes with 10 or more acres from certain statistics on financial characteristics.

Comparability—The question on acreage is the same in 1970 and 1980 and was asked for the first time of mobile home occupants in the 1990 census.

BOARDED-UP STATUS

Boarded-up status was obtained from questionnaire item C2 and was determined for all vacant units. Boarded up

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 and mobile home units with business or medical offices from certain statistics on financial characteristics.

A business must be easily recognizable from the outside. It will usually have a separate outside entrance and have the appearance of a business, such as a grocery store, restaurant, or barbershop. 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.

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 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 on rent, see the discussion under "Gross Rent" in census products containing sample data.)

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 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. (For more information on aggregates and means, see the discussion under "Derived Measures.")

Comparability—Data on this item have been collected since 1940. 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 housing units. In 1990, these 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 is generally considered to be housing units where the rent includes meals and other services, such as transportation to shopping and recreation.

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 under-utilization. (For more information on means, see the discussion under "Derived Measures.")

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.

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 housing 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.

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 a 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 or 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 structure, 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 which 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 are also included.

1-Unit, Attached—This is a 1-unit structure which 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 were 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 were tabulated for the first time in 1980.

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 may also include quarters for such workers as herders and loggers.

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 feed 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 were generally 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 occupied 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 is owned or being bought, but the land on which it sits is not, the respondent was asked to estimate the combined value of the house or mobile home and the land. For vacant units, value is the price asked for the property.

Value is tabulated separately for all owner-occupied and vacant-for-sale-only housing units, owner-occupied and vacant-for-sale mobile homes or trailers, and specified owner-occupied and specified vacant-for-sale-only housing units. Specified owner-occupied and specified vacant-for-sale-only housing units include only one-family houses on less than 10 acres without a business or medical office on the property. The data for "specified" units exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in 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 whole dollar. (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 less than 10 acres with no business or medical office on the property and at all owner-occupied or vacant-for-sale condominium housing units. Mobile homes were excluded. Value data were presented for specified owner-occupied housing units, specified vacant-for-sale-only housing units, and owner-occupied condominium housing units.

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.

DERIVED MEASURES

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

Interpolation

Interpolation is frequently 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 logarithm of 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

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 an open-ended distribution, the median is shown as the initial value of the interval followed by a plus sign (+), or 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 and are used 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.

Accuracy of the Data

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CONFIDENTIALITY OF THE DATA

To maintain confidentiality required by law (Title 13, United States Code), the Bureau of the Census applies a confidentiality edit to assure published data do not disclose information about specific individuals, households, and housing units. The result is that a small amount of uncertainty is introduced into some of the census characteristics to prevent identification of specific individuals, households, or housing units. The edit is controlled so that the counts of total persons, totals by race and American Indian tribe, Hispanic origin, and age 18 years and over are *not affected* by the confidentiality edit and are published as collected. In addition, total counts for housing units by tenure are not affected by this edit.

The confidentiality edit is conducted by selecting a sample of census households from the 100-percent data internal census files and interchanging its data with other households that have identical characteristics on a set of selected key variables but are in different geographic locations within the same State. To provide more protection for "small areas," a higher sampling rate was used for these areas. The net result of this procedure is that the data user's ability to obtain census data, particularly for small areas and subpopulation groups, has been significantly enhanced.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of data that describes the population as accurately and clearly as possible. To meet this objective, questionnaires were edited during field data collection operations for consistency, completeness, and acceptability. Questionnaires were also reviewed by census clerks for omissions, certain inconsistencies, and population coverage. For example, write-in entries such as "Don't know" or "NA" were considered unacceptable. For some district offices, the initial edit was automated; however, for the majority of the district offices, it was performed by clerks. As a result of this operation, a telephone or personal visit followup was

made to obtain missing information. Potential coverage errors were included in the followup, as well as a sample of questionnaires with omissions or inconsistencies.

Subsequent to field operations, remaining incomplete or inconsistent information on the questionnaires was assigned using imputation procedures during the final automated edit of the collected data. Allocations, or computer assignments of acceptable codes in place of unacceptable entries or blanks, are needed most often when an entry for a given item is lacking or when the information reported for a person or housing unit on that item is inconsistent with other information for that same person or housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person or housing unit that was consistent with entries for persons or housing units with similar characteristics. The assignment of acceptable codes in place of blanks or unacceptable entries enhances the usefulness of the data.

Another way in which corrections were made during the computer editing process was through substitution; that is, the assignment of a full set of characteristics for a person or housing unit. When there was an indication that a housing unit was occupied, but the questionnaire contained no information for the people within the household, or the occupants were not listed on the questionnaire, a previously accepted household was selected as a substitute, and the full set of characteristics for the substitute was duplicated. The assignment of the full set of housing characteristics occurred when there was no housing information available. If the housing unit was determined to be occupied, the housing characteristics were assigned from a previously processed occupied unit. If the housing unit was vacant, the housing characteristics were assigned from a previously processed vacant unit.

SOURCES OF ERROR

In any large-scale statistical operation, such as the 1990 decennial census, human- and machine-related errors occur. These errors are commonly referred to as nonsampling errors. Such errors include not enumerating every household or every person in the population, not obtaining all required information from the respondents, obtaining incorrect or inconsistent information, and recording information incorrectly. In addition, errors can occur during the field review of the enumerators' work, during clerical handling of the census questionnaires, or during the electronic processing of the questionnaires.

To reduce various types of nonsampling errors, a number of techniques were implemented during the planning, development of the mailing address list, data collection, and data processing activities. Quality assurance methods were used throughout the data collection and processing phases of the census to improve the quality of the data. A reinterview program was designed to minimize the errors in the data collection phase for enumerator-filled questionnaires.

Several coverage improvement programs were implemented during the development of the census address list and census enumeration and processing to minimize undercoverage of the population and housing units. These programs were developed based on experience from the 1980 decennial census and results from the 1990 decennial census testing cycle. In developing and updating the census address list, the Census Bureau used a variety of specialized procedures in different parts of the country.

- For larger urban areas, the Census Bureau purchased and coded address lists, had the United States Postal Service (USPS) review and update this list, and conducted a dependent canvass and update operation. Prior to mailout, local officials were given the opportunity to examine block counts of address listings (local review) and identify possible errors, and the USPS conducted a final review.

- For small cities and suburban and selected rural parts of the country, the Census Bureau created the address list through a listing operation that occurred in 1988 and 1989. For the addresses listed in 1988, the USPS reviewed and updated this list, and the Census Bureau reconciled USPS corrections through a field check; prior to mailout, the USPS conducted a final review of these addresses, and local officials participated in reviewing block counts of address listings.

Coverage improvement programs continued during and after mailout. The Census Bureau (rather than the USPS) delivered census questionnaires in the rural and seasonal housing areas listed in 1989 and in inner-city public housing developments. Computer and clerical edits and telephone and personal visit followups contributed to improved coverage.

If the 1990 census is not subject to count adjustment, the population counts shown in 100-percent data products will be tabulated from the entries for persons on all questionnaires. These counts will not be subject to sampling error. If count adjustment is done, a discussion of the count adjustment methodology and the appropriate methods for calculating sampling errors of adjusted counts can be found in appendix H. (Housing unit counts will not be subject to count adjustment.)

APPENDIX D.

Collection and Processing Procedures

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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 possessions.
2. The port of departure if the ship was at sea, provided the port was in the United States or its possessions.
3. The port of destination in the United States or its possessions, 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
How to fill out your census form	2
Example	2
Your answers are confidential	2
Instructions for the census questions	3-5
What the census is about	5
Why the census asks certain questions	5

CENSUS '90



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

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 type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 9	<input type="checkbox"/> 0	<input type="checkbox"/> 9	<input type="checkbox"/> 1	<input type="checkbox"/> 9
<input type="checkbox"/> 2	<input type="checkbox"/> 0	<input checked="" type="checkbox"/> 8	<input type="checkbox"/> 0	<input type="checkbox"/> 0	<input type="checkbox"/> 0	<input checked="" type="checkbox"/> 8	<input type="checkbox"/> 0
<input type="checkbox"/> 3	<input type="checkbox"/> 0	<input type="checkbox"/> 9	<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 0	<input type="checkbox"/> 9	<input type="checkbox"/> 1
<input type="checkbox"/> 4	<input type="checkbox"/> 0	<input type="checkbox"/> 2	<input type="checkbox"/> 0	<input type="checkbox"/> 2	<input type="checkbox"/> 0	<input type="checkbox"/> 2	<input type="checkbox"/> 0
<input type="checkbox"/> 5	<input type="checkbox"/> 0	<input type="checkbox"/> 3	<input type="checkbox"/> 0	<input type="checkbox"/> 3	<input type="checkbox"/> 0	<input type="checkbox"/> 3	<input type="checkbox"/> 0
<input type="checkbox"/> 6	<input type="checkbox"/> 0	<input type="checkbox"/> 4	<input type="checkbox"/> 0	<input type="checkbox"/> 4	<input type="checkbox"/> 0	<input type="checkbox"/> 4	<input type="checkbox"/> 0
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<input type="checkbox"/> 8	<input type="checkbox"/> 0	<input type="checkbox"/> 5	<input type="checkbox"/> 0	<input type="checkbox"/> 6	<input type="checkbox"/> 0	<input type="checkbox"/> 6	<input type="checkbox"/> 0
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<input type="checkbox"/> 4	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 0	<input type="checkbox"/> 2	<input type="checkbox"/> 0	<input type="checkbox"/> 2	<input type="checkbox"/> 0
<input type="checkbox"/> 5	<input type="checkbox"/> 0	<input type="checkbox"/> 2	<input type="checkbox"/> 0	<input type="checkbox"/> 3	<input type="checkbox"/> 0	<input type="checkbox"/> 3	<input type="checkbox"/> 0
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<input type="checkbox"/> 9	<input type="checkbox"/> 0	<input type="checkbox"/> 6	<input type="checkbox"/> 0	<input type="checkbox"/> 7	<input type="checkbox"/> 0	<input type="checkbox"/> 7	<input type="checkbox"/> 0
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<input type="checkbox"/> 1	<input type="checkbox"/> 0	<input type="checkbox"/> 8	<input type="checkbox"/> 0	<input type="checkbox"/> 9	<input type="checkbox"/> 0	<input type="checkbox"/> 9	<input type="checkbox"/> 0
<input type="checkbox"/> 2	<input type="checkbox"/> 0	<input type="checkbox"/> 9	<input type="checkbox"/> 0	<			

Instructions for Questions H1a through H6

- 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**.
- 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 mobile home; include only land which 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.

Instructions for Questions H7a and H7b

- 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.

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.

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.

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-1

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

- 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
1			7		
2			8		
3			9		
4			10		
5			11		
6			12		

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

NOW PLEASE ANSWER QUESTIONS H1a-H7b FOR YOUR HOUSEHOLD

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 or Grandchild
 Stepson/stepdaughter 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	0	1	0	1	0
2	0	2	0	2	0	2	0	2	0	0
3	0	3	0	3	1	3	0	3	0	0
4	0	4	0	4	2	4	0	4	0	0
5	0	5	0	5	3	5	0	5	0	0
6	0	6	0	6	4	6	0	6	0	0
7	0	7	0	7	5	7	0	7	0	0
8	0	8	0	8	6	8	0	8	0	0
9	0	9	0	9	7	9	0	9	0	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.)

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?

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

Answer only if you PAY RENT for this house or apartment —

H7a. What is the monthly rent?

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

b. Does the monthly rent include any meals?

Yes No

FOR CENSUS USE

A. Total persons	B. Type of unit Occupied Vacant <input type="radio"/> First form <input type="radio"/> Regular <input type="radio"/> Con'n <input type="radio"/> Usual home elsewhere	D. Months vacant <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	G. DO	ID
C1. Vacancy status <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	F. Cov. <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> 1b <input type="radio"/> 1a <input type="radio"/> 7 <input type="radio"/> H1			

Please make sure you have . . .

- 1. FILLED this form completely.**
- 2. ANSWERED Question 1a** on page 1.
- 3. ANSWERED Questions 2 through 7** for each person you listed in Question 1a.
- 4. ANSWERED Questions H1a through H7b** on page 3.

Also . . .

- 5. PRINT here the name** of a household member who filled the form, the date the form was completed, and the telephone number at which a person in this household can be called.

Name		Date	
Telephone number →	Area code	Number	<input type="radio"/> Day <input type="radio"/> Night

Then . . .

- 6. FOLD the form the way it was sent to you.**
- 7. MAIL it back by April 1,** or as close to that date as possible, in the envelope provided; no stamp is needed. When you insert your completed questionnaire, please make sure that the address of the U.S. Census Office can be seen through the window on the front of the envelope.

NOTE – If you have listed more than 7 persons in Question 1a, please make sure that you have filled the form for the first 7 people. Then mail back this form. A census taker will call to obtain the information for the other people.

Thank you very much.

The Census Bureau estimates that, for the average household, this form will take 14 minutes to complete, including the time for reviewing the instructions and answers. Comments about this estimate should be directed to the Associate Director for Management Services, Bureau of the Census, Washington, DC 20233, Attn: CEN-90, and to the Office of Management and Budget, Paperwork Reduction Project CEN-90, Washington, DC 20503. Please **DO NOT RETURN** your questionnaire to either of these addresses. Use the enclosed preaddressed envelope to return your completed questionnaire.

APPENDIX F.

Data Products and User Assistance

CONTENTS

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

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 3, 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 4, 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 4) 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 4, 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 4. 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 5 and 6, 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 6.)

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 5.)

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 6.)

Public Use Microdata Sample (PUMS) Files—These computer tape files (see figure 6) 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 6.) 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 5). 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 5, 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.)

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

GEOGRAPHIC PRODUCTS

American Indian and Alaska Native areas, and other

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

puter 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	704-371-6142
Chicago, IL	312-353-6251
Dallas, TX	214-767-7105
Denver, CO	303-236-2200
Detroit, MI	313-354-4654
Kansas City, KS	816-891-7562
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 3. 1990 Census Content

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

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

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 4. 1990 Census Printed Reports

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)				
100-Percent Data				
1990 CPH-1	Summary Population and Housing Characteristics	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	Population and Housing Unit Counts	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)
100-Percent and Sample Data				
1990 CPH-3	Population and Housing Characteristics for Census Tracts and Block Numbering Areas	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	Population and Housing Characteristics for Congressional Districts of the 103rd Congress	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
Sample Data				
1990 CPH-5	Summary Social, Economic, and Housing Characteristics	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
1990 CENSUS OF POPULATION (1990 CP)				
100-Percent Data				
1990 CP-1	General Population Characteristics	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 4. 1990 Census Printed Reports—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF POPULATION (1990 CP)—Con.				
100-Percent Data—Con.				
1990 CP-1-1A	General Population Characteristics for American Indian and Alaska Native Areas	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	General Population Characteristics for Metropolitan Areas	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	General Population Characteristics for Urbanized Areas	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
Sample Data				
1990 CP-2	Social and Economic Characteristics	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	Social and Economic Characteristics for American Indian and Alaska Native Areas	U.S.	Statistics generally on sample population subjects	American Indian and Alaska Native areas, as for CP-1-1A
1990 CP-2-1B	Social and Economic Characteristics for Metropolitan Areas	U.S.	Statistics generally on sample population subjects	Individual MA's, as for CP-1-1B
1990 CP-2-1C	Social and Economic Characteristics for Urbanized Areas	U.S.	Statistics generally on sample population subjects	Individual UA's, as for CP-1-1C
1990 CP-3	Population Subject Reports	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 4. 1990 Census Printed Reports—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF HOUSING (1990 CH)				
100-Percent Data				
1990 CH-1	General Housing Characteristics	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	General Housing Characteristics for American Indian and Alaska Native Areas	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	General Housing Characteristics for Metropolitan Areas	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	General Housing Characteristics for Urbanized Areas	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
Sample Data				
1990 CH-2	Detailed Housing Characteristics	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	Detailed Housing Characteristics for American Indian and Alaska Native Areas	U.S.	Statistics generally on sample housing subjects	American Indian and Alaska Native areas, as in 1990 CH-1-1A
1990 CH-2-1B	Detailed Housing Characteristics for Metropolitan Areas	U.S.	Statistics generally on sample housing subjects	Individual MA's, as in 1990 CH-1-1B
1990 CH-2-1C	Detailed Housing Characteristics for Urbanized Areas	U.S.	Statistics generally on sample housing subjects	Individual UA's, as in 1990 CH-1-1C
1990 CH-3	Housing Subject Reports	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 5. 1990 Census Summary Tape Files

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

	Geographic areas	Description	
STF 1 (100 percent)	A ^{2 3}	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 ^{2 3}	States, counties, county subdivisions, places, census tracts/BNA's, BG's, blocks. Also Alaska Native areas and State parts of American Indian areas	
	C ³	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 1,000 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	
STF 2 (100 percent)	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	
	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	
STF 3 (Sample)	A ^{2 3}	States, counties, county subdivisions, places, census tracts/BNA's, BG's. Also Alaska Native areas and State parts of American Indian areas	
	B ³	Five-digit ZIP Codes within each State	
	C ³	U.S., regions, divisions, States, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more	Over 3,300 cells/items of sample population and housing characteristics for each
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 5. 1990 Census Summary Tape Files—Con.

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

	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	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.
	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	

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

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

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

Figure 6. Other 1990 Census Data Products

Title	Description	Geographic areas
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 G.

Maps

CONTENTS

Census Tract/Block Numbering Area	
Outline Map Sample	G-4
County Block Map Sample	G-3
County Subdivision Map Sample	G-5
Introduction	G-1
Legend	G-2
Map Descriptions	G-1

INTRODUCTION

There are three map series that relate to the geographic entities for which the Census Bureau provides statistics in the STF 1 data tapes. The Census Bureau will reproduce copies of these maps on electrostatic plotters in response to orders received by Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233 (301-763-4100).

MAP DESCRIPTIONS

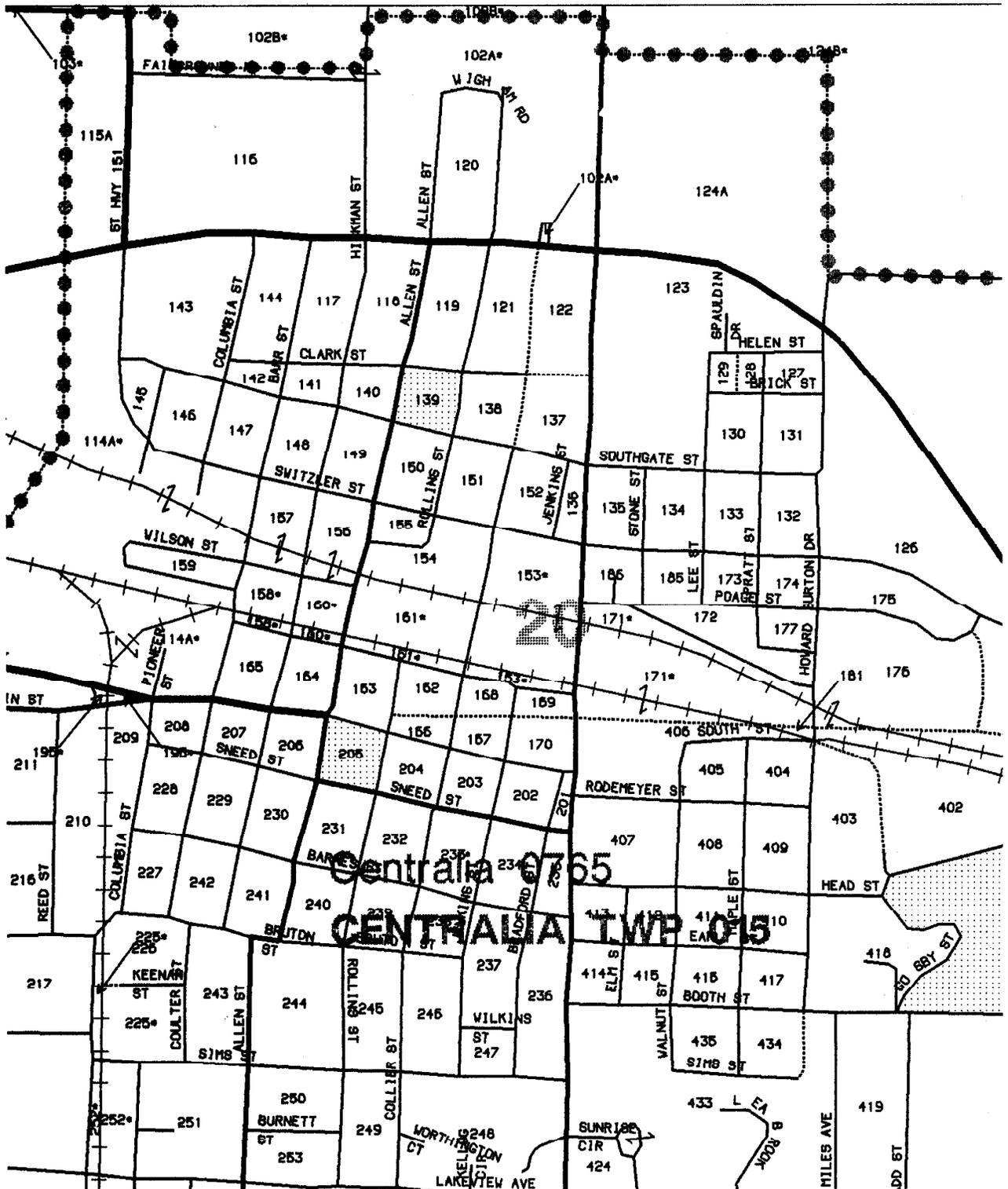
County Block Maps—These maps depict each county and statistically equivalent area on one or more map sheets at various scales, depending on the county's areal size and the density of the block pattern. (Most counties include multiple map sheets, including inset

maps for densely settled areas.) The maps display block numbers and feature identifiers as well as the boundaries, names, and codes for the legal and statistical entities in the county. Each county includes an index map sheet that shows the locations of the map sheets comprising the county set.

Census Tract/Block Numbering Area Outline Maps—These county-based maps depict the boundaries and codes of census tracts or block numbering areas, the features and feature names underlying the boundaries, and the boundaries and names of counties, county subdivisions, places, and American Indian/Alaska Native areas. Map scales vary to minimize the number of sheets. The maps may include one or more insets for densely settled areas. (The Census Bureau also intends to produce printed versions of these maps, for sale by the Government Printing Office (GPO), starting in 1992.)

County Subdivision Outline Maps These State-based maps depict the boundaries and names of all counties and statistically equivalent areas, county subdivisions, places, and American Indian/Alaska Native areas. (The Census Bureau also will publish sectionalized versions of these maps in most 1990 census reports for each State.)

County Block Map Sample



APPENDIX H. Record Layout of Machine-Readable Data Dictionary

CONTENTS

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

INTRODUCTION

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

GEOGRAPHIC DESCRIPTION

Geographic Record 1—Field Mnemonic, Size, and Type

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

Example 1

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

Example 2

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

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

Geographic Record 1—Con.

	(Begin position in relation to the record segment)
31	Blank
32	Number of implied decimals
33-80	Blank

Geographic Record 2—Field Description

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

Geographic Record 3—Code Identification

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

Geographic Description Examples¹

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

TABLE (MATRIX) DESCRIPTION

Table Record 1—Table Number and Characteristics

Position	Description
1-2	Identifier "T1" (Table Record 1)
3	Blank
4-9	Table (matrix) number (left justified)
10	Blank
11-15	Begin position (right justified) (Begin position in relation to the entire record)
16	Blank
17-21	Relative begin position (right justified) (Begin position in relation to the record segment)
22	Blank
23-24	Cell size for this table (matrix) (right justified)
25	Blank
26	Number of implied decimals for cells in this table (matrix)
27	Blank
28-30	Number of cells in this table (matrix) (right justified)
31	Blank
32-34	Number of variables (right justified)
35-80	Blank

Table Record 2—Table Title

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

Table Record 3—Universe Description

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

Example 3

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

T1 P14	4423 4423 9 0 10 2	
T2 P14	SEX BY MARITAL STATUS	
T3 P14	Persons 15 years and over	
T4 P14	SEX	
T4 P14	Male	2
T4 P14	Female	
T5 P14	MARITAL STATUS	
T5 P14	Never married	5
T5 P14	Now married, except separated	
T5 P14	Separated	
T5 P14	Widowed	
T5 P14	Divorced	

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

Table Record 3—Con.

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

Table Record 4-N—Table Variable Descriptions

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

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

Filler Record

Position	Description
1-2	Identifier "F1" (Filler Record)
3	Blank
4-7	"FILL"
8-10	Blank
11-15	Begin Position (right justified) (Begin position in relation to the entire record)
16	Blank
17-21	Relative Begin Position (right justified) (Begin position in relation to the record segment)
22	Blank
23-26	Total number of "FILL" blanks
27-80	Blank

Matrix Example¹

See example 3 below.

APPENDIX I. Code Lists

CONTENTS

Group Quarters-----	I-1
Race-----	I-6

GROUP QUARTERS

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

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

GQ Staff
codes residents
GQ codes

D. Dormitories—Con.

- 97-N -- 4. *Military Quarters on Base*: 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. *Other Workers' Dormitories*: Including logging camps, construction workers' camps, fire-house dormitories, job-training camps, energy enclave (Alaska only), Alaskan pipeline camps, nonfarm migratory workers' camps, such as workers who lay oil and gas pipelines.
- 6. *Runaway, Neglected, and Homeless Children*: Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2.

E. Elderly: Skilled nursing facilities, intermediate care facilities, long-term care rooms in wards or buildings on the grounds of hospitals, nursing, convalescent, and rest homes including soldiers', sailors', veterans', and fraternal or religious homes for the aged, with or without nursing care.

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

1. Public Ownership

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

2. Private Ownership

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

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

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

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

- 76-N -- 1. *Drug/Alcohol Abuse*: Including group homes, detoxification centers, quarterway houses such as residential treatment facilities that work closely with an accredited hospital, halfway houses, recovery homes for ambulatory, and mentally competent recovering

GQ codes Staff residents GQ codes

G. Group Homes—Con.

- alcoholics who may be re-entering the work force. (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.)
- 29-N -- 2. *Maternity* (Homes for unwed mothers) (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.)
- 16-N -- 3. *Mentally Ill*
- 17-N -- a. Federal
- 18-N -- b. State
- 19-N -- c. Private
- 19-N -- d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.)
- 56-N -- 4. *Mentally Retarded*
- 57-N -- a. Federal
- 58-N -- b. State
- 59-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.)
- 72-N -- 5. *Physically Handicapped*
- 73-N -- a. Public ownership
- 74-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.)
- 79-N -- 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

- 86-N -- 1. *Dormitories for Nurses and Interns in General and Military Hospitals*
- 70-I 70-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.
- 54-I 86-N 3. *Hospitals for Chronically Ill*
- 55-I 86-N a. Military hospitals or wards for chronically ill
- 55-I 86-N b. Other hospitals or wards for chronically ill: Including tuberculosis hospitals or wards, 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.
- 46-I 46-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.
- 47-I 47-N a. Federal ownership
- 47-I 47-N b. State or local ownership

GQ codes Staff residents GQ codes

H. Hospitals/Schools for the Handicapped—Con.

- | | | |
|------|------|--|
| 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. <i>Mentally Retarded</i> : Schools, hospitals, wards, including wards in hospitals for the mentally ill, and intermediate care facilities for the mentally retarded. This is in a suitably-equipped setting and with supervised and medical/nursing care from a formally trained staff. |
| 41-I | 41-N | a. Federal ownership |
| 43-I | 43-N | b. State or local ownership |
| 42-I | 42-N | c. Private ownership |
| 40-I | 40-N | d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.) |
| | | 6. <i>Physically Handicapped</i> : 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. <i>Wards in General and Military Hospitals for Patients Who Have No Usual Home Elsewhere</i> : 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)
- | | | |
|------|------|---|
| 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.) |

	Staff residents GQ codes
GQ codes	GQ codes

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

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

K. Military Quarters

1. On Base

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

2. Military Ships

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

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

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 three-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 three-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
044	Steilacoom
045	Stillaguamish
046	Suquamish
047	Swinomish
048	Tulalip

000-599, 973 American Indian—Con.

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
088	Chimariko
089	Chumash
090	Costanoan
091	Cupeno
092	Cuyapaip
093	Diegueno
094	Digger
095	Gabrieleno
096	Hoopla
097	Inaja Cosmit

000-599, 973 American Indian—Con.

098 Karok
 099 Kawailsu
 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 Manuel
 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
 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

000-599, 973 American Indian—Con.

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
 193 Aroostock
 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

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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
 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

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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
 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

000-599, 973 American Indian—Con.

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
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	Potawatomi
368	Citizen Band Potawatomi
369	Forest 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

000-599, 973 American Indian—Con.

381	Shawnee
382	Algonquian
383	Micmac
384	Maliseet
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
403	Absentee Shawnee
404	Clifton Choctaw
405	Iroquois
406	Seneca
407	Seneca Nation
408	Tonawanda Seneca
409	Seneca-Cayuga
410	Cayuga
411	Onondaga
412	Oneida
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	Miccossukee

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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
 456 Rappahannock
 457 Attacapa
 458 Biloxi
 459 Catawba
 460 Chitimacha
 461 Coharie
 462 Croatan
 463 Hallwa
 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

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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
 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 Kialegee
 541 Alabama Quassarte
 542 Malheur Paiute
 543 Wenatchee
 544 Little Shell Chippewa
 545 Illinois
 546 Rampough Mountain
 547 Lenni-Lenape
 548 Amerind White
 549 Amerind Black
 550 Mexican American Indian
 551 Central American Indian

000-599, 973 American Indian—Con.

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
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	Susquehannock
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

600-652, 976, 977, 979-982, 985 Asian—Con.

623	Eurasian
624	Mongolian
625	Oriental
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	Samoaan
656	Tahitian
657	Tongan
658	Polynesian
659	Tokelauan
978	Hawaiian (FOSDIC circle)
983	Samoaan (FOSDIC circle)

660-675, 984 Micronesian

660	Guamanian
661	Mariana Islander
662	Marshallese

660-675, 984 Micronesian—Con.

663 Palauan
 664 Bikinian
 665 Carolinian
 666 Eniwetok
 667 Kosraean
 668 Kwajalein
 669 Micronesian
 670 Ponapean
 671 Saipanese
 672 Tarawa Islander
 673 Tinian
 674 Trukese
 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
 003 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
 702 Boricua
 703 Californio
 704 Central American
 705 Chicano
 706 Chilean
 707 Colombian
 708 Costa Rican
 709 Cuban
 710 Dominican
 711 Ecuatorian

700-748 Hispanic Origin—Con.

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
 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

749-799, 986, 987-999 Not of Hispanic Origin—Con.

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
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

800-869, 971 White—Con.

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
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 Nigritian
 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
 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

870-934, 972 Black or Negro—Con.

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



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, D.C. 20233

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 7

(South Dakota)

The name of Lemmon, No. 2 unorg. (MCD 053 in Corson County--031) is shown incorrectly (as Lemon, No. 2).

May 1991



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Bureau of the Census
Washington, D.C. 20233

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 8

(Alaska)

The FIPS 55 place code and class code for the Alaska Native Regional Corporations (ANRC's) are not shown in the identification section of the Data Dictionary, and accordingly do not appear in the 1990 census data files. The FIPS 55 codes are as follows:

<u>ANRC</u> <u>Census Code</u>	<u>ANRC Name</u>	<u>FIPS 55 Codes</u> <u>Place</u>	<u>Class</u>
07	Ahtna	00590	E7
14	Aleut	01570	E7
21	Arctic Slope	03950	E7
28	Bering Straits	06370	E7
35	Bristol Bay	09040	E7
42	Calista	09800	E7
49	Chugach	14410	E7
56	Cook Inlet	17140	E7
63	Doyon	20010	E7
70	Koniag	41640	E7
77	NANA	52120	E7
84	Sealaska	67940	E7

May 1991



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

August, 1991

**To: Census of Population and Housing, 1990: Summary Tape File 1
Data Users**

**From: Data User Services Division
Bureau of the Census**

Attached are User Note 4 and Technical Notes 9-11 for the Summary Tape File 1A data. Please file this user note in the technical documentation as directed. We also suggest filing the technical notes in the technical documentation notebook. User Notes 1-3 and Technical Notes 1-8 were released in earlier distributions.

These notes are sent automatically without charge to Census Bureau tape purchasers. They are available to others on a subscription basis at a cost of \$40 annually. To subscribe, contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233.

Both user notes and technical notes are available upon release from the State and Regional Programs electronic bulletin board. The bulletin board can be accessed on 301-763-7554.



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**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1**

USER NOTE 4

Attached is replacement page 1-1. On July 15, 1991, the Secretary of Commerce announced that the 1990 census would not be adjusted. On revised page 1-1, the statement regarding the possible correction for undercount or overcount has been dropped.

July 1991

ABSTRACT

The user should note that there are limitations to many of these data. Please refer to the technical documentation provided with Summary Tape File 1 for a further explanation on the limitations of the data.

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CITATION

Census of Population and Housing, 1990: Summary Tape File 1 [machine-readable data files] / prepared by the Bureau of the Census. —Washington: The Bureau [producer and distributor], 1991.

TYPE OF FILE

Summary statistics.

UNIVERSE DESCRIPTION

All persons and housing units in the United States.

SUBJECT MATTER DESCRIPTION

Summary Tape File 1 (STF 1) contains 100-percent data. Population items include age, race, sex, marital status, Hispanic origin, household type, and household relationship. Population items are cross tabulated by age, race, Hispanic origin, or sex. Housing items include occupancy/vacancy status, tenure, units in structure, contract rent, meals included in rent, value, and number of rooms in housing unit. Housing data are cross tabulated by race or Hispanic origin of householder or by tenure.

Selected aggregates and medians also are provided. Data are presented in 37 population tables (matrices) and 63 housing tables (matrices).

GEOGRAPHIC COVERAGE

Summary Tape File 1 is released as file 1A, file 1B, file 1C, and file 1D. The record layout is identical for all four files but the geographic coverage differs.

This abstract lists most frequently accessed geographic levels. The Summary Level Sequence Charts chapter outlines the hierarchical and inventory summaries in their entirety.

STF 1A provides data for States and their subareas in hierarchical sequence down to the block group level. This hierarchy is shown below:

- State
 - County
 - County subdivision
 - Place (or place part)
 - Census tract/block numbering area (BNA) (or census tract/BNA part)
 - Block group (or block group part)
 - State portion of American Indian and Alaska Native area (with trust lands and with no trust lands)
 - County portion of American Indian and Alaska Native area

File 1A also has inventory (complete) summaries for the following geographic areas:

- Place
- Census tract/BNA
- Block group
- Congressional District (101st Congress)
- Consolidated cities

STF 1B provides data for the lowest level of census geography, census blocks. The hierarchy for the file is shown below:

- State
 - County
 - County subdivision
 - Place (or place part)
 - Census tract/BNA (or census tract/BNA part)
 - Block group (or block group part)
 - Block¹
 - State portion of American Indian and Alaska Native area (with trust lands and with no trust lands)
 - County portion of American Indian and Alaska Native area

¹Blocks without population or housing units are not included in STF 1B, but are reported on a separate file. This file is included with STF 1B at no cost.



File 1B also has inventory or complete summaries for the following geographic areas:

- Place
- Census tract/BNA
- Block group
- Consolidated city
- Alaska Native Regional Corporation
- State portion of Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area (MSA/CMSA)
- State portion of Urbanized Area (UA)

STF 1C provides summaries for the entire United States. The file structure is as follows:

- United States
- Region
- Division
- State
 - County
 - County subdivision (12 States, population restricted)
 - Places of 10,000 or more persons
 - Consolidated city
 - Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area (MSA/CMSA)
 - Consolidated Metropolitan Statistical Area/Primary Metropolitan Statistical Area
 - Urbanized Area (UA)
 - Total, State and county portion of American Indian reservations (with trust lands and with no trust lands) and Alaska Native Areas

Inventory summaries are provided for the geographic area listed below:

Alaska Native Regional Corporation

File 1D is the first STF released that provides data for the Congressional Districts of the 103rd Congress. The hierarchy for STF 1D is shown below:

- State
 - Congressional District (103rd Congress)
 - County (or county part)
 - County subdivision (or county subdivision part) (with 10,000 or more persons) (12 States only)
 - Place (or place part) (10,000 or more persons)
 - Consolidated city (or consolidated city part) (10,000 or more persons)
 - American Indian Reservation (with trust lands and with no trust lands)/Alaska Native Area and Alaska Native Regional Corporation (or American Indian Reservation/Alaska Native Area and Alaska Native Regional Corporation part)

RELATED PRINTED REPORTS

Listed below are the 1990 census printed reports containing data from STF 1. These reports will be available from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

1990 CPH-1, *Summary Population and Housing Characteristics*. A report for the United States, each State, and the District of Columbia, which contains 100-percent data for the State, local governmental units (counties, places, and towns/townships), other county subdivisions, and American Indian and Alaska Native Areas. Scheduled for release in 1991-92.

1990 CPH-2, *Population and Housing Unit Counts*. A report for the United States, each State, and the District of Columbia and statistically equivalent entities, which provides 100-percent data for States, counties, county subdivisions, places, State component parts for metropolitan areas and urbanized areas, and summary geographic areas (for example, urban and rural, metropolitan and nonmetropolitan). Scheduled for release in 1991-92.

1990 CPH-4, *Population and Housing Characteristics for Congressional Districts of the 103rd Congress*. A report for each State and the District of Columbia, which provides both 100-percent and sample data for States, congressional districts and, within congressional districts, counties, places of 10,000 or more inhabitants, and, in 12 States, county subdivisions of 10,000 or more inhabitants, and American Indian and Alaska Native areas. Scheduled for release in 1993.

RELATED REFERENCE MATERIALS

1990 Census of Population and Housing Tabulation and Publication Program. This booklet provides descriptions of the data products available from the 1990 census. Available without charge from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Phone: 301-763-4100. FAX: 301-763-4794.

Census '90 Basics. This booklet provides a general overview of the census activity and detailed information on census content, geographic areas, and products. Available without charge from Customer Services (see above).

Census ABC's—Applications in Business and Community. This booklet highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Available without charge from Customer Services (see above).

A comprehensive *1990 Census of Population and Housing Guide* will be available in late 1991. It will provide detailed information about all aspects of the census.



**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 9

(New York and Virginia)

Both the P.L. 94-171 data files and the summary tape files for Queens County, New York and Virginia Beach, Virginia contain records that do not reflect the coextensivity of the underlying geographic entities. Queens borough and part of New York city are coextensive with Queens County, but the county files contain records that are not coded to the borough or the city; similarly, the county files for Virginia Beach city, which the Census Bureau treats as a place, an MCD, and a county, contains records that are in neither an MCD nor a place. Note that in both cases, the area involved consists of water and has no population.

New York

Queens County (081) is coextensive with Queens borough (005) and a portion of New York city (2505). A portion--all water--of the county, however, is shown incorrectly in the Census Bureau's internal files. This affects the water area shown in the summary tape file data presentations. The correct water area for Queens borough and that portion of New York city is 176.000 square kilometers. This change should be applied to all appropriate summary levels. (Note that the decimal point does not appear in the data file.)

Virginia

Virginia Beach city (810/005/1280) is coextensive at the county, MCD, and place levels. A portion--all water--of Virginia Beach, however, is shown incorrectly in the Census Bureau's internal files. This affects the water area shown in the summary tape file data presentations. The correct water area for Virginia Beach at the county, MCD, and place levels is 644.977 square kilometers. The correct water area (expressed in square kilometers) for affected block groups--all within Congressional District 02--is shown below. Data users should apply these corrections to all appropriate summary levels. (Note that the decimal point for both water area and census tract numbers does not appear in the data file.)

<u>State</u>	<u>Codes</u> <u>County</u>	<u>MCD</u>	<u>Place</u>	<u>Census</u> <u>Tract</u>	<u>Block</u> <u>Group</u>	<u>Water</u> <u>Area</u>
51	810	005	1280	0400.98	9	9.696
51	810	005	1280	0418	1	6.269
51	810	005	1280	0418	3	3.475
51	810	005	1280	0430.01	1	5.826
51	810	005	1280	0432	9	18.342
51	810	005	1280	0434	1	7.120
51	810	005	1280	0436	1	3.289
51	810	005	1280	0438	3	4.696
51	810	005	1280	0440.02	1	1.954
51	810	005	1280	0440.02	3	2.168
51	810	005	1280	0440.02	5	4.256
51	810	005	1280	0440.02	6	3.696
51	810	005	1280	0452	9	20.506
51	810	005	1280	0454.12	1	5.758
51	810	005	1280	0454.12	4	7.400
51	810	005	1280	0454.12	9	12.605
51	810	005	1280	0464	9	140.788



UNITED STATES DEPARTMENT OF COMMERCE
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CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 1 DATA

TECHNICAL NOTE 10

(Michigan and North Dakota)

The following geographic information is incorrect in the P.L. 94-171 Data file, the summary tape files, and the various TIGER extract products, and on the several 1990 census maps. Bold type identifies the correct entry.

Michigan

In the records for **Shelby Charter** township (county subdivision--census code 095--in Macomb County--099), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Shelby township; also, the FIPS 55 code (beginning in position 80 in the identification section of the data dictionary) should be shown as **72822** (it is shown as 72820).

In the records for **Fruitport Charter** township (county subdivision--census code 035--in Muskegon County--121), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Fruitport township; also, the FIPS 55 code (beginning in position 80 in the identification section of the data dictionary) should be shown as **31022** (it is shown as 31020).

In the records for **Bridgeport Charter** township (county subdivision--census code 030--in Saginaw County--145), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Bridgeport township; also, the FIPS 55 code (beginning in position 80 in the identification section of the data dictionary) should be shown as **10465** (it is shown as 10460).

Note that these names were changed to include "Charter" subsequent to the 1980 census.

North Dakota

In the records for **Beery** township (county subdivision--census code 520--in Hettinger County--041), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Berry township; also, the FIPS 55 code (beginning in position 80 in the identification section of the data dictionary) should be shown as **05680** (it is shown as 06420).

In the records for **Marstonmoor** township (county subdivision--census code 665--in Stutsman County--093), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Marston Moor township; also, the FIPS 55 code (beginning in position 80 in the identification section of the data dictionary) should be shown as **51025** (it is shown as 51020).

In the records for **Prairie Centre** township (county subdivision--census code 620--in Walsh County--099), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Prairie Center township; also, the FIPS 55 code (beginning in position 80 in the identification section of the data dictionary) should be shown as **64270** (it is shown as 64260).

Note that these names also were reported with the incorrect spelling for the 1980 census.

July 1991



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**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 11

(Selected States)

The FIPS 55 5-digit place code is incorrect in the P.L. 94-171 Data files, the 1990 census summary tape files, and the various TIGER extract products, and on the County Block Maps. Bold type identifies the correct entry. All codes are for places (beginning in position 116 in the identification section of the data dictionary) unless otherwise noted.

Alaska (02)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Mosquito Lake CDP	50300	50800

Arizona (04)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Ak-Chin Village CDP	01010	01090

Arkansas (05)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Birdsong town	06430	06340

California (06)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Camp Pendleton South CDP	10564 *	10561
Weaverville CDP	83801 *	83794

Colorado (08)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Security-Widefield CDP	68820 *	68847

Connecticut (09)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Clinton CDP	15595	15420
Willimantic CDP	85840	85810

Delaware (10)

The FIPS 55 class Code (position 121) for Rising Sun-Lebanon CDP should be U2, not U1.

Florida (12)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Bayonet Point CDP	04187 *	04162
Century town	11375 *	11362
Plantation CDP	57440	57450
Riverland CDP	60750 *	60737
Town 'n' Country CDP	72137 *	72145

Georgia (13)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
Centralhatchee town	150041 *	15026
Fort Benning South CDP	30785a *	30795

Illinois (17)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
Arrowsmith village	02362 *	02342
Grayville city	31173 *	31165
Ste. Marie village	67002 *	66800

Kentucky (21)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
Lexington-Fayette	46000	46027
Note: Shown as 42027 for the 1980 census.		
Meadowbrook Farm city	51176 *	51193

Louisiana (22)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
Keachi town	39090	39085

Michigan (26)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
Eastlake village	24080	24060
Harrison CDP	36845	36810
Volinia township** (Cass County (027))	82410 *	82580
Wakefield city** (Gogebic County (053))	82800	82780
Note: Shown as 82415 for the 1980 census.		
West Bloomfield Township CDP	85490 *	85510

Minnesota (27)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
Blooming Prairie city** (Dodge County (039))	06575	06580
Dennison city** (Rice County (131))	15710	15706
Lake St. Croix Beach city	35072 *	34865
Lake St. Croix Beach city** (Washington County (163))	35072 *	34865
North St. Paul city	47284 *	47221
North St. Paul city** (Ramsey County (123))	47284 *	47221
Ottertail city** (Ottertail County (111))	49246	49210
Sherburn city	59638 *	59620

Mississippi (28)

<u>Name</u>	<u>Shown As</u>	<u>Correct Code</u>
New Hebron village	51320	51360

Missouri (29)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Chain-O-Lakes village	13000 *	13015
Iron Mountain Lake city	35430	35450
Lake St. Louis city	40178 *	40043
La Tour town	40862	40880
Parkdale town	56280	56226

Nebraska (31)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Pailsade village	38120 *	38130
Palmer village	38155 *	38160
Tilden city** (Antelope County (003))	48735	48935

New Hampshire (34)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Londonderry CDP	43130	43140

New Jersey (35)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Hanover Township CDP	29655 *	29620

North Carolina (37)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Cove City town	14980 *	15020

Ohio (39)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Chardon village** (Geauga County (055))	13561	13554

Oregon (41)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Sunnyside CDP	71165	71100

Pennsylvania (42)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Beaverdale-Lloydell CDP	04772 *	04780
East McKeesport borough	21496 *	21444
East McKeesport borough** (Allegheny County (003))	21496 *	21444
Monroe borough	50440 *	50432
Monroe borough** (Bradford County (015))	50440 *	50432
Monroe township** (Bradford County (015))	50432 *	50440
Parker city	57992 *	57976
Rockhill Furnace borough	65496 *	65512
Union Dale borough	78464 *	78456
Upper St. Clair CDP	79312 *	79277

South Carolina (45)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Parris Island CDP	54857 *	54855
Seven Oaks CDP	65117 *	65207
Wade Hampton CDP	73825 *	73870

South Dakota (46)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Eagle Butte town** (Ziebach County (137))	17630	17620

Tennessee (47)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Nashville-Davidson (remainder)	52010	52006

Texas (48)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Lakewood Village city	41010 *	41050
Post Oak Bend City town	59052 *	59066

Utah (49)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Heber city	34310 *	34200

Virginia (51)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Spotsylvania Courthouse CDP	74480	74470

Washington (53)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Alderwood Manor-Bothell North CDP	01178	01188
Eriands Point-Kitsap Lake CDP	22108	22118
Hazel Dell South CDP	30319	30313
Orchards North CDP	51700	51797

West Virginia (54)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Pea Ridge CDP	63488	62488

Note: Shown erroneously as 63788 in the P.L. 94-171 Data file.

Wisconsin (55)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Allouez village** (Brown County (009))	01150	01175
Park Ridge village** (Portage County (097))	61337	61325

Wyoming (56)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Bar Nunn town	05248	05245
Fort Washakie CDP	28660	28665

* Same Code also is shown incorrectly for the 1980 census

** County subdivision-FIPS place Code begins in position 80 in the identification section of the data dictionary.



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, D.C. 20233

September, 1991

**To: Census of Population and Housing, 1990: Summary Tape File 1
Data Users**

**From: Data User Services Division
Bureau of the Census**

Attached are User Note 5 and Technical Notes 12-16 for the Summary Tape File 1A data. Please file this user note in the technical documentation as directed. We also suggest filing the technical notes in the technical documentation notebook. User Notes 1-4 and Technical Notes 1-11 were released in earlier distributions.

These notes are sent automatically without charge to Census Bureau tape purchasers. They are available to others on a subscription basis at a cost of \$40 annually. To subscribe, contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233.

Both user notes and technical notes are available upon release from the State and Regional Programs electronic bulletin board. The bulletin board can be accessed on 301-763-7554.



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1**

USER NOTE 5

The statement regarding user labels and user header labels on page 2-2 is correct for STF 1A files. However, STF 1B and 1C files have six user header labels rather than eight.

August 1991



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

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 1 DATA

TECHNICAL NOTE 12

(Selected States)

The following geographic information is incorrect in the 1990 census publications, the P.L. 94-171 Data file, the summary tape files, and the various TIGER extract products, and on the several 1990 census maps. Bold type identifies the correct entry.

ILLINOIS (17)

In the records for **DeKalb** city (incorporated place—census code 1435), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as De Kalb city.

In the records for **DeKalb** township (county subdivision—census code 020—in DeKalb County—037), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as De Kalb township.

KANSAS (20)

In the records for **WaKeeney** city (incorporated place—census code 2890), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Wakeeney city.

MICHIGAN (26)

In the records for **Pere Marquette Charter** township (county subdivision—census code 055—in Mason County—105), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Pere Marquetter Charter township.

MONTANA (30)

In the records for **Rocky Boy's** division (county subdivision—census code 021—in Hill County—041), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as Rocky Boy division.

NEBRASKA (31)

In the records for **East Rock Bluff** precinct (county subdivision—census code 015—in Cass County—025), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as East Rock Bluffs precinct.

NEW MEXICO (35)

In the records for **East DeBaca** division (county subdivision—census code 005—in DeBaca County—011), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as East De Baca division.

In the records for **West DeBaca** division (county subdivision—census code 007—in DeBaca County—011), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as West De Baca division.

In the records for **Ranchos de Taos CDP** (census designated place—census code 0321), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **Ranchos De Taos CDP**.

NEW YORK (36)

In the records for **DeRuyter village** (incorporated place—census code 0915), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **Deruyter village**.

In the records for **St. Regis Mohawk Reservation** (county subdivision—census code 083—in Franklin County—033), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **St. Regis Reservation**.

NORTH DAKOTA (38)

In the records for **LaMoure city** (incorporated place—census code 0915), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **La Moure city**.

PENNSYLVANIA (42)

In the records for **McKean County** (083), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **Mc Kean County**.

TENNESSEE (47)

In the records for **Eastview-Ramer division** (county subdivision—census code 013—in McNairy County—109), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **East View-Ramer division**.

WASHINGTON (53)

In the records for **Fort Lewis-DuPont division** (county subdivision—census code 020—in Pierce County—053), the name (beginning in position 192 in the identification section of the data dictionary) is shown incorrectly as **Fort Lewis-Du Pont division**.

August 1991



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 13

(Selected States)

The FIPS 55 5-digit place code for certain geographic entities is incorrect in the P... 94-171 Data files, the 1990 census summary tape files, and the various TIGER extract products, and on the County Block Maps. Bold type identifies the correct entry. All codes are for places (beginning in position 116 in the identification section of the data dictionary) unless otherwise noted.

ALASKA (02)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Polk Inlet CDP	61940	62040

ARIZONA (04)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Heber-Overgaard CDP	32410	32310

FLORIDA (12)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Country Club CDP	15055	14895
Country Club Trail CDP	15065	15020
Jacksonville city (remainder)	35160	35005
Lake Sarasota CDP	38710	38690

VIRGINIA (51)

<u>Name</u>	Shown <u>As</u>	Correct <u>Code</u>
Arlington County* (Arlington County(013))	99013	90060

* County subdivision—FIPS 55 place code begins in position 80 in the identification section of the data dictionary.

August 1991



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 14

(New Jersey)

All references to Congressional District 15 in the 1990 census P.L. 94-171 Data file, the summary tape files, and the various TIGER extract products are in error. This error is located in Warren County (county code: 041), Knowlton township (county subdivision code: 065), outside of any census-recognized place (place code: 9999), census tract 325, block 192; in the TIGER extract files, this error also applies to water blocks 199A and 199B. The correct congressional district for this area is the 12th. There is no population or housing involved.

September 1991



**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

**TECHNICAL NOTE 15
(Selected States)**

The FIPS 55 2-character class code for certain geographic entities is incorrect in the P.L. 94-171 Data files, the 1990 census summary tape files, and the various TIGER extract products. **Bold type identifies the correct entry.** All codes are for places unless otherwise noted.

California (06)

Name (census code/FIPS code)

La Riviera CDP (1483/40410)

Shown	Correct
<u>As</u>	<u>Code</u>
U2	U1

Delaware (10)

Name (census code/FIPS code)

Rising Sun-Lebanon CDP (0218/61265)

Shown	Correct
<u>As</u>	<u>Code</u>
U1	U2

Florida (12)

Name (census code/FIPS code)

Crystal River city (0450/15775)

Hawthorne CDP (0846/29300)

High Point CDP (0883/30494)

Lakeside CDP (1156/38813)

Oak Ridge CDP (1543/50638)

St. Augustine South CDP (1888/62562)

University West CDP (2127/73306)

Shown	Correct
<u>As</u>	<u>Code</u>
U2	C1
U2	U1
U1	U2
U1	U2

Georgia (13)

Name (census code/FIPS code)

Georgetown CDP (1187/32482)

Midway-Hardwick CDP (1835/51394)

Mountain Park CDP (1947/53186)

Skidaway Island CDP (2601/71184)

Shown	Correct
<u>As</u>	<u>Code</u>
U2	U1
U1	U2
U2	U1
U2	U1

Illinois (17)

Name (census code/FIPS code)

Glenbard South CDP (2203/29609)

Shown	Correct
<u>As</u>	<u>Code</u>
U1	U2

Maine (23)

Name (census code/FIPS code)

Livermore Falls CDP (2620/40805)

Penobscot Reservation and Trust Lands (2760/57955)

Pleasant Point Reservation (2850/59635)

Shown	Correct
<u>As</u>	<u>Code</u>
U2	U1
D1	D2
D1	D2

Note: The FIPS class code error for Penobscot and Pleasant Point is for reservations. Penobscot Reservation records are shown correctly as D2, but records that identify trust lands are shown incorrectly as D1.

Maryland (24)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
Baltimore city (0025/04000)	C5	C7

Note: Baltimore city also serves as a county equivalent (FIPS county code: 510) and is independent of any MCD; this correction also applies to the FIPS class code for the MCD record.

Massachusetts (25)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
Barnstable Village CDP (0265/03695)	U1	U2
Millis-Clicquot CDP (2580/41532)	U1	U2

Michigan (26)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
Bloomfield Township CDP (0282/09190)	U1	U2

Note: This correction was reported in an earlier Technical Note as applying only to the P.L. 94-171 Data file.

Linden city (1555/47820)	C1	C5
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Missouri (29)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
St. Louis city (3875/65000)	C5	C7

Note: St. Louis city also serves as a county equivalent (FIPS county code: 510) and is independent of any MCD; this correction also applies to the FIPS class code for the MCD record.

Nevada (32)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
Carson City (0025/09700)	C1	C7

New York (36)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
Big Flats Airport CDP (0322/06574)	U1	U2
Newfield Hamlet CDP (2471/50257)	U1	U2
Northeast Ithaca CDP (2542/51915)	U1	U2
Northwest Ithaca CDP (2609/53853)	U1	U2
Rosendale Village CDP (3140/63742)	U1	U2

Ohio (39)

<u>Name (census code/FIPS code)</u>	Shown <u>As</u>	Correct <u>Code</u>
Bridgetown North CDP (0528/08605)	U1	U2
Columbus city (0960/18000)	C1	C2
Fostoria city (1420/28014)	C1	C5
Granville South CDP (1627/31434)	U1	U2
Mack North CDP (2388/46151)	U1	U2
Mack South CDP (2392/46162)	U1	U2
Monfort Heights East CDP (2742/51214)	U1	U2
Monfort Heights South CDP (2744/51216)	U1	U2
Sandusky South CDP (3835/70422)	U1	U2
Sharonville city (3915/71892)	C1	C2
Turnpike Interchange CDP (4302/77825)	U1	U2
White Oak East CDP (4692/84831)	U1	U2
White Oak West CDP (4694/84864)	U1	U2

Norton city (0895/57688) (720)	C5	C7
Petersburg city (0960/61832) (730)	C5	C7
Poquoson city (0990/63768) (735)	C5	C7
Portsmouth city (0990/64000) (740)	C5	C7
Radford city (1015/65392) (750)	C5	C7
Richmond city (1035/67000) (760)	C5	C7
Roanoke city (1045/68000) (770)	C5	C7
Salem city (1080/70000) (775)	C5	C7
South Boston city (1135/73712) (780)	C5	C7
Staunton city (1165/75216) (790)	C5	C7
Suffolk city (1200/76432) (800)	C5	C7
Virginia Beach city (1280/82000) (810)	C5	C7
Waynesboro city (1315/83680) (820)	C5	C7
Williamsburg city (1340/86160) (830)	C5	C7
Winchester city (1345/86720) (840)	C5	C7

Note: The cities in Virginia also serve as county equivalents (codes are shown parenthetically above) and are independent of any MCD; this correction also applies to the FIPS class code for the MCD records.

Washington (53)

<u>Name (census code/FIPS code)</u>	<u>Shown</u>	<u>Correct</u>
Alderwood Manor-Bothell North CDP (0017/01178)	A2	U2
Carson River Valley CDP (0157/10325)	U1	U2
Cascade Park East CDP (0160/10430)	U1	U2
Cascade Park West CDP (0161/10440)	U1	U2
Ellsworth North CDP (0382/21420)	U1	U2
Ellsworth South CDP (0383/21425)	U1	U2
Hazel Dell South CDP (0558/30319)	U1	U2
Lake Forest North CDP (0657/37252)	U1	U2
Lakeland North CDP (0660/37420)	U1	U2
Lakeland South CDP (0661/37430)	U1	U2
Moses Lake North CDP (0807/47280)	U1	U2
Nespelem Community CDP (0857/48550)	U1	U2
Nisqually Indian Community CDP (0864/49193)	U1	U2
Orchards South CDP (0934/51800)	U1	U2
Port Angeles East CDP (0995/55400)	U1	U2
Sea-Tac CDP (1139/62288)	U2	U1
South Wenatchee CDP (1211/66185)	U2	U1
Vancouver Mall CDP (1352/74137)	U1	U2
Walla Walla East CDP (1370/75810)	U1	U2
Westside Highway CDP (1427/77745)	U1	U2

Wisconsin (55)

<u>Name (census code/FIPS code)</u>	<u>Shown</u>	<u>Correct</u>
Bellevue Town CDP (0207/06362)	A2	U2
	U1	U2



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, D.C. 20233

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 16

As described in the How to Use This File chapter of the technical documentation, the Summary Tape File 1B for each state has an associated Geographic Header file. Geographic summaries for blocks containing population and housing unit counts of zero have been eliminated from the data file but are in the Geographic Headers file. The first 300 characters of the STF 1B data file and the 300 characters of the associated STF 1B Geographic Header file will match for the same geographic entities with the following exceptions:

Portion of the File Identification	Positions 6-8
Characteristic Iteration	Positions 16-18
Logical Record Number	Positions 19-24
Logical Record Part Number	Positions 25-28
Total Number of Parts in Record	Positions 29-32
Internal Use Code (First Six Positions)	Positions 91-96

September 1991



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1**

USER NOTE 6

Please replace page 1-3 in the Abstract chapter of your technical documentation with the attached revised page. The second sentence under File Availability is incorrect.

December 1991

TECHNICAL DESCRIPTION

STF 1 data files have a record size of 9,610 characters divided into two record segments of 4,805 characters each. The first 300 characters of each segment contain geographic information.

FILE AVAILABILITY

STF 1A, 1B, and 1D files are available for each State and the District of Columbia and are released on a State-by-State basis. STF 1C is available as a single file for the entire United States. All files are available from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. (See previous page for phone and FAX information.) A machine-readable data dictionary is included on the tape without charge. Options include 6250 or 1600 bpi, ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. When ordering, please use the order form at the end of this chapter.

Files for the individual States are priced according to the number of megabytes of data they contain; each megabyte is priced at \$1.25 regardless of the tape specifications. The minimum charge for a computer tape or tape cartridge order is \$175 for one or more State files within a single file series (STF 1A, STF 1B,

etc). See figure 1 on page 1-4 for a chart containing preliminary estimates of the number of megabytes for each State STF 1A and STF 1B file. (Information on STF 1C and 1D will be available later from Customer Services.) Please note that multiple-State orders will be filled only when all of the requested States become available.

Pricing Example 1. The STF 1A data for California contains 664 megabytes and is priced at \$830.

Pricing Example 2. The STF 1A data for Delaware contains 18 megabytes but is priced at \$175 because it is subject to the minimum-charge requirement.

Pricing Example 3. An STF 1B data order for North Dakota, South Dakota, Minnesota, and Wisconsin contains 5,454 megabytes and is priced at \$6,818.

On STF 1B, records are not included for blocks which have zero population and housing units. An additional file, Census of Population and Housing, 1990: Summary Tape File 1B Geographic Headers contains the geographic headers (first 300 characters of each segment) in hierarchical order for the State, county, county subdivision, place (or place part), census tract/BNA (or census tract/BNA part), block group (or block group part), and block summary levels, including blocks with population and housing unit counts of zero. This file is included without charge with all STF 1B file orders.

Figure 1. STF 1A and STF 1B Tapes Preliminary Price Schedule

Megabyte (MB) estimates for States are preliminary and are expected to change. Before placing an order, contact Customer Services (301-763-4100) for final cost information. Please note that the minimum charge for any order is \$175.

State	STF 1A		STF 1B	
	MB (estimate)	Cost @\$1.25 per MB ² (dollars)	MB (estimate)	Cost @\$1.25 per MB ² (dollars)
Alabama	144	180	1,752	2,190
Alaska	26	32 ²	186	233
Arizona	105	131 ²	1,074	1,342
Arkansas	142	177	1,403	1,753
California	664	830	4,410	5,513
Colorado	117	147 ²	1,220	1,525
Connecticut	81	101 ²	567	708
Delaware	18	22 ²	163	204
District of Columbia	16	20 ²	65	82 ²
Florida	291	363	3,193	3,991
Georgia	181	226	2,083	2,604
Hawaii	19	24 ²	147	183
Idaho	43	53 ²	595	744
Illinois	446	558	3,248	4,060
Indiana	212	266	2,038	2,547
Iowa	171	214	1,604	2,006
Kansas	145	181	1,690	2,113
Kentucky	127	159 ²	1,320	1,650
Louisiana	173	216	1,504	1,881
Maine	42	52 ²	533	667
Maryland	124	155 ²	831	1,039
Massachusetts	149	187	1,137	1,422
Michigan	325	406	2,604	3,254
Minnesota	216	270	1,878	2,347
Mississippi	118	148 ²	1,222	1,528
Missouri	242	303	2,168	2,710
Montana	38	47 ²	617	771
Nebraska	105	131 ²	1,154	1,442
Nevada	27	34 ²	327	409
New Hampshire	29	37 ²	352	440
New Jersey	195	244	1,395	1,743
New Mexico	57	71 ²	816	1,020
New York	478	598	3,108	3,885
North Carolina	249	311	2,359	2,949
North Dakota	82	103 ²	886	1,108
Ohio	386	482	2,757	3,447
Oklahoma	136	170 ²	1,673	2,092
Oregon	95	119 ²	1,082	1,353
Pennsylvania	364	455	3,342	4,178
Rhode Island	25	31 ²	211	263
South Carolina	111	138 ²	1,417	1,772
South Dakota	66	82 ²	736	920
Tennessee	149	187	1,764	2,205
Texas	524	655	5,442	6,803
Utah	53	66 ²	484	605
Vermont	20	25 ²	239	299
Virginia	165	207	1,551	1,939
Washington	152	190	1,383	1,729
West Virginia	79	98 ²	766	958
Wisconsin	220	276	1,954	2,442
Wyoming	28	35 ²	538	673
All States	8,170	10,213	74,988	93,741

²Subject to a minimum charge of \$175 per order.



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

March, 1992

**To: Census of Population and Housing, 1990: Summary Tape File 1
Data Users**

**From: Data User Services Division
Bureau of the Census**

Attached are User Note 7 and Technical Notes 17-18 for the Summary Tape File 1 data. Please file this user note in the technical documentation as directed. We also suggest filing the technical notes in the technical documentation notebook. User Notes 1-6 and Technical Notes 1-16 were released in earlier distributions.

These notes are sent automatically without charge to Census Bureau tape purchasers. They are available to others on a subscription basis at a cost of \$40 annually. To subscribe, contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233.

Both user notes and technical notes are available upon release from the State and Regional Programs electronic bulletin board. The bulletin board can be accessed on 301-763-7554.



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1**

USER NOTE 7

Please replace page 6-2 of the Summary Level Sequence Charts chapter with the attached revised copy. The summary level area description has

been corrected to include Urbanized Area/
Remainder for summary level code 090.

March 1992

USER NOTES

7-15

SUMMARY LEVEL SEQUENCE CHARTS

STF 1A

<u>Summary level area</u>	<u>Summary level code</u>	<u>Geographic component code</u>
State	040	00 40 42 43 44
State—County	050	00
State—County—County Subdivision	060	00
State—County—County Subdivision—Place/Remainder	070	00
State—County—County Subdivision—Place/Remainder—Census Tract/ Block Numbering Area	080	00
State—County—County Subdivision—Place/Remainder—Census Tract/ Block Numbering Area—American Indian/Alaska Native Area/ Remainder—Reservation/Trust Lands/Remainder—Alaska Native Regional Corporation/Remainder—Congressional District—Block Group	091	00
State—County—Census Tract/Block Numbering Area	140	00
State—County—Census Tract/Block Numbering Area—Block Group	150	00
State—Place—County	155	00
State—Place	160	00
State—Consolidated City	170	00
State—American Indian Reservation with Trust Lands	210	00
State—American Indian Reservation with Trust Lands; reservation only	211	00
American Indian Reservation [reservation with or without trust lands; reservation only]/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/ Alaska Native Village Statistical Area—State—County	220	00
State—American Indian Reservation with Trust Lands; trust lands only	212	00
American Indian Trust Lands [trust lands with or without reservation; trust lands only]—State—County	221	00
State—American Indian Reservation with no Trust Lands/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area	215	00
American Indian Reservation [reservation with or without trust lands; reservation only]/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area—State—County	220	00
State—American Indian Trust Lands [trust lands with no reservation]	216	00
American Indian Trust Lands [trust lands with or without reservation; trust lands only]—State—County	221	00
State—Alaska Native Regional Corporation	230	00
State—Congressional District (101st)	500	00

STF 1B

Summary level area	Summary level code	Geographic component code
State	040	00 40 43 44
State—County	050	00
State—County—County Subdivision	060	00
State—County—County Subdivision—Place/Remainder	070	00
State—County—County Subdivision—Place/Remainder—Census Tract/ Block Numbering Area	080	00
State—County—County Subdivision—Place/Remainder—Census Tract/Block Numbering Area—American Indian/Alaska Native Area/ Remainder—Reservation/Trust Lands/Remainder—Alaska Native Regional Corporation/Remainder—Urbanized Area/ Remainder—Urban/Rural—Congressional District—Block Group	090	00
State—County—County Subdivision—Place/Remainder—Census Tract/Block Numbering Area—American Indian/Alaska Native Area/ Remainder—Reservation/Trust Lands/Remainder—Alaska Native Regional Corporation/Remainder—Urban/ Rural—Congressional District—Block Group—Block	100	00
State—County—Census Tract/Block Numbering Area	140	00
State—County—Census Tract/Block Numbering Area—Block Group	150	00
State—Place—County	155	00 13 14
State—Place	160	00 13 14
State—Consolidated City	170	00
State—American Indian Reservation with Trust Lands	210	00
State—American Indian Reservation with Trust Lands; reservation only	211	00
American Indian Reservation [reservation with or without trust lands; reservation only]/Tribal Jurisdiction Statistical Area/ Tribal Designated Statistical Area/Alaska Native Village Statistical Area—State—County	220	00
State—American Indian Reservation with Trust Lands; trust lands only	212	00
American Indian Trust Lands [trust lands with or without reservation; trust lands only]—State—County	221	00
State—American Indian Reservation with no Trust Lands/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area	215	00
American Indian Reservation [reservation with or without trust lands; reservation only]/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area—State—County	220	00



**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 17

(Selected States)

Names and/or various codes for certain geographic entities are incorrect in the P.L. 94-171 data files, the 1990 census summary tape files, and the various TIGER extract products. Those marked with an asterisk also are shown incorrectly in the published data products and/or on the census maps. Bold type identifies the correct entry.

Alabama (01)

In the records for Selmont-West Selmont CDP (place: census code 1557; FIPS code 69180), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

In the records for Underwood-Petersville CDP (place: census code 1731; FIPS code 77580), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

In the records for West End-Cobb Town CDP (place: census code 1816; FIPS code 81084), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

Arizona (04)

* In the records for **Colorado River Reservation, AZ-CA (pt.)** (American Indian reservation: census code 0735; FIPS code 14940), the name is shown incorrectly as Colorado River Reservation, AZ-CA; also, the part flag should be shown as 1 (it is shown incorrectly as 0).

* In the records for **Fort Yuma (Quechan) Reservation, AZ-CA (pt.)** (American Indian reservation: census code 1280; FIPS code 25100), the name is shown incorrectly as Fort Yuma (Quechan) Reservation, AZ-CA; also, the part flag should be shown as 1 (it is shown incorrectly as 0).

* In the records for Tsalle CDP (place: census code 0377), the FIPS code should be shown as **75660** (it is shown incorrectly as 75600).

Arkansas (05)

In the records for Cherokee Village-Hidden Valley CDP (place: census code 1557; FIPS code 69180), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

In the records for Parker-Iron Springs CDP (place: census code 1577; FIPS code 53555), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

California (06)

* In the records for **Colorado River Reservation, AZ-CA (pt.)** (American Indian reservation: census code 0735; FIPS code 14876), the name is shown incorrectly as Colorado River Reservation, AZ-CA; also, the part flag should be shown as 1 (it is shown incorrectly as 0).

* In the records for **Coto de Caza CDP** (place: census code 0630; FIPS code 16580), the name is shown incorrectly as Coto De Caza.

* In the records for **Fort Yuma (Quechan) Reservation, AZ-CA (pt.)** (American Indian reservation: census code 1280; FIPS code 25324), the name is shown incorrectly as Fort Yuma (Quechan) Reservation, AZ--CA; also, the part flag should be shown as 1 (it is shown incorrectly as 0).

* In the records for **Lake of the Pines CDP** (place: census code 1443; FIPS code 39690), the name is shown incorrectly as Lake Of The Pines.

Connecticut (09)

In the records for the following CDP's, the FIPS class code should be shown as **U2** (it is shown incorrectly as U1):

<u>Name</u>	<u>Census Code</u>	<u>FIPS Code</u>
Bethlehem Village CDP	0135	04945
Central Manchester CDP	0353	13435
Central Somers CDP	0355	13445
Central Waterford CDP	0357	13495
Cheshire Village CDP	0379	14200
Conning Towers-Nautilus Park CDP	0480	16960
Essex Village CDP	0760	26370
Northwest Harwinton CDP	1625	55725
Plainfield Village CDP	1730	60090
Putnam District CDP	1855	62745

Delaware (10)

In the records for **Dover Base Housing CDP** (place: census code 0076; FIPS code 21355), the place description code should be shown as **E** (it is shown incorrectly as D).

In the records for **Highland Acres CDP** (place: census code 0132; FIPS code 34810), the place description code should be shown as **E** (it is shown incorrectly as D).

In the records for **Kent Acres CDP** (place: census code 0136; FIPS code 38710), the place description code should be shown as **E** (it is shown incorrectly as D).

In the records for **Pike Creek CDP** (place: census code 0216; FIPS code 56490), the place description code should be shown as **D** (it is shown incorrectly as E).

In the records for **Rising Sun-Lebanon CDP** (place: census code 0218; FIPS code 61265), the place description code should be shown as **E** (it is shown incorrectly as D).

In the records for **Rodney Village CDP** (place: census code 0222; FIPS code 61720), the place description code should be shown as **E** (it is shown incorrectly as D).

In the records for **Woodside East CDP** (place: census code 0263; FIPS code 80895), the place description code should be shown as **E** (it is shown incorrectly as D).

Hawaii (15)

In the records for **Ewa Gentry CDP** (place: census code 0031; FIPS code 07470), the place description code should be shown as **E** (it is shown incorrectly as D).

In the records for **Village Park CDP** (place: census code 0407; FIPS code 72255), the place description code should be shown as **E** (it is shown incorrectly as D).

* In the records for **Waihee-Waiehu CDP** (place: census code 0434; FIPS code 75510), the name is shown incorrectly as Waihee-Waihue.

Maryland (24)

In the records for Arbutus CDP (place: census code 0014; FIPS code 01975), the FIPS class code should be shown as U1 (it is shown incorrectly as U2).

In the records for Joppatowne CDP (place: census code 0518; FIPS code 42875), the FIPS class code should be shown as U1 (it is shown incorrectly as U2).

In the records for Lutherville-Timonium CDP (place: census code 0597; FIPS code 48900), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

In the records for Westminster South CDP (place: census code 1031; FIPS code 83125), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

Nebraska (31)

* In the records for Offutt AFB CDP (place: census code 1814; FIPS code 35945), the name is shown incorrectly as Offutt AFB West.

New Jersey (34)

In the records for Hanover Township CDP (place: census code 2087; FIPS code 296550), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

In the records for Holiday City South CDP (place: census code 2200; FIPS code 32418), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

New Mexico (35)

In the records for Ranchos de Taos CDP (place: census code 0321; FIPS code 61710), the FIPS class code should be shown as U1 (it is shown incorrectly as U2).

In the records for Rio Communities CDP (place: census code 0331; FIPS code 63145), the FIPS class code should be shown as U2 (it is shown incorrectly as U1).

Tennessee (47)

In the records for Lynchburg, Moore County (place: census code 0850; FIPS code 91096), the FIPS class code should be shown as C1 (it is shown incorrectly as C7).

West Virginia (54)

* In the records for Sand Fork (Layopolls) town (incorporated place: census code 1433; FIPS code 71620), the name is shown incorrectly as Sand Fork.



**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 18

(Selected States)

Names and/or various codes for certain geographic entities are incorrect in the P.L. 94-171 data files, the 1990 census summary tape files, and the various TIGER extract products. Those marked with an asterisk also are shown incorrectly on the census maps. Bold type identifies the correct entry.

Florida (12)

- * In the records for Jacksonville city (remainder), the census place code should be shown as **1000** and the FIPS 55 place code should be shown as **35005**. These codes are shown incorrectly as 1003 and 35000 in the P.L. 94-171 data products and as 1003 and 35160 in the 1990 census summary tape files.
- * In the records for Jacksonville Beach city (place: FIPS 55 place code 35050), the census place code should be shown as **1006** (it is shown incorrectly as 1002).

North Dakota (38)

- * In the records for Turtle Mountain unorg. (MCD equivalent in Rolette County (079): census code 545, FIPS 55 code **80010**), the name and FIPS 55 code are shown incorrectly as Turtle Mountains and 80030.

Tennessee (47)

- * In the records for Lynchburg, Moore County (place: census code 0650), the FIPS 55 code and class code should be shown as **44382** and **C1** (they are shown incorrectly as 44380 and C7).

March 1992



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

August, 1992

**To: Census of Population and Housing, 1990: Summary Tape File 1
Data Users**

**From: Data User Services Division
Bureau of the Census**

Attached are User Notes 8-9 and Technical Notes 19-21 for the Summary Tape File 1 data. Please file these user notes in the technical documentation as directed. We also suggest filing the technical notes in the technical documentation notebook. User Notes 1-7 and Technical Notes 1-18 were released in earlier distributions.

These notes are sent automatically without charge to Census Bureau tape purchasers. They are available to others on a subscription basis at a cost of \$40 annually. To subscribe, contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233.

Both user notes and technical notes are available upon release from the State and Regional Programs electronic bulletin board. The bulletin board can be accessed on 301-763-7554.



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1**

USER NOTE 8

Appendix G. The latitude and longitude values shown by tick marks in the margins of the County Sub-division Outline Maps in appendix G are approximate.

They are shown only for general reference. They are displayed accurately on the State and County Outline Maps.

April 1992



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1**

USER NOTE 9

Please replace page 6-6 of the Summary Level Sequence Charts chapter with the attached revised copy.

July 1992

<u>Summary level area</u>	<u>Summary level code</u>	<u>Geographic component code</u>
American Indian Reservation [reservation with or without trust lands; reservation only]/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area—State—County	220	00
American Indian Trust Lands [trust lands with no reservation]	204	00
American Indian Trust Lands [trust lands with no reservation]—State	208	00
American Indian Trust Lands [trust lands with or without reservation; trust lands only]—State—County	221	00
State—Alaska Native Regional Corporation	230	00
Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area	300	00 23 24
Metropolitan Statistical Area [no CMSAs]—State—Central City	340	00
Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area—State	310	00
Metropolitan Statistical Area [no CMSAs]—State—County	329	00
Consolidated Metropolitan Statistical Area—Primary Metropolitan Statistical Area	301	00 23 24
Consolidated Metropolitan Statistical Area—Primary Metropolitan Statistical Area—State—Central City	341	00
Consolidated Metropolitan Statistical Area—Primary Metropolitan Statistical Area—State	311	00
Consolidated Metropolitan Statistical Area—Primary Metropolitan Statistical Area—State—County	331	00
Urbanized Area	400	00 03 04
Urbanized Area—State—Central Place	460	00
Urbanized Area—State	410	00 03 04
Urbanized Area—State—County	430	00
Urbanized Area—State—County—County Subdivision	440	00
Urbanized Area—State—County—County Subdivision—Place	450	00

Summary level area	Summary level code	Geographic component code
State	040	00
State—Congressional District (103rd)	501	00 40 42-44
State—Congressional District (103rd)—County	510	00
State [12 States only—CT, ME, MA, MI, MN, NH, NJ, NY, PA, RI, VT, WI]—Congressional District (103rd)—County—County Subdivision [10,000 or more persons]	520	00
State—Congressional District (103rd)—Place [10,000 or more persons]	530	00
State—Congressional District (103rd)—Consolidated City [10,000 or more persons]	540	00
State—Congressional District (103rd)—American Indian/Alaska Native Area [reservation including trust lands, if any]	550	00
State—Congressional District (103rd)—American Indian Reservation with Trust Lands: reservations only	551	00
State—Congressional District (103rd)—American Indian Reservation with Trust Lands: trust lands only]	552	00
State—Congressional District (103rd)—Alaska Native Regional Corporation	560	00



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

**CENSUS OF POPULATION AND HOUSING, 1990:
SUMMARY TAPE FILE 1 DATA**

TECHNICAL NOTE 19

(Selected States)

Names and/or various codes for certain geographic entities are incorrect in specific 1990 census files and publications. Bold type identifies the correct entry.

Arkansas (05)

Springdale city is located in two counties. The whole city serves as the central place of an urbanized area; however, only that part of the city in Washington County (143) is the central city of the metropolitan area. The place description of the whole place should be **5** and that part of the city in Benton County (007) should be **2** (they are shown incorrectly as 3--which is the correct place description for that part of the city in Washington County). Also, as the central city of a metropolitan area, the name should be shown as **Springdale city (pt.)** and the part flag should be **1** (the name and part flag are shown incorrectly as "Springdale city" and "0"). The name is shown incorrectly in publications and data files that contain metropolitan area records. The codes are shown incorrectly in the data files.

New York (36)

In the records for **Wynantskill CDP** (place: census code 4067, FIPS 55 code **83349**), the name and FIPS 55 code are shown incorrectly as **Wyantskill CDP** and **83300**. This correction applies to all data files, publications, and TIGER extract files.

Ohio (39)

Only that part of **Alliance city** (place: census code 0055, FIPS 55 code 01420) in Stark County (151) is the central city of a metropolitan area; the name of the central city should be shown as **Alliance city (pt.)** and the part flag should be **1** (the name and part flag are shown incorrectly as "Alliance city" and "0"). The name is shown incorrectly in publications and data files that contain metropolitan area records. The part flag is shown incorrectly in the data files that contain metropolitan area records.

April 1992



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

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 1 DATA

TECHNICAL NOTE 20

(Selected States)

Names and/or various codes for certain geographic entities are incorrect in specific 1990 census files and publications. Bold type identifies the correct entry.

Colorado (08)

In the records for **Bonanza town** (place: census code 0100, FIPS 55 code 07571), the name and FIPS 55 code are shown incorrectly as Bonanza City town and 07575 respectively.

Illinois (17)

In the records for **Greenview No. 6 precinct** (county subdivision (Menard County (129): census code 020, FIPS 55 code 91566), the name is shown incorrectly as Greenview No. 16 precinct.

Kansas (20)

In the records for **Jefferson township** (county subdivision—Jefferson County (087): census code 015, FIPS 55 code 35250), the name is shown incorrectly as Jefferson No. 10 township.

Michigan (26)

In the records for **Coloma Charter township** (county subdivision—Berrien County (021): census code 060, FIPS 55 code 17345), the name and FIPS 55 code are shown incorrectly as Coloma township and 17340 respectively.

In the records for **Delta Charter township** (county subdivision—Eaton County (045): census code 035, FIPS 55 code 21527), the name and FIPS 55 code are shown incorrectly as Delta township and 21520 respectively.

In the records for **Redford township** (county subdivision—Wayne County (183): census code 145, FIPS 55 code 67625), the FIPS 55 code is shown incorrectly as 67660.

In the records for **Windsor Charter township** (county subdivision—Eaton County (045): census code 100, FIPS 55 code 87845), the name and FIPS 55 code are shown incorrectly as Windsor township and 87840 respectively.

Missouri (29)

In the records for **Heath Creek township** (county subdivision—Pettis County (159): census code 040, FIPS 55 code 31362), the name and FIPS 55 code are shown incorrectly as Heaths Creek township and 31366 respectively.

Nebraska (31)

In the records for **Bismark township** (county subdivision—Cuming County (039): census code 015, FIPS 55 code 05063), the name and FIPS 55 code are shown incorrectly as Bismarck township and 05035 respectively.