

## HOW TO USE THIS FILE

### CONTENTS

Appendixes	2--1
Count Corrections	2--2
Data Dictionary	2--1
Documentation Chapters	2--1
Special Area Codes	2--3
Standard Codes	2--3
Summary-Level Sequence Charts and Geographic Area Component Codes	2--3
User Notes	2--1
Using the File	2--2

This chapter serves as a guide for data users to both the tape and the technical documentation. Novice users trying to understand how to use the documentation and the file should read this chapter first.

### DOCUMENTATION CHAPTERS

The Abstract chapter in this documentation provides a quick overview of the file, including the formal title, geographic coverage, subject coverage, and file availability. Also shown are citations for related reference materials and printed reports. Their titles and geography are included in this section, along with purchasing information.

The Subject Locator is an aid to finding which tables provide the information needed. The List of Tables (Matrices) and the Table (Matrix) Outlines provide two types of presentations for the tables available in the file. The List of Tables (Matrices) has the table titles and universes.

The Table (Matrix) Outlines offer a detailed presentation of the tables. When reviewing the tables, remember that a colon (:) following an entry indicates the entry is a heading, not a data cell.

### USER NOTES

Information about file or documentation changes sometimes becomes available after the documentation has been printed. User notes inform the user community about these changes. These are issued in a numbered series. If there are technical documentation changes, revised pages usually accompany them. The revised pages should be inserted in their proper location, but the user note cover sheet should be filed in the User Notes chapter. Technical notes, which contain file errata, are also issued by the Census Bureau. We suggest filing these following appendix I.

### DATA DICTIONARY

The data dictionary describes the file and provides character locations for each variable and each table. It has two elements, the identification section and the table (matrix) section.

In the identification section, the components include the field name; the data dictionary reference name, a short mnemonic for use with software

packages; field size; starting position; and data type (alphabetic, numeric, or alphanumeric).

The identification section of the data dictionary is identical for all summary tape files. It provides a list of the geographic codes or refers the user to the appropriate source. Review the footnotes carefully; they provide explanations for various terms. These footnotes are listed at the end of the identification section of the data dictionary.

The table (matrix) section provides information on the table (matrix) number; table (matrix) description; number of implied decimals in each cell (if not 0); starting position within the record, within the segment, and for all cells within the first-level variable; and cell coordinates.

#### APPENDIXES

Detailed information on geographic areas is in appendix A followed by subject-matter definitions in appendix B. Appendix C provides detailed statistical information about the data while appendix D outlines the data collection and processing procedures. Facsimiles of both the respondent instructions and 1990 census long-form questionnaire are in appendix E.

Appendix F furnishes detailed information on all the data products of the 1990 census, as well as suggested sources of information and assistance. Map information is included in appendix G.

Appendix H contains the code lists used in processing the data. These are especially helpful in determining the components included in categories such as race or group quarters. These codes are used in conjunction with the table (matrix) outlines and data dictionary chapters. In the file presentation included in those chapters, some cell entries are followed by numeric codes in parentheses. These are the codes included in that cell. For example, in a table including race, the entry for Asian or Pacific Islander is followed by (600-699, 976-985). The code list for race in appendix H identifies all the race codes included in the Asian or Pacific Islander category.

Appendix I provides CD-ROM specific information.

#### COUNT CORRECTIONS

The Census Bureau issues population count corrections on an occasional basis. Count corrections for geography at the place level and above are available from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Count corrections for geography at the census tract/BNA level or below are available from Population Division, Bureau of the Census, Washington, DC 20233. When requesting these corrections, please include the desired census tract/BNA, block group, or block numbers.

#### USING THE FILE

##### File Segments

The file is segmented into 35 dBase III (.DBF) files, designated STF300ss.DBF through STF334ss.DBF where ss is the two-character State abbreviation. The STF300 segment contains the full 67 field identification

section. The identification field names are shown in the Data Dictionary chapter of the technical documentation. Segments STF301 through STF334 each contain eight identification fields repeated from the STF300 segment. They are shown below.

#### Identification Fields Common To All Segments

SUMLEV	Summary Level
STATEFP	State (FIPS)
CNTY	County (FIPS)
COUSUBFP	County Subdivision (FIPS)
PLACEFP	Place (FIPS)
TRACTBNA	Census Tract/Block Numbering Area
BLCKGR	Block Group
LOGRECNU	Logical Record Number

The segments are divided as shown below.

#### Data Tables In Each Segment

STF300	Field Identification Section
STF301	P1 - P13
STF302	P14A - P14C
STF303	P14D - P14F
STF304	P14G - P14I
STF305	P14J - P17
STF306	P18 - P26
STF307	P27 - P32
STF308	P33 - P36
STF309	P37 - P51
STF310	P52 - P60
STF311	P61 - P65
STF312	P66 - P70
STF313	P71 - P76
STF314	P77 - P83
STF315	P84 - P86
STF316	P87A
STF317	P87B
STF318	P87C
STF319	P87D
STF320	P87E
STF321	P88 - P107A
STF322	P108 - P118
STF323	P119 - P121
STF324	P122 - P123
STF325	P124A - P124B
STF326	P125 - P143
STF327	P144 - P170, H1 - H9
STF328	H10 - H21
STF329	H22 - H33
STF330	H34 - H44
STF331	H45 - H52A
STF332	H53 - H59
STF333	H60 - H81
STF334	H82 - H92

## Field Names In Numeric Data Tables

Fields in numeric data tables are named according to a convention which identifies the tables and the sequence of the data item within the table. The 63 data items in P88, for example, are identified as P0880001 through P0880063. The one data item in table P107A is identified as P107A001.

### Components Of The Field Name

Character 1     P or H  
Character 2-4   Table number; right justified with leading zeroes  
Character 5     Sub-table letter; zero if not applicable  
Character 6-8   Item number; right justified with leading zeroes

### Record Identification

Each record on a summary tape file is uniquely identified by a combination of geographic (for example, State, county, and county subdivision), summary level, and geographic component codes. For example, if you have a Maryland STF 3A file and want to look at the summary record for Prince George's County, three identification fields must be checked: the summary level code for county records (050), the total record for geographic components (00), and the county code for Prince George's County (033). If all three fields are not checked, multiple records will be found. See the Summary Level Sequence Charts and Geographic Area Component Codes section below for information on identifying summary level and geographic component codes.

### SUMMARY LEVEL SEQUENCE CHARTS AND GEOGRAPHIC AREA COMPONENT CODES

The Summary Level Sequence Charts chapter and the geographic area component codes provide important information for using the 1990 census summary tape files.

The Summary Level Sequence Charts chapter for STF 3 files identifies the geographic levels for which data are provided. It is easy to determine this if you remember that the last geographic area type listed in the sequence identifies the geography of the summary level; the prior codes simply define the hierarchy. For example, in summary level 140, the hierarchy listed is State-county-census tract/block numbering area (BNA). The record actually contains data for a census tract/BNA within a given county and State.

When reading the Summary Level Sequence Charts chapter, it is important to recognize that dashes (--) separate the individual hierarchies while slashes (/) separate different types of geography within the same hierarchy.

After identifying the summary level code, turn to chart 1 at the end of this chapter to determine the geographic area codes and area characteristics provided on CD-ROM for this summary level. Remember that an asterisk (\*) indicates a code in that field. The code may be one of the standard codes described below.

The Summary Level Sequence Charts chapter also provides geographic component code information. This code identifies the various geographic components for which the record is repeated within the summary level. These component codes are provided in the data dictionary beginning in

position 14. For example, the Summary Level Sequence Chart for STF 3A indicates that the summary level for State records (040) has geographic component codes 00, 40, 42, 43, and 44. By turning to the geographic component variable in the data dictionary, you can determine that the tables for summary level 040 (State) are available for total geography (State) (geographic component=00), American Indian reservation and trust land (geographic component=40), tribal jurisdiction statistical area (geographic component=42), tribal designated statistical area (geographic component=43), and Alaska Native village statistical area (Alaska only) (geographic component=44).

In short, always check the geographic codes, the summary level (beginning in position 11 of the data dictionary), and the geographic component code (beginning in position 14 of the data dictionary) for complete identification of an STF 3 record.

#### SPECIAL AREA CODES

Special area codes appear in the geographic area codes portion of the data dictionary (positions 142-171) on all STF's. The codes represented may vary across STF's. In STF 3 CD-ROM files special area code (1), and special area code (9) are used. The codes are described below. Special area code (9) is used in all summary levels except 800, 810, and 820.

In STF 3B files only, special area code 1 is used. It contains the 5-digit ZIP Code.

Special area code (9) Land/water area

- 1 Significant land, significant (0.0005 or more square kilometers) water
- 2 Significant land, minimal (less than 0.0005 square kilometer) water
- 3 Significant land, zero (0) water
- 4 Minimal land, significant water
- 5 Minimal land, minimal water
- 6 Minimal land, zero water
- 7 Zero land, significant water
- 8 Zero land, minimal water
- 9 Zero land, zero water

#### STANDARD CODES

In the identification section of all STF's, there are standard codes, undefined in the data dictionary, that have identical meaning regardless of the field. The codes are the same size as the field; that is, a three-character field will have three symbols. These standard codes are listed below.

- ! Not available--The code would be shown except it had not been determined when the files were prepared (for example, metropolitan area code on a county summary level (050) on STF 1A).
- 9 Not in--This indicates a "remainder of" an area, such as a place code in the portion of a county subdivision not in a place, or the summary level is not part of any area to which the code field

applies, such as a summary level which is not in an Alaska Native Regional Corporation.

Blank Not applicable--This indicates that the code is not applicable to the summary level.

Where these codes are specifically defined in the data dictionary, the defined code should be used. For example, in the division code description on the data dictionary (position 89), the code for the Pacific Division is indicated as "9." This "9" should be interpreted as the division code, not as "not in," the standard code for "9."

Chart 1. STF 3 File Identification by Summary Level<sup>1</sup>

Field name	Summary level			Summary level			Summary level		
	010	020	030	040	050	060	061	062	070
<b>Record Codes</b>									
File Identification	*	*	*	*	*	*	*	*	*
State/US-Abbreviation	*	*	*	*	*	*	*	*	*
Summary Level	*	*	*	*	*	*	*	*	*
Geographic Component	*	*	*	*	*	*	*	*	*
Characteristic Iteration	*	*	*	*	*	*	*	*	*
Logical Record Number	*	*	*	*	*	*	*	*	*
Logical Record Part Number	*	*	*	*	*	*	*	*	*
Total Number of Parts In Record	*	*	*	*	*	*	*	*	*
<b>Geographic Area Codes</b>									
Alaska Native Regional Corporation									
American Indian/Alaska Native Area (Census)									
American Indian/Alaska Native Area (FIPS)									
American Indian/Alaska Native Area Class Code									
American Indian Reservation Trust Land Indicator									
Block									
Block Group									
Census Tract/Block Numbering Area									
Congressional District									
Consolidated City (Census)									*
Consolidated City (FIPS)									*
Consolidated City Class Code									*
Consolidated City Size Code									*
Consolidated Metropolitan Statistical Area					*	*	*	*	*
County					*	*	*	*	*
County Size Code					*	*	*	*	*







*	*	*	*				*	Consolidated Metro- politan Statistical Area
*	*	*	*	*			*	County
*	*	*	*	*			*	County Size Code
*	*							County Sub- division (Census)
*	*							County Sub- division (FIPS)
*	*							County Sub- division Class Code
*	*							County Sub- division Size Code
*	*	*	*	*	*	*	*	Division
*	*			*	*	*		Extended City Indicator
								Internal Use Code
								Metropolitan Statistical Area/ Consolidated
*	*	*	*				*	Metropolitan Statistical Area
*	*	*	*				*	MSA/CMSA Size Code
*	*			*	*	*		Place (Census)
*	*			*	*	*		Place (FIPS)
*	*			*	*	*		Place Class Code
*	*			*	*	*		Place Description Code
*	*			*	*	*		Place Size Code
*	*	*	*				*	Primary Metropolitan Statistical Area
*	*	*	*	*	*	*	*	Region
*	*	*	*	*	*	*	*	State (Census)
*	*	*	*	*	*	*	*	State (FIPS)
	*							Urban/Rural
	*							Urbanized Area
	*							Urbanized Area Size Code
								Special Area Code (1)
								Special Area Code (2)
								Special Area Code (3)
								Special Area Code (4)
								Special Area Code (5)
								Special Area Code (6)







Summary level			Summary level			Summary level			Summary level			Field name
216	220	221	230	300	301	310	311	319	321	329	331	

Record Codes

*	*	*	*	*	*	*	*	*	*	*	*	* File Identification
*	*	*	*	*	*	*	*	*	*	*	*	* State/US-Abbreviation
*	*	*	*	*	*	*	*	*	*	*	*	* Summary Level
*	*	*	*	*	*	*	*	*	*	*	*	* Geographic Component
*	*	*	*	*	*	*	*	*	*	*	*	* Characteristic Iteration
*	*	*	*	*	*	*	*	*	*	*	*	* Logical Record Number
*	*	*	*	*	*	*	*	*	*	*	*	* Logical Record Part Number
*	*	*	*	*	*	*	*	*	*	*	*	* Total Number of Parts In Reco

Geographic Area Codes

			*									Alaska Native Regional Corporation
*	*	*										American Indian/ Alaska Native Area (Census)
*	*	*										American Indian/ Alaska Native Area (FIPS)
*	*	*										American Indian/ Alaska Native Area Class Code
*	*	*										American Indian Reservation Trust Land Indicator Block Block Group Census Tract/Block Numbering Area
												Congressional District Consolidated City (Census) Consolidated City (FIPS) Consolidated City Class Code
												Consolidated City Size Code
				*	*	*	*	*	*		*	* Consolidated Metro- politan Statistical Area
	*	*								*	*	* County
	*	*								*	*	* County Size Code
												County Subdivision (Census)

											County Subdivision (FIPS)
											County Subdivision Class Code
											County Subdivision Size Code
*	*	*	*			*	*	*	*	*	Division
											Extended City Indicator
											Internal Use Code
											Metropolitan Statistical Area/ Consolidated
				*	*	*	*	*	*	*	Metropolitan Statistical Area
				*	*	*	*	*	*	*	MSA/CMSA Size Code
											Place (Census)
											Place (FIPS)
											Place Class Code
											Place Description Code
											Place Size Code
				*		*		*		*	Primary Metro- politan Statistical Area
*	*	*	*			*	*	*	*	*	Region
*	*	*	*			*	*	*	*	*	State (Census)
*	*	*	*			*	*	*	*	*	State (FIPS)
											Urban/Rural Urbanized Area
											Urbanized Area Size Code
											Special Area Code (1)
											Special Area Code (2)
											Special Area Code (3)
											Special Area Code (4)
											Special Area Code (5)
											Special Area Code (6)
											Special Area Code (7)
											Special Area Code (8)
*	*	*	*	*	*	*	*	*	*	*	Special Area Code (9)
											Special Area Code (10)

Area Characteristics

*	*	*	*	*	*	*	*	*	*	*	*	Area (Land)
*	*	*	*	*	*	*	*	*	*	*	*	Area (Water)
*	*	*	*	*	*	*	*	*	*	*	*	Area Name/PSAD Term/Part Indicator
*	*	*	*	*	*	*	*	*	*	*	*	Functional Status Code
*	*	*	*	*	*	*	*	*	*	*	*	Geographic Change User Note Indicator
*	*	*	*	*	*	*	*	*	*	*	*	Housing Unit Count (100 percent)
*	*	*	*	*	*	*	*	*	*	*	*	Internal Point (Latitude)
*	*	*	*	*	*	*	*	*	*	*	*	Internal Point (Longitude)
*	*	*	*	*	*	*	*	*	*	*	*	Part Flag
*	*	*	*	*	*	*	*	*	*	*	*	Political/Statistical Area Description Code
*	*	*	*	*	*	*	*	*	*	*	*	Population Count (100 percent)
*	*	*	*	*	*	*	*	*	*	*	*	Special Flag

Field name	Summary level			Summary level			Summary level		
	340	341	400	410	420	430	440	450	460

Record Codes

File Identification	*	*	*	*	*	*	*	*	*
State/US-Abbreviation	*	*	*	*	*	*	*	*	*
Summary Level	*	*	*	*	*	*	*	*	*
Geographic Component	*	*	*	*	*	*	*	*	*
Characteristic Iteration	*	*	*	*	*	*	*	*	*
Logical Record Number	*	*	*	*	*	*	*	*	*
Logical Record Part Number	*	*	*	*	*	*	*	*	*
Total Number of Parts In Record	*	*	*	*	*	*	*	*	*

Geographic Area Codes

Alaska Native Regional Corporation

American Indian/Alaska Native  
Area (Census)

American Indian/Alaska  
Native Area (FIPS)

American Indian/Alaska  
Native Area Class Code

American Indian Reservation  
Trust Land Indicator

Block  
Block Group  
Census Tract/Block Numbering Area

Congressional District  
Consolidated City (Census) \* \* \* \*  
Consolidated City (FIPS) \* \* \* \*  
Consolidated City Class Code \* \* \* \*

Consolidated City Size Code \* \* \* \*  
Consolidated Metropolitan  
Statistical Area \* \* \* \*  
County \* \* \* \*

County Size Code \* \* \* \*  
  
County Subdivision (Census) \* \*  
County Subdivision (FIPS) \* \*  
County Subdivision Class Code \* \*  
County Subdivision Size Code \* \*

Division \* \* \* \* \* \* \* \*  
Extended City Indicator \* \* \* \*  
Internal Use Code  
Metropolitan Statistical Area/  
Consolidated Metropolitan  
Statistical Area \* \* \* \* \*

MSA/CMSA Size Code \* \* \* \* \*  
Place (Census) \* \* \* \* \*  
Place (FIPS) \* \* \* \* \*  
Place Class Code \* \* \* \* \*

Place Description Code \* \* \* \* \*  
Place Size Code \* \* \* \* \*  
Primary Metropolitan  
Statistical Area \* \* \* \* \*  
Region \* \* \* \* \* \* \* \* \*

State (Census) \* \* \* \* \* \* \* \*  
State (FIPS) \* \* \* \* \* \* \* \*  
Urban/Rural \* \* \* \* \* \* \* \*  
Urbanized Area \* \* \* \* \* \* \* \*  
Urbanized Area Size Code \* \* \* \* \* \* \* \*

Special Area Code (1)  
Special Area Code (2)  
Special Area Code (3)  
Special Area Code (4)  
Special Area Code (5)  
Special Area Code (6)  
Special Area Code (7)  
Special Area Code (8)



Special Area Code (9) \* \* \* \* \* \* \* \* \* \*  
 Special Area Code (10)

Area Characteristics

Area (Land) \* \* \* \* \* \* \* \* \* \*  
 Area (Water) \* \* \* \* \* \* \* \* \* \*  
 Area Name/PSAD Term/Part  
 Indicator \* \* \* \* \* \* \* \* \* \*  
 Functional Status Code \* \* \* \* \* \* \* \* \* \*

Geographic Change User Note  
 Indicator \* \* \* \* \* \* \* \* \* \*  
 Housing Unit Count  
 (100 percent) \* \* \* \* \* \* \* \* \* \*  
 Internal Point (Latitude) \* \* \* \* \* \* \* \* \* \*  
 Internal Point (Longitude) \* \* \* \* \* \* \* \* \* \*

Part Flag \* \* \* \* \* \* \* \* \* \*  
 Political/Statistical Area  
 Description Code \* \* \* \* \* \* \* \* \* \*  
 Population Count  
 (100 percent) \* \* \* \* \* \* \* \* \* \*  
 Special Flag \* \* \* \* \* \* \* \* \* \*

Summary level Summary level Summary level Summary level  
 501 510 520 530 540 550 551 552 560 800 810 820 Field Name

Record Codes

*	*	*	*	*	*	*	*	*	*	*	*	*	File Identification
*	*	*	*	*	*	*	*	*	*	*	*	*	State/US- Abbreviation
*	*	*	*	*	*	*	*	*	*	*	*	*	Summary Level
*	*	*	*	*	*	*	*	*	*	*	*	*	Geographic Component
*	*	*	*	*	*	*	*	*	*	*	*	*	Characteristic Iteration
*	*	*	*	*	*	*	*	*	*	*	*	*	Logical Record Number
*	*	*	*	*	*	*	*	*	*	*	*	*	Logical Record Part Number
*	*	*	*	*	*	*	*	*	*	*	*	*	Total Number of Parts In Record

Geographic Area Codes

								*					Alaska Native Regional Corporation
					*	*	*						American Indian/ Alaska Native Area (Census)
					*	*	*						American Indian/ Alaska Native Area

						*	*	*			(FIPS)
											American Indian/ Alaska Native Area Class Code
							*	*			American Indian Reservation Trust Land Indicator Block Block Group Census Tract/Block Numbering Area
*	*	*	*	*	*	*	*	*	*		Congressional District
			*	*							Consolidated City (Census)
			*	*							Consolidated City (FIPS)
			*	*							Consolidated City Class Code
			*	*							Consolidated City Size Code
	*	*								*	Consolidated Metro- politan Statistical Area
	*	*								*	County
	*	*								*	County Size Code
			*								County Sub- division (Census)
			*								County Sub- division (FIPS)
			*								County Sub- division Class Code
			*								County Sub- division Size Code
*	*	*	*	*	*	*	*	*	*	*	Division
			*								Extended City Indicator
			*								Internal Use Code
			*								Metropolitan Statistical Area/ Consolidated
	*	*								*	Metropolitan Statistical Area
	*	*								*	MSA/CMSA Size Code
			*								Place (Census)
			*								Place (FIPS)
			*								Place Class Code
			*								Place Description Code
			*								Place Size Code

	*	*										* Primary Metro-politan Statistical Area
*	*	*	*	*	*	*	*	*	*	*	*	* Region
*	*	*	*	*	*	*	*	*	*	*	*	* State (Census)
*	*	*	*	*	*	*	*	*	*	*	*	* State (FIPS)
												Urban/Rural Urbanized Area Urbanized Area Size Code
										*	*	* Special Area Code (1)
												Special Area Code (2)
												Special Area Code (3)
												Special Area Code (4)
												Special Area Code (5)
												Special Area Code (6)
*	*	*	*	*	*	*	*	*	*			Special Area Code (7)
												Special Area Code (8)
*	*	*	*	*	*	*	*	*	*			Special Area Code (9)
												Special Area Code (10)
												Area Characteristics
*	*	*	*	*	*	*	*	*	*			Area (Land)
*	*	*	*	*	*	*	*	*	*			Area (Water)
*	*	*	*	*	*	*	*	*	*	*	*	* Area Name/PSAD Term/Part Indicator
*	*	*	*	*	*	*	*	*	*	*	*	* Functional Status Code
		*	*	*	*	*	*	*	*			Geographic Change User Note Indicator
*	*	*	*	*	*	*	*	*	*	*	*	* Housing Unit Count (100 percent)
*	*	*	*	*	*	*	*	*	*			Internal Point (Latitude)
*	*	*	*	*	*	*	*	*	*			Internal Point (Longitude)
	*	*	*	*	*	*	*	*	*	*	*	* Part Flag
	*	*	*	*	*	*	*	*	*			* Political/Statistical Area Description Code

\* \* \* \* \* \* \* \* \* \* \* \* Population Count  
(100 percent)  
\* \* \* \* \* \* \* \* \* \* \* \* Special Flag

<sup>1</sup>See the Summary Level Sequence Charts chapter for identification of the summary level record numbers.