1980 Census of Population and Housing Public-Use Microdata Sample County Group Equivalency File. Technical Documentation

D1-D80-PUME-14-TECH

Note: This technical documentation was issued at same time as the corresponding data file and does not necessarily reflect changes to the data file that may have been made later. We offer it as a service to our customers who have purchased the file, but we do not in general offer technical support for past data files. Note that although the documentation may refer to data on tape, the U.S. Census Bureau no longer releases data on magnetic tape; customers purchasing files previously released on tape will receive the file in ASCII on CD-ROM. For information about this and other technical documentation, please contact the Customer Services Center at 301-763-INFO (4636).

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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U.S. Department of Commerce
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U.S. Census Bureau

Census of Population and Housing, 1980:
Public-Use Microdata Samples County Group Equivalency File

Tape Technical Documentation

Attachment 1	Abstract
Attachment 2	Data Dictionary
Attachment 3	Example printout of the file
Attachment 4	Example pages from the formatted print files showing A and B sample county groups

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 Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-5242.

Attachment 1

Abstract

Census of Population and Housing, 1980: Public-Use Microdata Samples County Group Equivalency File [machine-readable data file] / conducted by the Bureau of the Census. -- Washington : The Bureau [producer and distributor], 1983.

TYPE OF FILE:

Geographic reference

SUBJECT-MATTER DESCRIPTION:

The county group equivalency file contains area names, numeric codes, and 1980 census population counts for the components (counties, MCD's, and place parts within counties) of each A and B sample county group used in the 1980 census microdata files. Each county group is identified by a unique 5-digit State and county group code combination. Different sets of county groups are used for the A and B samples.

County groups from the A sample (N=1149) include almost all individual counties and many places of 100,000 or more inhabitants. Counties and places not separately identified have been grouped into units that frequently follow SMSA or State planning district boundaries. B sample county groups (N=1253) identify 282 SMSA's of 100,000 or more inhabitants; the remaining 36 SMSA's are paired together so that metropolitan/nonmetropolitan comparisons can be made. Also, large cities and counties are identified within some SMSA's. Outside SMSA's, counties are grouped according to State planning districts where possible.

The tape also contains two "print files" which list the names and codes for each A and B sample county group and its component counties, MCD's, and place parts within counties. B sample county groups which cross State boundaries are listed at the end of the B sample print file and are identified with a "99" state code. These print files provide the same information available on microfiche.

GEOGRAPHIC COVERAGE:

All 50 States and the District of Columbia.

TECHNICAL DESCRIPTION:

FILE STRUCTURE: Rectangular

FILE SIZE: The county group equivalency file of 5,994 records (record length is 68 characters) is followed by two 132 character "print files" which display county group components for the A sample (212 printout pages) and B sample (245 printout pages). There is no carriage control in the print files, so page breaks must be programmed by the user. These print files provide the same information available on microfiche.

FILE SORT SEQUENCE: The county group equivalency file is arranged in FIPS State code order with FIPS county, and census MCD and place codes following their hierarchical order.

REFERENCE MATERIALS:

U. S. Bureau of the Census. "Census of Population and Housing, 1980: Public-Use Microdata Samples County Group Equivalency File Tape Technical Documentation." The documentation includes this abstract, a data dictionary, and an example printout of the file. One copy accompanies each tape order. When ordered separately, it is available for $5 from Customer Services.

U.S. Bureau of the Census. "Census of Population and Housing, 1980: Public-Use Microdata Samples Tape Technical Documentation." The documentation includes an abstract, data dictionary, descriptive materials, a glossary, and several code lists. One copy accompanies each tape order. The 1980 census public-use microdata samples are expected to be released later this year (1983). When ordered separately, the documentation is available for $5 from Customer Services.

FILE AVAILABILITY:

The file is available for the United States on one reel at 1600 or 6250 bpi at a cost of $140 per reel. Technical options are listed on the Customer Services order form.

Customer Services (Microfiche and Tapes)

Name

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Data User Services Division
Customer Services
Bureau of the Census
Washington, D.C. 20233
Phone: 301/763-4100

Date | T

CHECK ONE

☐ Enclosed is check or money order payable to "Commerce-Census"

☐ Charge to Census Bureau Deposit Account No. _____

Name of Data File, Documentation* or Microfiche	Order No.	No of Reels	No. of Microfiche	No. of Document copies	Cost
				TOTAL $	

*One copy of the Technical Documentation is sent at no extra charge With tape orders: additional copies are $5.00 each.

Characteristics of Tape (Check One):

☐ 9 track, 1600 bpi, EBCDIC

☐ 9 track, 1600 bpi, ASCII

☐ 9 track, 6250 bpi, EBCDIC

☐ 9 track, 6250 bpi, ASCII

Labeling (Check One):

☐ Standard

☐ Unlabeled

Other characteristics are available by special arrangement.

Attachment 2

PUMSARF DATA DICTIONARY 03/14/83 PAGE 1

RECORD A

NAME	SIZE/ SCALE	BEGIN	
RECTYPE	1	1	Record Type
	1		County or County-Equivalent
	2		Minor Civil Division
	3		Place (county part of incorporated place or census designated place)
STATE	2	2	FIPS State Code
	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

RECORD A

NAME	SIZE/ SCALE	BEGIN
	55	Wisconsin
	56	Wyoming
COUNTY	3	4 FIPS County Code
MCD	3	7 Minor Civil Division Code (Applicable if RECTYPE = 2)
PLACE	4	10 Census Place Code (Applicable if RECTYPE = 3)
ABALANCE	1	14 County Balance Flag (A Sample) Blank indicates that the field is not applicable or that the county is not subdivided (Applicable if RECTYPE = 1)
	1	County is subdivided ATYPE, ACOUGRP and AIDENT describe the balance of the county not covered by MCD and place records
ATYPE	1	15 Area Type Code (A Sample)
	1	County group is an SMSA central city (or cities)
	2	County group is composed of SMSA territory outside a central city
	3	County group is composed of SMSA territory both inside and outside a central city
	4	County group is composed of both SMSA and nonmetropolitan territory
	5	County group is composed of nonmetropolitan territory
ACOUGRP	3	16 County Group Code (A Sample) Blank on MCD and place records where the county is not subdivided

RECORD A

NAME	SIZE/ SCALE	BEGIN
		on the A sample Code is unique within State 001-099 County group code
AIDENT	1	19 Area Identification Code (A Sample) (Applicable if ATYPE = 4) 3 SMSA not identified
BBALANCE	1	20 County Balance Flag (B Sample) Blank indicates that the field is not applicable or that the county is not subdivided (Applicable if RECTYPE = 1) 1 County is subdivided BTYPE, BCOUGRP and BIDENT describe the balance of the county not covered by MCD and place records
BTYPE	1	21 Area Type Code (B Sample) 1 County group is an SMSA central city (or cities) 2 County group is composed of SMSA territory outside a central city 3 County group is composed of SMSA territory both inside and outside a central city 5 County group is composed of nonmetropolitan territory
BCOUGRP	3	22 County Group Code (B Sample) Blank on MCD and place records where the county is not subdivided on the B sample Codes of 001-199 are unique within State; codes of 900-998 are for county groups which cross State boundaries 001-998 County group code

RECORD A

NAME	SIZE/ SCALE	BEGIN	
BIDENT	1	25	Area Identification Code (B Sample) Blank if State is identified on the B sample and if SMSA is identified where applicable 1 State not identified 2 State and SMSA not identified 3 SMSA not identified
SMSA	4	26	FIPS SMSA Code Blank if record is not component of an SMSA County records in New England States carry an SMSA code only if the entire county is within a single SMSA or if the balance of the county as identified on the county record is within a single SMSA 0040-9340 SMSA code
AREANAME	30	30	Area Name Name of county, MCD or place
TOTALPOP	9	60	1980 Population Population of county, MCD or place part from SIF 1A

Note: In Michigan, subdivided counties are shown in the equivalency file with both MCD and place records. MCD's define "county group" below the county level for the county group of residence only. Places are used to define these same county groups for the "place of work" and "place of residence in 1975" item.

Attachment 3

101001		3017	3016	5240	AUTAUGA COUNTY		000032259
101003		40213	2019	5160	BALDWIN COUNTY		000078556
101005		5022	5020		BARBOUR COUNTY		000024756
101007		5013	5013		BIBB COUNTY		000015723
101009		40083	5008		BLOUNT COUNTY		000036459
101011		5016	5015		BULLOCK COUNTY		000010596
101013		5016	5015		BUTLER COUNTY		000021680
101015		3007	3007	0450	CALHOUN COUNTY		000119761
101017		5014	5014		CHAMBERS COUNTY		000039191
101019		5014	5014		CHEROKEE COUNTY		000018760
101021		5013	5013		CHILTON COUNTY		000030612
101023		5018	5017		CHOCTAW COUNTY		000016839
101025		5018	5017		CLARKE COUNTY		000027702
101027		5014	5014		CLAY COUNTY		000013703
101029		5014	5014		CLEBURNE COUNTY		000012595
101031		5022	5020		COFFEE COUNTY		000038533
101033		40013	3001	2650	COLBERT COUNTY		000054519
101035		5018	5017		CONECUH COUNTY		000015884
101037		5014	5014		COOSA COUNTY		000011377
101039		5022	5020		COVINGTON COUNTY		000036850
101041		5016	5015		CRENSHAW COUNTY		000014110
101043		5002	5002		CULLMAN COUNTY		000061642
101045		5022	5020		DALE COUNTY		000047821
101047		5018	5017		DALLAS COUNTY		000053981
101049		5005	5005		DE KALB COUNTY		000053658
101051		3017	3016	5240	ELMORE COUNTY		000043390
101053		40213	5017		ESCAMBIA COUNTY		000038440
101055		3006	3006	2880	ETOWAH COUNTY		000103057
101057		5013	5013		FAYETTE COUNTY		000018809
101059		40013	5008		FRANKLIN COUNTY		000026350
101061		5022	5020		GENEVA COUNTY		000024253
101063		5013	5013		GREENE COUNTY		000011021
101065		5013	5013		HALE COUNTY		000015604
101067		5022	5020		HENRY COUNTY		000015302
101069		5022	5020		HOUSTON COUNTY		000074632
101071		5005	5005		JACKSON COUNTY		000051407
101073		12010	12010	1000	JEFFERSON COUNTY		000671324
301073	0185	1009	1009	1000	BIRMINGHAM CITY		000284413
101075		5013	5013		LAMAR COUNTY		000016453
101077		40013	3001	2650	LAUDERDALE COUNTY		000080546
101079		5002	5002		LAWRENCE COUNTY		000030170
101081		40153	5015		LEE COUNTY		000076283
101083		2004	2004	3440	LIMESTONE COUNTY		000046005
101085		5016	5015		LOWNDES COUNTY		000013253

COMPONENTS OF A SAMPLE COUNTY GROUPS

Attachment 4

STATE: 01 COUNTY GROUP: 001 SMSA: 9999 TOTAL POPULATION: 215409
TYPE OF AREA: SMSA COMBINED WITH NONMETROPOLITAN AREA

NAME	POPULATION	ST COU MCD	PL	SMSA
COLBERT COUNTY	54519	01 033		2650
FRANKLIN COUNTY	28350	01 059		
LAUDERDALE COUNTY	80546	01 077		2650
MARION COUNTY	30041	01 093		
WINSTON COUNTY	21953	01 133		

STATE: 01 COUNTY GROUP: 002 SMSA: 0000 TOTAL POPULATION: 102043
TYPE OF AREA: NONMETROPOLITAN AREA

NAME	POPULATION	ST COU MCD	PL	SMSA
CULLMAN COUNTY	61642	01 043		
LAWRENCE COUNTY	30170	01 079		
MORGAN COUNTY	90231	01 103		

STATE: 01 COUNTY GROUP: 003 SMSA: 3440 TOTAL POPULATION: 196966
TYPE OF AREA: SMSA, CENTRAL CITY/REMAINDER NOT SEPARATELY IDENTIFIED

NAME	POPULATION	ST COU MCD	PL	SMSA
MADISON COUNTY	196966	01 089		3440

STATE: 01 COUNTY GROUP: 004 SMSA: 3440 TOTAL POPULATION: 111627
TYPE OF AREA: SMSA, EXCLUDING CENTRAL CITY

NAME	POPULATION	ST COU MCD	PL	SMSA
LIMESTONE COUNTY	46005	01 083		3440
MARSHALL COUNTY	65622	01 095		3440

STATE: 01 COUNTY GROUP: 005 SMSA: 0000 TOTAL POPULATION: 105065
TYPE OF AREA: NONMETROPOLITAN AREA

NAME	POPULATION	ST COU MCD	PL	SMSA
DE KALB COUNTY	53658	01 049		
JACKSON COUNTY	51407	01 071		

STATE: 01 COUNTY GROUP: 006 SMSA: 2880 TOTAL POPULATION: 103057
TYPE OF AREA: SMSA, CENTRAL CITY/REMAINDER NOT SEPARATELY IDENTIFIED

NAME	POPULATION	ST COU MCD	PL	SMSA
ETOWAH COUNTY	103057	01 055		2880

STATE: 01 COUNTY GROUP: 007 SMSA: 0450 TOTAL POPULATION: 119761
TYPE OF AREA: SMSA, CENTRAL CITY/REMAINDER NOT SEPARATELY IDENTIFIED

NAME	POPULATION	ST COU MCD	PL	SMSA
CALHOUN COUNTY	119761	01 015		0450

COMPONENTS OF B SAMPLE COUNTY GROUPS

STATE: 01 COUNTY GROUP: 001 SMSA: 2650 TOTAL POPULATION: 135065
TYPE OF AREA: SMSA, CENTRAL CITY/REMAINDER NOT SEPARATELY IDENTIFIED

NAME	POPULATION	ST	COU	MCD	PL	SMSA
COLBERT COUNTY	54519	01	033			2650
LAUDERDALE COUNTY	80546	01	077			2650

STATE: 01 COUNTY GROUP: 002 SMSA: 0000 TOTAL POPULATION: 182043
TYPE OF AREA: NONMETROPOLITAN AREA

NAME	POPULATION	ST	COU	MCD	PL	SMSA
CULLMAN COUNTY	61642	01	043			
LAWRENCE COUNTY	30170	01	079			
MORGAN COUNTY	90231	01	103			

STATE: 01 COUNTY GROUP: 003 SMSA: 3440 TOTAL POPULATION: 142513
TYPE OF AREA: SMSA CENTRAL CITY

NAME	POPULATION	ST	COU	MCD	PL	SMSA
HUNTSVILLE CITY	142513	01	089		0935	3440

STATE: 01 COUNTY GROUP: 004 SMSA: 3440 TOTAL POPULATION: 166080
TYPE OF AREA: SMSA, EXCLUDING CENTRAL CITY

NAME	POPULATION	ST	COU	MCD	PL	SMSA
LIMESTONE COUNTY	46005	01	083			3440
MADISON COUNTY	54453 (BALANCE)	01	089			3440
MARSHALL COUNTY	65622	01	095			3440

STATE: 01 COUNTY GROUP: 005 SMSA: 0000 TOTAL POPULATION: 105065
TYPE OF AREA: NONMETROPOLITAN AREA

NAME	POPULATION	ST	COU	MCD	PL	SMSA
DE KALB COUNTY	53658	01	049			
JACKSON COUNTY	51407	01	071			

STATE: 01 COUNTY GROUP: 006 SMSA: 2880 TOTAL POPULATION: 103057
TYPE OF AREA: SMSA, CENTRAL CITY/REMAINDER NOT SEPARATELY IDENTIFIED

NAME	POPULATION	ST	COU	MCD	PL	SMSA
ETOWAH COUNTY	103057	01	055			2880

STATE: 01 COUNTY GROUP: 007 SMSA: 0450 TOTAL POPULATION: 119761
TYPE OF AREA: SMSA, CENTRAL CITY/REMAINDER NOT SEPARATELY IDENTIFIED

NAME	POPULATION	ST	COU	MCD	PL	SMSA
CALHOUN COUNTY	119761	01	015			0450