

Table C. Standard Error Design Factors—Nebraska

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.8 | 0.4 |
| Household type and relationship..... | 1.2 | 1.1 | 0.7 | 0.5 |
| Children ever born..... | 2.5 | 2.3 | 1.8 | 1.4 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 1.8 | 1.6 | 1.1 | 0.8 |
| Place of birth..... | 2.1 | 2.0 | 1.4 | 1.1 |
| Citizenship..... | 1.7 | 1.4 | 1.0 | 0.7 |
| Residence in 1985..... | 2.0 | 1.8 | 1.2 | 0.9 |
| Year of entry..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.9 | 0.6 |
| Educational attainment..... | 1.3 | 1.1 | 0.7 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.1 | 2.1 | 1.5 | 1.0 |
| Household type..... | 1.2 | 1.1 | 0.7 | 0.5 |
| Family type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 0.9 | 0.8 | 0.7 | 0.7 |
| Subfamily type and presence of children..... | 1.2 | 0.9 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.8 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.1 | 0.7 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.8 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.3 | 1.1 | 0.7 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.0 | 0.9 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Sewage disposal..... | 1.0 | 1.0 | 0.6 | 0.4 |
| House heating fuel..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Nevada

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 0.9 | 0.5 | 0.5 |
| Household type and relationship..... | 1.3 | 1.1 | 0.6 | 0.6 |
| Children ever born..... | 2.6 | 2.2 | 1.3 | 1.3 |
| Work disability and mobility limitation status..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.1 | 1.7 | 0.9 | 0.9 |
| Place of birth..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Citizenship..... | 1.8 | 1.4 | 0.8 | 0.7 |
| Residence in 1985..... | 2.0 | 1.7 | 1.0 | 0.9 |
| Year of entry..... | 1.5 | 1.2 | 0.6 | 0.6 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.4 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.9 | 1.4 | 0.8 | 0.7 |
| Type of residence (urban/ rural)..... | 2.2 | 2.2 | 1.7 | 1.5 |
| Household type..... | 1.3 | 1.1 | 0.6 | 0.6 |
| Family type..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 1.1 | 1.0 | 1.0 | 1.0 |
| Subfamily type and presence of children..... | 1.3 | 1.0 | 0.6 | 0.6 |
| Employment status..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.6 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Place of work..... | 1.6 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.5 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.5 | 1.1 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/ rural)..... | 1.1 | 0.9 | 0.5 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.4 | 1.0 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.5 | 1.1 | 0.5 | 0.4 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—New Hampshire

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.5 | 0.5 |
| Household type and relationship..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.2 | 1.3 | 1.2 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Ancestry..... | 1.9 | 1.6 | 0.9 | 0.8 |
| Place of birth..... | 1.9 | 1.6 | 0.9 | 0.8 |
| Citizenship..... | 1.8 | 1.5 | 0.9 | 0.8 |
| Residence in 1985..... | 2.0 | 1.8 | 1.0 | 0.9 |
| Year of entry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.6 |
| School enrollment..... | 1.8 | 1.5 | 0.9 | 0.8 |
| Type of residence (urban/rural)..... | 2.1 | 1.8 | 1.0 | 0.9 |
| Household type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Group quarters..... | 0.8 | 0.8 | 0.8 | 0.7 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Number of workers in family..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Place of work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.2 | 0.9 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal..... | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—New Jersey

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.1 | 1.3 | 1.0 |
| Work disability and mobility limitation status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Ancestry..... | 2.1 | 1.7 | 0.9 | 0.7 |
| Place of birth..... | 2.0 | 1.7 | 1.0 | 0.8 |
| Citizenship..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Residence in 1985..... | 2.2 | 1.9 | 1.0 | 0.9 |
| Year of entry..... | 1.6 | 1.3 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.4 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/ rural)..... | 2.2 | 1.9 | 1.4 | 0.8 |
| Household type..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Group quarters..... | 1.1 | 0.9 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.1 | 0.6 | 0.6 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.6 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/ rural)..... | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Gross rent..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.2 | 0.6 | 0.6 |
| Sewage disposal..... | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—New York

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.2 | 1.3 | 1.1 |
| Work disability and mobility limitation status..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.1 | 1.6 | 0.9 | 0.8 |
| Place of birth..... | 2.4 | 2.4 | 1.4 | 1.2 |
| Citizenship..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Residence in 1985..... | 2.3 | 1.9 | 1.1 | 0.9 |
| Year of entry..... | 1.6 | 1.2 | 0.8 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.4 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.1 | 1.8 | 1.7 | 1.5 |
| Household type..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.1 | 0.8 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.3 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.5 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.3 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.7 | 1.3 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.3 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.7 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in 1989..... | 1.3 | 1.0 | 0.5 | 0.5 |
| Year structure built..... | 1.3 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.4 | 1.0 | 0.6 | 0.5 |
| Source of water, plumbing facilities..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—New Mexico

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Household type and relationship..... | 1.3 | 1.1 | 0.7 | 0.6 |
| Children ever born..... | 2.9 | 2.5 | 1.7 | 1.4 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.4 | 2.0 | 1.4 | 1.2 |
| Place of birth..... | 2.0 | 1.7 | 1.3 | 1.1 |
| Citizenship..... | 1.8 | 1.5 | 1.0 | 0.8 |
| Residence in 1985..... | 2.1 | 1.9 | 1.2 | 1.0 |
| Year of entry..... | 1.4 | 1.1 | 0.7 | 0.6 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.3 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.7 | 0.6 |
| School enrollment..... | 1.7 | 1.5 | 0.9 | 0.8 |
| Type of residence (urban/rural)..... | 2.6 | 2.6 | 1.4 | 1.4 |
| Household type..... | 1.3 | 1.1 | 0.7 | 0.6 |
| Family type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.9 | 0.9 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.6 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.8 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.2 | 0.8 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—North Carolina

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Household type and relationship..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.5 | 1.6 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.3 | 2.0 | 1.0 | 0.9 |
| Place of birth..... | 2.4 | 2.2 | 1.1 | 1.1 |
| Citizenship..... | 1.8 | 1.6 | 0.9 | 0.7 |
| Residence in 1985..... | 2.0 | 1.9 | 1.0 | 0.9 |
| Year of entry..... | 1.4 | 1.1 | 0.6 | 0.6 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.3 | 2.2 | 1.5 | 0.8 |
| Household type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Group quarters..... | 0.9 | 0.8 | 0.8 | 0.7 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.2 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.2 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.3 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.2 | 1.1 | 0.6 | 0.6 |
| Condominium status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—North Dakota

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex | 1.2 | 1.0 | 0.6 | 0.5 |
| Race | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race) | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status | 1.1 | 0.9 | 0.6 | 0.5 |
| Household type and relationship | 1.2 | 1.1 | 0.6 | 0.5 |
| Children ever born | 2.6 | 2.5 | 2.1 | 1.4 |
| Work disability and mobility limitation status | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry | 1.8 | 1.6 | 1.2 | 0.8 |
| Place of birth | 2.1 | 2.1 | 1.7 | 1.1 |
| Citizenship | 1.6 | 1.5 | 1.1 | 0.7 |
| Residence in 1985 | 2.0 | 1.8 | 1.5 | 0.9 |
| Year of entry | 1.3 | 1.0 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English | 1.6 | 1.3 | 1.0 | 0.6 |
| Educational attainment | 1.3 | 1.1 | 0.7 | 0.5 |
| School enrollment | 1.6 | 1.4 | 1.1 | 0.7 |
| Type of residence (urban/rural) | 2.2 | 2.2 | 1.7 | 0.9 |
| Household type | 1.2 | 1.1 | 0.8 | 0.5 |
| Family type | 1.2 | 1.0 | 0.7 | 0.5 |
| Group quarters | 0.7 | 0.7 | 0.7 | 0.7 |
| Subfamily type and presence of children | 1.2 | 0.9 | 0.6 | 0.5 |
| Employment status | 1.2 | 1.0 | 0.7 | 0.5 |
| Industry | 1.3 | 1.0 | 0.7 | 0.5 |
| Occupation | 1.2 | 1.0 | 0.7 | 0.5 |
| Class of worker | 1.4 | 1.1 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989 | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family | 1.4 | 1.1 | 0.8 | 0.5 |
| Place of work | 1.5 | 1.2 | 0.9 | 0.6 |
| Means of transportation to work | 1.4 | 1.1 | 0.8 | 0.5 |
| Travel time to work | 1.3 | 1.1 | 0.7 | 0.5 |
| Private vehicle occupancy | 1.5 | 1.1 | 0.8 | 0.6 |
| Time leaving home to go to work | 1.3 | 1.0 | 0.7 | 0.5 |
| Type of income in 1989 | 1.4 | 1.1 | 0.8 | 0.5 |
| Household income in 1989 | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989 | 1.2 | 1.0 | 0.7 | 0.5 |
| Poverty status in 1989 (persons) | 1.5 | 1.3 | 0.9 | 0.6 |
| Poverty status in 1989 (families) | 1.2 | 0.9 | 0.6 | 0.5 |
| Armed Forces and veteran status | 1.3 | 1.1 | 0.9 | 0.6 |
| HOUSING | | | | |
| Age of householder | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural) | 1.2 | 0.9 | 0.7 | 0.5 |
| Condominium status | 1.2 | 1.0 | 0.7 | 0.5 |
| Units in structure | 1.1 | 1.0 | 0.7 | 0.5 |
| Tenure | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status | 1.2 | 1.0 | 0.6 | 0.5 |
| Value | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms | 1.2 | 1.0 | 0.7 | 0.5 |
| Kitchen facilities | 1.4 | 1.4 | 0.9 | 0.5 |
| Source of water, plumbing facilities | 1.5 | 1.1 | 0.8 | 0.5 |
| Sewage disposal | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit | 1.2 | 1.0 | 0.7 | 0.5 |
| Vehicles available | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved into structure | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs | 1.2 | 0.9 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989 | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income | 1.2 | 0.9 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—Ohio
 [Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Children ever born..... | 2.6 | 2.3 | 1.3 | 1.1 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Ancestry..... | 1.9 | 1.7 | 0.9 | 0.8 |
| Place of birth..... | 2.3 | 2.2 | 1.2 | 1.0 |
| Citizenship..... | 1.8 | 1.5 | 0.8 | 0.7 |
| Residence in 1985..... | 2.0 | 1.9 | 0.9 | 0.9 |
| Year of entry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.7 | 0.6 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Type of residence (urban/rural)..... | 2.4 | 2.4 | 0.9 | 0.9 |
| Household type..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family type..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Travel time to work..... | 1.0 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.3 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.6 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.0 | 1.0 | 0.6 | 0.6 |
| Condominium status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure..... | 1.1 | 1.1 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Vehicles available..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Oklahoma

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.4 | 1.6 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Ancestry..... | 2.1 | 1.8 | 1.0 | 0.8 |
| Place of birth..... | 2.1 | 1.9 | 1.1 | 0.9 |
| Citizenship..... | 1.8 | 1.6 | 0.9 | 0.7 |
| Residence in 1985..... | 2.0 | 1.8 | 1.0 | 0.9 |
| Year of entry..... | 1.4 | 1.1 | 0.6 | 0.6 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Type of residence (urban/rural)..... | 2.5 | 2.5 | 1.5 | 1.3 |
| Household type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Number of workers in family..... | 1.3 | 1.2 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.2 | 0.6 | 0.6 |
| Sewage disposal..... | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Oregon

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.2 | 1.4 | 1.1 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 1.9 | 1.6 | 1.0 | 0.8 |
| Place of birth..... | 1.8 | 1.5 | 0.9 | 0.8 |
| Citizenship..... | 1.7 | 1.4 | 0.9 | 0.7 |
| Residence in 1985..... | 2.0 | 1.7 | 1.0 | 0.8 |
| Year of entry..... | 1.5 | 1.2 | 0.7 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.8 | 0.6 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.4 | 0.9 | 0.7 |
| Type of residence (urban/ rural)..... | 2.6 | 2.6 | 1.5 | 1.1 |
| Household type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 1.1 | 1.0 | 0.9 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.3 | 1.1 | 0.7 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/ rural)..... | 1.1 | 1.0 | 0.6 | 0.6 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.1 | 0.8 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—Pennsylvania
 [Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.3 | 1.3 | 1.1 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Ancestry..... | 1.9 | 1.6 | 0.9 | 0.8 |
| Place of birth..... | 2.6 | 2.3 | 1.2 | 1.1 |
| Citizenship..... | 1.9 | 1.5 | 0.9 | 0.7 |
| Residence in 1985..... | 2.2 | 1.9 | 1.1 | 0.9 |
| Year of entry..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/ rural)..... | 2.0 | 1.8 | 1.2 | 1.2 |
| Household type..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Class of worker..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.5 | 1.2 | 0.7 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/ rural)..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.4 | 1.1 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Rhode Island

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 0.9 | 0.6 | 0.5 |
| Household type and relationship..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.2 | 0.8 | 0.5 |
| Work disability and mobility limitation status..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Ancestry..... | 2.0 | 1.8 | 0.6 | 0.5 |
| Place of birth..... | 2.1 | 1.8 | 0.6 | 0.5 |
| Citizenship..... | 1.8 | 1.6 | 0.6 | 0.5 |
| Residence in 1985..... | 2.1 | 1.9 | 0.6 | 0.5 |
| Year of entry..... | 1.5 | 1.2 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.6 | 0.5 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.8 | 1.5 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 2.1 | 1.9 | 0.6 | 0.5 |
| Household type..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 0.9 | 0.7 | 0.6 | 0.5 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.3 | 0.6 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.2 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.6 | 0.5 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.6 | 0.5 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.6 | 0.5 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.3 | 0.6 | 0.5 |
| Poverty status in 1989 (families)..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.5 | 1.2 | 0.6 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.0 | 0.9 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Source of water, plumbing facilities..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—South Carolina

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.8 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.8 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.8 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.8 | 0.5 |
| Marital status..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Household type and relationship..... | 1.3 | 1.1 | 0.8 | 0.5 |
| Children ever born..... | 2.7 | 2.5 | 1.4 | 1.4 |
| Work disability and mobility limitation status..... | 1.2 | 1.1 | 0.8 | 0.5 |
| Ancestry..... | 2.4 | 2.1 | 1.2 | 1.0 |
| Place of birth..... | 2.4 | 2.2 | 1.3 | 1.2 |
| Citizenship..... | 1.9 | 1.6 | 0.9 | 0.8 |
| Residence in 1985..... | 2.1 | 1.9 | 1.0 | 0.9 |
| Year of entry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Type of residence (urban/rural)..... | 2.1 | 1.9 | 1.2 | 0.9 |
| Household type..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 0.9 | 0.9 | 0.9 | 0.9 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Force and veteran status..... | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.6 | 0.6 |
| Condominium status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal..... | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel..... | 1.2 | 1.1 | 0.8 | 0.5 |
| Telephone in housing unit..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—South Dakota

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Household type and relationship..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Children ever born..... | 2.7 | 2.4 | 1.8 | 1.6 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 1.9 | 1.7 | 1.1 | 0.8 |
| Place of birth..... | 2.2 | 2.0 | 1.5 | 1.1 |
| Citizenship..... | 1.7 | 1.4 | 1.0 | 0.7 |
| Residence in 1985..... | 2.0 | 1.9 | 1.3 | 0.9 |
| Year of entry..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.3 | 0.9 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.7 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 1.0 | 0.7 |
| Type of residence (urban/rural)..... | 3.4 | 2.3 | 1.5 | 1.1 |
| Household type..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Family type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 1.0 | 0.8 | 0.7 |
| Subfamily type and presence of children..... | 1.2 | 0.9 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.1 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 0.9 | 0.6 | 0.5 |
| Number of workers in family..... | 1.4 | 1.1 | 0.7 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.8 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.2 | 0.8 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.2 | 0.8 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.0 | 0.7 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.1 | 0.7 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.9 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 0.9 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.1 | 0.8 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.3 | 0.9 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.7 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.4 | 1.3 | 0.7 | 0.5 |
| Source of water, plumbing facilities..... | 1.4 | 1.1 | 0.7 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.0 | 0.7 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 0.9 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—Tennessee

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.4 | 1.5 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.2 | 2.0 | 1.1 | 1.0 |
| Place of birth..... | 2.3 | 2.1 | 1.2 | 1.0 |
| Citizenship..... | 1.8 | 1.6 | 0.9 | 0.7 |
| Residence in 1985..... | 2.0 | 1.8 | 1.0 | 0.9 |
| Year of entry..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.5 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.5 | 2.5 | 1.3 | 0.8 |
| Household type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.7 | 0.6 |
| Sewage disposal..... | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Texas

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 1.0 | 0.5 | 0.4 |
| Household type and relationship..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.4 | 1.5 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Ancestry..... | 2.4 | 2.0 | 1.1 | 0.9 |
| Place of birth..... | 2.3 | 2.1 | 1.3 | 1.1 |
| Citizenship..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Residence in 1985..... | 2.1 | 1.9 | 1.1 | 0.9 |
| Year of entry..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.8 | 0.6 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.5 | 2.5 | 1.5 | 1.3 |
| Household type..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 1.0 | 0.9 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Class of worker..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.8 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Utah

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.6 | 0.4 |
| Household type and relationship..... | 1.4 | 1.2 | 0.8 | 0.6 |
| Children ever born..... | 2.7 | 2.4 | 1.7 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.1 | 1.9 | 1.2 | 1.0 |
| Place of birth..... | 2.3 | 2.1 | 1.5 | 1.3 |
| Citizenship..... | 1.7 | 1.5 | 1.0 | 0.7 |
| Residence in 1985..... | 2.2 | 2.0 | 1.3 | 1.1 |
| Year of entry..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.9 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.7 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 0.9 | 0.7 |
| Type of residence (urban/ rural)..... | 2.5 | 2.5 | 2.2 | 1.7 |
| Household type..... | 1.4 | 1.2 | 0.8 | 0.6 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.8 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.4 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Place of work..... | 1.4 | 1.2 | 0.8 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.8 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.7 | 1.5 | 0.9 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.1 | 0.7 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/ rural)..... | 1.2 | 0.9 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.0 | 0.7 | 0.6 |
| Source of water, plumbing facilities..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—Vermont

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Household type and relationship..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.2 | 1.3 | 1.2 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 1.8 | 1.5 | 1.0 | 0.8 |
| Place of birth..... | 1.9 | 1.6 | 1.0 | 0.9 |
| Citizenship..... | 1.7 | 1.4 | 1.0 | 0.8 |
| Residence in 1985..... | 1.9 | 1.7 | 1.0 | 0.9 |
| Year of entry..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.3 | 0.9 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 1.0 | 0.8 |
| Type of residence (urban/rural)..... | 1.7 | 1.7 | 1.4 | 1.4 |
| Household type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 1.1 | 0.9 | 0.8 |
| Subfamily type and presence of children..... | 1.1 | 0.9 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.6 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.1 | 1.0 | 0.6 | 0.6 |
| Number of workers in family..... | 1.3 | 1.1 | 0.7 | 0.6 |
| Place of work..... | 1.4 | 1.2 | 0.8 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.5 | 1.2 | 0.7 | 0.7 |
| Poverty status in 1989 (families)..... | 1.1 | 0.9 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.1 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 0.9 | 0.9 | 0.5 | 0.5 |
| Condominium status..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.1 | 0.9 | 0.6 | 0.6 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.1 | 0.9 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.1 | 0.9 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 0.9 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Virginia

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.6 | 0.4 |
| Household type and relationship..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.3 | 1.4 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.1 | 1.9 | 1.1 | 1.0 |
| Place of birth..... | 2.0 | 1.8 | 1.1 | 1.0 |
| Citizenship..... | 1.8 | 1.5 | 0.9 | 0.7 |
| Residence in 1985..... | 2.0 | 1.8 | 1.0 | 0.8 |
| Year of entry..... | 1.5 | 1.2 | 0.7 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/ rural)..... | 2.5 | 2.5 | 1.9 | 1.2 |
| Household type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.8 | 0.8 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/ rural)..... | 1.1 | 1.0 | 0.6 | 0.6 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.1 | 0.6 | 0.4 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.6 | 0.6 |
| House heating fuel..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Washington

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Children ever born..... | 2.5 | 2.2 | 1.3 | 1.2 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 1.9 | 1.6 | 1.0 | 0.8 |
| Place of birth..... | 1.8 | 1.6 | 0.9 | 0.8 |
| Citizenship..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Residence in 1985..... | 2.0 | 1.7 | 1.0 | 0.9 |
| Year of entry..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Type of residence (urban/rural)..... | 2.3 | 2.3 | 1.5 | 1.1 |
| Household type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.7 | 0.7 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.3 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.1 | 0.6 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.0 | 0.8 | 0.5 |
| Source of water, plumbing facilities..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal..... | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors—West Virginia
 [Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 0.9 | 0.6 | 0.4 |
| Household type and relationship..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.8 | 2.6 | 1.7 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 2.1 | 1.9 | 1.1 | 0.9 |
| Place of birth..... | 2.5 | 2.3 | 1.4 | 1.1 |
| Citizenship..... | 1.8 | 1.6 | 1.0 | 0.8 |
| Residence in 1985..... | 2.2 | 1.9 | 1.1 | 0.9 |
| Year of entry..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.7 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.1 | 1.9 | 0.9 | 0.7 |
| Household type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Group quarters..... | 1.0 | 0.9 | 0.9 | 0.9 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.1 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.1 | 1.0 | 0.7 | 0.6 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.2 | 1.2 | 0.5 |
| Source of water, plumbing facilities..... | 1.3 | 1.1 | 0.7 | 0.6 |
| Sewage disposal..... | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Wisconsin

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.2 | 0.9 | 0.5 | 0.4 |
| Household type and relationship..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Children ever born..... | 2.6 | 2.3 | 1.5 | 1.3 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Ancestry..... | 1.9 | 1.6 | 0.9 | 0.8 |
| Place of birth..... | 2.3 | 2.2 | 1.2 | 1.1 |
| Citizenship..... | 1.7 | 1.4 | 0.9 | 0.7 |
| Residence in 1985..... | 2.0 | 1.7 | 1.0 | 0.9 |
| Year of entry..... | 1.4 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Educational attainment..... | 1.3 | 1.1 | 0.6 | 0.5 |
| School enrollment..... | 1.6 | 1.4 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.0 | 2.0 | 1.4 | 1.2 |
| Household type..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Family type..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Group quarters..... | 0.9 | 0.8 | 0.7 | 0.7 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Employment status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.6 | 0.6 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Number of workers in family..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Place of work..... | 1.5 | 1.2 | 0.7 | 0.6 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Travel time to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.3 | 0.7 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran status..... | 1.4 | 1.1 | 0.7 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.1 | 1.0 | 0.5 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Sewage disposal..... | 1.1 | 0.9 | 0.5 | 0.5 |
| House heating fuel..... | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing unit..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Vehicles available..... | 1.2 | 1.1 | 0.5 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors—Wyoming

[Percent of persons or housing units in sample]

| Characteristic | Less than 15 percent | 15 to 30 percent | 30 to 45 percent | 45 percent or more |
|-----------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| POPULATION | | | | |
| Age..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Sex..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin (of any race)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Marital status..... | 1.1 | 1.0 | 0.6 | 0.4 |
| Household type and relationship..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Children ever born..... | 2.6 | 2.3 | 1.5 | 1.2 |
| Work disability and mobility limitation status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Ancestry..... | 1.9 | 1.7 | 1.0 | 0.8 |
| Place of birth..... | 1.8 | 1.6 | 1.0 | 0.7 |
| Citizenship..... | 1.7 | 1.6 | 0.9 | 0.7 |
| Residence in 1985..... | 2.1 | 1.9 | 1.2 | 0.9 |
| Year of entry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Language spoken at home and ability to speak English..... | 1.6 | 1.4 | 0.9 | 0.6 |
| Educational attainment..... | 1.3 | 1.1 | 0.7 | 0.5 |
| School enrollment..... | 1.7 | 1.5 | 0.9 | 0.7 |
| Type of residence (urban/rural)..... | 2.0 | 1.9 | 1.7 | 0.7 |
| Household type..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Family type..... | 1.2 | 1.1 | 0.6 | 0.5 |
| Group quarters..... | 1.2 | 1.2 | 1.2 | 1.2 |
| Subfamily type and presence of children..... | 1.2 | 1.0 | 0.5 | 0.4 |
| Employment status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Industry..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Occupation..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Class of worker..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Hours per week and weeks worked in 1989..... | 1.2 | 1.0 | 0.6 | 0.4 |
| Number of workers in family..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Place of work..... | 1.5 | 1.3 | 0.8 | 0.5 |
| Means of transportation to work..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Travel time to work..... | 1.3 | 1.1 | 0.7 | 0.5 |
| Private vehicle occupancy..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Time leaving home to go to work..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989..... | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989 (persons)..... | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989 (families)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and veteran status..... | 1.3 | 1.2 | 0.7 | 0.5 |
| HOUSING | | | | |
| Age of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of householder..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence (urban/rural)..... | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Value..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities..... | 1.2 | 1.2 | 0.5 | 0.5 |
| Source of water, plumbing facilities..... | 1.4 | 1.1 | 0.6 | 0.6 |
| Sewage disposal..... | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Telephone in housing unit..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available..... | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved into structure..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and monthly mortgage costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and selected monthly owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent as a percentage of household income in 1989..... | 1.3 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.6 | 0.5 |

APPENDIX D.

Collection and Processing Procedures

CONTENTS

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

Enumeration of Housing Units

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

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

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

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

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

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

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

Followup

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

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

Special Enumeration Procedures

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

Shelter and Street Night (S-Night)

The Census Bureau collected data for various components of the homeless population at different stages in the 1990 census. "Shelter and Street Night" (S-Night) was a special census operation to count the population in four types of locations where homeless persons 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 |
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| Your answers are confidential | 2 |
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CENSUS '90



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

D4

How to Fill Out Your Census Form

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

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

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

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

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

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

Example

| a. Age | b. Year of birth | a. Age | b. Year of birth |
|-----------|------------------|-------------|------------------|
| 0 0 0 0 | 1 8 0 0 0 0 | 0 0 0 0 0 0 | 1 8 0 0 0 0 |
| 1 0 1 0 1 | 9 1 0 1 0 | 1 0 1 0 1 0 | 9 1 0 1 0 |
| 2 0 2 0 | 2 0 2 0 | 2 0 2 0 | 2 0 2 0 |
| 3 0 3 0 | 3 0 3 0 | 3 0 3 0 | 3 0 3 0 |
| 4 0 4 0 | 4 0 4 0 | 4 0 4 0 | 4 0 4 0 |
| 5 0 5 0 | 5 0 5 0 | 5 0 5 0 | 5 0 5 0 |
| 6 0 6 0 | 6 0 6 0 | 6 0 6 0 | 6 0 6 0 |
| 7 0 7 0 | 7 0 7 0 | 7 0 7 0 | 7 0 7 0 |
| 8 0 8 0 | 8 0 8 0 | 8 0 8 0 | 8 0 8 0 |
| 9 0 9 0 | 9 0 9 0 | 9 0 9 0 | 9 0 9 0 |

Your Answers Are Confidential

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

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

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

Instructions for Questions 1a through 7

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

If there are more than seven people in your household, please list all the persons in question 1a, complete the form for seven people, and mail it back in the enclosed envelope. A census taker will call to obtain the information for the additional persons.
- b. If everyone listed in question 1a usually lives at another address(es), print the address(es) in 1b.
2. Fill one circle to show how each person is related to the person in column 1.

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

If the Stepson/stepdaughter of the person in column 1 also has been legally adopted by the person in column 1, mark Stepson/stepdaughter but do not mark Natural-born or adopted son/daughter. In other words, Stepson/stepdaughter takes precedence over Adopted son/daughter.
4. Fill ONE circle for the race each person considers himself/herself to be.

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

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

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

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

The Black or Negro category also includes persons who identify as African-American, Afro-American, Haitian, Jamaican, West Indian, Nigerian, and so on.
5. Print age at last birthday in the space provided (print "00" for babies less than 1 year old). Fill in the matching circle below each box. Also, print year of birth in the space provided. Then fill in the matching circle below each box. For an illustration of how to complete question 5, see the Example on page 2 of this guide.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin if the person's origin (ancestry) is Mexican, Mexican-Am., Chicano, Puerto Rican, Cuban, Argentinean, Colombian, Costa Rican, Dominican, Ecuadoran, Guatemalan, Honduran, Nicaraguan, Peruvian, Salvadoran, from other Spanish-speaking countries of the Caribbean or Central or South America, or from Spain.

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

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

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

Instructions for Question H1a through H1b

- H1a. Refer to the list of persons you entered in question 1a on page 1. If you left anyone out of your list because you were not sure if the person(s) should be listed, answer question H1a as Yes. Then enter the name(s) and reason(s) why you did not list the person(s) on the lines provided. Otherwise, answer question H1a as No.
- b. If you included anyone on your list even though you were not sure that you should list the person(s), answer question H1b as Yes. Then enter the name(s) and reason(s) why you listed the person(s) on the lines provided. Otherwise, answer question H1b as No.

Instructions for Questions H2 through H7b

H2. Fill only one circle.

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

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

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

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

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

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

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

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

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

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

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

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

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

Instructions for Questions H8 through H19b

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Instructions for Questions H20 through H26

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Instructions for Question 8

8. For persons born in the United States:

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

For persons born outside the United States:

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

Instructions for Questions 9 through 13

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

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

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

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

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

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

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

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

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

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

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

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

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

Instructions for Questions 14a through 19

14a. Mark **Yes** if this person lived in this same house or apartment on April 1, 1985, even if he/she moved away and came back since then. Mark **No** if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different lot or trailer site).

b. If this person lived in a different house or apartment on April 1, 1985, give the location of this person's usual home at that time.

Part (1)

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

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

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

Part (2)

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

Part (3)

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

Part (4)

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

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

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

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

17a. For a person with service in the National Guard or a military reserve unit, fill one of the two **Yes**, active duty circles if and only if the person has ever been called up for active duty other than training; otherwise, mark **Yes**, service in Reserves or National Guard only. For a person whose only service was as a civilian employee or volunteer for the Red Cross, USO, Public Health Service, or War or Defense Department, mark **No**. Count World War II Merchant Marine Seaman service as active duty; do not count other Merchant Marine service as active duty.

18. Mark **Yes** to part (a) if a health condition substantially limits this person in his or her choice of occupation or if the condition limits the amount of work that can be accomplished in a given period of time. Mark **Yes** to part (b) if the health condition prevents this person from holding any significant employment.

19. Consider a person to have difficulty with these activities if any of the following situations apply: (1) it takes extra time or extra effort for the person to perform one or more of the activities, (2) there are times when the person cannot perform one or more of the activities, or (3) the person is completely unable to perform one or more of the activities.

Instructions for Questions 20 through 23b

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

21a. Count as work — Mark **Yes**:

- Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

- Work in own business, professional practice, or farm.

- Any work in a family business or farm, paid or not.

- Any part-time work including babysitting, paper routes, etc.

- Active duty in Armed Forces.

Do not count as work — Mark **No**:

- Housework or yard work at home.

- Unpaid volunteer work.

- School work.

- Work done as a resident of an institution.

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

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

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

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

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

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

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

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

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

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

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

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

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

Instructions for Questions 24a through 30

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

Instructions for Questions 31a through 32h

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

What the Census Is About — Some Questions and Answers

Why are we taking a census?

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

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

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

How long have we been taking the census?

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

How are you being counted?

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

Why the Census Asks Certain Questions

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

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

Name?

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

Value or rent?

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

Complete plumbing?

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

Place of birth?

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

Job?

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

Income?

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

CENSUS '90

OFFICIAL 1990 U.S. CENSUS FORM



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

The law requires answers but guarantees privacy.

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

How to get started—and get help.

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

Please answer and return your form promptly.

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

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

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 1-800-288-6826)

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

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

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

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

Include

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

Do NOT include

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

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

| LAST | FIRST | INITIAL | LAST | FIRST | INITIAL |
|------|-------|---------|------|-------|---------|
| 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.

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

NOW PLEASE ANSWER QUESTIONS H1a--H26 FOR THIS HOUSEHOLD

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p style="text-align: center;">PERSON 7</p> <p>Last name _____ First name _____ Middle initial _____</p> <p>If a RELATIVE of Person 1:</p> <p><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"/> _____ <input type="radio"/> Other relative</p> <p>If NOT RELATED to Person 1:</p> <p><input type="radio"/> Roomer, boarder, or foster child <input type="radio"/> Unmarried partner <input type="radio"/> Housemate, roommate <input type="radio"/> Other nonrelative</p> <p><input type="radio"/> Male <input type="radio"/> Female</p> <p><input type="radio"/> White <input type="radio"/> Black or Negro <input type="radio"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) _____</p> <p><input type="radio"/> Eskimo <input type="radio"/> Aleut <input type="radio"/> Asian or Pacific Islander (API)</p> <p><input type="radio"/> Chinese <input type="radio"/> Japanese <input type="radio"/> Filipino <input 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</p> <p><input type="radio"/> Other race (Print race) _____</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px dashed black;"> <p>a. Age</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table> </td> <td style="width: 50%;"> <p>b. 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Age</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table> | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 6 | 0 | 6 | 0 | 0 | 7 | 0 | 7 | 0 | 0 | 8 | 0 | 8 | 0 | 0 | 9 | 0 | 9 | 0 | 0 | <p>b. Year of birth</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>1</td><td>0</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td></tr> </table> | 1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | <p>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?</p> <p><input type="radio"/> Yes, please print the name(s) and reason(s). _____ _____</p> <p><input type="radio"/> No</p> <p>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?</p> <p><input type="radio"/> Yes, please print the name(s) and reason(s). _____ _____</p> <p><input type="radio"/> No</p> <p>H2. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building with 2 apartments <input type="radio"/> A building with 3 or 4 apartments <input type="radio"/> A building with 5 to 9 apartments <input type="radio"/> A building with 10 to 19 apartments <input type="radio"/> A building with 20 to 49 apartments <input type="radio"/> A building with 50 or more apartments <input type="radio"/> Other</p> <p>H3. How many rooms do you have in this house or apartment? Do NOT count bathrooms, porches, balconies, foyers, halls, or half-rooms.</p> <p><input type="radio"/> 1 room <input type="radio"/> 4 rooms <input type="radio"/> 7 rooms <input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms <input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms</p> <p>H4. Is this house or apartment --</p> <p><input type="radio"/> Owned by you or someone in this household with a mortgage or loan? <input type="radio"/> Owned by you or someone in this household free and clear (without a mortgage)? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?</p> | <p>If this is a ONE-FAMILY HOUSE --</p> <p>H5a. Is this house on ten or more acres?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Is there a business (such as a store or barber shop) or a medical office on this property?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Answer only if you or someone in this household OWNS OR IS BUYING this house or apartment --</p> <p>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?</p> <p><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</p> <p>Answer only if you PAY RENT for this house or apartment --</p> <p>H7a. What is the monthly rent?</p> <p><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</p> <p>b. Does the monthly rent include any meals?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> |
| <p>a. Age</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>0</td></tr> </table> | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 6 | 0 | 6 | 0 | 0 | 7 | 0 | 7 | 0 | 0 | 8 | 0 | 8 | 0 | 0 | 9 | 0 | 9 | 0 | 0 | <p>b. Year of birth</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>1</td><td>0</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td></tr> </table> | 1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | | | |
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| 4 | 0 | 4 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FOR CENSUS USE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>A. Total persons</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </table> | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | <p>B. Type of unit</p> <p>Occupied Vacant</p> <p><input type="radio"/> First form <input type="radio"/> Regular <input type="radio"/> Cont'n <input type="radio"/> Usual home elsewhere</p> <p>C1. Vacancy status</p> <p><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</p> <p>C2. Is this unit boarded up?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> | <p>D. Months vacant</p> <p><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</p> <p>E. Complete after</p> <p><input type="radio"/> LR <input type="radio"/> TC <input type="radio"/> QA JIC 1 <input type="radio"/> P/F <input type="radio"/> RE <input type="radio"/> I/T <input type="radio"/> <input type="radio"/> MV <input type="radio"/> ED <input type="radio"/> EN <input type="radio"/></p> <p><input type="radio"/> P0 <input type="radio"/> P3 <input type="radio"/> P6 JIC 2 <input type="radio"/> P1 <input type="radio"/> P4 <input type="radio"/> IA <input type="radio"/> <input type="radio"/> P2 <input type="radio"/> P5 <input type="radio"/> SM <input type="radio"/></p> <p>F. Cov.</p> <p><input type="radio"/> 1b <input type="radio"/> 1a <input type="radio"/> 7 <input type="radio"/> H1</p> | <p>G. DO</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table> <p>ID <input type="checkbox"/></p> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | | | | | | | | | | |
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| <p>H8. When did the person listed in column 1 on page 2 move into this house or apartment?</p> <ul style="list-style-type: none"> <input type="radio"/> 1989 or 1990 <input type="radio"/> 1985 to 1988 <input type="radio"/> 1980 to 1984 <input type="radio"/> 1970 to 1979 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1959 or earlier | <p>H14. Which FUEL is used MOST for heating this house or apartment?</p> <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Solar energy <input type="radio"/> Other fuel <input type="radio"/> No fuel used | <p>H20. What are the yearly costs of utilities and fuels for this house or apartment? If you have lived here less than 1 year, estimate the yearly cost.</p> <p>a. Electricity</p> <p style="text-align: center;">\$.00 Yearly cost — Dollars</p> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge or electricity not used |
| <p>H9. How many bedrooms do you have; that is, how many bedrooms would you list if this house or apartment were on the market for sale or rent?</p> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms | <p>H15. Do you get water from —</p> <ul style="list-style-type: none"> <input type="radio"/> A public system such as a city water department, or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source such as a spring, creek, river, stream, etc.? | <p>b. Gas</p> <p style="text-align: center;">\$.00 Yearly cost — Dollars</p> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge or gas not used |
| <p>H10. Do you have COMPLETE plumbing facilities in this house or apartment; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes, have all three facilities <input type="radio"/> No | <p>H16. Is this building connected to a public sewer?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means | <p>c. Water</p> <p style="text-align: center;">\$.00 Yearly cost — Dollars</p> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge |
| <p>H11. Do you have COMPLETE kitchen facilities; that is, 1) a sink with piped water, 2) a range or cookstove, and 3) a refrigerator?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No | <p>H17. About when was this building first built?</p> <ul style="list-style-type: none"> <input type="radio"/> 1989 or 1990 <input type="radio"/> 1985 to 1988 <input type="radio"/> 1980 to 1984 <input type="radio"/> 1970 to 1979 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier <input type="radio"/> Don't know | <p>d. Oil, coal, kerosene, wood, etc.</p> <p style="text-align: center;">\$.00 Yearly cost — Dollars</p> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge or these fuels not used |
| <p>H12. Do you have a telephone in this house or apartment?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No | <p>H18. Is this house or apartment part of a condominium?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No | |
| <p>H13. How many automobiles, vans, and trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 or more | <p style="text-align: center;"><i>If you live in an apartment building, skip to H20.</i></p> <p>H19a. Is this house on less than 1 acre?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes — Skip to H20 <input type="radio"/> No <p>b. In 1989, what were the actual sales of all agricultural products from this property?</p> <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> \$1 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more | |

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| <p style="text-align: center;">INSTRUCTION:</p> <p><i>Answer questions H21 TO H26, if this is a one-family house, a condominium, or a mobile home that someone in this household OWNS OR IS BUYING; otherwise, go to page 6.</i></p> | <p>H23a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?</p> <p> <input type="radio"/> Yes, mortgage, deed of trust, or similar debt } Go to H23b <input type="radio"/> Yes, contract to purchase <input type="radio"/> No — Skip to H24a </p> | <p>H24a. Do you have a second or junior mortgage or a home equity loan on THIS property?</p> <p> <input type="radio"/> Yes <input type="radio"/> No — Skip to H25 </p> |
| <p>H21. What were the real estate taxes on THIS property last year?</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Yearly amount — Dollars </p> <p style="text-align: center;">OR</p> <p><input type="radio"/> None</p> | <p>b. How much is your regular monthly mortgage payment on THIS property? Include payment only on first mortgage or contract to purchase.</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Monthly amount — Dollars </p> <p style="text-align: center;">OR</p> <p><input type="radio"/> No regular payment required — Skip to H24a</p> | <p>b. How much is your regular monthly payment on all second or junior mortgages and all home equity loans?</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Monthly amount — Dollars </p> <p style="text-align: center;">OR</p> <p><input type="radio"/> No regular payment required</p> |
| <p>H22. What was the annual payment for fire, hazard, and flood insurance on THIS property?</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Yearly amount — Dollars </p> <p style="text-align: center;">OR</p> <p><input type="radio"/> None</p> | <p>c. Does your regular monthly mortgage payment include payments for real estate taxes on THIS property?</p> <p> <input type="radio"/> Yes, taxes included in payment <input type="radio"/> No, taxes paid separately or taxes not required </p> | <p style="text-align: center;"><i>Answer ONLY if this is a CONDOMINIUM —</i></p> <p>H25. What is the monthly condominium fee?</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Monthly amount — Dollars </p> |
| <p>H26. What was the total cost for personal property taxes, site rent, registration fees, and license fees on this mobile home and its site last year? Exclude real estate taxes.</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Yearly amount — Dollars </p> | <p>d. Does your regular monthly mortgage payment include payments for fire, hazard, or flood insurance on THIS property?</p> <p> <input type="radio"/> Yes, insurance included in payment <input type="radio"/> No, insurance paid separately or no insurance </p> | <p style="text-align: center;"><i>Answer ONLY if this is a MOBILE HOME —</i></p> <p>H26. What was the total cost for personal property taxes, site rent, registration fees, and license fees on this mobile home and its site last year? Exclude real estate taxes.</p> <p style="text-align: center;"> <input style="width: 80px; height: 20px; border: 1px dashed black;" type="text"/> \$ _____ .00 Yearly amount — Dollars </p> |
| <p><i>Please turn to page 6. ➔</i></p> | | |

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| <p>23a. How did this person usually get to work LAST WEEK? If this person usually used more than one method of transportation during the trip, fill the circle of the one used for most of the distance.</p> <p> <input type="radio"/> Car, truck, or van <input type="radio"/> Motorcycle <input type="radio"/> Bus or trolley bus <input type="radio"/> Bicycle <input type="radio"/> Streetcar or trolley car <input type="radio"/> Walked <input type="radio"/> Subway or elevated <input type="radio"/> Worked at home — Skip to 28 <input type="radio"/> Railroad <input type="radio"/> Ferryboat <input type="radio"/> Other method <input type="radio"/> Taxicab </p> <p><i>If "car, truck, or van" is marked in 23a, go to 23b. Otherwise, skip to 24a.</i></p> <p>b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?</p> <p> <input type="radio"/> Drove alone <input type="radio"/> 5 people <input type="radio"/> 2 people <input type="radio"/> 6 people <input type="radio"/> 3 people <input type="radio"/> 7 to 9 people <input type="radio"/> 4 people <input type="radio"/> 10 or more people </p> | <p>28. Industry or Employer</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, fill this circle and print the branch of the Armed Forces.</p> <p style="text-align: center;"> <input type="radio"/> _____ (Name of company, business, or other employer) </p> <p>b. What kind of business or industry was this? Describe the activity at location where employed.</p> <p style="text-align: center;"> <input type="radio"/> _____ (For example: hospital, newspaper publishing, mail order house, auto engine manufacturing, retail bakery) </p> <p>c. Is this mainly — Fill ONE circle</p> <p> <input type="radio"/> Manufacturing <input type="radio"/> Other (agriculture, construction, service, government, etc.) <input type="radio"/> Wholesale trade <input type="radio"/> Retail trade </p> | <p>32. INCOME IN 1989 —</p> <p>Fill the "Yes" circle below for each income source received during 1989. Otherwise, fill the "No" circle. If "Yes," enter the total amount received during 1989. For income received jointly, see instruction guide. If exact amount is not known, please give best estimate. If net income was a loss, write "Loss" above the dollar amount.</p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs — Report amount before deductions for taxes, bonds, dues, or other items.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>b. Self-employment income from own nonfarm business, including proprietorship and partnership — Report NET income after business expenses.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>c. Farm self-employment income — Report NET income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>d. Interest, dividends, net rental income or royalty income, or income from estates and trusts — Report even small amounts credited to an account.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>e. Social Security or Railroad Retirement</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>f. Supplemental Security Income (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>g. Retirement, survivor, or disability pensions — Do NOT include Social Security.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>b. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> |
| <p>24a. What time did this person usually leave home to go to work LAST WEEK?</p> <p style="text-align: center;"> <input type="radio"/> _____ a.m. <input type="radio"/> _____ p.m. </p> <p>b. How many minutes did it usually take this person to get from home to work LAST WEEK?</p> <p style="text-align: center;"> <input type="radio"/> _____ Minutes — Skip to 28 </p> | <p>29. Occupation</p> <p>a. What kind of work was this person doing? —</p> <p style="text-align: center;"> <input type="radio"/> _____ (For example: registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, cake baker) </p> <p>b. What were this person's most important activities or duties? —</p> <p style="text-align: center;"> <input type="radio"/> _____ (For example: patient care, directing billing policies, supervising order clerks, assembling engines, icing cakes) </p> | <p>32. INCOME IN 1989 —</p> <p>e. Social Security or Railroad Retirement</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>f. Supplemental Security Income (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>g. Retirement, survivor, or disability pensions — Do NOT include Social Security.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>b. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> |
| <p>25. Was this person TEMPORARILY absent or on layoff from a job or business LAST WEEK?</p> <p> <input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No </p> | <p>30. Was this person — Fill ONE circle</p> <p> <input type="radio"/> Employee of a PRIVATE FOR PROFIT company or business or of an individual, for wages, salary, or commissions <input type="radio"/> Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization <input type="radio"/> Local GOVERNMENT employee (city, county, etc.) <input type="radio"/> State GOVERNMENT employee <input type="radio"/> Federal GOVERNMENT employee <input type="radio"/> SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm <input type="radio"/> SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm <input type="radio"/> Working WITHOUT PAY in family business or farm </p> | <p>32. INCOME IN 1989 —</p> <p>g. Retirement, survivor, or disability pensions — Do NOT include Social Security.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> <p>b. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.</p> <p> <input type="radio"/> Yes → \$ _____ <input type="radio"/> No → \$ _____ Annual amount — Dollars </p> |
| <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p> <input type="radio"/> Yes <input type="radio"/> No — Skip to 27 </p> <p>b. Could this person have taken a job LAST WEEK if one had been offered?</p> <p> <input type="radio"/> No, already has a job <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (in school, etc.) <input type="radio"/> Yes, could have taken a job </p> | <p>31a. Last year (1989), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p> <input type="radio"/> Yes <input type="radio"/> No — Skip to 32 </p> <p>b. How many weeks did this person work in 1989? Count paid vacation, paid sick leave, and military service.</p> <p style="text-align: center;"> <input type="radio"/> _____ Weeks </p> <p>c. During the weeks WORKED in 1989, how many hours did this person usually work each week?</p> <p style="text-align: center;"> <input type="radio"/> _____ Hours </p> | <p>32. INCOME IN 1989 —</p> <p>h. What was this person's total income in 1989? Add entries in questions 32a through 32h; subtract any losses. If total amount was a loss, write "Loss" above amount.</p> <p> <input type="radio"/> None OR \$ _____ Annual amount — Dollars </p> |
| <p>28-30. CURRENT OR MOST RECENT JOB ACTIVITY. Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for his/her last job or business since 1985.</p> | | |

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

APPENDIX F.

Data Products and User Assistance

CONTENTS

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

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

The Census Bureau also has expanded services and sources of assistance available to data users. For example, the State Data Center Program has been expanded to include over 1,400 organizations to provide data and services to the public.

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

DATA PRODUCTS

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

The data products present statistics about the subjects covered in the 1990 census questionnaires. These subjects are listed in figure 1, page F-8. As the figure shows, there are 100-percent subjects (those covered in questions asked of everyone or about every housing unit) and sample subjects (those covered in questions asked at about one out of every six housing units). Generally, a data product presents either 100-percent data prepared by tabulating the responses to the 100-percent questions from all questionnaires, or sample data prepared by tabulating only the responses to the 100-percent and sample questions from the "long-form" questionnaires. Two report series, 1990 CPH-3 and 1990 CPH-4 (see figure 2, page F-9), present both 100-percent and sample data.

Printed Reports

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

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

Report series that present data for small areas, such as census tracts, contain limited subject-matter detail (for example, counts of people by age ranges—under 5 years, 5 to 9 years, etc.—rather than by single years). Report series that include greater amounts of subject-matter detail include less geographic detail.

Computer Tape Files

The Census Bureau provides more data on tape and other machine-readable products than in printed reports. These products are sold by the Census Bureau's Customer Services. There are several general types of data files released on computer tape (available on both reels and cartridges). They are introduced below, and more information is presented in figures 3 and 4, pages F-12 through F-14.

Public Law 94-171 Data—This data file presents the counts designed and formatted for use in legislative re-districting. These counts also are available on CD-ROM and paper listings. Excerpts are available on CENDATA™. The counts, for areas as small as blocks, census tracts, and voting districts, include totals for population, race groups, persons of Hispanic origin, population 18 years and over, and housing units. (See figure 4.)

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

Here are some important features of STF's:

- Each STF presents a particular set of data tables for specific types of geographic areas.
- Each STF has three or more file types (indicated by a letter suffix attached to the STF number) that differ in the geographic levels reported, but contain the same data detail.
- STF's 1 and 2 contain 100-percent data, and STF's 3 and 4 offer sample data.
- STF's 1 and 3 report on smaller areas and offer less data detail than STF's 2 and 4.
- STF's 1 through 4 offer greater data detail than the 1980 STF's 1 through 4.

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

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

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

There also is a special 3-percent "elderly" file with the same geography as the 5-percent sample. Included are households with at least one person age 60 or more and all members of those households.

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

Microfiche

All printed reports are offered on microfiche from Customer Services soon after they are published. Plans to prepare microfiche versions of selected other products were canceled, so that more products could be produced on CD-ROM.

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 available on CD-ROM. The Census Bureau also offers on CD-ROM: PUMS Files, SSTF's, Census EEO File, and County-to-County Migration File. (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. CENDATA also offers the entire Census EEO File.

Custom Data Products

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

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

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

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

GEOGRAPHIC PRODUCTS

Maps

Census Bureau maps are necessary for virtually all uses of small-area 1990 census data. They are needed to locate the specific geographic areas for which the census provides data and to study the spatial relationship of the data for analytic purposes. The Census Bureau prepares a variety of 1990 census maps. Among the most useful are these four series:

County Block Maps—These maps show census blocks and their numbers; boundaries for statistical and governmental entities, such as census tracts and places; and physical features. The P.L. 94-171 version of these maps also shows voting district boundaries in those States that furnished them. The maps are prepared on electrostatic plotters by county (or equivalent entity) with one or more map sheets each, depending on the size and shape of the area and the density of the block pattern. An average county requires 20 map sheets. The maps may be purchased from Customer Services.

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

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

underlying the boundaries. They also show governmental units in relation to the census tracts/ BNA's. The Superintendent of Documents sells printed copies.

Voting District Outline Maps—Maps in this county-based series depict voting district boundaries (for those counties for which States furnished boundary information) and the features underlying the boundaries. They also show governmental unit boundaries in relation to the voting districts. They are prepared on electrostatic plotters and sold by Customer Services.

Geographic Publications

The *Geographic Identification Code Scheme* report in the 1990 CPH-R series shows the 1990 census geographic area codes and Federal information processing standards (FIPS) codes, as appropriate, for States, metropolitan areas, counties, county subdivisions, places, American Indian and Alaska Native areas, and other entities, along with some descriptive information about the codes. The code scheme also is offered on computer tape.

Machine-Readable Geographic Files

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

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

The TIGER System has significantly improved the utility of 1990 census maps and geographic reference products. Extract files generated from the TIGER System permit users, with appropriate software, to perform such tasks as linking the statistical data in the P.L. 94-171 file or the STF's and displaying selected characteristics on maps or a video display screen at different scales and with whatever boundaries they select for any geographic area of the country. For example, a map for a particular county could show the distribution of the voting age population by city block.

The first extract of selected geographic and cartographic information intended for computer applications, such as plotting maps and building geographic information systems, is called the TIGER/ Line™ files. TIGER/ Line™ files contain attributes for the segments of each boundary and feature (for example, roads, railroads, and rivers), including 1990 census geographic codes for

adjacent areas, latitude/longitude coordinates of segment end points and the curvature of segments, the name and type of the feature, and the relevant census feature class code identifying the feature segment by category. TIGER/Line™ files also furnish address ranges and associated ZIP Codes for each side of street segments in major urban areas; provide the names of landmarks, such as lakes and golf courses; and include other information.

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

REFERENCE MATERIALS

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

- *1990 Census of Population and Housing, Guide.* This guide, in the 1990 CPH-R report series, provides detailed information about all aspects of the census and a comprehensive glossary of census terms. Sold by the Superintendent of Documents, U.S. Government Printing Office.
- *1990 Census of Population and Housing Tabulation and Publication Program.* A free report describing 1990 census products, comparing 1990 products with those of 1980, and more. Request from Customer Services.
- *Census '90 Basics.* A free booklet covering how the 1990 census data were collected and processed, the full range of data products, the maps and geographic files, and more, but with less detail than the Guide (above). Request from Customer Services.
- *Census ABC's—Applications in Business and Community.* A free booklet that highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Request from Customer Services.
- *Strength in Numbers.* A free, tabloid-size booklet designed to assist people in using 1990 census data in redistricting. Among other features, it includes illustrations of maps and Public Law 94-171 counts. Request from Customer Services.
- *TIGER: The Coast-to-Coast Digital Map Data Base.* A free booklet describing the structure and uses of the Census Bureau's TIGER System. Request from Customer Services.
- *Census and You.* The Census Bureau's monthly newsletter for data users. It reports on the latest 1990 census developments, selected new publications and computer tape files, other censuses and surveys, developments in services to users, and upcoming conferences and training courses. Subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office.
- *Monthly Product Announcement.* A free monthly listing of all new Census Bureau publications; microfiche; maps; data files on tape, diskettes, or CD-ROM; and technical documentation. To subscribe, contact Customer Services.
- *Census Catalog and Guide.* A comprehensive annual description of data products, statistical programs, and services of the Census Bureau. It provides abstracts of the publications, data files, microfiche, maps, and items online. In addition, the Catalog/Guide offers such features as information about censuses and surveys and telephone contact lists of data specialists at the Census Bureau, the State Data Centers, and other data processing service centers. It is sold by the Superintendent of Documents, U.S. Government Printing Office.

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

SOURCES OF ASSISTANCE

U.S. Bureau of the Census

The Census Bureau's Customer Services sells most of the machine-readable data products, microfiche, and maps described earlier. (The 1990 census printed reports are sold by the Superintendent of Documents, as noted below.) Also, users may consult with specialists at the Census Bureau's Washington headquarters and its 12 regional offices. From time to time, the specialists also conduct workshops, seminars, and training courses.

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

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

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

Regional Office Contacts—

| | |
|------------------|--------------|
| Atlanta, GA | 404-730-3833 |
| Boston, MA | 617-565-7078 |
| Charlotte, NC | 704-344-6144 |
| Chicago, IL | 312-353-0980 |
| Dallas, TX | 214-767-7105 |
| Denver, CO | 303-969-7750 |
| Detroit, MI | 313-259-0056 |
| Kansas City, KS | 913-236-3711 |
| Los Angeles, CA | 818-904-6339 |
| New York, NY | 212-264-4730 |
| Philadelphia, PA | 215-597-8313 |
| Seattle, WA | 206-728-5314 |

Superintendent of Documents, U.S. Government Printing Office

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

Other Sources of Products and Services

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

Census Information Center (CIC)—The CIC program 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 the project, five nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the

Census Bureau. To learn more about the program, write to the Census Information Center Branch, Data User Services Division, Bureau of the Census, Washington, DC 20233, or call 301-763-1384.

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

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

OTHER CENSUS BUREAU RESOURCES

The Census Bureau has more to offer than just the results of the census of population and housing. Through other censuses, surveys, and estimates programs, it compiles and issues (in reports, computer tape, and other media) data on subjects as diverse as appliance sales, neighborhood conditions, and exports to other countries. Here are examples of the information published about—

- **People:** Age, race, sex, income, poverty, child care, child support, fertility, noncash benefits, education, commuting habits, pension coverage, unemployment, ancestry.
- **Business and industry:** Number of employees, total payroll, sales and receipts, products manufactured or sold.
- **Housing and construction:** Value of new construction, numbers of owners and renters, property value or rent paid, housing starts, fuels used, mortgage costs.
- **Farms:** Number, acreage, livestock, crop sales.
- **Governments:** Revenues and expenditures, taxes, employment, pension funds.
- **Foreign trade:** Exports and imports, origin and destination, units shipped.
- **Other nations:** Population, birth rates, death rates, literacy, fertility.

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

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

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

Current Demographic and Housing Programs

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

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

Economic Censuses and Surveys

The economic censuses provide statistics about business establishments once every 5 years, covering years ending in "2" and "7." The 1987 Economic Censuses include the censuses of retail trade, wholesale trade, service industries, transportation, manufactures, mineral industries, and construction industries. Also included are related programs, such as statistics on minority- and women-owned businesses, enterprise statistics, and censuses of economic activity in Puerto Rico and some of the outlying areas under U.S. jurisdiction.

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

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

Agriculture Census and Surveys

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

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

Governments Census and Surveys

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

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

Foreign Trade Statistics

Monthly U.S. merchandise trade data compiled by the Census Bureau summarize export and import transactions and are based on the official documents filed by shippers and receivers. These figures reflect the flow of merchandise but not intangibles like services and financial commitments. The trade figures trace commodity movements out of and into the U.S. Customs jurisdiction, which includes Puerto Rico and the U.S. Virgin Islands as well as the 50 States and the District of Columbia. Data are published separately on trade between the United States and Puerto Rico, the U.S. Virgin Islands, and other U.S. possessions.

Other Statistical Activities

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

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

Statistical compendia are another important data product. These publications (sometimes also offered in machine-readable form) draw data from many sources

and reorganize them for convenient use. The most widely used compendia are the annual *Statistical Abstract of the United States*, the *County and City Data Book* (published every 5 years), and the *State and Metropolitan Area Data Book* (published approximately every 4 years).

Figure 1. 1990 Census Content

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 2. 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 2. 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 | Reports on population census subjects such as migration, education, income, the older population, and racial and ethnic groups | Generally limited to the U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places |

Figure 2. 1990 Census Printed Reports—Con.

| Series | Title | Report(s) Issued for | Description | Geographic areas |
|-----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | Reports on housing census subjects such as structural and utilization characteristics in metropolitan areas | Generally limited to U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places |

Figure 3. 1990 Census Summary Tape Files

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

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

Figure 3. 1990 Census Summary Tape Files—Con.

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

| | Geographic areas | Description |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 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 | |
| STF 4 (Sample) | 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 | 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. |
| | 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 | |

Note: STF 420 Place of Work 20 Destinations File. This is a new file for 1990. Comparable data were included as part of STF 4 in 1980, but for 1990 this is a separate file and must be ordered and purchased separately from STF 4. The file contains 20 place of work destinations for each county or county equivalent, minor civil division, place of 10,000 or more persons, and census tract or block numbering area. Data are also provided for each major race and for workers of Hispanic origin cross-classified by race. The geographic level of the destinations varies. A destination may be a place, county, balance of county, metropolitan area, or balance of metropolitan area.

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

²Also available on laser disc (CD-ROM). STF 1B CD-ROM presents only part of the data for blocks and other areas in the tape file.

Figure 4. Other 1990 Census Data Products

| Title | Description | Geographic areas |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Subject Summary Tape Files | Various computer tape files used to produce the subject reports (1990 CP-3 and 1990 CH-3 series). | 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—County Based | | 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 |
| 3 Percent—Elderly | As above, but includes only households with at least one person age 60 or more | Same as for 5-percent sample |
| 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.

Record Layout of Machine-Readable Data Dictionary

CONTENTS

| | |
|----------------------------|-----|
| Geographic Description | G-1 |
| Table (Matrix) Description | G-2 |

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

GEOGRAPHIC DESCRIPTION

Geographic Record 1—Field Mnemonic, Size, and Type

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

Example 1

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

Example 2

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

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

Geographic Record 1—Con.

| | |
|-------|----------------------------|
| 31 | Blank |
| 32 | Number of Implied decimals |
| 33-80 | Blank |

Geographic Record 2—Field Description

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

Geographic Record 3—Code Identification

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

Geographic Description Examples¹

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

TABLE (MATRIX) DESCRIPTION

Table Record 1—Table Number and Characteristics

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

Table Record 2—Table Title

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

Table Record 3—Universe Description

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

Example 3

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

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

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

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

Table Record 3—Con.

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

Table Record 4-N—Table Variable Descriptions

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

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

Filler Record

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

Matrix Example¹

See example 3 below.

APPENDIX H. Code Lists

These code lists apply to subject characteristics that the Census Bureau will include in its standard 1990 census data products. However, not all code lists may be applicable for this file.

CONTENTS

| | |
|-----------------|------|
| Ancestry | H-1 |
| Group Quarters | H-17 |
| Hispanic Origin | H-22 |
| Industry | H-24 |
| Language | H-30 |
| Occupation | H-37 |
| Place of Birth | H-50 |
| Race | H-54 |

ANCESTRY

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

| 000-099 | WESTERN EUROPE (EXCEPT SPAIN) | 000-099 | WESTERN EUROPE (EXCEPT SPAIN)—Con. |
|---------|-------------------------------|---------|------------------------------------|
| 000-001 | ALSATIAN | 011-014 | BRITISH |
| 000-001 | Alsace Lorraine | 011 | BRITISH |
| | | 011 | Great Britain |
| 002 | ANDORRAN | 011 | United Kingdom |
| 002 | Andorra | 012 | BRITISH ISLES |
| | | 013 | CHANNEL ISLANDER |
| 003-004 | AUSTRIAN | 013 | Guernsey Islander |
| 003 | AUSTRIAN | 013 | Jersey Islander |
| 003 | Austria | 014 | GIBALTAR |
| 004 | TIROL | | |
| 004 | Tirol | 015 | CORNISH |
| | | 015 | Cornwall |
| 005-007 | BASQUE | 016 | CORSICAN |
| 005 | BASQUE | 016 | Corsica |
| 005 | Euskalduna | | |
| 005 | Euzkadi | 017-019 | CYPRIT |
| 006 | FRENCH BASQUE | 017 | CYPRIT |
| 007 | SPANISH BASQUE | 017 | Cyprus |
| 007 | Vasco | 018 | GREEK CYPRIOTE |
| | | 019 | TURKISH CYPRIOTE |
| 008-010 | BELGIAN | 020 | DANISH |
| 008 | BELGIAN | 020 | Denmark |
| 008 | Belgium | | |
| 009 | FLEMISH | 021 | DUTCH |
| 009 | Flanders | 021 | Holland |
| 009 | Fleming | 021 | Netherlands |
| 009 | Viamand | | |
| 010 | WALLOON | | |

000-099 WESTERN EUROPE (EXCEPT SPAIN)—Con.

022 ENGLISH
022 Anglican
022 England
022 Mayflower

023 FAEROE ISLANDER
023 Faeroe Islands

024-025 FINNISH
024 FINNISH
024 Finland
025 KARELIAN

026-027 FRENCH
026 FRENCH
026 France
026 Gascon
026 Huguenot
026 Normandy
027 LORRAINE

028 BRETON
028 Breizh
028 Bretagne
028 Brittany

029 FRISIAN
029 Friesian Islands

030-031 FRIULIAN
030 FRIULIAN
030 Friuli
030 Furlan
031 LADIN

032-045 GERMAN
032 GERMAN
032 Germany
033 BAVARIA
034 BERLIN
035 HAMBURG
036 HANNOVER
037 HESSIAN
038 LUBECKER
039 POMERANIAN
040 PRUSSIAN
041 SAXON
042 SUDETENLANDER
043 WESTPHALIAN
044 EAST GERMAN
045 WEST GERMAN
045 Palatinate
045 Rhineland

000-099 WESTERN EUROPE (EXCEPT SPAIN)—Con.

046-048 GREEK
046 GREEK
046 Greece
047 CRETAN
048 CYCLADES
048 Dodecanese Islander
048 Peloponnesian

049 ICELANDER
049 Iceland

050 IRISH
050 Black Irish
050 Clare
050 Cork
050 Donegal
050 Dubliner
050 Eire
050 Galway
050 Ireland
050 Irish Free State
050 Kerry
050 Kildare
050 Kilkenny
050 Laoighis
050 Leitrim
050 Leix
050 Limerick
050 Longford
050 Louth
050 Mayo
050 Meath
050 Monaghan
050 Offaly
050 Roscommon
050 Sligo
050 Tipperary
050 Waterford
050 Westmeath
050 Wexford
050 Wicklow

051-074 ITALIAN
051 ITALIAN
051 Istria
051 Italy
052 TRIESTE
053 ABRUZZI
054 APULIAN
054 Apulia
055 BASILICATA
055 Lucania
056 CALABRIAN
057 AMALFIN
057 Campania

000-099 WESTERN EUROPE (EXCEPT SPAIN)—Con.

058 EMILIA ROMAGNA
 059 ROME
 059 Lazio
 059 Vatican City
 060 LIGURIAN
 061 LOMBARDIAN
 062 MARCHE
 063 MOLISE
 064 NEAPOLITAN
 065 PIEMONTESE
 066 PUGLIA
 067 SARDINIAN
 068 SICILIAN
 068 Sicily
 069 TOSCANA
 069 Tuscany
 070 TRENTINO
 071 UMBRIAN
 072 VALLE DAOST
 073 VENETIAN
 073 Venezia Giulia
 074 SAN MARINO

075 LAPP
 075 Lapland
 075 Samelat

076 LIECHTENSTEINER
 076 Liechtenstein

077 LUXEMBURGER
 077 Luxemburg

078 MALTESE
 078 Gozo
 078 Malta

079 MANX
 079 Isle of Man

080 MONEGASQUE
 080 Monaco

081 NORTH IRISH
 081 Antrim
 081 Armagh
 081 Derry
 081 Down
 081 Fermanagh
 081 Londonderry
 081 Northern Ireland
 081 Orangeman
 081 Tyrone
 081 Ulster

000-099 WESTERN EUROPE (EXCEPT SPAIN)—Con.

082 NORWEGIAN
 082 Jan Meyen Islander
 082 Norway
 082 Spitsbergen
 082 Svalbard Islander

083 OCCITAN
 083 Provence

084-086 PORTUGUESE
 084 PORTUGUESE
 084 Lusitania
 084 Luso
 084 Portugal
 085 AZORES ISLANDER
 086 MADEIRA ISLANDER

087 SCOTCH-IRISH
 087 Scot-Irish

088 SCOTTISH
 088 Orkney Islander
 088 Pict
 088 Scot
 088 Scotland
 088 Shetland Islander

089-090 SWEDISH
 089 SWEDISH
 089 Sweden
 090 ALAND ISLANDER

091-096 SWISS
 091 SWISS
 091 Switzerland
 092 SUISSE
 093 SWITZER
 093-094 Schweiz
 095 ROMANSCH
 096 SUISSE ROMANE
 096 Ticino

097 WELSH
 097 Wales

098 SCANDINAVIAN
 098 Nordic
 098 Scandinavia

099 CELTIC
 099 Celtic

| | | | |
|----------------|----------------------------------------|----------------|---------------------------------------------|
| 100-180 | EASTERN EUROPE AND SOVIET UNION | 100-180 | EASTERN EUROPE AND SOVIET UNION—Con. |
| 100 | ALBANIAN | 115-116 | ESTONIAN |
| 100 | Albania | 115 | ESTONIAN |
| 100 | Arberesh | 115 | Estonia |
| 100 | Gheg | 116 | LIVONIAN |
| 100 | Italo Albanian | | |
| 100 | Kosovo | 117-119 | FINNO UGRIAN |
| 100 | Tosc | 117 | FINNO UGRIAN |
| | | 117 | Komi |
| 101 | AZERBAIJANI | 117 | Mari |
| 101 | Adjerbaljani | 117 | Udmurt |
| 101 | Azerbaldzhan | 118 | MORDOVIAN |
| 101 | Azeri | 119 | VOYTAK |
| | | | |
| 102 | BELORUSSIAN | 120-121 | GRUZIIA |
| 102 | Byelorussian | 120-121 | Gruzinets |
| | | | |
| 103 | BULGARIAN | 122-123 | GERMAN FROM RUSSIA |
| 103 | Bulgaria | 122 | GERMAN FROM RUSSIA |
| 103 | Bulgaro Macedonian | 123 | VOLGA |
| 103 | Eastern Rumelian | 123 | Black Sea German |
| | | 123 | Volhynian German |
| | | | |
| 104-105 | CARPATHO RUSYN | | |
| 104 | CARPATHO RUSYN | 124 | ROM |
| 104 | Carpatho Rus | 124 | Boyash |
| 104 | Carpatho Russian | 124 | Cali |
| 104 | Carpatho Ruthenian | 124 | Dom |
| 105 | CARPATHIAN | 124 | Gitanos |
| | | 124 | Gypsy |
| 106 | RUSYN | 124 | Kalderash |
| 106 | Rus | 124 | Luri |
| 106 | Rusin | 124 | Manouche |
| 106 | Rusnak | 124 | Nat |
| | | 124 | Romnichal |
| 107 | RUTHENIAN | 124 | Senti |
| 107 | Ruthenia | 124 | Xoraxaya |
| | | | |
| 108 | COSSACK | 125-126 | HUNGARIAN |
| 108 | Don Cossack | 125 | HUNGARIAN |
| 108 | Orenburg Cossack | 125 | Hungary |
| 108 | Terek Cossack | 125 | Szekler |
| 108 | Ural Cossack | 126 | MAGYAR |
| | | | |
| 109-110 | CROATIAN | 127 | KALMYK |
| 109 | Croatia | 127 | Kalmuck |
| 109 | Dalmatian | | |
| 109-110 | Zadar | 128 | LATVIAN |
| | | 128 | Latvia |
| | | 128 | Lettish |
| | | | |
| 111-113 | CZECH | | |
| 111 | CZECH | 129 | LITHUANIAN |
| 112 | BOHEMIAN | 129 | Jmoud |
| 113 | MORAVIAN | 129 | Lithuania |
| | | | |
| 114 | CZECHOSLOVAKIAN | | |
| 114 | Czechoslovakia | 130 | M:ACEDONIAN |
| 114 | Tczechoslovakia | 130 | Macedonia |

| 100-180 | EASTERN EUROPE AND SOVIET UNION—Con. | 100-180 | EASTERN EUROPE AND SOVIET UNION—Con. |
|----------------|---------------------------------------------|----------------|---------------------------------------------|
| 130 | Slavophone | 152 | SERBIAN |
| 131 | MONTENEGRIN | 152 | Serb |
| 131 | Orma Gora | 153 | SLOVAK |
| 132-141 | NORTH CAUCASIAN | 153 | Slovakian |
| 132 | NORTH CAUCASIAN | 153 | Slovjak |
| 132 | Abkhazian | 154-155 | SLOVENE |
| 132 | Adyge | 154 | SLOVENE |
| 132 | Avar | 154 | Slovinc |
| 132 | Caucasus Mountains | 154 | Slovenian |
| 132 | Chechen | 154 | Slovenski |
| 132 | Daghestan | 155 | SORBIAN/WEND |
| 132 | Darghinian | 155 | Lusatian Serb |
| 132 | Gorsy | 155 | Sorb |
| 132 | Ingush | 155 | Wend |
| 132 | Kabardinian | 155 | Wendish |
| 132 | Lezghian | 156-163 | SOVIET TURKIC |
| 132 | Tavlintsy | 156 | SOVIET TURKIC |
| 133 | NORTH CAUCASIAN TURKIC | 156 | Soviet Turk |
| 133 | Adzharian | 157 | BASHKIR |
| 133 | Balkar | 158 | CHUVASH |
| 133 | Cherkess | 159 | GAGAUZ |
| 133 | Circassian | 160 | MESKNETIAN |
| 133 | Karachay | 161-162 | TUVINIAN |
| 133-139 | Kumyk | 163 | YAKUT |
| 140-141 | OSSETIAN | 164 | SOVIET UNION |
| 142-143 | POLISH | 164 | Union of Soviet Socialist Republics |
| 142 | POLISH | 165-167 | TATAR |
| 142 | Gorali | 165 | TATAR |
| 142 | Masurian | 165 | Crimean Tatar |
| 142 | Poland | 165 | Kazan Tatar |
| 142 | Polonia | 165 | Nogay Tatar |
| 142 | Polska | 165 | Polish Tatar |
| 143 | KASHUBIAN | 165 | Volga Tatar |
| 144-147 | ROMANIAN | 165-166 | SOVIET CENTRAL ASIA |
| 144 | ROMANIAN | 167 | Kurile Islander |
| 144 | Romania | 167 | Sakhalin Islander |
| 144 | Transylvania | 167 | Siberian |
| 145 | BESSARABIAN | 168-170 | TURKESTANI |
| 145 | Dobruja | 168 | TURKESTANI |
| 146 | MOLDAVIAN | 168 | Karakalpak |
| 147 | WALLACHIAN | 168 | Kazak |
| 147 | Vlach | 168 | Kirghiz |
| 148-151 | RUSSIAN | 168 | Tadzhik |
| 148 | RUSSIAN | 168 | Turcoman |
| 148 | Black Russian | 168 | Turkestan |
| 148 | Great Russian | 168 | Turkmen |
| 148 | Red Russian | 168 | Turkoman |
| 148 | Rossiya | 168 | Uiger |
| 148-149 | Russia | 169-170 | UZBEG |
| 150-151 | MUSCOVITE | | |

100-180**EASTERN EUROPE AND SOVIET UNION—Con.**

171-174 UKRAINIAN
 171 UKRANIAN
 171 Little Russian
 171 Malo Russian
 171 Ukraine
 172 LEMKO
 172 Lemkian
 173 BOKO
 174 HUSEL

175 WINDISH
 175 Prekmurje
 175 Windisch

176-177 YUGOSLAVIAN
 176 YUGOSLAVIAN
 176 Jugoslavia
 177 HERZEGOVINIAN
 177 Bosanci
 177 Bosnian Muslim
 177 Bosnjaci

178-180 SLAVIC
 178 SLAVIC
 178 Slav
 179-180 SLAVONIAN

181-199 EUROPE, N.E.C.

181 EUROPE, N.E.C.
 181 Central European
 181-182 Middle European
 183 NORTHERN EUROPEAN
 183-184 North Europe
 185 SOUTHERN EUROPEAN
 185-186 South Europe
 187 WESTERN EUROPEAN
 187-189 West Europe
 190 EASTERN EUROPEAN
 190 Byzantine
 190 East Europe
 191-192 BUKOVINA
 193-194 SILESIAN
 195 EUROPEAN
 196 GALICIAN
 196-199 Galicia

200-299 HISPANIC CATEGORIES (INCLUDING SPAIN)

200-203 SPANIARD
 200 SPANIARD
 200 Espanola
 200 Iberian
 200 Spain

200-299**HISPANIC CATEGORIES (INCLUDING SPAIN)—Con.**

201 ANDALUSIAN
 202 ASTURIAN
 203 CASTILLIAN

204-209 CATALONIAN
 204 CATALONIAN
 204 Catalonia
 205 BALEARIC ISLANDER
 205 Mallorca
 206 GALLEGO
 207 VALENCIAN
 208-209 CANARY ISLANDER

210-218 MEXICAN
 210 MEXICAN
 211 MEXICAN AMERICAN
 212 MEXICANO
 213 CHICANO
 214-217 LA RAZA
 218 MEXICAN STATE
 218 Aguascalientes
 218 Baja California
 218 Campeche
 218 Chiapas
 218 Chihuahua
 218 Coahuila
 218 Colima
 218 Distrito Federal
 218 Durango
 218 Guanajuato
 218 Guerrero
 218 Hidalgo
 218 Jalisco
 218 Mexico
 218 Michoacan
 218 Morelos
 218 Nayarit
 218 Nuevo Leon
 218 Oaxaca
 218 Puebla
 218 Queretaro
 218 Quintana Roo
 218 San Luis Potosi
 218 Sinaloa
 218 Sonora
 218 Tabasco
 218 Tamaulipas
 218 Tlaxcala
 218 Vera Cruz
 218 Yucatan
 218 Zacatecas

219-221 COSTA RICAN
 219 Costa Rica
 219-221 Costarricense

**200-299 HISPANIC CATEGORIES
(INCLUDING SPAIN)—Con.**

222 GUATEMALAN
222 Guatemala

223 HONDURAN
223 Honduras

224 NICARAGUAN
224 Nicaragua

225 PANAMANIAN
225 Panama

226 SALVADORAN
226 El Salvador
226 Salvadorian

227-228 CENTRAL AMERICAN
227-228 Central America

229-230 CANAL ZONE

231 ARGENTINEAN
231 Argentine

232 BOLIVIAN
232 Bolivia

233 CHILEAN
233 Chile

234 COLOMBIAN
234 Antiochlo
234 Colombia

235 ECUADORIAN
235 Ecuador
235 Galapagos Islander

236 PARAGUAYAN
236 Paraguay

237 PERUVIAN
237 Peru

238 URUGUAYAN
238 Uruguay

239 VENEZUELAN
239 Venezuela

240-248 CRIOLLO
240-248 Criolla

249 SOUTH AMERICAN
249 America Del Sur

**200-299 HISPANIC CATEGORIES
(INCLUDING SPAIN)—Con.**

249 Sudamerica

250-260 LATIN AMERICAN
250 LATIN AMERICAN
250 America Latina
250 Latinoamericana
251 LATIN
252-260 LATINO

261-270 PUERTO RICAN
261 Boricua
261 Borinquena
261 New York Puerto Rican
261 Puerto Rico
261-270 Puertorriqueno

271-274 CUBAN
271 Cuba
271 Cubana
271-274 Guajiro

275 DOMINICAN
275 Dominican Republic
275 Dominicana
275 Santo Domingo

276-290 HISPANIC
276-290 Hispano

291-299 SPANISH
292 CALIFORNIO
293 TEJANO
293 Tejana
294 NUEVO MEXICANO
295-299 SPANISH AMERICAN

**300-359 WEST INDIES (EXCEPT
HISPANIC)**

300 BAHAMIAN
300 Bahamas

301 BARBADIAN
301 Barbados

302 BELIZEAN
302 Belize
302 British Honduran

303 BERMUDAN
303 Bermuda

304-307 CAYMAN ISLANDER

308-309 JAMAICAN
308-309 Jamaica

300-359 WEST INDIES (EXCEPT HISPANIC)—Con.

310-313 DUTCH WEST INDIES
 310 DUTCH WEST INDIES
 310 Black Dutch
 310 Netherlands Antilles
 311 ARUBA ISLANDER
 311 Bonaire Islander
 311 Curacao Islander
 312-313 ST. MAARTEN ISLANDER
 312 Saba Islander
 312-313 St. Eustatius Islander

314-316 TRINIDADIAN TOBAGONIAN
 314 TRINIDADIAN TOBAGONIAN
 315 TRINIDADIAN
 316 TOBAGONIAN

317-320 U.S. VIRGIN ISLANDER
 317 U.S. VIRGIN ISLANDER
 318 ST. CROIX ISLANDER
 318 Crucian
 318 Santa Cruz
 319 ST. JOHN ISLANDER
 320 ST. THOMAS ISLANDER

321-331 BRITISH WEST INDIES
 321 BRITISH VIRGIN ISLANDER
 321 Tortolan
 321 Virgin Gorda
 321 Anegada
 321 Joest Van Dyke
 321 Peter and Norman
 322 BRITISH WEST INDIAN
 322 British West Indies
 323 TURKS AND CAICOS ISLANDER
 324 ANGUILLA ISLANDER
 325 ANTIGUA AND BARBUDA
 325 Antigua
 325 Barbuda
 325 Redonda Islander
 326 MONTSERRAT ISLANDER
 327 KITTS-NEVIS ISLANDER
 327 St. Christopher Islander
 327 Sombrero Islander
 327 St. Kitts
 327 Nevis
 328 DOMINICA ISLANDER
 329 GRENADIAN
 329 Grenada Islander
 330 VINCENT-GRENADINE ISLANDER
 330 St. Vincent Island
 330 Vincentian
 330 Grenadines Islander
 331 ST. LUCIA ISLANDER

300-359 WEST INDIES (EXCEPT HISPANIC)—Con.

332-334 FRENCH WEST INDIES
 332 FRENCH WEST INDIES
 332 French West Indian
 333 GUADELOUPE ISLANDER
 333 Martinicols
 333 Martinique Islander
 334 CAYENNE
 334 French Gulana
 334 French Guianese
 334 Guyane

335 WEST INDIAN
 335 West Indies
 335 Arawak
 335 Caribs
 335 Caribbean
 335 Garifuna

336-359 HAITIAN
 336-359 Haiti

360-399 CENTRAL AND SOUTH AMERICA (EXCEPT HISPANIC)

360-364 BRAZILIAN
 360-364 Brazil

365-369 SAN ANDRES

370-374 GUYANESE
 370 British Guiana
 370-374 Guyana

375-379 PROVIDENCIA

380-399 SURINAM
 380 Dutch Guiana
 380-399 Netherlands Guiana

400-499 NORTH AFRICA AND SOUTHWEST ASIA

400-401 ALGERIAN
 400-401 Algeria

402-403 EGYPTIAN
 402 Copt
 402 Egypt
 402-403 Fellahin

404-405 LIBYAN
 404-405 Libya

406-407 MOROCCAN
 406 MOROCCAN
 406 Moor
 407 IFNI

**400-499 NORTH AFRICA AND
SOUTHWEST ASIA—Con.**

408-410 TUNISIAN
408-410 Tunisia

411 NORTH AFRICAN

412 ALHUCEMAS
412 Ceuta
412 Chafarinas
412 Melilla

413 BERBER

414 RIO DE ORO
414 Sagula El Hamra

415 BAHRAINI
415 Bahrain

416 IRANIAN
416 Iran
416 Parsi
416 Persia

417-418 IRAQI
417-418 Iraq

419-420 ISRAELI
419-420 Israel

421-422 JORDANIAN
421 JORDANIAN
421 Hashemite
421 Jordan
422 TRANSJORDAN

423-424 KUWAITI
423-424 Kuwait

425-426 LEBANESE
425 Lebanon
425-426 Maronite

427-428 SAUDI ARABIAN
427-428 Saudi Arabia

429-430 SYRIAN
429 Djebel Druze
429 Latakia
429-430 Syria

431-433 ARMENIAN
431-433 Armenia

434 TURKISH
434 Turkey

**400-499 NORTH AFRICA AND
SOUTHWEST ASIA—Con.**

435 YEMENI
435 Yemen Arab Republic

436-441 OMANI
436 OMANI
437 MUSCAT
438 TRUCIAL STATES
438 Trucial Oman
439-440 QATAR
441 BEDOUIN

442-464 KURDISH
442-443 KURDISH
444-464 KURIA MURIA ISLANDER

465-469 PALESTINIAN
465 PALESTINIAN
466 GAZA STRIP
467-469 WEST BANK

470-479 SOUTH YEMEN
470 SOUTH YEMEN
470 Democratic Republic of Yemen
471-479 ADEN

480-481 UNITED ARAB EMIRATES
480 Abu Dhabi
480 Ajman
480 Dubai
480 Fujairah
480 Ras Al Kaimah
480 Sharjah
480-481 Umm Al Qaiwain

482-489 ASSYRIAN
482 Aramean
482 Assyria
482 Chaldean
482 Chaldo
482 Jacobite
482 Kaldany
482 Kaldu
482 Kasddem
482 Kasdu
482 Nestorian
482-489 Telkeffee

490-494 MIDEAST
490-494 Middle Eastern

495-499 ARAB
495 ARAB
495 Arabia
496-499 ARABIC

| 500-599 | SUBSAHARAN AFRICA | 500-599 | SUBSAHARAN AFRICA—Con. |
|---------|--------------------------|---------|------------------------|
| 500-501 | ANGOLAN | 529 | GHANIAN |
| 500 | Angola | 529 | Ashanti |
| 500-501 | Cabinda | 529 | Ghana |
| 502-503 | BENIN | 529 | Gold Coast |
| 502 | Dahomey | 529 | TWI |
| 502-503 | Fon | 530 | GUINEAN |
| 504-505 | BOTSWANA | 530 | Guinea |
| 504-505 | Bechuana | 531 | GUINEA BISSAU |
| 506-507 | BURUNDIAN | 532-533 | IVORY COAST |
| 506-507 | Urundi | 534-537 | KENYAN |
| 508-509 | CAMEROONIAN | 534-537 | Kenya |
| 508 | Cameroon | 538-540 | LESOTHO |
| 508-509 | Fako | 538-540 | Basuto |
| 510-511 | CAPE VERDEAN | 541-542 | LIBERIAN |
| 510 | Brava | 541-542 | Liberia |
| 510-511 | Cape Verde Islander | 543-544 | MADAGASCAN |
| 512 | CENTRAL AFRICAN REPUBLIC | 543-544 | Madagascar |
| 512 | Ubangui Shari | 545 | MALAWIAN |
| 513-514 | CHADIAN | 545 | Malawi |
| 513-514 | Chad | 546 | MALIAN |
| 515-518 | CONGOLESE | 546 | Mali |
| 515 | CONGOLESE | 547-548 | MAURITANIAN |
| 516-518 | CONGO BRAZZAVILLE | 547-548 | Mauritania |
| 519 | DJIBOUTI | 549 | MOZAMBICAN |
| 519 | Afars And Issas | 549 | Mozambique |
| 519 | Jibuti | 550 | NAMIBIAN |
| 520-521 | EQUATORIAL GUINEA | 550 | Namibia |
| 520 | EQUATORIAL GUINEA | 551-552 | NIGER |
| 520 | Rio Muni | 553-560 | NIGERIAN |
| 521 | CORSICO ISLANDER | 553 | NIGERIAN |
| 521 | Annobon Islander | 553 | Nigeria |
| 521 | Bioko Islander | 554 | FULAH |
| 521 | Elobeis Islander | 554 | Fulani |
| 521 | Fernando Po Islander | 555 | HAUSA |
| 522-524 | ETHIOPIAN | 556 | IBO |
| 522 | ETHIOPIAN | 557 | TIV |
| 522 | Abyssinia | 558-560 | YORUBA |
| 522 | Ethiopia | 561-563 | RWANDAN |
| 523-524 | ERITREAN | 561-563 | Rwanda |
| 525-526 | GABONESE | | |
| 525-526 | Gabon | | |
| 527-528 | GAMBIAN | | |
| 527-528 | Gambia | | |

500-599 SUBSAHARAN AFRICA—Con.

564-565 SENEGALESE
 564 Dakar
 564-565 Senegal

566-567 SIERRA LEONEAN
 566-567 Sierra Leone

568 SOMALIAN
 568 Somali Republic
 568 Somalia

569 SWAZILAND

570-573 SOUTH AFRICAN
 570 SOUTH AFRICAN
 571 UNION OF SOUTH AFRICA
 571 Orange Free State
 571 Pretoria
 571 Transkei
 571 Transvaal
 572 AFRIKANER
 572 Boer
 573 NATALIAN

574-575 ZULU
 574-575 Zululand

576-581 SUDANESE
 576 SUDANESE
 576 Sudan
 577 DINKA
 578 NUER
 579 FUR
 579 Darfur
 580-581 BAGGARA

582-585 TANZANIAN
 582 TANZANIAN
 582 Tanzania
 583 TANGANYIKAN
 584-585 ZANZIBAR ISLANDER

586-587 TOGO
 586-587 Togoland

588 UGANDAN
 588 Lugbara
 588 Uganda

589-590 UPPER VOLTAN
 589 UPPER VOLTAN
 590 VOLTA

591 ZAIRIAN
 591 Belgian Congo
 591 Congo Kinshasa

500-599 SUBSAHARAN AFRICA—Con.

591 Zaire

592 ZAMBIAN
 592 Zambia

593 ZIMBABWEAN
 593 Rhodesia
 593 Zimbabwe

594-595 AFRICA ISLANDS (EXCEPT
 MADAGASCAR)
 594 AFRICA ISLANDS
 594 Comoros Islander
 594 Principe Islander
 594 Reunion Islander
 594 Sao Tome Islander
 594 Seychelles Islander
 594 St. Helena Islander
 594 St. Pierre Islander
 594 Tristan De Cunha Islander
 595 MAURITIAN
 595 Mauritius Islander

596-599 SUBSAHARAN AFRICAN, N.E.C.
 596 CENTRAL AFRICAN
 596 Central Africa
 596 Middle Congo
 597 EAST AFRICAN
 597 East Africa
 597 Galla
 597 Kikuyu
 597 Masai
 598 WEST AFRICAN
 598 West Africa
 599 AFRICAN
 599 Africa

600-699 SOUTH ASIA
 600-602 AFGHANISTAN
 600 AFGHANISTAN
 601 BALUCHISTAN
 602 PATHAN

603-606 BANGLADESHI
 603 Bangladesh
 603-606 East Pakistan

607-608 BHUTANESE
 607-608 Bhotan

609-614 NEPALI
 609-614 Nepal

615-679 ASIAN INDIAN
 615 ASIAN INDIAN
 615 Behar

600-699**SOUTH ASIA—Con.**

615 Dravidian
 615 Hindu
 615 Indo Aryan
 615 Sikh
 616-617 KASHMIR
 618-619 BENGALI
 620-621 EAST INDIAN
 622 ANDAMAN ISLANDER
 622-623 Nocobar Islander
 624-625 ANDHRA PRADESH
 626-627 ASSAMESE
 628-629 GOANESE
 630-631 GUJARATI
 632-633 KARNATAKAN
 634-635 KERALAN
 636-637 MADHYA PRADESH
 638-639 MAHARASHTRAN
 640-641 MADRAS
 642-643 MYSORE
 644-645 NAGALAND
 646-647 ORISSA
 648-649 PONDICHERRY
 650-651 PUNJAB
 652-653 RAJASTHAN
 654-655 SIKKIM
 656-657 TAMIL NADU
 658-674 UTTAR PRADESH
 675-679 EAST INDIES

680-689**PAKISTANI**

680 Jammu
 680 Pakistan
 680 Sind
 680-689 West Pakistan

690-694**SRI LANKAN**

690 SRI LANKAN
 690 Ceylon
 690 Sri Lanka
 691 SINGHALESE
 692-694 VEDDAH

695-699**MALDIVIAN**

695 Kampuchean
 695-699 Maldivian Islander

700-799**OTHER ASIA**

700-702 BURMESE
 700 BURMESE
 700 Cachin
 700 Karen
 700 Mon
 700-701 Palaung
 702 SHAN

700-799

703-705
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718-719**720-729**

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740-745

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 741

OTHER ASIA—Con.

CAMBODIAN
 CAMBODIAN
 Cambodia
 Kampuchea
 KHMER

CHINESE
 CHINESE
 China
 Jehol
 Sino Chinese
 Yao
 CANTONESE
 MANCHURIA
 MANDARIN

MONGOLIAN
 Buriat
 Mongolia

TIBETAN
 Tibet

HONG KONG
 Hong Kong Chinese
 Eastern Archipelago
 Riau Islander

MACAO

FILIPINO
 Cebuanos
 Philippines
 Tagalog

INDONESIAN
 INDONESIA
 Ascension Islander
 Bangka
 Billiton
 Celebes Islander
 Dutch East Indian
 Indonesia
 Molucca Islander
 Portuguese Timor
 Spice Islander
 Sulawesi Islander

BORNEO
 JAVA
 SUMATRA

JAPANESE
 JAPANESE
 Japan
 Nipponese
 ISSEI

| | | | |
|----------------|--------------------------|----------------|------------------------|
| 700-799 | OTHER ASIA—Con. | 700-799 | OTHER ASIA—Con. |
| 742 | NISEI | 785-789 | VIETNAMESE |
| 743 | SANSEI | 785 | VIETNAMESE |
| 744 | YONSEI | 785 | Anam |
| 745 | GONSEI | 785 | Vietnam |
| 746-747 | RYUKYU ISLANDER | 786 | KATU |
| 746-747 | Northern Ryukyu Islander | 787 | MA |
| 748-749 | OKINAWAN | 788-789 | MNONG |
| 748-749 | Okinawa | 790-791 | MONTAGNARD |
| 750-764 | KOREAN | 790-791 | Cham |
| 750 | Chosen | 792 | INDO CHINESE |
| 750-764 | Korea | 792 | Indochina |
| 765-767 | LAOTIAN | 793 | EURASIAN |
| 765 | LAOTIAN | 793 | Indoeuropean |
| 765 | Lao | 794 | AMERASIAN |
| 765 | Laos | 795-799 | ASIAN |
| 766-767 | MEO | 795 | Asia |
| 768-769 | HMONG | 795-799 | Orient |
| 768 | Hmongtana | 800-899 | PACIFIC |
| 768 | Laohmong | 800-802 | AUSTRALIAN |
| 768-769 | Mong | 800 | AUSTRALIAN |
| 770 | MALAYSIAN | 800 | Australia |
| 770 | Malaysia | 800 | New South Wales |
| 770 | Sakai | 800 | Northern Territory |
| 770 | Semang | 800 | Queensland |
| 770 | Senoi | 800 | Victoria |
| 771-773 | NORTH BORNEO | 801 | TASMANIAN |
| 771 | Brunei | 802 | AUSTRALIAN ABORIGINE |
| 771 | Sabah | 803-807 | NEW ZEALANDER |
| 771-773 | Sarawak | 803-807 | New Zealand |
| 774-775 | SINGAPOREAN | 808-810 | POLYNESIAN |
| 774-775 | Singapore | 808 | POLYNESIAN |
| 776-781 | THAI | 808 | Norfolk Islander |
| 776 | THAI | 809 | KAPINGAMARANGAN |
| 776 | Siam | 809 | Nukuoroan |
| 776 | Thailand | 810 | MAORI |
| 777 | BLACK THAI | 811-813 | HAWAIIAN |
| 777 | Thai Dam | 811 | HAWAIIAN |
| 778-781 | WESTERN LAO | 811 | Mixed Hawaiian |
| 782 | TAIWANESE | 811-812 | Native Hawaiian |
| 782 | Taiwan | 813 | PART HAWAIIAN |
| 783-784 | FORMOSAN | 814, 861 | SAMOAN |
| 783-784 | Formosa | 814 | SAMOAN |
| | | 814 | Samoa |
| | | 861 | PART-SAMOAN |

| | | | |
|----------------|-------------------------------------|----------------|-----------------------|
| 800-899 | PACIFIC—Con. | 800-899 | PACIFIC—Con. |
| 815 | TONGAN | 830 | Satawalese |
| 815 | Tonga | 830 | Ulithian |
| | | 830 | Woleaian |
| 816 | TOKELAUAN | 831 | KIRIBATESE |
| 816 | Tokelau Islander | 831 | Gilbertese |
| 817 | COOK ISLANDER | 832-833 | NAURUAN |
| 818 | TAHITIAN | 832 | NAURUAN |
| 818 | French Polynesia | 833 | TARAWA ISLANDER |
| 818 | Society Islander | 834-839 | TINIAN |
| 819 | NIUEAN | 840 | MELANESIAN |
| 820 | MICRONESIAN | 841-842 | FIJIAN |
| 820 | Micronesia Islander | 841-842 | Fiji |
| 820 | U.S. Trust Territory of the Pacific | 843-844 | NEW GUINEAN |
| 821-822 | GUAMANIAN | 843 | NEW GUINEAN |
| 821 | GUAMANIAN | 844 | PAPUAN |
| 821 | Guam | 845 | SOLOMON ISLANDER |
| 822 | CHAMORRO ISLANDER | 845 | British Solomons |
| 823 | SAIPANESE | 846 | NEW CALEDONIAN |
| 823 | Northern Marianas Islander | 847-849 | VANUATUAN |
| 823 | Saipan Islander | 847 | New Hebrides Islander |
| 824 | PALAUAN | 847-849 | Ni Vanuatu |
| 825 | MARSHALLESE | 850-859 | PACIFIC ISLANDER |
| 825 | Marshall Islander | 850 | Campbell Islander |
| 826 | KOSRAEAN | 850 | Christmas Islander |
| 827 | PONAPEAN (POHNPEIAN) | 850 | Kermadec Islander |
| 827 | Mokilese | 850 | Midway Islander |
| 827 | Ngatikese | 850 | Phoenix Islander |
| 827 | Pingelapese | 850-859 | Wake Islander |
| 828 | TRUKESE (CHUUKESE) | 860 | PACIFIC |
| 828 | Hall Islander | 860 | Oceania |
| 828 | Mortlockese | 861 | See SAMOAN (code 814) |
| 828 | Namanouito | 862 | CHAMOLINIAN |
| 828 | Pulapese | 863-899 | RESERVE CODE |
| 828 | Pulasukese | 864 | RESERVE CODE 1 |
| 828 | Pulawatese | 865 | RESERVE CODE 2 |
| 828 | Tamatamian | 866 | RESERVE CODE 3 |
| 828 | Ulul | 867 | RESERVE CODE 4 |
| 829 | YAPESE | 868 | RESERVE CODE 5 |
| 830 | CAROLINIAN | 869 | RESERVE CODE 6 |
| 830 | Eauripikese | 870 | RESERVE CODE 7 |
| 830 | Faisian | 871 | RESERVE CODE 8 |
| 830 | Ifalukese | 872 | RESERVE CODE 9 |
| 830 | Lamotrekese | | |

800-899**PACIFIC—Con.**

873 RESERVE CODE 10
 874 RESERVE CODE 11
 875 RESERVE CODE 12
 876 RESERVE CODE 13
 877 RESERVE CODE 14
 878 RESERVE CODE 15
 879 RESERVE CODE 16
 880 RESERVE CODE 17
 881 RESERVE CODE 18
 882 RESERVE CODE 19
 883 RESERVE CODE 20
 884 RESERVE CODE 21
 885 RESERVE CODE 22
 886 RESERVE CODE 23
 887 RESERVE CODE 24
 888 RESERVE CODE 25
 889 RESERVE CODE 26
 890 RESERVE CODE 27
 891 RESERVE CODE 28
 892 RESERVE CODE 29
 893 RESERVE CODE 30
 894 RESERVE CODE 31
 895 RESERVE CODE 32
 896 RESERVE CODE 33
 897 RESERVE CODE 34
 898 RESERVE CODE 35
 899 RESERVE CODE 36

900-994**NORTH AMERICA (EXCEPT HISPANIC)**

900-912 AFRICAN AMERICAN
 900 AFRO AMERICAN
 901 AFRO
 902 AFRICAN AMERICAN
 903 BLACK
 904 NEGRO
 905 NONWHITE
 906 COLORED
 906 Bilalian
 906 Nigritian
 907 CREOLE
 908-912 MULATTO

913-923

NATIVE AMERICAN
 913 CENTRAL AMERICAN INDIAN
 914-918 SOUTH AMERICAN INDIAN
 919 CHEROKEE
 920 AMERICAN INDIAN
 921 ALEUT
 922 ESKIMO
 923 INUIT

924-928

WHITE
 924 WHITE
 924 Caucasian

900-994**NORTH AMERICA (EXCEPT HISPANIC)—Con.**

925 ANGLO
 925 Swamp Yankee
 925-926 Wasp
 927 APPALACHIAN
 927 Hillbilly
 928 ARYAN

929 PENNSYLVANIA GERMAN
 929 Amish
 929 Pennsylvania Dutch
 929 Mennonite
 929 Hutterite

930 GREENLANDER

931-934 CANADIAN
 931 CANADIAN
 931 Albertan
 931 British Columbia
 931 Canada
 931 Labrador
 931 Manitoba
 931 New Brunswick
 931 Ontario
 931 Prince Edward Islander
 931 Saskatchewan
 931 Yukon
 931-932 NEWFOUNDLAND
 933 NOVA SCOTIA
 934

935 FRENCH CANADIAN
 935 Canadien
 935 Franco American
 935 Quebec
 935 Quebecois

936-938 ACADIAN/CAJUN
 936 ACADIAN
 936 Acadia
 937-938 CAJUN

939 AMERICAN

940-992 UNITED STATES
 940 UNITED STATES
 941 ALABAMA
 942 ALASKA
 943 ARIZONA
 944 ARKANSAS
 945 CALIFORNIA
 946 COLORADO
 947 CONNECTICUT
 948 DISTRICT OF COLUMBIA
 949 DELAWARE
 950 FLORIDA

| 900-994 | NORTH AMERICA (EXCEPT HISPANIC)—Con. | 995-999 | RESIDUAL AND NO RESPONSE |
|---------|--------------------------------------|---------|--------------------------|
| 951 | IDAHO | 995 | MIXTURE |
| 952 | ILLINOIS | 996-997 | UNCODABLE ENTRIES |
| 953 | INDIANA | 998 | OTHER RESPONSES |
| 954 | IOWA | 998 | Adventist |
| 955 | KANSAS | 998 | Agnostic |
| 956 | KENTUCKY | 998 | Apostolic |
| 957 | LOUISIANA | 998 | Ashkenazim Jew |
| 958 | MAINE | 998 | Atheist |
| 959 | MARYLAND | 998 | Bahai |
| 960 | MASSACHUSETTS | 998 | Baptist |
| 961 | MICHIGAN | 998 | Brethren |
| 962 | MINNESOTA | 998 | Buddhist |
| 963 | MISSISSIPPI | 998 | Catholic |
| 964 | MISSOURI | 998 | Christian |
| 965 | MONTANA | 998 | Christian Scientist |
| 966 | NEBRASKA | 998 | Congregationalist |
| 967 | NEVADA | 998 | Episcopal |
| 968 | NEW HAMPSHIRE | 998 | Evangelist |
| 969 | NEW JERSEY | 998 | Hebrew |
| 970 | NEW MEXICO | 998 | Holiness |
| 971 | NEW YORK | 998 | Islam |
| 972 | NORTH CAROLINA | 998 | Jain |
| 973 | NORTH DAKOTA | 998 | Jehovahs Witnesses |
| 974-975 | OHIO | 998 | Jewish |
| 976 | OKLAHOMA | 998 | Latter Day Saints |
| 977 | OREGON | 998 | Lutheran |
| 978 | PENNSYLVANIA | 998 | Methodist |
| 979 | RHODE ISLAND | 998 | Mormon |
| 980 | SOUTH CAROLINA | 998 | Muslim |
| 981 | SOUTH DAKOTA | 998 | Orthodox |
| 982 | TENNESSEE | 998 | Pentecostal |
| 983 | TEXAS | 998 | Presbyterian |
| 984 | UTAH | 998 | Protestant |
| 985 | VERMONT | 998 | Quaker |
| 986 | VIRGINIA | 998 | Roman Catholic |
| 987 | WASHINGTON | 998 | Salvation Army |
| 988 | WEST VIRGINIA | 998 | Sephardic |
| 989 | WISCONSIN | 998 | Seventh Day Adventist |
| 990 | WYOMING | 998 | Shiite |
| 991-992 | GEORGIA | 998 | Unitarian |
| | | 998 | Yiddish |
| | | 998 | Zoroastrian |
| 993 | SOUTHERNER | 999 | NOT REPORTED |
| 994 | NORTH AMERICAN | | |
| 994 | North America | | |

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 originally 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> |
| 97-N | -- | 4. <i>Military Quarters on Base</i> : Including barracks, bachelor officers quarters, unaccompanied officer personnel housing, unaccompanied enlisted personnel housing, and similar noninstitutional group living quarters for military personnel. |
| 93-N | -- | 5. <i>Other Workers' Dormitories</i> : Including logging camps, construction workers' camps, fire-house dormitories, job-training camps, energy enclave (Alaska only), Alaskan pipeline camps, nonfarm migratory workers' camps, such as workers who lay oil and gas pipelines. |
| | | 6. <i>Runaway, Neglected, and Homeless Children</i> : Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2. |

GQ codes Staff residents
GQ codes

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

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

1. *Public Ownership*

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

2. *Private Ownership*

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

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

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

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

- | | | |
|------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 76-N | - | 1. <i>Drug/Alcohol Abuse:</i> Including group homes, detoxification centers, quarterway houses such as residential treatment facilities that work closely with an accredited hospital, halfway houses, recovery homes for ambulatory, and mentally competent recovering alcoholics who may be re-entering the work force. (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.) |
| 29-N | - | 2. <i>Maternity</i> (Homes for unwed mothers) (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.) |
| | | 3. <i>Mentally Ill</i> |
| 16-N | - | a. Federal |
| 17-N | - | b. State |
| 18-N | - | c. Private |
| 19-N | - | d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |

GQ codes Staff residents
GQ codes

G. Group Homes—Con.

4. Mentally Retarded

- 56-N -- a. Federal
- 57-N -- b. State
- 58-N -- c. Private
- 59-N -- d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.)

5. Physically Handicapped

- 72-N -- a. Public ownership
- 73-N -- b. Private ownership
- 74-N -- c. Don't know if public/private ownership (Use only as a last resort if no other type code applies.)

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

- 79-N -- 7. **Other Group Homes:** Including communes, foster care homes and job corps centers with 10 or more unrelated children. Do not include emergency housing for persons with no other home. See paragraph F1. (Use only as a last resort if no other type code applies.)

H. Hospitals/Schools for the Handicapped

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

86-N --

2. Drug/Alcohol Abuse: Including hospitals, and hospital wards in psychiatric and general hospitals. These facilities/wards are in a medical setting equipped and designed for the diagnosis and treatment of medical or psychiatric illnesses associated with alcohol or drug abuse. Patients receive supervised medical/nursing care from a formally trained staff. For group homes, see paragraph G.

70-I 70-N

3. Hospitals for Chronically Ill

54-I 86-N

a. Military hospitals or wards for chronically ill

55-I 86-N

b. Other hospitals or wards for chronically ill: Including tuberculosis hospitals or wards, 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.

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

46-I 46-N

a. Federal ownership

47-I 47-N

b. State or local ownership

48-I 48-N

c. Private ownership

45-I 45-N

d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.)

5. Mentally Retarded: Schools, hospitals, wards, including wards in hospitals for the mentally ill, and intermediate care facilities for the mentally retarded. This is in a suitably-equipped setting and with supervised and medical/nursing care from a formally trained staff.

41-I 41-N

a. Federal ownership

43-I 43-N

b. State or local ownership

GQ codes Staff residents
GQ codes

H. Hospitals/Schools for the Handicapped—Con.

- | | | |
|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 42-I | 42-N | c. Private ownership |
| 40-I | 40-N | d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.) |
| | | 6. Physically Handicapped: Including schools, hospitals, or wards in a suitably-equipped medical setting and designed primarily for the physically handicapped who receive supervised care and medical/nursing care from a formally trained staff. |
| | | a. Institutions for the deaf |
| 38-I | 38-N | (1) Public ownership |
| 39-I | 39-N | (2) Private ownership |
| 37-I | 37-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | b. Institutions for the blind |
| 35-I | 35-N | (1) Public ownership |
| 36-I | 36-N | (2) Private ownership |
| 34-I | 34-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| | | c. Orthopedic wards and institutions for physically handicapped: Including accident victims, and persons with polio, cerebral palsy, and muscular dystrophy. |
| 32-I | 32-N | (1) Public ownership |
| 33-I | 33-N | (2) Private ownership |
| 31-I | 31-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| 53-I | 86-N | 7. Wards in General and Military Hospitals for Patients Who Have No Usual Home Elsewhere: Including maternity, neonatal, pediatric (including wards for boarder babies), military, surgical wards, and other purpose wards of hospitals and wards for infectious diseases. |

Note: Do not include long-term care rooms for the elderly in wards or buildings on the grounds of hospitals, see paragraph E.

I. Hotels/Motels: "S-Night" locations, see paragraph F.

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

- | | | |
|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | 1. Long-Term Care (length of stay usually more than 30 days) |
| | | a. Neglected, abused, and dependent children: Including orphanages, homes, or residential care. |
| 03-I | 03-N | (1) Public ownership |
| 04-I | 04-N | (2) Private ownership |
| 02-I | 02-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
| 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.) |

HISPANIC ORIGIN

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

| | | | |
|-----------------------------|--------------------------------------|---------------------|------------------------------|
| 000-001, 006-199 | NOT SPANISH/HISPANIC | 231-249 | SOUTH AMERICAN—Con. |
| 000-001 | Not Spanish/Hispanic (FOSDIC circle) | 234 | Colombian |
| 006-199 | Not Spanish/Hispanic | 235 | Ecuadorian |
| | | 236 | Paraguayan |
| | | 237 | Peruvian |
| 200-209 | SPANIARD | 238 | Uruguayan |
| 200 | Spaniard | 239 | Venezuelan |
| 201 | Andalusian | 240 | Reserve Spanish/Hispanic 6 |
| 202 | Asturian | 241 | Reserve Spanish/Hispanic 7 |
| 203 | Castilian | 242 | Reserve Spanish/Hispanic 8 |
| 204 | Catalonian | 243 | Reserve Spanish/Hispanic 9 |
| 205 | Balearic Islander | 244 | Reserve Spanish/Hispanic 10 |
| 206 | Gallego | 245 | Reserve Spanish/Hispanic 11 |
| 207 | Valencian | 246 | Reserve Spanish/Hispanic 12 |
| 208 | Canarian | 247 | South American Indian |
| 209 | Spanish Basque | 248 | Criollo |
| | | 249 | South American |
| 002, 210-220 | MEXICAN | 250-260 | LATIN AMERICAN |
| 002 | Mexican (FOSDIC circle) | 250 | Latin American |
| 210 | Mexican | 251 | Latin |
| 211 | Mexican American | 252 | Latino |
| 212 | Mexicano | 253 | Reserve Spanish/Hispanic 13 |
| 213 | Chicano | 254 | Reserve Spanish/Hispanic 14 |
| 214 | La Raza | 255 | Reserve Spanish/Hispanic 15 |
| 215 | Mexican American Indian | 256 | Reserve Spanish/Hispanic 16 |
| 216 | Reserve Spanish/Hispanic 1 | 257 | Reserve Spanish/Hispanic 17 |
| 217 | Reserve Spanish/Hispanic 2 | 258 | Reserve Spanish/Hispanic 18 |
| 218 | Mexico | 259 | Reserve Spanish/Hispanic 19 |
| 219 | Reserve Spanish/Hispanic 3 | 260 | Reserve Spanish/Hispanic 20 |
| 220 | Reserve Spanish/Hispanic 4 | | |
| 221-230 | CENTRAL AMERICAN | 003, 261-270 | PUERTO RICAN |
| 221 | Costa Rican | 003 | Puerto Rican (FOSDIC circle) |
| 222 | Guatemalan | 261 | Puerto Rican |
| 223 | Honduran | 262 | Reserve Spanish/Hispanic 21 |
| 224 | Nicaraguan | 263 | Reserve Spanish/Hispanic 22 |
| 225 | Panamanian | 264 | Reserve Spanish/Hispanic 23 |
| 226 | Salvadoran | 265 | Reserve Spanish/Hispanic 24 |
| 227 | Central American | 266 | Reserve Spanish/Hispanic 25 |
| 228 | Central American Indian | 267 | Reserve Spanish/Hispanic 26 |
| 229 | Canal Zone | 268 | Reserve Spanish/Hispanic 27 |
| 230 | Reserve Spanish/Hispanic 5 | 269 | Reserve Spanish/Hispanic 28 |
| | | 270 | Reserve Spanish/Hispanic 29 |
| 231-249 | SOUTH AMERICAN | | |
| 231 | Argentinean | | |
| 232 | Bolivian | | |
| 233 | Chilean | | |

004, 271-274 CUBAN

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

275-289 DOMINICAN

275 Dominican
276 Reserve Spanish/Hispanic 33
277 Reserve Spanish/Hispanic 34
278 Reserve Spanish/Hispanic 35
279 Reserve Spanish/Hispanic 36
280 Reserve Spanish/Hispanic 37
281 Reserve Spanish/Hispanic 38
282 Reserve Spanish/Hispanic 39
283 Reserve Spanish/Hispanic 40
284 Reserve Spanish/Hispanic 41
285 Reserve Spanish/Hispanic 42

275-289 DOMINICAN—Con.

286 Reserve Spanish/Hispanic 43
287 Reserve Spanish/Hispanic 44
288 Reserve Spanish/Hispanic 45
289 Reserve Spanish/Hispanic 46

005, 290-999 OTHER SPANISH/HISPANIC

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

INDUSTRY

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

000-039 AGRICULTURE, FORESTRY, AND FISHERIES

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

040-059 MINING

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

060-099 CONSTRUCTION (15, 16, 17)

100-399 MANUFACTURING

- 100-229 Nondurable Goods
- 100-129 Food and kindred products
 - 100 Meat products (201)
 - 101 Dairy products (202)
 - 102-109 Canned, frozen and preserved fruits and vegetables (203)
 - 110 Grain mill products (204)
 - 111 Bakery products (205)
 - 112-119 Sugar and confectionery products (206)
 - 120 Beverage industries (208)
 - 121 Miscellaneous food preparations and kindred products (207, 209)
 - 122-129 Not specified food industries
- 130-131 Tobacco manufactures (21)
- 132-150 Textile mill products
 - 132-139 Knitting mills (225)
 - 140 Dyeing and finishing textiles, except wool and knit goods (226)
 - 141 Carpets and rugs (227)
 - 142-149 Yarn, thread, and fabric mills (221-224, 228)
 - 150 Miscellaneous textile mill products (229)
- 151-159 Apparel and other finished textile products
 - 151 Apparel and accessories, except knit (231-238)
 - 152-159 Miscellaneous fabricated textile products (239)
- 160-170 Paper and allied products
 - 160 Pulp, paper, and paperboard mills (261-263)
 - 161 Miscellaneous paper and pulp products (267)
 - 162-170 Paperboard containers and boxes (265)

100-399**MANUFACTURING—Con.**

- 171-179 Printing, publishing, and allied industries
 171 Newspaper publishing and printing (271)
 172-179 Printing, publishing, and allied industries, except newspapers (272-279)
- 180-199 Chemicals and allied products
 180 Plastics, synthetics, and resins (282)
 181 Drugs (283)
 182-189 Soaps and cosmetics (284)
 190 Paints, varnishes, and related products (285)
 191 Agricultural chemicals (287)
 192-199 Industrial and miscellaneous chemicals (281, 286, 289)
- 200-209 Petroleum and coal products
 200 Petroleum refining (291)
 201-209 Miscellaneous petroleum and coal products (295, 299)
- 210-219 Rubber and miscellaneous plastics products
 210 Tires and inner tubes (301)
 211 Other rubber products, and plastics footwear and belting (302-306)
 212-219 Miscellaneous plastics products (308)
- 220-229 Leather and leather products
 220 Leather tanning and finishing (311)
 221 Footwear, except rubber and plastic (313, 314)
 222-229 Leather products, except footwear (315-317, 319)
- 230-399 Durable Goods
- 230-241 Lumber and wood products, except furniture
 230 Logging (241)
 231 Sawmills, planing mills, and millwork (242, 243)
 232-240 Wood buildings and mobile homes (245)
 241 Miscellaneous wood products (244, 249)
- 242-249 Furniture and fixtures (25)
- 250-269 Stone, clay, glass, and concrete products
 250 Glass and glass products (321-323)
 251 Cement, concrete, gypsum, and plaster products (324, 327)
 252-260 Structural clay products (325)
 261 Pottery and related products (326)
 262-269 Miscellaneous nonmetallic mineral and stone products (328, 329)
- 270-309 Metal industries
 270 Blast furnaces, steelworks, rolling and finishing mills (331)
 271 Iron and steel foundries (332)
 272-279 Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)
 280 Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
 281 Cutlery, handtools, and general hardware (342)
 282-289 Fabricated structural metal products (344)
 290 Screw machine products (345)
 291 Metal forgings and stampings (346)
 292-299 Ordnance (348)
 300 Miscellaneous fabricated metal products (341, 343, 347, 349)
 301-309 Not specified metal industries

100-399**MANUFACTURING—Con.**

- 310-339 Machinery and computing equipment
- 310 Engines and turbines (351)
- 311 Farm machinery and equipment (352)
- 312-319 Construction and material handling machines (353)
- 320 Metalworking machinery (354)
- 321 Office and accounting machines (3578, 3579)
- 322-330 Computers and related equipment (3571-3577)
- 331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)
- 332-339 Not specified machinery

- 340-350 Electrical machinery, equipment, and supplies
- 340 Household appliances (363)
- 341 Radio, TV, and communication equipment (365, 366)
- 342-349 Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
- 350 Not specified electrical machinery, equipment, and supplies

- 351-370 Transportation equipment
- 351 Motor vehicles and motor vehicle equipment (371)
- 352-359 Aircraft and parts (372)
- 360 Ship and boat building and repairing (373)
- 361 Railroad locomotives and equipment (374)
- 362-369 Guided missiles, space vehicles, and parts (376)
- 370 Cycles and miscellaneous transportation equipment (375, 379)

- 371-389 Professional and photographic equipment, and watches
- 371 Scientific and controlling instruments (381, 382 except 3827)
- 372-379 Medical, dental, and optical instruments and supplies (3827, 384, 385)
- 380 Photographic equipment and supplies (386)
- 381-389 Watches, clocks, and clockwork operated devices (387)

- 390 Toys, amusement, and sporting goods (394)

- 391 Miscellaneous manufacturing industries (39 except 394)

- 392-399 Not specified manufacturing industries

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

- 400-439 Transportation
- 400 Railroads (40)
- 401 Bus service and urban transit (41, except 412)
- 402-409 Taxicab service (412)
- 410 Trucking service (421, 423)
- 411 Warehousing and storage (422)
- 412-419 U.S. Postal Service (43)
- 420 Water transportation (44)
- 421 Air transportation (45)
- 422-431 Pipe lines, except natural gas (46)
- 432-439 Services incidental to transportation (47)

- 440-449 Communications
- 440 Radio and television broadcasting and cable (483, 484)
- 441 Telephone communications (481)
- 442-449 Telegraph and miscellaneous communications services (482, 489)

- 450-499 Utilities and sanitary services
- 450 Electric light and power (491)

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

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

500-579**WHOLESALE TRADE****500-539****Durable Goods**

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

540-579**Nondurable Goods**

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

580-699**RETAIL TRADE**

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

580-699**RETAIL TRADE—Con.**

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

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

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

721-760**BUSINESS AND REPAIR SERVICES**

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

761-799**PERSONAL SERVICES**

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

800-811**ENTERTAINMENT AND RECREATION SERVICES**

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

812-899**PROFESSIONAL AND RELATED SERVICES**

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

900-939**PUBLIC ADMINISTRATION**

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

940-991**ACTIVE DUTY MILITARY**

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

992-999**EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY**

| | |
|---------|-----------------------------------------|
| 992-999 | Unemployed, last worked 1984 or earlier |
|---------|-----------------------------------------|

LANGUAGE

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

| | | | |
|---------|--------------------|-----|-------------------|
| 000-600 | NOT IN UNIVERSE | 633 | WELSH |
| 601 | JAMAICAN CREOLE | 634 | BRETON |
| 602 | KRIO | 635 | IRISH GAELIC |
| 603 | HAWAIIAN PIDGIN | 636 | SCOTTIC GAELIC |
| 604 | PIDGIN | 637 | GREEK |
| 605 | GULLAH | 638 | ALBANIAN |
| 606 | SARAMACCA | 639 | RUSSIAN |
| | | 640 | BIELORUSSIAN |
| 607 | GERMAN | 641 | UKRAINIAN |
| 607 | Austrian | 642 | CZECH |
| 607 | Swiss | 643 | KASHUBIAN |
| | | | |
| 608 | PENNSYLVANIA DUTCH | 644 | LUSATIAN |
| 609 | YIDDISH | 644 | Sorbian |
| | | 644 | Wendish |
| 610 | DUTCH | | |
| 610 | Flemish | 645 | POLISH |
| | | 646 | SLOVAK |
| 611 | AFRIKAANS | 647 | BULGARIAN |
| 612 | FRISIAN | 648 | MACEDONIAN |
| 613 | LUXEMBOURGIAN | | |
| 614 | SWEDISH | 649 | SERBOCROATIAN |
| 615 | DANISH | 649 | Slavic |
| 616 | NORWEGIAN | 649 | Yugoslav |
| 617 | ICELANDIC | | |
| 618 | FAROESE | 650 | CROATIAN |
| 619 | ITALIAN | 651 | SERBIAN |
| | | 652 | SLOVENE |
| 620 | FRENCH | 653 | LITHUANIAN |
| 620 | Walloon | 654 | LETTISH |
| | | 655 | ARMENIAN |
| 621 | PROVENCAL | | |
| 622 | PATOIS | 656 | PERSIAN |
| | | 656 | Farsi |
| 623 | FRENCH CREOLE | 656 | Pushto |
| 623 | Haitian Creole | | |
| | | 657 | PASHTO |
| 624 | CAJUN | 657 | Afghan |
| 625 | SPANISH | | |
| 626 | CATALONIAN | 658 | KURDISH |
| 627 | LADINO | 659 | BALOCHI |
| 628 | PACHUCO | 660 | TADZHIK |
| 629 | PORTUGUESE | 661 | OSSETE |
| 630 | PAPIA MENTAE | 662 | SANSKRIT |
| 631 | RUMANIAN | | |
| | | 663 | HINDI AND RELATED |
| 632 | RHAETO-ROMANIC | 663 | Hindi |
| 632 | Romansch | 663 | India |
| | | 663 | Urdu |

| | | | |
|-----|------------------------|-----|------------|
| 664 | BENGALI | 706 | MUNDA |
| 665 | PANJABI | 707 | BURUSHASKI |
| 666 | MARATHI | | |
| 667 | GUJARATHI | 708 | CHINESE |
| 668 | BIHARI | 708 | Cantonese |
| 669 | RAJASTHANI | 708 | Yueh |
| 670 | ORIYA | 708 | Min |
| 671 | BHILI | | |
| 672 | ASSAMESE | 709 | HAKKA |
| 673 | KASHMIRI | 709 | Fukien |
| 674 | NEPALI | 709 | K'echia |
| 675 | SINDHI | | |
| 676 | MALDIVIAN | 710 | KAN |
| 677 | SINHALESE | 710 | Nan Chang |
| 678 | ROMANY | | |
| 679 | FINNISH | 711 | HSIANG |
| 680 | ESTONIAN | 711 | Hunan |
| 681 | LAPP | | |
| 682 | HUNGARIAN | 712 | MANDARIN |
| | | 712 | Honan |
| 683 | OTHER URALIC LANGUAGES | 712 | Hopei |
| 683 | Cheremis | 712 | Pei |
| 683 | Mordvin | | |
| 683 | Samoyed | 713 | FUCHOW |
| 683 | Ugric | 713 | Min Pei |
| 683 | Yenisei | | |
| | | 714 | FORMOSAN |
| 684 | CHUVASH | 714 | Min Nan |
| 685 | KARAKALPAK | | |
| 686 | KAZAKH | 715 | WU |
| 687 | KIRGHIZ | 716 | TIBETAN |
| | | | |
| 688 | KARACHAY | 717 | BURMESE |
| 688 | Tatar | 717 | Tonkin |
| | | | |
| 689 | UIGHUR | 718 | KAREN |
| 689 | Uzbek | 719 | KACHIN |
| | | | |
| 690 | AZERBAIJANI | 720 | THAI |
| 691 | TURKISH | 720 | Kam |
| 692 | TURKMEN | 720 | Lao |
| 693 | YAKUT | 720 | Laotian |
| 694 | MONGOLIAN | 720 | Tung |
| 695 | TUNGUS | | |
| | | 721 | MIAO-YAO |
| 696 | CAUCASIAN | | |
| 696 | Avar | 722 | MIAO |
| 696 | Georgian | 722 | Hmong |
| | | | |
| 697 | BASQUE | 723 | JAPANESE |
| 698 | DRAVIDIAN | 724 | KOREAN |
| 699 | BRAHUI | 725 | AINU |
| 700 | GONDI | | |
| 701 | TELUGU | 726 | MON-KHMER |
| 702 | KANNADA | 726 | Cambodian |
| 703 | MALAYALAM | 726 | Khmer |
| 704 | TAMIL | 726 | Mon |
| 705 | KURUKH | | |

| | | | |
|-----|-----------------------------------------------------|-----|--------------|
| 727 | SIBERIAN LANGUAGES, not elsewhere classified | 768 | TONGAN |
| 728 | VIETNAMESE | 769 | NIUEAN |
| 729 | MUONG | 770 | TOKELAUAN |
| 730 | BUGINESE | 771 | FIJIAN |
| 731 | MOLUCCAN | 772 | MARQUESAN |
| 732 | INDONESIAN | 773 | RAROTONGAN |
| 733 | ACHINESE | 774 | MAORI |
| 734 | BALINESE | 775 | NUKUORO |
| 735 | CHAM | 776 | HAWAIIAN |
| 736 | JAVANESE | 777 | ARABIC |
| 737 | MADURESE | 778 | HEBREW |
| 738 | MALAGASY | 779 | SYRIAC |
| 739 | MALAY | 779 | Aramaic |
| 740 | MINANGKABAU | 779 | Assyrian |
| 741 | SUNDANESE | 779 | Chaldean |
| 742 | TAGALOG | 780 | AMHARIC |
| 742 | Filipino | 780 | Tigre |
| 743 | BISAYAN | 781 | BERBER |
| 743 | Ilongo | 782 | CHADIC |
| 744 | SEBUANO | 782 | Hamitic |
| 745 | PANGASINAN | 782 | Hausa |
| 746 | ILOCANO | 783 | CUSHITE |
| 746 | Igorot | 783 | Beja |
| 747 | BIKOL | 783 | Somali |
| 748 | PAMPANGAN | 784 | SUDANIC |
| 749 | GORONTALO | 784 | Dinka |
| 750 | MICRONESIAN | 784 | Gambai |
| 751 | CAROLINIAN | 784 | Sudanese |
| 752 | CHAMORRO | 785 | NILOTIC |
| 753 | GILBERTESE | 785 | Acholi |
| 754 | KUSAIEAN | 785 | Luo |
| 755 | MARSHALLESE | 785 | Nuer |
| 756 | MOKILESE | 786 | NILO-HAMITIC |
| 757 | MORTLOCKESE | 786 | Bari |
| 758 | NAURUAN | 786 | Masai |
| 759 | PALAU | 787 | NUBIAN |
| 760 | PONAPEAN | 788 | SAHARAN |
| 761 | TRUKESE | 789 | NILO-SAHARAN |
| 762 | ULITHEAN | 789 | Fur |
| 763 | WOLEAI-ULITHI | 789 | Songhai |
| 763 | Eauripik | 790 | KHOISAN |
| 763 | Ifaluk | 790 | Bushman |
| 764 | YAPESE | 791 | SWAHILI |
| 765 | INDO-PACIFIC LANGUAGES, not elsewhere classified | 792 | BANTU |
| 765 | Melanesian | 792 | Bembe |
| 766 | POLYNESIAN | | |
| 767 | SAMOAN | | |

| | | | |
|-----|--------------------------------|---------|--------------------|
| 792 | Botswana | 814 | KICKAPOO |
| 792 | Chaga | 815 | MENOMINI |
| 792 | Fan | | |
| 792 | Kikuyu | 816 | FRENCH CREE |
| 792 | Kongo | 816 | Metis |
| 792 | Luganda | | |
| 792 | Naebele | 817 | MIAMI |
| 792 | Xhosa | 818 | MICMAC |
| 792 | Zulu | | |
| | | 819 | OJIBWA |
| 793 | MANDE | 819 | Chippewa |
| 793 | Kpelle | | |
| 793 | Mandingo | 820 | OTTAWA |
| | | | |
| 794 | FULANI | 821 | PASSAMAQUODDY |
| | | 821 | Malecite |
| | | | |
| 795 | GUR | | |
| 795 | Dagomba | 822 | PENOBSCOT |
| | | 823 | ABNAKI |
| 796 | KRU | 824 | POTAWATOMI |
| 796 | Damomeen | 825 | SHAWNEE |
| 796 | Egbo | 826 | WIYOT |
| 796 | Ibo | 827 | YUROK |
| 796 | Nigerian | 828 | KUTENAI |
| 796 | Yoruba | 829 | MAKAH |
| | | | |
| 797 | EFIK | 830 | KWAKIUTL |
| 797 | Ibibio | 830 | Quileute |
| | | | |
| 798 | MBUM AND RELATED | 831-832 | NOOTKA |
| 799 | AFRICAN, not further specified | 833 | LOWER CHEHALIS |
| 800 | ALEUT | | |
| | | 834 | UPPER CHEHALIS |
| 801 | PACIFIC GULF YUPIK | 834 | Chehalis |
| 801 | Pacific Eskimo | 834 | Satsop |
| | | | |
| 802 | ESKIMO | 835 | CLALLAM |
| | | | |
| 803 | INUPIK | 836 | COEUR D'ALENE |
| 803 | Inuit | 836 | Skitsamish |
| | | | |
| 804 | SAINT LAWRENCE ISLAND YUPIK | 837 | COLUMBIA |
| 805 | YUPIK | 837 | Chelan |
| 806 | ALGONQUIAN | 837 | Wenatchee |
| 807 | ARAPAHO | | |
| | | 838 | COWLITZ |
| | | | |
| 808 | ATSINA | | |
| 808 | Gros Ventre | 839 | SALISH |
| | | 839 | Flathead |
| | | | |
| 809 | BLACKFOOT | | |
| 810 | CHEYENNE | 840 | NOOTSACK |
| 811 | CREE | 841 | OKANOGAN |
| | | | |
| 812 | DELAWARE | 842 | PUGET SOUND SALISH |
| 812 | Lenni-Lenape | 842 | Duwamish |
| | | 842 | Nisqualli |
| 813 | FOX | 842 | Puyallup |
| 813 | Sac | 842 | Skagit |

| | | | |
|-----|------------------------|-----|-----------------------|
| 842 | Snohomish | 869 | SOUTHERN MAIDU |
| 842 | Suquamish | 869 | Nisenan |
| 843 | QUINAULT | 870 | COAST MIWOK |
| 843 | Queets | 870 | Bodega |
| | | 870 | Marin |
| 844 | TILLAMOOK | | |
| 845 | TWANA | 871 | PLAINS MIWOK |
| 846 | HAIDA | | |
| 847 | ATHAPASCAN | 872 | SIERRA MIWOK |
| 848 | AHTENA | 872 | Miwok |
| 849 | HAN | | |
| 850 | INGALIT | 873 | NOMLAKI |
| 851 | KOYUKON | 873 | Tehama |
| 852 | KUCHIN | | |
| 853 | UPPER KUSKOKWIM | 874 | PATWIN |
| 854 | TANAINA | 874 | Colouse |
| | | 874 | Suisun |
| 855 | TANANA | | |
| 855 | Minto | 875 | WINTUN |
| | | 876 | FOOTHILL NORTH YOKUTS |
| 856 | TANACROSS | 877 | TACHI |
| 857 | UPPER TANANA | 878 | SANTIAM |
| 857 | Nabesna | 878 | Calapooya |
| 857 | Tetlin | 878 | Wapatu |
| 858 | TUTCHONE | 879 | SIUSLAW |
| | | 879 | Coos |
| 859 | CHASTA COSTA | 879 | Lower Umpqua |
| 859 | Chetco | | |
| 859 | Coquille | 880 | KLAMATH |
| 859 | Smith River Athapascan | 880 | Modoc |
| 860 | HUPA | 881 | NEZ PERCE |
| 861 | OTHER ATHAPASCAN-EYAK | 882 | SAHAPTIAN |
| | LANGUAGES | 882 | Celilo |
| 861 | Cahto | 882 | Kliikitat |
| 861 | Mattole | 882 | Palouse |
| 861 | Wailaki | 882 | Tenino |
| | | 882 | Umatilla |
| 862 | APACHE | 882 | Warm Springs |
| 863 | KIOWA | 882 | Yakima |
| 864 | NAVAHO | | |
| 865 | EYAK | 883 | UPPER CHINOOK |
| | | 883 | Chinook |
| 866 | TLINGIT | 883 | Clackamas |
| 866 | Chilkat | 883 | Multnomah |
| 866 | Sitka | 883 | Wasco |
| 866 | Tongass | 883 | Wishram |
| 866 | Yakutat | | |
| 867 | MOUNTAIN MAIDU | 884 | TSIMSHIAN |
| 867 | Maidu | 885 | ACHUMAWI |
| | | 886 | ATSUGEWI |
| | | 887 | KAROK |
| 868 | NORTHWEST MAIDU | 888 | POMO |
| 868 | Concow | 889 | SHASTAN |

| | | | |
|-----|-------------------|---------|-----------------------------------|
| 890 | WASHO | 924 | KERES |
| 891 | UP RIVER YUMAN | 925 | IROQUOIS |
| 892 | COCOMARICOPA | 926 | MOHAWK |
| 893 | MOHAVE | 927 | ONEIDA |
| 894 | YUMA | 928 | ONONDAGA |
| 895 | DIEGUENO | 929 | CAYUGA |
| 896 | DELTA RIVER YUMAN | 930 | SENECA |
| 897 | UPLAND YUMAN | 931 | TUSCARORA |
| 898 | HAVASUPAI | | |
| 899 | WALAPAI | 932 | WYANDOT |
| 900 | YAVAPAI | 932 | Huron |
| 901 | CHUMASH | | |
| 902 | TONKAWA | 933 | CHEROKEE |
| 903 | YUCHI | 934 | ARIKARA |
| | | 935 | CADDO |
| 904 | CROW | 936 | PAWNEE |
| 904 | Absaroke | 937 | WICHITA |
| | | 938 | COMANCHE |
| 905 | HIDATSA | | |
| 906 | MANDAN | 939 | MONO |
| | | 939 | Owens Valley Paiute |
| 907 | DAKOTA | | |
| 907 | Brule | 940 | PAIUTE |
| 907 | Lakota | | |
| 907 | Oglala | 941 | NORTHERN PAIUTE |
| 907 | Sioux | 941 | Bannock |
| | | 941 | Num |
| 908 | CHIWERE | 941 | Snake |
| 909 | WINNEBAGO | | |
| | | 942 | SOUTHERN PAIUTE |
| 910 | KANSA | 943 | CHEMEHUEVI |
| 910 | Kaw | 944 | KAWAIIISU |
| | | 945 | UTE |
| 911 | OMAHA | 946 | SHOSHONI |
| 912 | OSAGE | 947 | PANAMINT |
| 913 | PONCA | 948 | HOPI |
| | | 949 | CAHUILLA |
| 914 | QUAPAW | 950 | CUPENO |
| 914 | Arkansas | 951 | LUISENO |
| | | 952 | SERRANO |
| 915 | ALABAMA | 953 | TUBATULABAL |
| | | | |
| 916 | CHOCTAW | 954 | PIMA |
| 916 | Chickasaw | 954 | Papago |
| | | | |
| 917 | MIKASUKI | 955 | YAQUI |
| | | | |
| 918 | HICHITA | 956 | AZTECAN |
| 918 | Apalachicola | 956 | Mexicano |
| | | 956 | Nahua |
| 919 | KOASATI | | |
| | | 957-958 | SONORAN, not elsewhere classified |
| 920 | MUSKOGEE | 957 | Cahita |
| 920 | Creek | 957 | Guasave |
| 920 | Seminole | 957 | Huichole |
| 921 | CHETEMACHA | 957 | Nayit |
| 922 | YUKI | 957-958 | Tarahumara |
| 923 | WAPPO | | |

| | | | |
|-----|-----------------|---------|--------------------------------|
| 959 | PICURIS | 971 | Mixtec |
| 959 | Northern Tiwa | 971 | Otomi |
| 959 | Taos | 971 | Popoloc |
| | | 971 | Zapoteca |
| 960 | TIWA | | |
| 960 | Isleta | 972 | QUECHUA |
| 960 | Ysleta | 973 | AYMARA |
| 961 | SANDIA | 974 | ARAWAKIAN |
| | | 974 | Araua |
| 962 | TEWA | 974 | Carib |
| 962 | Hano | 974 | Guajiro |
| 962 | Hopi-Tewa | 974 | Kitemoca |
| 962 | San Ildefonso | 974 | Tatu |
| 962 | San Juan | | |
| 962 | Santa Clara | 975 | CHIBCHAN |
| | | 975 | Boruca |
| 963 | TOWA | 975 | Cuna |
| 964 | ZUNI | 975 | Guaymi |
| 965 | CHINOOK JARGON | 975 | Ica |
| 966 | AMERICAN INDIAN | | |
| | | 976 | TUPI-GUARANI |
| 967 | MISUMALPAN | 976 | Guajibo |
| 967 | Matagalpa | 976 | Guarani |
| 967 | Miskito | 976 | Siriono |
| 967 | Sumu | | |
| | | 977 | JICARILLA |
| 968 | MAYAN LANGUAGES | 977 | Lipan |
| 968 | Cakchiquel | | |
| 968 | Chol | 978 | CHIRICAHUA |
| 968 | Guastec | 978 | Mescalero |
| 968 | Guatemala | | |
| 968 | Ixil | 979 | SAN CARLOS |
| 968 | Kechi | 979 | Cibecue |
| 968 | Mam | 979 | San Carlos |
| 968 | Maya | 979 | San Carlos Apache |
| 968 | Queche | 979 | White Mountain |
| 968 | Yucateca | | |
| | | 980 | KIOWA-APACHE |
| 969 | TARASCAN | 981 | KALISPEL |
| | | 982 | SPOKANE |
| 970 | MAPUCHE | 983-998 | LANGUAGE SPECIFIED, NOT LISTED |
| 970 | Araucanian | 999 | NOT REPORTED |
| 970 | Chilote | | |
| | | | |
| 971 | OTO-MANGUEN | | |
| 971 | Ixatec | | |

OCCUPATION

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

000-202 **MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS**

000-042 Executive, Administrative, and Managerial Occupations

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

023-042 Management Related Occupations

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

043-202 Professional Specialty Occupations

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

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

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

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

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

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

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

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

- 203-212 Health Technologists and Technicians
 - 203 Clinical laboratory technologists and technicians (362)
 - 204 Dental hygienists (363)
 - 205 Health record technologists and technicians (364)
 - 206 Radiologic technicians (365)
 - 207 Licensed practical nurses (366)
 - 208-212 Health technologists and technicians, n.e.c. (369)
- 213-242 Technologists and Technicians, Except Health
 - 213-222 Engineering and Related Technologists and Technicians
 - 213 Electrical and electronic technicians (3711)
 - 214 Industrial engineering technicians (3712)
 - 215 Mechanical engineering technicians (3713)
 - 216 Engineering technicians, n.e.c. (3719)
 - 217 Drafting occupations (372)
 - 218-222 Surveying and mapping technicians (373)
 - 223-225 Science Technicians
 - 223 Biological technicians (382)
 - 224 Chemical technicians (3831)
 - 225 Science technicians, n.e.c. (3832, 3833, 384, 389)
 - 226-242 Technicians, Except Health, Engineering, and Science
 - 226 Airplane pilots and navigators (825)
 - 227 Air traffic controllers (392)
 - 228 Broadcast equipment operators (393)
 - 229-232 Computer programmers (3971, 3972)
 - 233 Tool programmers, numerical control (3974)
 - 234 Legal assistants (396)
 - 235-242 Technicians, n.e.c. (399)
- 243-302 Sales Occupations
 - 243-252 Supervisors and Proprietors, Sales Occupations (40)
 - 253-257 Sales Representatives, Finance and Business Services
 - 253 Insurance sales occupations (4122)
 - 254 Real estate sales occupations (4123)
 - 255 Securities and financial services sales occupations (4124)
 - 256 Advertising and related sales occupations (4153)
 - 257 Sales occupations, other business services (4152)
 - 258-262 Sales Representatives, Commodities, Except Retail
 - 258 Sales engineers (421)
 - 259-262 Sales representatives, mining, manufacturing, and wholesale (423, 424)

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

263-282

Sales Workers, Retail and Personal Services

263

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

264

Sales workers, apparel (4346)

265

Sales workers, shoes (4351)

266

Sales workers, furniture and home furnishings (4348)

267

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

268

Sales workers, hardware and building supplies (4353)

269-273

Sales workers, parts (4367)

274

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

275

Sales counter clerks (4363)

276

Cashiers (4364)

277

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

278-282

News vendors (4365)

283-302

Sales Related Occupations

283

Demonstrators, promoters and models, sales (445)

284

Auctioneers (447)

285-302

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

303-402

Administrative Support Occupations, Including Clerical

303-307

Supervisors, Administrative Support Occupations

303

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

304

Supervisors, computer equipment operators (4512)

305

Supervisors, financial records processing (4521)

306

Chief communications operators (4523)

307

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

308-312

Computer Equipment Operators

308

Computer operators (4612)

309-312

Peripheral equipment operators (4613)

313-315

Secretaries, Stenographers, and Typists

313

Secretaries (4622)

314

Stenographers (4623)

315

Typists (4624)

316-324

Information Clerks

316

Interviewers (4642)

317

Hotel clerks (4643)

318

Transportation ticket and reservation agents (4644)

319-322

Receptionists (4645)

323-324

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

325-336

Records Processing Occupations, Except Financial

325

Classified-ad clerks (4662)

326

Correspondence clerks (4663)

327

Order clerks (4664)

328

Personnel clerks, except payroll and timekeeping (4692)

329-334

Library clerks (4694)

335

File clerks (4696)

336

Records clerks (4699)

337-344

Financial Records Processing Occupations

337

Bookkeepers, accounting, and auditing clerks (4712)

338

Payroll and timekeeping clerks (4713)

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

339-342

Billing clerks (4715)

343

Cost and rate clerks (4716)

344

Billing, posting, and calculating machine operators (4718)

345-347

Duplicating, Mail and Other Office Machine Operators

345

Duplicating machine operators (4722)

346

Mail preparing and paper handling machine operators (4723)

347

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

348-353

Communications Equipment Operators

348-352

Telephone operators (4732)

353

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

354-358

Mail and Message Distributing Occupations

354

Postal clerks, except mail carriers (4742)

355

Mail carriers, postal service (4743)

356

Mail clerks, except postal service (4744)

357-358

Messengers (4745)

359-374

Material Recording, Scheduling, and Distributing Clerks

359-362

Dispatchers (4751)

363

Production coordinators (4752)

364

Traffic, shipping, and receiving clerks (4753)

365

Stock and inventory clerks (4754)

366

Meter readers (4755)

368-372

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

373

Expeditors (4758)

374

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

375-378

Adjusters and Investigators

375

Insurance adjusters, examiners, and investigators (4762)

376

Investigators and adjusters, except insurance (4783)

377

Eligibility clerks, social welfare (4784)

378

Bill and account collectors (4786)

379-402

Miscellaneous Administrative Support Occupations

379-382

General office clerks (463)

383

Bank tellers (4791)

384

Proofreaders (4792)

385

Data-entry keyers (4793)

386

Statistical clerks (4794)

387-388

Teachers' aides (4795)

389-402

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

403-472**SERVICE OCCUPATIONS**

403-412

Private Household Occupations

403

Launderers and ironers (503)

404

Cooks, private household (504)

405

Housekeepers and butlers (505)

406

Child care workers, private household (506)

407-412

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

413-432

Protective Service Occupations

413-415

Supervisors, Protective Service Occupations

413

Supervisors, firefighting and fire prevention occupations (5111)

403-472**SERVICE OCCUPATIONS—Con.**

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

433-472**Service Occupations, Except Protective and Household**

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

445-447**Health Service Occupations**

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

448-455**Cleaning and Building Service Occupations, Except Household**

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

456-472**Personal Service Occupations**

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

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

473-476

Farm Operators and Managers

473

Farmers, except horticultural (5512-5514)

474

Horticultural specialty farmers (5515)

475

Managers, farms, except horticultural (5522-5524)

476

Managers, horticultural specialty farms (5525)

477-493

Other Agricultural and Related Occupations

477-484

Farm Occupations, Except Managerial

477-478

Supervisors, farm workers (5611)

479-482

Farm workers (5612-5617)

483

Marine life cultivation workers (5618)

484

Nursery workers (5619)

485-493

Related Agricultural Occupations

485

Supervisors, related agricultural occupations (5621)

486

Groundskeepers and gardeners, except farm (5622)

487

Animal caretakers, except farm (5624)

488

Graders and sorters, agricultural products (5625)

489-493

Inspectors, agricultural products (5627)

494-496

Forestry and Logging Occupations

494

Supervisors, forestry and logging workers (571)

495

Forestry workers, except logging (572)

496

Timber cutting and logging occupations (573, 579)

497-502

Fishers, Hunters, and Trappers

497

Captains and other officers, fishing vessels (part 8241)

498

Fishers (583)

499-502

Hunters and trappers (584)

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

503-552

Mechanics and Repairers

503-504

Supervisors, mechanics and repairers (60)

505-552

Mechanics and Repairers, Except Supervisors

505-517

Vehicle and Mobile Equipment Mechanics and Repairers

505-506

Automobile mechanics (part 6111)

506

Automobile mechanic apprentices (part 6111)

507

Bus, truck, and stationary engine mechanics (6112)

508

Aircraft engine mechanics (6113)

509-513

Small engine repairers (6114)

514

Automobile body and related repairers (6115)

515

Aircraft mechanics, except engine (6116)

516

Heavy equipment mechanics (6117)

517

Farm equipment mechanics (6118)

518

Industrial machinery repairers (613)

519-522

Machinery maintenance occupations (614)

523-533

Electrical and Electronic Equipment Repairers

523-524

Electronic repairers, communications and industrial equipment (6151, 6153, 6155)

525

Data processing equipment repairers (6154)

526

Household appliance and power tool repairers (6156)

527-528

Telephone line installers and repairers (6157)

529-532

Telephone installers and repairers (6158)

533

Miscellaneous electrical and electronic equipment repairers (6152, 6159)

534

Heating, air conditioning, and refrigeration mechanics (616)

H-44

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

535-552

Miscellaneous Mechanics and Repairers

535

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

536-537

Locksmiths and safe repairers (6173)

538

Office machine repairers (6174)

539-542

Mechanical controls and valve repairers (6175)

543

Elevator installers and repairers (6176)

544-546

Millwrights (6178)

547-548

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

549-552

Not specified mechanics and repairers

553-612

Construction Trades

553-562

Supervisors, Construction Occupations

553

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

554

Supervisors, carpenters and related workers (6313)

555

Supervisors, electricians and power transmission installers (6314)

556

Supervisors, painters, paperhangers, and plasterers (6315)

557

Supervisors, plumbers, pipefitters, and steamfitters (6316)

558-562

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

563-612

Construction Trades, Except Supervisors

563-564

Brickmasons and stonemasons (part 6412, part 6413)

564

Brickmason and stonemason apprentices (part 6412, part 6413)

565

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

566

Carpet installers (part 6462)

567-572

Carpenters (part 6422)

569-572

Carpenter apprentices (part 6422)

573-574

Drywall installers (6424)

575-576

Electricians (part 6432)

576

Electrician apprentices (part 6432)

577-578

Electrical power installers and repairers (6433)

579-582

Painters, construction and maintenance (6442)

583

Paperhangers (6443)

584

Plasterers (6444)

585-587

Plumbers, pipefitters, and steamfitters (part 645)

587

Plumber, pipefitter, and steamfitter apprentices (part 645)

588

Concrete and terrazzo finishers (6463)

589-592

Glaziers (6464)

593

Insulation workers (6465)

594

Paving, surfacing, and tamping equipment operators (6466)

595

Roofers (6468)

596

Sheetmetal duct installers (6472)

597

Structural metal workers (6473)

598

Drillers, earth (6474)

599-612

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

613-627

Extractive Occupations

613

Supervisors, extractive occupations (632)

614

Drillers, oil well (652)

615

Explosives workers (653)

616

Mining machine operators (654)

617-627

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

628-702

Precision Production Occupations

628-633

Supervisors, production occupations (67, 71)

634-655

Precision Metal Working Occupations

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

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

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

703-802

Machine Operators, Assemblers, and Inspectors

703-782

Machine Operators and Tenders, Except Precision

703-716

Metal Working and Plastic Working Machine Operators

703

Lathe and turning machine set-up operators (7312)

704

Lathe and turning machine operators (7512)

705

Milling and planing machine operators (7313, 7513)

706

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

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

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

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

783-795

Fabricators, Assemblers, and Hand Working Occupations

783

Welders and cutters (7332, 7532, 7714)

784

Solders and brazers (7333, 7533, 7717)

785

Assemblers (772, 774)

786

Hand cutting and trimming occupations (7753)

787-788

Hand molding, casting, and forming occupations (7754, 7755)

789-792

Hand painting, coating, and decorating occupations (7756)

793-794

Hand engraving and printing occupations (7757)

795

Miscellaneous hand working occupations (7758, 7759)

796-802

Production Inspectors, Testers, Samplers, and Weighers

796

Production inspectors, checkers, and examiners (782, 787)

797

Production testers (783)

798

Production samplers and weighers (784)

799-802

Graders and sorters, except agricultural (785)

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

803-822

Motor Vehicle Operators

803

Supervisors, motor vehicle operators (8111)

804-805

Truck drivers (8212-8214)

806-807

Driver-sales workers (8218)

808

Bus drivers (8215)

809-812

Taxicab drivers and chauffeurs (8216)

813

Parking lot attendants (874)

814-822

Motor transportation occupations, n.e.c. (8219)

823-842

Transportation Occupations, Except Motor Vehicles

823-827

Rail Transportation Occupations

823

Railroad conductors and yardmasters (8113)

824

Locomotive operating occupations (8232)

825

Railroad brake, signal, and switch operators (8233)

826-827

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

828-842

Water Transportation Occupations

828

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

829-832

Sailors and deckhands (8243)

833

Marine engineers (8244)

834-842

Bridge, lock, and lighthouse tenders (8245)

843-863

Material Moving Equipment Operators

843

Supervisors, material moving equipment operators (812)

844

Operating engineers (8312)

845-847

Longshore equipment operators (8313)

848

Hoist and winch operators (8314)

849-852

Crane and tower operators (8315)

853-854

Excavating and loading machine operators (8316)

855

Grader, dozer, and scraper operators (8317)

856-858

Industrial truck and tractor equipment operators (8318)

859-863

Miscellaneous material moving equipment operators (8319)

864-902

Handlers, Equipment Cleaners, Helpers, and Laborers

864

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

865

Helpers, mechanics, and repairers (863)

866-868

Helpers, Construction, and Extractive Occupations

866

Helpers, construction trades (8641-8645, 8648)

867

Helpers, surveyor (8646)

703-902

OPERATORS, FABRICATORS, AND LABORERS—Con.

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

903-908

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

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

909-999

EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION

909-999 Unemployed, last worked 1984 or earlier

PLACE OF BIRTH

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

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

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

| | | | |
|----------------|----------------------|----------------|------------------------------------------------|
| 001-059 | United States | 001-059 | United States—Con. |
| 001 | Alabama | 041 | Oregon |
| 002-003 | Alaska | 042-043 | Pennsylvania |
| 004 | Arizona | 044 | Rhode Island |
| 005 | Arkansas | 045 | South Carolina |
| 006-007 | California | 046 | South Dakota |
| 008 | Colorado | 047 | Tennessee |
| 009 | Connecticut | 048 | Texas |
| 010 | Delaware | 049 | Utah |
| 011 | District of Columbia | 050 | Vermont |
| 012 | Florida | 051-052 | Virginia |
| 013-014 | Georgia | 053 | Washington |
| 015 | Hawaii | 054 | West Virginia |
| 016 | Idaho | 055 | Wisconsin |
| 017 | Illinois | 056-059 | Wyoming |
| 018 | Indiana | 060-099 | U.S. Outlying Areas and Puerto Rico |
| 019 | Iowa | 060-065 | American Samoa |
| 020 | Kansas | 066 | Guam |
| 021 | Kentucky | 067-068 | Johnston Atoll |
| 022 | Louisiana | 069-070 | Northern Mariana Islands |
| 023 | Maine | 071 | Midway Islands |
| 024 | Maryland | 072-075 | Puerto Rico |
| 025 | Massachusetts | 076-077 | Navassa Island |
| 026 | Michigan | 078 | U.S. Virgin Islands |
| 027 | Minnesota | 079-080 | Wake Island |
| 028 | Mississippi | 081-083 | Baker Island |
| 029 | Missouri | 084-085 | Howland Island |
| 030 | Montana | 086-088 | Jarvis Island |
| 031 | Nebraska | 089-094 | Kingman Reef |
| 032 | Nevada | 095 | Palmyra Atoll |
| 033 | New Hampshire | 096-099 | U.S. territory, not specified |
| 034 | New Jersey | 100-199 | Europe |
| 035 | New Mexico | 100 | Albania |
| 036 | New York | 101 | Andorra |
| 037 | North Carolina | 102 | Austria |
| 038 | North Dakota | | |
| 039 | Ohio | | |
| 040 | Oklahoma | | |

| 100-199 | Europe—Con. |
|---------|-----------------------------------------------|
| 103 | Belgium |
| 104 | Bulgaria |
| 105 | Czechoslovakia |
| 106 | Denmark |
| 107 | Faroe Islands |
| 108 | Finland |
| 109 | France |
| 110 | Germany, not specified |
| 111 | West Germany |
| 112 | West Berlin |
| 113 | East Berlin |
| 114 | East Germany |
| 115 | Gibraltar |
| 116 | Greece |
| 117 | Hungary |
| 118 | Iceland |
| 119 | Ireland |
| 120 | Italy |
| 121 | Jan Mayen |
| 122 | Liechtenstein |
| 123 | Luxembourg |
| 124 | Malta |
| 125 | Monaco |
| 126 | Netherlands |
| 127 | Norway |
| 128 | Poland |
| 129 | Portugal |
| 130 | Azores Islands |
| 131 | Madeira Islands |
| 132 | Romania |
| 133 | San Marino |
| 134 | Spain |
| 135 | Svalbard |
| 136 | Sweden |
| 137 | Switzerland |
| 138 | United Kingdom, not specified |
| 139 | England |
| 140 | Scotland |
| 141 | Wales |
| 142 | Northern Ireland |
| 143 | Guernsey |
| 144 | Jersey |
| 145 | Isle of Man |
| 146 | Vatican City |
| 147 | Yugoslavia |
| 148 | Europe, not specified |
| 149 | Central Europe, not specified |
| 150 | Eastern Europe, not specified |
| 151 | Lapland, not specified |
| 152 | Northern Europe, not specified |
| 153 | Southern Europe, not specified |
| 154-179 | Western Europe, not specified |
| 180 | Union of Soviet Socialist Republics (USSR) |
| 181 | Baltic States, not specified |
| 182 | Estonia |

| 100-199 | Europe—Con. |
|---------|-------------------------------------|
| 183 | Latvia |
| 184-199 | Lithuania |
| 200-299 | Asia |
| 200 | Afghanistan |
| 201 | Bahrain |
| 202 | Bangladesh |
| 203 | Bhutan |
| 204 | Brunei |
| 205 | Burma |
| 206 | Cambodia |
| 207 | China |
| 208 | Cyprus |
| 209 | Hong Kong |
| 210 | India |
| 211 | Indonesia |
| 212 | Iran |
| 213 | Iraq |
| 214 | Israel |
| 215 | Japan |
| 216 | Jordan |
| 217 | Korea, not specified |
| 218 | South Korea |
| 219 | North Korea |
| 220 | Kuwait |
| 221 | Laos |
| 222 | Lebanon |
| 223 | Macau |
| 224 | Malaysia |
| 225 | Maldives |
| 226 | Mongolia |
| 227 | Nepal |
| 228 | Oman |
| 229 | Pakistan |
| 230 | Paracel Islands |
| 231 | Philippines |
| 232 | Qatar |
| 233 | Saudi Arabia |
| 234 | Singapore |
| 235 | Spratley Islands |
| 236 | Sri Lanka |
| 237 | Syria |
| 238 | Taiwan |
| 239 | Thailand |
| 240 | Turkey |
| 241 | United Arab Emirates |
| 242 | Vietnam |
| 243 | Yemen, People's Democratic Republic |
| 244 | Yemen Arab Republic |
| 245 | Asia, not specified |
| 246 | Asia Minor, not specified |
| 247 | East Asia, not specified |
| 248 | Gaza Strip |
| 249 | Indochina, not specified |
| 250 | Iraq-Saudi Arabia Neutral Zone |
| 251 | Mesopotamia, not specified |

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|----------------|------------------------------------|----------------|---------------------------------|
| 200-299 | Asia—Con. | 330-374 | Caribbean—Con. |
| 252 | Middle East, not specified | 357 | Leeward Islands, not specified |
| 253 | Palestine, not specified | 358 | West Indies, not specified |
| 254 | Persian Gulf States, not specified | 359-374 | Windward Islands, not specified |
| 255 | Southeast Asia, not specified | | |
| 256-299 | West Bank | 375-399 | South America |
| 300-399 | America | 375 | Argentina |
| 300-309 | North America | 376 | Bolivia |
| 300 | Bermuda | 377 | Brazil |
| 301 | Canada | 378 | Chile |
| 302 | Greenland | 379 | Colombia |
| 303 | St. Pierre and Miquelon | 380 | Ecuador |
| 304-309 | North America, not specified | 381 | Falkland Islands |
| | | 382 | French Guiana |
| 310-329 | Central America | 383 | Guyana |
| 310 | Belize | 384 | Paraguay |
| 311 | Costa Rica | 385 | Peru |
| 312 | El Salvador | 386 | Suriname |
| 313 | Guatemala | 387 | Uruguay |
| 314 | Honduras | 388 | Venezuela |
| 315 | Mexico | 389-399 | South America, not specified |
| 316 | Nicaragua | 400-499 | Africa |
| 317 | Panama | 400 | Algeria |
| 318-329 | Central America, not specified | 401 | Angola |
| 330-374 | Caribbean | 402 | Bassas da India |
| 330 | Anguilla | 403 | Benin |
| 331 | Antigua and Barbuda | 404 | Botswana |
| 332 | Aruba | 405 | British Indian Ocean Territory |
| 333 | Bahamas | 406 | Burkina Faso |
| 334 | Barbados | 407 | Burundi |
| 335 | British Virgin Islands | 408 | Cameroon |
| 336 | Cayman Islands | 409 | Cape Verde |
| 337 | Cuba | 410 | Central African Republic |
| 338 | Dominica | 411 | Chad |
| 339 | Dominican Republic | 412 | Comoros |
| 340 | Grenada | 413 | Congo |
| 341 | Guadeloupe | 414 | Djibouti |
| 342 | Haiti | 415 | Egypt |
| 343 | Jamaica | 416 | Equatorial Guinea |
| 344 | Martinique | 417 | Ethiopia |
| 345 | Montserrat | 418 | Europa Island |
| 346 | Netherlands Antilles | 419 | Gabon |
| 347 | St. Barthelemy | 420 | Gambia |
| 348 | St. Kitts-Nevis | 421 | Ghana |
| 349 | St. Lucia | 422 | Glorioso Islands |
| 350 | St. Vincent and the Grenadines | 423 | Guinea |
| 351 | Trinidad and Tobago | 424 | Guinea-Bissau |
| 352 | Turks and Caicos Islands | 425 | Ivory Coast |
| 353 | Caribbean, not specified | 426 | Juan de Nova Island |
| 354 | Antilles, not specified | 427 | Kenya |
| 355 | British West Indies, not specified | 428 | Lesotho |
| 356 | Latin America, not specified | 429 | Liberia |
| | | 430 | Libya |
| | | 431 | Madagascar |
| | | 432 | Malawi |
| | | 433 | Mali |

400-499

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470-499

Africa—Con.

Mauritania
Mayotte
Morocco
Mozambique
Namibia
Niger
Nigeria
Reunion
Rwanda
Sao Tome and Principe
Senegal
Mauritius
Seychelles
Sierra Leone
Somalia
South Africa
St. Helena
Sudan
Swaziland
Tanzania
Togo
Tromelin Island
Tunisia
Uganda
Western Sahara
Zaire
Zambia
Zimbabwe
Africa, not specified
Central Africa, not specified
Eastern Africa, not specified
Equatorial Africa, not specified
French Equatorial Africa, not specified
French West Africa, not specified
North Africa, not specified
Western Africa, not specified
Southern Africa, not specified

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Oceania

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

At Sea/Abroad, Not Specified
At sea
Abroad, not specified

RACE

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

000-599, 973 American Indian

| | |
|---------|---------------------------|
| 000-001 | Ahtna |
| 002 | Blorka |
| 003 | Reserve American Indian 1 |
| 004-005 | Bristol Bay |
| 006 | Chanelak |
| 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-Sulattle |
| 039 | Upper Skagit |
| 040 | Skykomish |
| 041 | Snohomish |
| 042 | Snoqualmie |
| 043 | Squaxin Island |
| 044 | Stellacoom |
| 045 | Stillaguamish |
| 046 | Suquamish |
| 047 | Swinomish |
| 048 | Tulalip |

000-599, 973 American Indian—Con.

| | |
|-----|------------------------|
| 049 | Port Madison |
| 050 | Quinault |
| 051 | Quilleute |
| 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 | Alesea |
| 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 Cahulla |
| 081 | Augustine |
| 082 | Cabazon |
| 083 | Cahto |
| 084 | Cahuilla |
| 085 | Campo |
| 086 | Capitan Grande |
| 087 | Chemehuevi |
| 088 | Chimariko |
| 089 | Chumash |
| 090 | Costanoan |
| 091 | Cupeno |
| 092 | Cuyapalpe |
| 093 | Diegueno |
| 094 | Digger |
| 095 | Gabrieleno |
| 096 | Hoopla |
| 097 | Inaja Cosmit |

000-599, 973 American Indian—Con.

098 Karok
 099 Kawaiisu
 100 La Jolla
 101 Lassik
 102 La Posta
 103 Luiseno
 104 Maldu
 105 Manzanita
 106 Mesa Grande
 107 Mountain Maidu
 108 Nishnam
 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 Wallaki
 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 Kallispel
 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 Aroostook
 194 Reserve American Indian 5
 195 Shoshone
 196 Battle Mountain
 197 Duck Water
 198 Elko
 199 Ely
 200 Goshute
 201 Panamint
 202 Ruby Valley
 203 South Fork Shoshone
 204 Washakie
 205 Yomba
 206 Te-Moak Western Shoshone
 207 Bannock
 208 Kootenai
 209-210 Havasupai
 211 Hualapai

000-599, 973 American Indian—Con.

| | |
|-----|---------------------------|
| 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 |

000-599, 973 American Indian—Con.

| | |
|-----|----------------------------|
| 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 |

000-599, 973 American Indian—Con.

| | |
|-----|----------------------------|
| 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 | Haliwa |
| 464 | Lumbee |
| 465 | Moor |
| 466 | Powhatan |
| 467 | Tunica |
| 468 | Wesort |
| 469 | Southeastern Indians |
| 470 | Cajun |
| 471 | Coushatta |
| 472 | Reserve American Indian 23 |
| 473 | Reserve American Indian 24 |
| 474 | Reserve American Indian 25 |
| 475 | Reserve American Indian 26 |
| 476 | Colorado River |
| 477 | Duck Valley |
| 478 | Fallon |
| 479 | Fort Belknap |
| 480 | Fort Berthold |
| 481 | Fort Hall |
| 482 | Fort McDermitt |
| 483 | Fort McDowell |
| 484 | Cow Creek Umpqua |
| 485 | Gila River |
| 486 | Grand Ronde |
| 487 | Los Coyotes |
| 488 | Mission Indians |
| 489 | Morongo |
| 490 | Reno-Sparks |
| 491 | Round Valley |
| 492 | Shoalwater |
| 493 | Siletz |
| 494 | Skull Valley |

000-599, 973 American Indian—Con.

| | |
|-----|----------------------------|
| 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 Walwash |
| 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 Jima |
| 633 | Javanese |
| 634 | Maldivian |
| 635 | Nepali |
| 636 | Sikkim |
| 637 | Singaporean |
| 638 | Sumatran |
| 639 | Madagascar |
| 640 | Reserve Asian 2 |
| 641 | Reserve Asian 3 |
| 642 | Reserve Asian 4 |
| 643 | Reserve Asian 5 |
| 644 | Reserve Asian 6 |
| 645 | Reserve Asian 7 |
| 646 | Reserve Asian 8 |
| 647 | Reserve Asian 9 |
| 648 | Reserve Asian 10 |
| 649 | Reserve Asian 11 |
| 650 | Reserve Asian 12 |
| 651 | Reserve Asian 13 |
| 652 | Reserve Asian 14 |
| 976 | Chinese (FOSDIC circle) |
| 977 | Filipino (FOSDIC circle) |
| 979 | Korean (FOSDIC circle) |
| 980 | Vietnamese (FOSDIC circle) |
| 981 | Japanese (FOSDIC circle) |
| 982 | Asian Indian (FOSDIC circle) |
| 985 | Other Asian or Pacific Islander (FOSDIC circle) |

653-699, 978, 983, 984 Pacific Islander**653-659, 978, 983 Polynesian**

| | |
|-----|--------------------------|
| 653 | Hawaiian |
| 654 | Part Hawaiian |
| 655 | Samoa |
| 656 | Tahitian |
| 657 | Tongan |
| 658 | Polynesian |
| 659 | Tokelauan |
| 978 | Hawaiian (FOSDIC circle) |
| 983 | Samoa (FOSDIC circle) |

660-675, 984 Micronesian

| | |
|-----|------------------|
| 660 | Guamanian |
| 661 | Mariana Islander |
| 662 | Marshallese |

660-675, 984 Micronesia—Con.

| | |
|-----|---------------------------|
| 663 | Palauan |
| 664 | Bikiniian |
| 665 | Carolinian |
| 666 | Eniwetok |
| 667 | Kosraean |
| 668 | Kwajalein |
| 669 | Micronesia |
| 670 | Ponapean (Pohnpeian) |
| 671 | Salpanese |
| 672 | Tarawa Islander |
| 673 | Tinian |
| 674 | Trukese (Chuukese) |
| 675 | Yapese |
| 984 | Guamanian (FOSDIC circle) |

676-680 Melanesian

| | |
|-----|-------------------|
| 676 | Fijian |
| 677 | Melanesian |
| 678 | Papua New Guinean |
| 679 | Solomon Islander |
| 680 | New Hebrides |

681-699 Other Pacific Islander

| | |
|-----|-------------------------------------|
| 681 | Pacific Islander |
| 682 | Reserve Pacific Islander 1 |
| 683 | Reserve Pacific Islander 2 |
| 684 | Reserve Pacific Islander 3 |
| 685 | Reserve Pacific Islander 4 |
| 686 | Reserve Pacific Islander 5 |
| 687 | Reserve Pacific Islander 6 |
| 688 | Reserve Pacific Islander 7 |
| 689 | Reserve Pacific Islander 8 |
| 690 | Reserve Pacific Islander 9 |
| 691 | Reserve Pacific Islander 10 |
| 692 | Reserve Pacific Islander 11 |
| 693 | Reserve Pacific Islander 12 |
| 694 | Reserve Pacific Islander 13 |
| 695 | Reserve Pacific Islander 14 |
| 696 | Asian or Pacific Islander |
| 697 | Reserve Asian or Pacific Islander 1 |
| 698 | Reserve Asian or Pacific Islander 2 |
| 699 | Reserve Asian or Pacific Islander 3 |

700-799, 986, 987-999 Other Race**700-748 Hispanic Origin**

| | |
|-----|-------------------------|
| 700 | Argentinian |
| 701 | Bolivian |
| 702 | Boricua |
| 703 | Californio |
| 704 | Central American |
| 705 | Chicano |
| 706 | Chilean |
| 707 | Colombian |
| 708 | Costa Rican |
| 709 | Cuban |
| 710 | Dominican |
| 711 | Ecuadorian (Ecuadorian) |

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 | Paraguayano |
| 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 | Octroon |
| 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 |
| 816 | White Korean |
| 817 | White Vietnamese |
| 818 | White Japanese |

800-869, 971 White—Con.

| | |
|-----|---------------------------------------|
| 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 |

870-934, 972 Black or Negro—Con.

| | |
|-----|---------------------------------------|
| 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 |
| 923 | Reserve Black 21 |

870-934, 972 Black or Negro—Con.

| | |
|-----|--------------------------------|
| 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

