

## STF 3 FILE DESCRIPTION

Summary Tape File 3 (STF 3) is one of a series of summary data files available from the 1980 census. The file corresponds to the 1970 Fifth Count file and is composed of three parts -- STF 3A, STF 3B, and STF 3C. File STF 3A is tentatively scheduled for release on a State-by-State basis in mid 1982. STF 3B will be released on a State-by-State basis first to National Planning Data Corporation (NPDC) which is funding the special tabulation. The file will be sold by NPDC for 18 months after which the file will be sold by the Census Bureau as a standard public use tape. STF 3C will be issued after all STF 3A and STF 3B files have been released.

### File Structure and Geographic Coverage

For each geographic area there will be a 12,096-character census logical record. Because of its large record size, STF 3 is divided into six segments of 2,016 characters each with each. These segments are identified within the geographic identification section repeated for each segment.

The first segment of each census logical record begins with 252 characters of geographic information and the suppression flags, while each subsequent segment begins with 102 characters of geographic information.

The record segments were arranged so that individual tables do not cross segment boundaries. Because of this, most segments have some padding at the end. The following chart illustrates the segmentation on STF 3. For a concise description of the geographic coverage of each file in STF 3, see Appendix A.

### STF 3 Segment Arrangement

Segment No.	No. of Chars. (Geography)	Tables	No. of Chars. (Tables)	No. of Chars. (Padding)	Total Chars.
1	252	1-19	1,476	288	2,016
2	102	20-47	1,863	51	2,016
3	102	48-71	1,911	3	2,016
4	102	72-101	1,887	27	2,016
5	102	102-128	1,890	0	2,016
6	102	129-150	1,389	477	2,016
Total	762	1-150	10,416	918	12,096

File STF 3A. This file contains summary level data which follow a geographic hierarchy. In File A, block groups (BG's) or enumeration districts (ED's) are nested within a tract, block numbering area

(BNA), or tract/BNA segment which in turn is sequenced within a place, place segment, remainder of MCD or remainder of CCD, then within a minor civil division (MCD) or census county division (CCD), and within a county or county equivalent. Data summaries are presented at each level. When a level of geography is split across the next higher level, only the portion within the higher level will be shown on the summary. For example, if tract 0001 is split between place 0005 and 0010, the summary for the portion in place 0005 will appear in the hierarchy with the place 0005 summaries while the portion in place 0010 will appear with the place 0010 summaries.

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Place 0005
  Tract 0001 (part)
    : Block group 1
    : Block group 2
    :
  Tract n
Place 0010
  Tract 0001 (part)
    Block group 3
  
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In addition, place and congressional district summaries are presented separately from the hierarchically organized summaries. Each summary is identified by a summary level code in positions 10-11 of the record as well as at the beginning of each segment. Figure 1 outlines the specific geographic hierarchy in STF 3A. Each indentation indicates the next lower level of the geographic hierarchy. Following Figure 1 is a discussion of each summary level in the hierarchy.

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Figure 1. Geographic Hierarchy of STF 3A

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)

Place

Congressional district

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The State record (Summary Level 04) contains a summary for the State or State equivalent.

File STF 3D. This file contains summary level data which follow the geographic hierarchy indicated in figure 1 below. Records are shown for the State, a congressional district, then all counties within the congressional district. All county records are followed by records for all places of 10,000 or more within the congressional district and then by minor civil divisions (MCD's) with a population of 10,000 or more, in 11 selected States, within the congressional district. When a county, place, or MCD is split between two or more congressional districts, the summary record for a county, place, or MCD contained within each of the congressional districts geographic hierarchy will show only the data for that portion contained within the congressional district.

Figure 1 below outlines the geographic hierarchy. Following Figure 1 is a discussion of each summary level in the hierarchy.

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FIGURE 1. Geographic Hierarchy of STF 3D

State

    Congressional district

        County or county equivalent or portion of county

        Places of 10,000+ or portion of place

        MCD's of 10,000+ or portion of MCD (11 selected States)

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The State record (Summary Level 04) contains a summary for the State or State equivalent.

The Congressional District record (Summary Level 33) contains a summary for each congressional district within the State according to the congressional district boundaries established for the 98th Congress.

The County record (Summary Level 37) contains a record for each county or county equivalent, including independent cities, or portion of a county, county equivalent, or independent city located within each congressional district.

The Place record (Summary Level 38) contains a summary for each place with 10,000 or more inhabitants, as published in the 1980 census, or portion of a place, located within the congressional district.

The MCD record (Summary Level 39) contains a summary for each county subdivision (minor civil division) with 10,000 or more inhabitants, as published in the 1980 census, or portion of such an MCD, located within the congressional district for 11 selected States.

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The county record (Summary Level 11) contains a summary for each county or county equivalent, including independent cities, within the State in FIPS code sequence.

The minor civil division (MCD)/census county division (CCD) record (Summary Level 12) contains a summary for each MCD/CCD within the county in census code sequence.

The place or remainder of MCD/CCD record (Summary Level 13) provides a summary for each place within an MCD/CCD in place code sequence. These may be places or, when places cross MCD/CCD boundaries, portions of places. A remainder of MCD/CCD record will be generated only if there is a place in the MCD/CCD. This record will cover all areas outside of places and will have a pseudo place code of 9999.

The combination of census tract/block numbering area (BNA) or untraced remainder of MCD/CCD (Summary Level 14), and block group (BG) (Summary Level 15) or enumeration district (ED) (Summary Level 16) summaries will vary according to the situation. The four situations are as follows:

Census tract or block numbering area (BNA)/block group (BG) 1/ - When a census tract or BNA is entirely block numbered, a summary is shown for each tract/BNA or tract/BNA portion within MCD/CCD and place, place segment, or remainder of MCD/CCD, and for each block group or block group segment within tract/BNA or tract/BNA portion.

Census tract/ED 1/ - When the area is tracted but contains no blocks, a summary is shown for each tract or tract portion within MCD/CCD and place, place segment, or remainder of MCD/CCD, and for each ED within tract.

Not Tracted/ED - When an area is not tracted or not within a BNA, a summary is shown for each ED within the MCD and place, place segment, or remainder of MCD/CCD. A pseudo-tract code of 999999 will appear in the tract code field.

Census tract/BG-ED 1/ - When a tract is partially block numbered, there will be a mixture of BG and ED summaries for the tract or the tract portion within MCD/CCD and place, place segment, or remainder of MCD/CCD. BG summaries will precede those for ED's in this situation.

The place total record (Summary Level 27) provides a summary for each place within the State. The place records are arranged by census place code.

1/When a tract, block numbering area, or block group crosses a place, MCD, or CCD boundary, there will be separate summaries for each portion within the higher-level entities. No totals for split tracts, BNA's, or block groups are provided.

The congressional district summary (Summary Level 33) contains summaries for each congressional district within the State arranged in numeric sequence. These are the congressional districts designated for the 96th Congress.

File STF 3B. As with STF 3A, each logical record summary of STF 3B is identified by a summary level code in positions 10-11 of the first segment as well as at the beginning of each segment. When the level of geography is split across the next higher level, only the portion within the higher level of geography will be shown. (See example on STF 3A description above.) The geographic hierarchy for STF 3B appears in Figure 2.

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Figure 2. Geographic Hierarchy of STF 3B

5-digit ZIP code within State

5-digit ZIP code within State, within SMSA, within county

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STF 3B has records for each 5-digit ZIP code within a State in numeric order (Summary Level 35) followed by records for 5-digit ZIP codes within a State arranged in numeric order by SMSA or portion of SMSA, then county or county equivalent or portion of county or county equivalent (Summary Level 36).

File STF 3C.

This file is essentially a national file which will be issued only after STF's 3A and 3B have been released for all States. The geographic hierarchy for this file is shown in Figure 3 below.

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Figure 3. Geographic Hierarchy of STF 3C

- United States
- Region
- Division
- State or State equivalent
- SCSA
  - SCSA part within State
- SMSA
  - SMSA part within State
- Urbanized Area
  - UA part within State
- State-County or county equivalent
- State-Places of 10,000+
- \*State-MCD's of 10,000+
- State-Congressional districts

\*This summary available for eleven States. See explanation in descriptive section which follows.

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The United States summary (Summary Level 01) provides a summary for the United States. (50 States and the District of Columbia).

The region summary (Summary Level 02) has a summary for each of the four census regions in the United States.

The division summary (Summary Level 03) has a summary for each of the nine census divisions in the United States.

The State summary (Summary Level 04) has a summary for each State or State equivalent in ascending FIPS State code sequence.

The standard consolidated statistical area (SCSA) summary (Summary Level 05) has a summary for each SCSA in the United States in ascending SCSA code sequence.

The SCSA/State summary (Summary Level 06) is a summary for the portion of the SCSA in each State in which a multi-State SCSA is located. These are arranged in ascending FIPS State code within SCSA code sequence.

The standard metropolitan statistical area (SMSA) summary (Summary Level 07) provides a summary for each SMSA in the United States in ascending SMSA code sequence.

The SMSA/State summary (Summary Level 08) provides a summary for the portion of the SMSA in each State in which a multi-State SMSA is located. These summaries are arranged in ascending FIPS State code within SMSA code sequence.

The urbanized area (UA) summary (Summary Level 09) contains a summary for each UA in the United States in ascending UA code sequence.

The UA/State summary (Summary Level 10) provides data for the portion of the UA in each State in which the multi-State UA is located. These are in ascending FIPS State code within UA code sequence.

The State/county summary (Summary Level 11) provides a summary for each county or county equivalent, including independent cities, in the United States. These are arranged by FIPS county code within FIPS State code.

The State/place summary (Summary Level 27) provides a summary for all places of 10,000 or more population within the United States. These are arranged by census place code within FIPS State code.

The State/MCD summary (Summary Level 28) provides a summary for MCD's of 10,000 or more population within 11 States. The sequence is by MCD sequence number within FIPS State code. The 4-digit MCD number differs from the 3-digit MCD code by identifying MCD's in alphabetic order within State. The 11 States are as follows:

Connecticut  
Maine  
Massachusetts  
Michigan

New Hampshire  
New Jersey  
New York  
Pennsylvania

Rhode Island  
Vermont  
Wisconsin

The congressional district summary (Summary level 33) contains a summary for each congressional district in the United States in congressional district number sequence within FIPS State code.

Calculation of Medians in STF 3

Calculation of median values is done using a continuous distribution with the whole number as the mid-point of the class interval. However, if the median falls within the upper or lower interval, it is set to a specified value. Listed below in Figure 4 are the upper and lower intervals for each median in STF 3 and the median value set when it falls within that interval.

Figure 4. Upper and Lower Intervals for Computation of Median Variables in STF 3

I. MEDIAN HOUSEHOLD AND FAMILY INCOME

<u>Value</u>	<u>Description</u>
Less than \$2,500	Median household and family income is less than \$2,500. Median is set at \$2,499.
\$75,000 or more	Median household and family income is greater than \$75,000. Median is set at \$75,001.

II. MEDIAN INCOME (Unrelated Individuals)

<u>Value</u>	<u>Description</u>
Less than \$1,000	Median income is less than \$1,000. Median is set at \$999.
\$50,000 or more	Median income is \$50,000 or more. Median is set at \$50,001.

III. MEDIAN GROSS RENT

<u>Value</u>	<u>Description</u>
Less than \$60	Median gross rent is less than \$60. Median is set at \$59.
\$500 or more	Median gross rent is \$500 or more. Median is set at \$501.

IV. MEDIAN SELECTED MONTHLY OWNER COSTS (With a mortgage)

<u>Value</u>	<u>Description</u>
Less than \$100	Median selected monthly costs for mortgage holders are less than \$100. Median is set at \$99.
\$750 or more	Median selected monthly costs for mortgage holders are \$750 or more. Median is set at \$751.

V. MEDIAN SELECTED MONTHLY OWNER COSTS (NO MORTGAGE)

<u>Value</u>	<u>Description</u>
Less than \$50	Median selected monthly owner costs (no mortgage) are less than \$50. Median is set at \$49.
\$250 or more	Median selected monthly costs for mortgage holders are \$250 or more. Median is set at \$251.