

## 1980 Census<sup>1</sup>

### 1. 1980 STF files (STF stands for Summary Tape File – from the days of tapes)

See the following WWW site for more information:

<http://www.icpsr.umich.edu/cgi/subject.prl?path=ICPSR&query=IA1c>

STF stands for Summary Tape File (from the days of tapes).

These files have aggregate data person and housing data, aggregated at different geographic levels. For example, a variable may indicate the total number of persons by age in a tract or city.

A, B, C, and D indicate the level of geography and different levels of tabular detail.

- "A" State down to the block group level.
- "B" States down to block level, zipcode level for stf3b.
- "C" US level to "place".
- "D" Congressional District.

1, 2, 3, 4 indicate different levels of racial/ethnic detail in the tables, and provide different tables.

"1" has a table for everyone - there are not separate cards by race. It includes are 37 population tables and 63 housing tables.

"2" has "A" records and "B" records. "A" records are total for the geographic level. "B" records are for categories of race and Hispanic origin.

"3" has a table for everyone - there are not separate tables by race. It has different tables than "1", including ancestry. It includes 178 population tables and 99 housing tables.

"4" has "A" and "B" records. "A" records are summary for the geographic area. "B" records are for up to 48 separate race and Hispanic-origin records. "B" records have 178 population and 85 housing tables.

7941 Census of Population and Housing, 1980 [United States]: Summary Tape File 1A

7975 Census of Population and Housing, 1980 [United States]: Summary Tape File 1B

8091 Census of Population and Housing, 1980 [United States]: Summary Tape File 1C

8093 Census of Population and Housing, 1980 [United States]: Summary Tape File 1D

SUMMARY = Summary Tape File 1 consists of four sets of computer-readable data files containing detailed tabulations of the nation's population and housing characteristics produced from the 1980 Census. This series is comprised of Summary Tape File 1A (STF1A), Summary Tape File 1B (STF1B), Summary Tape File 1C (STF1C), and Summary Tape File 1D (STF1D). STF1A, STF1B, and STF1D have 52 separate files, one for each state, Puerto Rico, and the District of Columbia. STF1C consists of one nation-wide datafile containing information about all states. All files in the STF1 series are identical, containing 321 substantive data variables organized in the form of 59 "tables," as well as standard geographic identification variables. All of the data items contained in all the STF 1 files were tabulated from the "complete count" or "100%" questions included on the 1980 Census questionnaire. All four groups of files within the STF1 series have identical record formats and technical characteristics and differ only in the types of geographical areas for which the summarized data

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items are presented. STF1A provides summaries for state or state equivalent, county or county equivalent, minor civil division/census county division (MCD/CCD), place or place segment within MCD/CCD or remainder of MCD/CCD, census tract or block numbering area (BNA) or untraced segment within place, place segment or remainder of MCD/CCD, block group (BG) or BG segment or enumeration district (ED). An additional STF 1A file for Outlying Areas is also available from ICPSR. This file contains data specifically for the United States possessions: American Samoa, Guam, Northern Mariana Islands, Trust Territory of the Pacific Islands, and the Virgin Islands. The information contained in this file is similar to but not identical with the data for the 50 states and is documented in a separate codebook. All STF 1 files are being released on a state-by-state "flow" basis, with the less populous states generally being prepared and released before the most populous states. Each "record" in these files comprises 3,276 characters with two record segments (physical records) of 1,638 characters each, the number of data records in each file varies by state.; Code books in .pdf format are available from ICPSR. ICPSR has not created SAS or SPSS programs to read these files.

8036 Census of Population and Housing, 1980 [United States]: Summary Tape File 2A

8037 Census of Population and Housing, 1980 [United States]: Summary Tape File 2B

SUMMARY = Summary Tape File 2 (STF2) files contain detailed complete-count tabulations for all persons and housing units in the United States. STF2A and STF2B data files have identical tables but provide coverage of different geographical areas. The STF2A files contain summaries for SMSAs and for these components: counties or county equivalents, places of 10,000 or more inhabitants census tracts, and totals for census tracts split by county components. A summary is also provided for the tracted area outside of SMSAs within each state. STF2A and STF2B data are presented in two types of records, each containing different tables. The first, record A, is presented once for each geographic area and summarizes total population and all housing units. The second, record B, is presented for the total population in each area and repeated for each race and Spanish origin group in the area that meets non-suppression criteria. Record B is presented for a maximum of six racial/Spanish Origin groups in STF2A and a maximum of 26 such groups in STF2B. If too few persons or housing units fall into an ethnic category in a census area, data for that category is suppressed. STF2A and STF2B files each comprise one file per state and Washington D.C. There will be no files for Puerto Rico. The Census Bureau logical record length for each file is 11,736 characters comprised of six physical record segments of 1,956 characters each. After all STF2A and STF2B files are released, STF2C, which is a National file, will be produced.;

CITATION = U.S. Dept. of Commerce, Bureau of the Census. CENSUS OF POPULATION AND HOUSING, 1980 [UNITED STATES]: SUMMARY TAPE FILE 2A [Computer file]. Washington, DC: U.S. Dept. of Commerce, Bureau of the Census [producer], 1982. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 1982.;

There is one data set for each state. Code books in hard-copy form can be ordered from ICPSR. ICPSR has not created SAS or SPSS programs to read these files.

8071 Census of Population and Housing, 1980 [United States]: Summary Tape File 3A

8318 Census of Population and Housing, 1980 [United States]: Summary Tape File 3B

8038 Census of Population and Housing, 1980 [United States]: Summary Tape File 3C

8157 Census of Population and Housing, 1980 [United States]: Summary Tape File 3D

SUMMARY = Summary Tape File 3 consists of four sets of computer-readable data file containing detailed tabulations of the nation's population and housing characteristics produced from the 1980 census. The files contain sample data inflated to represent the total United States population. The files also contain 100% counts and unweighted sample counts of persons and housing units. This series is comprised of STF3A, STF3B, STF3C, and STF3D. All four files have identical tables and format except for the omission of 100% counts for population and housing in STF3B. STF3A, STF3B, AND STF3D have 51 separate files, one for each state, and the District of Columbia. STF3C consists of one nation-wide datafile containing information about all states.

All files in the STF3 series are identical, containing 321 substantive data variables organized in the form of 150 "tables," as well as standard geographic identification variables. Population items tabulated for each person include demographic data and information on schooling, ethnicity, labor force status, children, and details about occupation and income. Housing items include data on size and condition of the housing unit as well as information on value, age, water, sewage and heating, vehicles, and monthly owner costs. Each file provides different geographic coverage. STF3A provides summaries for the States or state equivalents, counties or county equivalents, minor civil divisions (MCDs) or census county divisions (CCDs), places or place segments within MCD/CCDs and remainders of MCD/CCDs, census tracts or block numbering areas (BNAs) and block groups (BGs) or, for areas that are not block numbered, enumeration districts (EDs), places, and Congressional districts. Each file has a logical record length of 12,096 characters with six physical record segments of 2,016 characters each. The number of data records in each file varies by state. An additional STF3A file for Puerto Rico is also available from ICPSR. The information in this file is similar to but not identical with the data for the 50 states and the District of Columbia. This file is documented in a separate codebook. NOTE TO USERS: ICPSR has all of the revised data for STF3A and STF3C files from the Census Bureau. In the event of any further corrections by the Census Bureau, ICPSR will announce the availability of corrected files in the ICPSR Bulletin. The Census Bureau's machine-readable data dictionary for STF3 is also available on the same tape as CENSPAC 3.2 (ICPSR #7789), the software package designed specifically by the Census Bureau for use with the 1980 Census data files. A description of CENSPAC is located in the Instructional Packages section of the Guide.;

STF3A 51 separate files, one for each state  
STF3B 51 separate files, one for each state  
STF3C one nation-wide datafile containing information about all states  
STF3D 51 separate files, one for each state

Code books in .pdf format are available from ICPSR. ICPSR has not created SAS or SPSS programs to read these files.

8282 Census of Population and Housing, 1980: Summary Tape File 4A  
8229 Census of Population and Housing, 1980: Summary Tape File 4B  
8426 Census of Population and Housing, 1980 [United States]: Summary Tape File 4C SMSA Extract  
none Census of Population and Housing, 1980: Summary Tape File 4D

SUMMARY = Summary Tape File 4 consists of three sets of computer-readable data files containing highly detailed tabulations of the nation's population and housing characteristics produced from the 1980 census. The files contain sample data inflated to represent the total United States population. The files also contain 100 percent counts and unweighted sample counts of persons and housing units. This series is comprised of STF 4A, STF 4B, and STF 4C. All series have identical tables and format but differ in geographic coverage. Population items tabulated for each area include demographic data and information on schooling, ethnicity, labor force status, children, and details about occupation and income. Housing items include data on size and condition of the housing unit as well as information on value, age, water, sewage, heating, vehicles, and monthly owner costs.;

Code books in .pdf format are available from ICPSR. ICPSR has not created SAS or SPSS programs to read these files.

## 2. PUMS files

8646 Census of Population and Housing, 1980 [United States]: Public Use Microdata Sample (D Sample) [PUMS-D]  
The Public Use Microdata Samples (PUMS) from the 1980 Census contain individual-level and household-level information from the "long-form" questionnaires distributed to a sample of the population

enumerated in the Census. For PUMS-D, which is a one percent sample, a unique geographic scheme was employed in which counties are grouped into labor market areas. While the A, B, and C PUMS files are hierarchical in structure and contain two types of records ("household" and "person" records), the PUMS-D file has been rectangularized, with information from the household records added at the beginning of each corresponding person record. All standard PUMS variables are provided in this file, including (1)housing information such as year structure was built, plumbing facilities, heating equipment, fuel used, vehicles available, mortgage, rent, and taxes, and (2)person information such as demographic characteristics, schooling, occupation, place of work, transportation to work, and income.

EXTENT.COLLECT = 1 data file + machine-readable documentation;

#### 8210 Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (A Sample): 1-in-1000 Sample

The Public Use Microdata Samples (PUMS) contain person- and household-level information from the "long-form" questionnaires distributed to a sample of the population enumerated in the 1980 Census. The A Sample identifies every state, county groups, and most individual counties with 100,000 or more inhabitants (350 in all). In many cases, individual cities or groups of places with 100,000 or more inhabitants are also identified. As a percentage of the 5-Percent Public Use Microdata Sample (A Sample) [CENSUS OF POPULATION AND HOUSING, 1980 [UNITED STATES]: PUBLIC USE MICRODATA SAMPLE (A SAMPLE): 5-PERCENT SAMPLE (ICPSR 8101)], this file constitutes a 1-in-1000 sample, and contains all household- and person-level variables from the original A Sample. Household-level variables include housing tenure, year structure was built, number and types of rooms in dwelling, plumbing facilities, heating equipment, taxes and mortgage costs, number of children, and household and family income. Person-level variables include sex, age, marital status, race, Spanish origin, income, occupation, transportation to work, and education.;

EXTENT.COLLECT = 1 data file + database dictionary;

#### 8101 Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (A Sample): 5-Percent Sample

The Public Use Microdata Samples (PUMS) contain person- and household-level information from the "long-form" questionnaires distributed to a sample of the population enumerated in the 1980 Census. This data collection, containing 5-percent data, identifies every state, county groups, and most individual counties with 100,000 or more inhabitants (350 in all). In many cases, individual cities or groups of places with 100,000 or more inhabitants are also identified. Household-level variables include housing tenure, year structure was built, number and types of rooms in dwelling, plumbing facilities, heating equipment, taxes and mortgage costs, number of children, and household and family income. The person record contains demographic items such as sex, age, marital status, race, Spanish origin, income, occupation, transportation to work, and education.;

EXTENT.COLLECT = 52 data files + machine-readable documentation (PDF) + database dictionary;

#### 8211 Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (B Sample): 1-in-1000 Sample

The Public Use Microdata Samples (PUMS) from the 1980 Census contain person- and household-level information from the "long-form" questionnaires distributed to a sample of the population enumerated in the 1980 Census. The B Sample contains information for each state, and for households and persons residing in metropolitan areas that are too small to be separately identified and/or that cross state boundaries. Standard Metropolitan Statistical Areas (SMSAs) and county groups are defined differently here than in the A Sample [CENSUS OF POPULATION AND HOUSING, 1980 [UNITED STATES]: PUBLIC USE MICRODATA SAMPLE (A SAMPLE): 5-PERCENT SAMPLE (ICPSR 8101)]. Most states cannot be identified in their entirety. As a percentage of the 1-Percent Public Use Microdata Sample (B Sample) [CENSUS OF POPULATION AND HOUSING, 1980 [UNITED STATES]: PUBLIC USE MICRODATA SAMPLE (B SAMPLE): 1-PERCENT SAMPLE (ICPSR 8170)], this file constitutes a 1-in-1000 sample, and contains all

household- and person-level variables from the original B Sample. Household-level variables include housing tenure, year structure was built, number and types of rooms in dwelling, plumbing facilities, heating equipment, taxes and mortgage costs, number of children, and household and family income. Person-level variables include sex, age, marital status, race, Spanish origin, income, occupation, transportation to work, and education.;

EXTENT.COLLECT = 1 data file + database dictionary;

8170 Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (B Sample): 1-Percent Sample

SUMMARY = The Public Use Microdata Samples (PUMS) contain person- and household-level information from the "long-form" questionnaires distributed to a sample of the population enumerated in the 1980 Census. The B Sample containing 1-percent data, consists of a file for each state and an additional file for households and persons residing in metropolitan areas that are too small to be separately identified and/or that cross state boundaries. The B Sample defines Standard Metropolitan Statistical Areas (SMSAs) and county groups differently than in the A Sample [CENSUS OF POPULATION AND HOUSING, 1980 [UNITED STATES]: PUBLIC USE MICRODATA SAMPLE (A SAMPLE): 5-PERCENT SAMPLE (ICPSR 8101)]. Most states cannot be identified in their entirety. Household-level variables include housing tenure, year structure was built, number and types of rooms in dwelling, plumbing facilities, heating equipment, taxes and mortgage costs, number of children, and household and family income. The person record, in addition to containing demographic items such as sex, age, marital status, race, Spanish origin, income, occupation, transportation to work, and education.;

EXTENT.COLLECT = 52 data files + machine-readable documentation (text) + database dictionary;

8212 Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (C Sample): 1-in-1000 Sample

The Public Use Microdata Samples (PUMS) from the 1980 Census contain person- and household-level information from the "long-form" questionnaires distributed to a sample of the population enumerated in the 1980 Census. The C Sample identifies census regions, divisions, 27 individual states, and the District of Columbia. Four types of areas are shown: inside central cities, urban fringe, other urban, and rural. The C Sample separately identifies every urbanized area with a total population over 800,000, and roughly half of the urbanized areas between 200,000 and 800,000. As a percentage of the 1-percent Public Use Microdata Sample (C Sample) [CENSUS OF POPULATION AND HOUSING, 1980 [UNITED STATES]: PUBLIC USE MICRODATA SAMPLE (C SAMPLE): 1-PERCENT SAMPLE], this file constitutes a 1-in-1000 sample, and contains all household- and person-level variables from the original C Sample. Household-level variables include housing tenure, year structure was built, number and types of rooms in dwelling, plumbing facilities, heating equipment, taxes and mortgage costs, number of children, and household and family income. Person-level variables include sex, age, marital status, race, Spanish origin, income, occupation, transportation to work, and education.;

EXTENT.COLLECT = 1 data file + database dictionary;

8114 Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (C Sample): 1-Percent Sample

The Public Use Microdata Samples (PUMS) contain person- and household-level information from the "long-form" questionnaires distributed to a sample of the population enumerated in the 1980 Census. The C Sample, containing 1 percent data, identifies census regions, divisions, 27 individual states, and the District of Columbia. Four types of areas are shown: inside central cities, urban fringe, other urban, and rural. The C Sample separately identifies every urbanized area with a total population over 800,000, and roughly half of the urbanized areas between 200,000 and 800,000. Household-level variables include housing tenure, year structure was built, number and types of rooms in dwelling, plumbing facilities, heating equipment, taxes and mortgage

costs, number of children, and household and family income. Person-level variables include sex, age, marital status, race, Spanish origin, income, occupation, transportation to work, and education.;  
 EXTENT.COLLECT = 36 data files + database dictionary;

Study Number	Description	Number of Files
8646	Census of Population and Housing, 1980 [United States]: Public Use Microdata Sample (D Sample) [PUMS-D] For PUMS-D, which is a one percent sample, a unique geographic scheme was employed in which counties are grouped into labor market areas. While the A, B, and C PUMS files are hierarchical in structure and contain two types of records ("household" and "person" records), the PUMS-D file has been rectangularized, with information from the household records added at the beginning of each corresponding person record.	1 data file + machine-readable documentation
8210	Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (A Sample): 1-in-1000 Sample	1 data file + database dictionary
8101	Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (A Sample): 5-Percent Sample	52 data files + machine-readable documentation (PDF) + database dictionary
8211	Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (B Sample): 1-in-1000 Sample	1 data file + database dictionary
8170	Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (B Sample): 1-Percent Sample	52 data files + machine-readable documentation (text) + database dictionary
8212	Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (C Sample): 1-in-1000 Sample	1 data file + database dictionary
8114	Census of Population and Housing, 1980 [United States]: Public-Use Microdata Sample (C Sample): 1-Percent Sample	36 data files + database dictionary

In addition to the PUMS files available from ICPSR, there are "IPUMS" files available. The files have all of the data available in the PUMS files, but have been modified so that, to the extent possible, variable names are consistent over decades. And, some very useful variables – such as variables making it easier to link spouses, and children to their parents – have been created. IPUMS files are available for most decades from 1850 to 1990. Please see <http://www.ipums.umn.edu/> for more information about these data.