

1980 Census of Population and Housing Geographic Identification Code Scheme. Technical Documentation

D1-D80-GICS-14-TECH

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Additionally, Census Bureau organization, telephone numbers, and staff cited in this technical documentation are not current. For updated information, see our Telephone Contacts site at <http://www.census.gov/contacts/www/contacts.html> or Staff Search at <http://www.census.gov/cgi-bin/main/email.cgi>.

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Census of Population and Housing, 1980:
Geographic Identification Code Scheme

Tape Technical Documentation

Attachment 1	Abstract
Attachment 2	Record Descriptions
Attachment 3	File Sort Sequence
Attachment 4	Example Printout of GEOLIST

NOTE

Questions about the documentation should be directed to Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.

Questions about the tape should be directed to Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.

Questions about the subject matter should be directed to Geography Division, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-5720.

ATTACHMENT 4

Example Printout of GEOLIST

01001	AUTAUGA COUNTY.....	5240PARTIP
31001005	AUTAGAVILLE DIVISION.....	9017107 5240 T
310010050115	AUTAGAVILLE TOWN.....	03220034 5240 T
31001010	BILLINGSLEY DIVISION.....	9031506 5240 T
310010100180	BILLINGSLEY TOWN.....	06460014 5240 T
31001015	MARBURY DIVISION.....	9210607 5240 T
31001020	PRATTVILLE DIVISION.....	9262810 5240PARTIP
310010201415	PRATTVILLE CITY (PT.).....	62328094 52405240TB
01003	BALDWIN COUNTY.....	5160 TP
01003005	BAY MINETTE DIVISION.....	9020709 5160 T
310030050135	BAY MINETTE CITY.....	04860084 5160 T
31003010	DAPHNE DIVISION.....	9084609 5160 TP
310030100465	DAPHNE CITY.....	19648074 5160 TB
010030101001	LAKE FOREST (CDP).....	4076407 5160 TB
010030101802	SPANISH FORT (CDP).....	7197807 5160 TB
31003015	ELBERTA DIVISION.....	9096307 5160 T
310030150535	ELBERTA TOWN.....	23320024 5160 T
31003020	FAIRHOPE DIVISION.....	9105309 5160 TP
310030200595	FAIRHOPE CITY.....	25260084 5160 TB
310030201408	POINT CLEAR (CDP).....	6148805 5160 TB
01003025	FOLEY DIVISION.....	9115209 5160 T
010030250645	FOLEY CITY.....	26992074 5160 T
010030250810	GULF SHORES TOWN.....	32272044 5160 T
01003035	ROBERTSDALE DIVISION.....	9275408 5160 T
010030351075	LOXLEY TOWN.....	44808034 5160 T
310030351495	ROBERTSDALE CITY.....	65208064 5160 T
310030351580	SILVERHILL TOWN.....	70538034 5160 T
31003040	STOCKTON DIVISION.....	9302407 5160 T
31003045	SUMMERDALE DIVISION.....	9304208 5160 T
010030451635	SUMMERDALE TOWN.....	73872034 5160 T
01005	BARBOUR COUNTY.....	P
01005005	BAKERHILL DIVISION.....	9018906 P
310050050560	EUFULA CITY (PT.).....	24568094 B
31005010	CLAYTON DIVISION.....	9063007
310050100385	CLAYTON TOWN.....	15376054
31005015	CLIO DIVISION.....	9064807
310050150205	BLUE SPRINGS TOWN.....	07672014
310050150390	CLIO TOWN.....	15640044
31005020	EUFULA DIVISION.....	9101709 P
310050200560	EUFULA CITY (PT.).....	24568094 B
01005025	LOUISVILLE DIVISION.....	9198907
010050251070	LOUISVILLE TOWN.....	44346034
01007	BIBB COUNTY.....	
31007008	CENTREVILLE-BRENT DIVISION.....	9053108
010070080240	BRENT CITY.....	09136074
010070080345	CENTREVILLE CITY.....	13672074
31007015	PIPER-COLEANOR DIVISION.....	9260103
01007020	WEST BLOCTON DIVISION.....	9343808
010070201815	WEST BLOCTON TOWN.....	80928044

ALPHAPLACE Record Description

ALPHAPLACE is an alphabetic listing of all places within each state, including clustered separate records for all portions of a multi-county and/or multi-MCD/CCD place (indicated by "(pt.)" after the name). It consists of 32,642 records (with "reader break" blank lines separating every five (5) entries).

Record layout is identical to GEOLIST place level, except all place names (including independent cities) begin in character 13.

ALPHAMCD Record Description

ALPHAMCD is an alphabetic listing of selected MCD names (independent places and unorganized territories are excluded) for the following 11 states: Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. It consists of 8,081 records (with "reader break" blank lines separating every five (5) entries).

Record layout is identical to GEOLIST MCD/CCD level. Each MCD record is also identified by a 4-digit sequence number (characters 9-12).

REFERENCE MATERIALS:

"Census of Population and Housing, 1980: Geographic Identification Code Scheme Tape Technical Documentation" (this document). The technical documentation contains this abstract, a record description, and an example printout of the file. One copy accompanies each file order. When ordered separately, it is available for \$5 from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

PHC80-R5 Geographic Identification Code Scheme. This report identifies the name and numeric code for States, counties, county subdivisions (MCD's/CCD's), places, American Indian reservations and Alaska Native villages for which data were tabulated from the 1980 census. This 800-page report should be available in early 1983 from the U.S. Government Printing Office, Washington, D.C. 20402.

RELATED PRINTED REPORTS AND DATA FILES:

"Census of Population and Housing, 1980: Master Area Reference File (MARF)." This file, an extract of Summary Tape File 1, contains numeric codes and names (where appropriate), and selected population and housing counts for all geographic areas (except blocks) included in the 1980 census. The MARF is available for each of the 50 States (a consolidated U.S. file is also available) from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

PC80-1-A Number of Inhabitants. This report series (one report for each State; Puerto Rico, and the outlying areas; and a U.S. summary) provides population counts for each county, county subdivision (MCD/CCD), and place in the State. A series of outline maps in the reports show the boundaries of the above mentioned areas. The PC80-1-A reports are available from the U.S. Government Printing Office, Washington, D.C. 20402. Photocopies of these maps are also being offered for sale from Customer Services.

FILE AVAILABILITY:

This file can be ordered from Data User Services Division using the order form on the following page. When ordering, please refer to file number Cu GEO 80 003. It is available on one reel of tape at 1600 or 6250 bpi for \$140.

ATTACHMENT 1

Abstract

Census of Population and Housing, 1980:
Geographic Identification Code Scheme
/prepared by The Bureau of the Census.
--Washington: The Bureau [producer and
distributor], 1982.

TYPE OF FILE:

Geographic reference file.

SUBJECT-MATTER DESCRIPTION:

This computer tape contains a listing of the names and numeric codes for States, counties, county subdivisions (MCD's/CCD's), and places for which data were tabulated from the 1980 census. The file includes much of the information found in the PHC80-R5 Geographic Identification Code Scheme report.

The computer tape contains three different record types: Type 1 (GEOLIST) is an alphabetic listing of all counties, MCD's/CCD's, and places in their hierarchical arrangement (see attachment 4) within each State. Type 2 (ALPHAPLACE) is an alphabetic listing of all places within each State. Type 3 (ALPHAMCD) is an alphabetic listing of all minor civil divisions (MCD's) within 11 specified States. Attachment 2 provides record descriptions of the three types.

The computer tape is divided into 125 separate files. Record type 1 (GEOLIST) is repeated 57 times, one file for each state, Puerto Rico, and each of the outlying areas. Record type 2 (ALPHAPLACE) also is repeated 57 times, one file for each state, Puerto Rico, and each of the outlying areas. Record type 3 (ALPHAMCD) is repeated 11 times, one file for each of the specified states.

GEOGRAPHIC COVERAGE:

All 51 states (including the District of Columbia), Puerto Rico, American Samoa, Guam, Northern Mariana Islands, the Trust Territory of the Pacific Islands, and the Virgin Islands of the United States.

TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular.

FILE SIZE: 109,284 logical records; 84 character logical record length.

FILE SORT SEQUENCE: See attachment 3.

06 = 2,000-2,499
07 = 2,500-4,999
08 = 5,000-9,999
09 = 10,000-19,999
10 = 20,000-24,999
11 = 25,000-49,999
12 = 50,000-99,999
13 = 100,000-249,999
14 = 250,000-499,999
15 = 500,000-999,999
16 = 1,000,000 or more

73

Place Description Code

1 = Central city of a standard metropolitan
statistical area (SMSA) only
2 = Central city of an urbanized area (UA) only
3 = Central city of an SMSA and UA
4 = Other incorporated place
A = Central CDP of a UA only (Hawaii and
Puerto Rico only)
B = Central CDP of an SMSA and UA (Hawaii and
Puerto Rico only)
blank = Other census designated place (CDP)

74

Filler

75-78

Standard Metropolitan Statistical Area (SMSA) Code

Note: Where a county or subordinate entity is only partly covered by an SMSA, or is partly or wholly covered by more than one SMSA, the word "PART" will be shown for each geographic level which is split.

79-82

Urbanized Area (UA) Code

Note: Where a county or subordinate entity is only partially covered by a UA, or is partly or wholly covered by more than one UA, the word "PART" will appear for each geographic level which is split.

83

Census Tract Flag (a "T" appears where the county (or county equivalent) is covered by 1980 census tracts)

84

Block Flag (a "B" appears where an area is covered by 1980 census blocks; a "P" appears for an area which is only partly blocked)



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

Census of Population and Housing, 1980:
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User Note No. 1

The machine-readable tape file contains incorrect FIPS place codes for the areas listed below. Correct FIPS place codes are being provided so that a purchaser may correct his/her tape file.

<u>Area</u>	<u>Correction</u>
Centreville townships, St. Clair Co., IL	FIPS place code = 12210 (not 11210)
Penobscot Indian Island Indian Reservation, Penobscot Co., ME	FIPS place code = 57955 (not 57937)
Volinia township, Cass Co., MI	FIPS place code = 82580 (not 82410)
Wakefield city, Gogebic Co., MI	FIPS place code = 82780 (not 82415)
Wakefield township, Gogebic Co., MI	FIPS place code = 82800 (not 82417)
Rapid Valley (CDP), Pennington Co., SD	FIPS place code = 53007 (not 52107)

ATTACHMENT 2

GEOLIST Record Description

GEOLIST is an alphabetic listing of all counties, MCD's/CCD's, and places in their hierarchical arrangement within each State. It consists of 68,561 records (with "reader break" blank lines inserted before and after each county-level record).

<u>Characters</u>	<u>Description</u>
1-2	FIPS State Code
3-5	FIPS County Code (includes county equivalents and independent cities)
6-8	Census MCD/CCD Code
9-12	Census Place Code
13-65	Geographic Area Name (followed by its political/statistical description, if needed) "(CDP)" = Census Designated Place "(unorg)" = Unorganized Territory "(pt.)" = Shown for each part of a multi-county and/or multi-MCD/CCD place. Hierarchical levels are indented differently: County name begins in column 23. MCD/CCD name begins in column 13. Place name begins in column 15. Leaders (....) fill in the remainder of each field.
66-70	FIPS Place Code (assigned to places and MCD's/CCD's) Note: These codes are not included on other 1980 census computer tape files and may not be present for all areas.
71-72	Size Code (assigned to all MCD's/CCD's and whole places) Note: Codes are based on 1980 census population counts: 01 = under 200 02 = 200-499 03 = 500-999 04 = 1,000-1,499 05 = 1,500-1,999

ATTACHMENT 3

File Sort Sequence

GEOLIST
57 Files

01 Alabama
02 Alaska
04 Arizona
05 Arkansas
06 California
08 Colorado
09 Connecticut
10 Delaware
11 Dist. of Columbia
12 Florida
13 Georgia
15 Hawaii
16 Idaho
17 Illinois
18 Indiana
19 Iowa
20 Kansas
21 Kentucky
22 Louisiana
23 Maine
24 Maryland
25 Massachusetts
26 Michigan
27 Minnesota
28 Mississippi
29 Missouri
30 Montana
31 Nebraska
32 Nevada
33 New Hampshire
34 New Jersey
35 New Mexico
36 New York
37 North Carolina
38 North Dakota
39 Ohio
40 Oklahoma
41 Oregon
42 Pennsylvania
44 Rhode Island
45 South Carolina
46 South Dakota
47 Tennessee
48 Texas
49 Utah
50 Vermont
51 Virginia
53 Washington

54 West Virginia
55 Wisconsin
56 Wyoming
72 Puerto Rico
60 American Samoa
66 Guam
69 Northern Mariana Islands
75 Trust Territory of the Pacific Islands
78 Virgin Islands

ALPHAPLACE
57 Files

Same Arrangement As GEOLIST

ALPHAMCD

09 Connecticut
23 Maine
25 Massachusetts
26 Michigan
33 New Hampshire
34 New Jersey
36 New York
42 Pennsylvania
44 Rhode Island
50 Vermont
55 Wisconsin

Note: State (and outlying area) names are not used on these files. However, FIPS state codes are contained in columns 1-2 of each record.