



CENSUS TOOLKIT

The University of Michigan Library

Adapted for the University of Michigan Documents Center from the Census Toolbox of the American Library Association's Government Information Technology Committee
<http://www.ala.org/ala/godort/godortcommittees/gitco/gdtoolkitindex.htm>.
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CHOOSING A DATA SOURCE

1. For a simple variable for the U.S. or one state, county, place or zip code

Use *Fact Sheets* in American Factfinder (<http://factfinder.census.gov/>)

OR

A *Demographic Profile* from:

(<http://www.census.gov/Press-Release/www/2002/demoprofiles.html>)

(<ftp://www.nwm.cog.mi.us/2000CensusProfiles/>)

(<http://www.lib.umich.edu/govdocs/census2/demoprof.html>)

2. **For all other requests, CHOOSE DATA FILE based on subject needed AND geographic level covered.** (Most popular is Summary File 3)

Files in American Factfinder

<http://factfinder.census.gov/>

Redistricting Files (PL 94-171)

63 racial groups All levels to block
63 racial groups over 18

Summary File 1

Household relationship All levels to block
Sex
Race
Hispanic origin
Age, including single years
Housing owner/renter occupied
Group Quarters
Unmarried partners

Summary File 2

Household relationship All levels to census tract
Sex
Race
Hispanic origin
Age
Housing owner/renter occupied
Group Quarters
Unmarried partners
Extremely detailed cross classifications by 250 races

Summary File 3

Subjects in SF 1 in less detail All levels to block group
Marital status Racial cross-classifications for
Grandparents as caregivers housing only at tract level
School enrollment
Educational attainment
State or foreign country of birth
Citizenship and year of immigration
Language spoken at home
Ancestry
Place of residence 5 years ago
Veteran status
Disability
Labor force status
Place of work
Journey to work
Occupation

Summary File 3 - Continued

Industry
Class of worker
Work experience in 1999
Income and poverty in 1999
Housing units in structure
Rooms in unit
Value of home
Rent paid
Year structure built
Year moved into residence
Heating fuel
Plumbing and kitchen facilities
Number of bedrooms
Farm residence
Telephone
Vehicles available
Monthly shelter costs

All levels to block group
Racial cross-classifications for housing only at tract level

Summary File 4

Subjects covered in Summary File 3
Detailed cross classifications by race and ancestry (not age)

All levels to census tract

108th Congressional Districts

Separate 100% and sample files
(106th Congress included in SF1 and 3)

Congressional Districts beginning 2003 and corresponding counties, places, and tracts. 109th (2005) also available.

Am Samoa, Guam, Northern Marianas, Virgin Islands

100% and sample combined
Puerto Rico covered in SF1-3 files

Individual U.S. territories

Census Supplementary Survey

All subjects covered in Summary File 3
Data subject to error because different sampling techniques used
Essentially superseded by Demographic Profiles and SF3 when published

U.S. states, counties, MSAs, and places of 250,000+

Demographic Profiles

Brief data in SF1 and SF3
No classifications by race, age or sex although those three variables are available for the entire population

U.S., states, counties, places, MCDs, MSAs, Native American areas, and 106th Congress Districts, one-at-a-time

Files Separate from American Factfinder

Public Use Microdata Samples : 1%

All subjects in sample questionnaire
States and super-PUMAS (areas
400,000)

User must ftp data and manipulate with own
software (e.g. SAS, SPSS, STATA) or use
PDQ Explore (<http://www.pdq.com/>)

Public Use Microdata Samples: 5%

All subjects in sample questionnaire
States and PUMAS (areas of
100,000)

Users must ftp data and maipulate with own
Software (e.g. SAS, SPSS, STATA) or use
PDQ Explore (<http://www.pdq.com/>)

School District Profiles

Sample variables (SF3) and maps
States, counties and school districts
<http://nces.ed.gov/surveys/sdds/tablemain.asp>

County-to-County Worker Flows

Number of people living in a county
and the county where they work; number
of people working in a county by county
of residence
States, MSAs, and counties
<http://www.census.gov/population/www/cen2000/commuting.html>

MCD/County to MCD/County Worker Flows

Number of people living in a city or township
and the city/township or county where they work;
number of people working in a city or township
and the city/township/county of residence
Counties and minor civil divisions
in CT, ME, MA, MI, MN, NH, NJ,
NY, PA, RI, VT, and WI
<http://www.census.gov/population/www/cen2000/mcdworkerflow.html>

Places-of-Work Data

Characteristics of the work force by where they
work rather than other Census tables, which count
by where they live. Includes industry, earnings,
occupation and race. Created by the University of
Wisconsin at Milwaukee.
State, counties and census tracts
<http://www.uwm.edu/Dept/ETI/drilldowns/index.html>

Census Transportation Planning Package

Worker flow and computer characteristics.
Maps on American Factfinder but CDs will
be distributed to transportation community
<http://www.fhwa.dot.gov/ctpp/>

States, counties, minor civil
divisions and traffic analysis zones

Equal Employment Opportunity

Occupation by sex and race; educational attainment
by age, race, sex and occupation.
<http://www.census.gov/hhes/www/eeoindex.html>

States, metropolitan areas, and
county grouping or cities of
50,000+

4. **When a file is available in more than one format, choose your best option from the information below or ask a librarian for assistance.** (Most popular format is American Factfinder)

American Factfinder [<http://factfinder.census.gov>]

Usually best place to start
Can access at home
Has all data sets for 2000
Can choose tables for sub-sub geographies (e.g. block groups in a county)
Can use Custom Tables for retrieving parts of tables or multiple tables and spreadsheet functions
Can mix and match types of geographic areas
Can download in spreadsheet format
Reference maps for entire country
Selected thematic maps for entire country for insertion in paper, powerpoint, web
Limitations: number of geographies and number of variables in one table;
thematic maps incomplete

Census Bureau DVD [Documents Center]

Much faster than Factfinder
Can handle larger numbers of geographies than Factfinder but not a substitute for ftp
Can select individual variables within a table rather than entire table
Radius searching possible
Limitation: Must come to library and no GIS capabilities

Geolytics CD-ROMS [Documents Center]

Can create thematic maps from all tables, not just selected tables
Can create new themes using the calculator feature and tables already retrieved
Can export data to ARCVIEW for future manipulation
Can also retrieve spreadsheets
Limitations: fewer geographies than the CDs; maps must be exported for proper use

FTP [http://ftp2.census.gov/census_2000/datasets/ OR
<http://www.icpsr.umich.edu/access/subject.html> - I]

Need to manipulate significant amounts of data
Know how to use a statistical package
Familiar with unzipping files, cutting spreadsheets to
a reasonable size, and adding column headings

DATA PRODUCT DESCRIPTIONS

American Factfinder:

American Factfinder

<http://factfinder.census.gov/>

Has most data sets from the 2000 Census as well as all reference maps to the block level. Includes the most popular files from the 1990 Census and reference maps to the block group level. Selected thematic maps from the 2000 and 1990 Census.

Data Sets currently available include:

- Redistricting Data (PL 94-171)
- 109th Congressional Districts (100% and Sample)
- Summary File 1
- Summary File 2
- Summary File 3
- Summary File 4
- American Samoa, Guam, Northern Marianas and U.S. Virgin Islands

Factfinder Tutorials

Tutorials and Training Materials (Census Bureau)

<http://factfinder.census.gov/home/en/epss/tutorials.html>

American Factfinder Powerpoint (University of Michigan)

<http://www.lib.umich.edu/govdocs/census2/davidsen.ppt>

TIPS ON USING AMERICAN FACTFINDER

1. Use the DATA SETS menu on the middle left of the main page for the most efficient access.
 - a. Choose Summary File
 - b. Choose Detailed Tables or Custom Table*
 - c. Use LIST **geography** to choose area (e.g. all tracts in county). However, if you want to choose areas within a sub-sub geography (e.g. all tracts or zip codes in state, all block groups in city), use the GEO WITHIN GEO Option.
 - d. KEYWORD searching is easiest for choosing your table in SF1 and 2; SUBJECT search in SF 3 and 4
 - e. You can print the table using your web browser.
 - f. Do NOT use your web browser to download. Use the DOWNLOAD button and choose your format. Comma delimited/Transposed is best for manipulating the data with a spreadsheet. The columns and rows in your spreadsheet will be marked with eye-legible headings.
 - g. *Custom Table at the Summary File choice screen allows you to choose individual variables in one or more tables on the same spreadsheet. The Options menu permits you to sort or filter the search results. Custom Table can be used with List Geography and Geography within Geography. However, you can only choose one race in SF2 and 4; downloading in zipped format.

2. Use MAPS/REFERENCE MAPS (bottom left of main page) to obtain boundaries, street names, and numbers of tracts, block groups, blocks, zip codes, and other geographies.
 - a. Choose a state and press GO.
 - a. At the next screen, CHANGE GEOGRAPHY. Then search by place name.
 - b. If you can't read a tract boundary, you can turn off the similarly-colored block group boundaries by using the legend.
 - c. These maps can only be saved as a GIF format.
 - d. You can also access these maps through a Summary File in Data Sets.

3. Use THEMATIC MAPS to show representations of data.
 - a. Go in through DATA SETS and choose THEMATIC MAPS.
 - b. Use LIST GEOGRAPHY to determine your area. Always choose the level above the level you want to represent. (e.g. choose state if you want county data)
 - c. You can overlay reference maps onto thematic maps.
 - d. These can only be saved in GIF format.
 - e. If your subject is not covered, use the Geolytics CD.

Census Bureau Web Pages for Individual Files:

Demographic Profile – 100%

<http://www.census.gov/Press-Release/www/2001/demoprofile.html>

Demographic Profiles – 100% and Sample

<http://www.census.gov/Press-Release/www/2002/demoprofiles.html>

Summary File 1

<http://www.census.gov/Press-Release/www/2001/sumfile1.html>

Summary File 2

<http://www.census.gov/Press-Release/www/2001/sumfile2.html>

Summary File 3

<http://www.census.gov/Press-Release/www/2002/sumfile3.html>

Summary File 4

<http://factfinder.census.gov/home/en/sf4.html>

Public Use Microdata Samples – 1%

<http://www.census.gov/Press-Release/www/2003/PUMS.html>

Public Use Microdata Samples – 5%

<http://www.census.gov/Press-Release/www/2003/PUMS5.html>

Alternative: PDQ Explore (free password to academics): <http://www.pdq.com/>

Aging Tabulation – <http://www.aoa.gov/prof/Statistics/Tab/specialtab.htm>

Census 2000 Supplementary Survey (part of American Community Survey)

<http://www.census.gov/acs/www/index.html>

Census Transportation Planning Package

<http://www.fhwa.dot.gov/ctpp/>

Congressional Districts – 108th Congress

<http://factfinder.census.gov/home/en/cd108.html>

Congressional Districts – 109th Congress

<http://factfinder.census.gov/home/en/cd109.html>

County-to-County Worker Flows

<http://www.census.gov/population/www/cen2000/commuting.html>

MCD/County-to-MCD/County Worker Flows

<http://www.census.gov/population/www/cen2000/mcdworkerflow.html>

Equal Employment Opportunity

<http://www.census.gov/hhes/www/eeoindex.html>

Redistricting Data

<http://www.census.gov/clo/www/redistricting.html>

School District Demographics – 100% and Sample

<http://nces.ed.gov/surveys/sdds/tablemain.asp>

Demographic Profiles – 100% and Sample:

Demographic Profiles – 100% and Sample

<http://www.census.gov/Press-Release/www/2002/demoprofiles.html>

Demographic profiles include summary data on age, race, sex, household characteristics, marital status, education, occupation, income, poverty, employment status, disability, commuting, housing value and rent, and housing characteristics for the U.S., states, counties, places, minor civil divisions, MSAs, Native American reservations, and Congressional Districts.

Demographic Profiles – 100% and Sample (continued)

The main Census Bureau web for Demographic Profiles provides two approaches: search for profiles of individual areas or download data for both 2000 and 1990 in compressed .csv (spreadsheet) format.

The spreadsheets include all geographic areas for the state in clustered rows. The State; Counties and their individual minor civil divisions but NOT places within the county; all Places in the state listed alphabetically; Metropolitan Statistical Areas; Native American Reservations, and Congressional Districts. The Census Bureau does not list places under their counties because places often reside in two counties (e.g. Milan, Michigan is located in Washtenaw and Lenawee Counties.)

MICHIGAN and UNITED STATES profiles in labeled XLS format are available from the University of Michigan at <http://www.lib.umich.edu/govdocs/census2/demoprof.html>

Census Bureau CDs/DVDs

The Census Bureau DVDs, beginning with Summary File 1, use the Allocate software. They provide the capability of retrieving very large data sets (all of the tracts in a state, blocks in a county, etc.) at rapid speed. You can select parts of a table rather than the entire table (e.g. females 88 and 89 years old rather than over 200 ages by sex). You can also search within a radius. Once data sets are run, you will also be provided a separate file to translate the table headings.

Census Bureau CDs/DVDs are located on the Documents Center LAN and accessible from Workstations 1-10. Most Documents Center computers have a 100MB zip drive, and computer #8 has a CD-RW drive for copying large data sets. They are also accessible at the Documents Center's scholar's workstation, which also has a CD burner.

Basic search techniques:

1. Determine DVD and the table you want using the Technical Documentation if at all possible. The Allocate DVD does not support keyword searching.
2. Choose your WORKSPACE (e.g. DVD file).
3. PICK GEOGRAPHY by choosing the summary level and then expanding it.
Note: if you are using Summary Level 140 (state-county-tract) and check off the name of your county rather than use the expand button, you will retrieve all of the tracts in that county.
4. Choose OUTPUT tab. Change from the report format to the FILE format.
then SAVE AS (name your file and choose your file type even before you choose the data). When using the LAN, save to the X drive.
5. Choose SIMPLE VARIABLES. Expand to include GEOGRAPHIC IDENTIFIERS. Then expand to include the population and housing variables you want. Double-click on the variable or single-click and select to make sure your variable moves to the righthand side of the screen.
6. Click on FINISH.
7. Before retrieving data, be sure to retrieve and print your table headings.

PL 94-171 Redistricting Files

Documents Center: CD-ROM Do174
Purchase information: <http://www.census.gov/mp/www/rom/msrom6gb.html>
Tutorial (Census): <http://www.census.gov/support/PLData.html>
Geolytics Version: Block groups= CD-ROM Do165
Blocks = CD-ROM Do164

Census 2000 Race and Hispanic Summary File

Documents Center: DVD-ROM 001
Purchase information: <http://www.census.gov/mp/www/rom/msrom6gr.html>

Summary File 1 (All States)

Documents Center: DVD-ROM 002 (Networked on Documents LAN)
Geography: All states, counties, places, tracts, block groups and blocks
Purchase information: <http://www.census.gov/mp/www/rom/msrom6ge.html>
Tutorial (Census): <http://www.census.gov/mso/www/sf1dvd/index.htm>
Geolytics Version: Block groups= CD-ROM Do168
Blocks = CD-ROM Do164
Tutorial (UMich) <http://www.lib.umich.edu/govdocs/census2/cen2000a.ppt>
(near end of slide presentation)

Summary File 1 (National File)

Documents Center: DVD-ROM Do 14 (Networked on Documents Center LAN)
Geography: U.S., regional and divisional totals; metro and urban areas (incl those which cross state lines), states, counties and places of 10,000+; smallest geography=zip code

Summary File 2 (All States)

Documents Center: CD-ROM Do255
Geography: States, metro areas, counties, places, and census tracts
Tutorial (Census) <http://www.census.gov/support/SF2Data.html>

Summary File 3 (All States)

Documents Center: DVD-ROM Do4
Geography: States, metro areas, counties, places, tracts and block groups
Purchase Information: <http://www.census.gov/mp/www/Tempcat/SF3a.html>
Geolytics Version: CensusCD 2000 Long Form (CD-ROM Docs Do 193)
Tutorial (Census) <http://www.census.gov/support/SF3Data.html>
Note: Part 1: Hierarchical file (geographies 040-090)
Part 2: Inventory file (geographies 140+)
Part 3: Zip Codes

Summary File 3 (National)

Documents Center: DVD-ROM Do20
Geography: U.S., regional and divisional totals; metro and urban areas (incl those which cross state lines), states, counties and places of 10,000+; smallest geography=zip code

Purchase Information: <http://www.census.gov/mp/www/Tempcat/SF3a.html>
Tutorial (Census) <http://www.census.gov/support/SF3Data.html>

Summary File 4 (All States)

Documents Center: Documents Center DVD-ROM Do8
Geography: States, counties, county subdivisions, places, census tracts
Purchase Information: <http://www.census.gov/mp/www/Tempcat/SF4.html>

Public Use Microdata Samples – 1% and 5% (Beyond 20/20 Software)

Documents Center: Documents Center DVD-ROM Do12
Geography: States and super-PUMAS
Tutorial: <http://www.census.gov/support/PUMSdata.html>
Alternatives: See <http://www.lib.umich.edu/govdocs/census2/pdqexp.ppt>

Geolytics CD-ROMS

Geolytics 2000 CDs can be used for data retrieval but are best for their mapping capabilities. You can make thematic maps of all Census variables and either print them or import them into ARCVIEW for more sophisticated analysis.

BASIC SEARCH TECHNIQUES:

1. If you are planning to use the Geolytics data in conjunction with ARCVIEW, check first with Numeric Data (in Documents Center) or the Map Library (8th floor Hatcher) to determine their requirements. (<http://www.lib.umich.edu/maplib/> or map.library@umich.edu)
2. Name your workspace (e.g. request file). When using Docs LAN, save to X or Y drive.
3. Choose AREA – the largest area of geography you want. Do NOT press DONE.
4. Choose SUBAREA – the lowest area of geography you want. The area you chose may limit the subarea you can choose. Now press DONE.
5. For the most part you will be choosing COUNTS/TAILORED. Move the subject from the top to the bottom of the screen to expand the variables. Highlight individual variables and press DONE.
6. RUN – ASCII, DBF, or MAP.
7. If you run a spreadsheet, you will need to copy the names of the variables from the Data Dictionary in the file's Technical Documentation (earlier in this guide).
8. You can change the number of classes and subjects on a map but you cannot add boundary names.
9. Use the calculator at the top of the screen to create percentages.
10. To export to ARCVIEW, eliminate the view of water. Then FILE/EXPORT into Arcview.
11. On the Documents LAN, it will be on the X drive. Use drag and drop from the desktop to save the file to your disk or USB drive. Most files will fit on a USB drive

Additional products appears on the Geolytics web site at: <http://www.geolytics.com/>
The Documents Center is subscribing to the products. It currently has the following:

PL 94-171 Redistricting Files

Geolytics Version: Block groups= CD-ROM Do165 (Docs LAN)
Blocks = CD-ROM Do164 (Docs LAN)

Summary File 1

Geolytics Version: Block groups= CD-ROM Do168 (Docs LAN)
Blocks = CD-ROM Do164 (Docs LAN)
Tutorial (UMich) <http://www.lib.umich.edu/govdocs/census2/cen2000.htm> (near end of slide presentation)

Summary File 3

Geolytics Version: Block groups= CD-ROM Do193
Tutorial (UMich) <http://www.lib.umich.edu/govdocs/census2/cen2000.htm>
<http://www.lib.umich.edu/nsds/tutorials/geolytics2000.html>
<http://www.lib.umich.edu/govdocs/videos/geo2000.wmv>

Neighborhood Change Data Base

Geolytics Version: 1970-2000 data for tracts only. CD-ROM Do239 (Docs Workstation 5)

FTP

Downloading data via ftp is probably the best way to handle large data sets which you plan to manipulate with a statistical package such as SAS, SPSS, or STATA. It may also work with spreadsheets provided the Census Bureau has divided the files into packages small enough to be handled by programs such as EXCEL.

The Census Bureau's FTP web site is given below for each file currently available. Affiliates of the University of Michigan may ftp files on campus directly from the Inter-University Consortium for Political and Social Research .
(<http://www.icpsr.umich.edu/access/subject.html> - I)

For assistance in choosing and downloading files on campus, contact Numeric and Spatial Data Services (825 Hatcher North, nsds@umich.edu).

PL94-171 Redistricting Files

http://ftp2.census.gov/census_2000/datasets/redistricting_file--pl_94-171/

Demographic Profiles – Sample and 100%

http://ftp2.census.gov/census_2000/datasets/100_and_sample_profile/

Summary File 1

http://ftp2.census.gov/census_2000/datasets/Summary_File_1/

Summary File 2

http://ftp2.census.gov/census_2000/datasets/Summary_File_2/

Summary File 3

http://ftp2.census.gov/census_2000/datasets/Summary_File_3/

Summary File 4

http://ftp2.census.gov/census_2000/datasets/Summary_File_4/

Census Supplementary Survey

http://ftp2.census.gov/census_2000/datasets/Census_2000_Supplementary_Survey/

Public Use Microdata Samples – 1%

http://ftp2.census.gov/census_2000/datasets/PUMS/OnePercent/

Public Use Microdata Samples – 5%

http://ftp2.census.gov/census_2000/datasets/PUMS/FivePercent/

Island Areas

http://ftp2.census.gov/census_2000/datasets/Island_Areas/

108th Congressional Districts

http://ftp2.census.gov/census_2000/datasets/108_Congressional_Districts/

Alternative Interfaces to the Public Use Microdata Samples

PDQ Explore is a commercial product which permits users to easily create their own tabulations from the 1% and 5% Public Use Microdata Samples for 1980-2000 as well as historic IPUMS data, 1850-80, 1990-1920, and 1940-90. The program is available through the Documents Center and Numeric and Spatial Data Services departments in the Graduate Library. Further information is available on the PDQ web site (<http://www.pdq.com/>) Tutorial: <http://www.lib.umich.edu/govdocs/census/pdqexp.ppt>

UC-Berkeley's Survey Documentation and Analysis System is a popular program for accessing government and non-government microdata, but only selected PUMS data is available using the program. The Numeric and Spatial Data Service at the University of Michigan has mounted 1990 PUMS 5% files for Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Pennsylvania, Wisconsin (public access) and 2000 PUMS 5% files for Michigan (UMich Only) at: <http://nds.umdl.umich.edu/n/nds/>. UC-Berkeley has mounted the 1990 and 2000 1% PUMS files for California (public access) at: <http://csa.berkeley.edu:7502/archive.htm>

Undercount

State and national undercount figures are available from the University of Minnesota at http://govpubs.lib.umn.edu/census/cen_adj.phtml. Population figures adjusted for undercount will NOT appear on regular Census Bureau data products or American Factfinder. They are being issued on CD-ROM. The CD-ROMS will not be distributed to depository libraries but can be requested using the [request form](#). Data can also be ftp-ed in compressed format from UCLA at http://www.sscnet.ucla.edu/issr/da/Adjusted/adjust_web.html

CENSUS 2000 GEOGRAPHY AND MAPS

Gateway:

Census Bureau Geography

<http://www.census.gov/geo/www/index.html>

Guide to Census Bureau geographic hierarchies, classification systems, map products, and GIS.

Geography:

Census 2000 Geographic Terms and Concepts:

<http://www.census.gov/geo/www/tiger/glossry2.pdf>

Census Geography Chart

http://factfinder.census.gov/home/en/epss/census_geography.html

Geographic Areas Reference Manual

<http://www.census.gov/geo/www/garm.html>

Geographic Changes for 2000 + Glossary

<http://www.census.gov/geo/www/tiger/glossary.html>

Census 2000 Statistical Areas Boundary Criteria

<http://www.census.gov/geo/www/psapage.html>

Cartographic Boundary Files

<http://www.census.gov/geo/www/cob/>

Census Block Relationship Files (between 1990 and 2000)

http://www.census.gov/geo/www/relate/rel_blk.html

Census Tract Relationship Files (between 1990 and 2000)

http://www.census.gov/geo/www/relate/rel_tract.html

Mable/Geocorr Geographic Correspondence Engine

<http://mcdc2.missouri.edu/websas/geocorr2k.html>

(get all zip codes by county, relate tracts to zip codes, etc.)

Metropolitan Area Definitions:

<http://www.census.gov/population/www/estimates/metrodef.html>

Urbanized Areas (Federal Register, May 1, 2002)

<http://www.lib.umich.edu/govdocs/census2/ua2000.pdf>

Copies of Maps:

Map Products for Download

http://www.census.gov/geo/www/maps/CP_MapProducts.htm

Electronic versions

Paper Maps for Purchase

<http://www.census.gov/mp/www/geo/c2000/2000pr~1.html>

PDF Format

http://www.census.gov/geo/www/tiger/rd_2ktiger/pl_maps/pl_maps.html

County block maps, legislative district maps, and census tract maps.

Census 2000 Block Maps – PDF

Documents Center DVD-ROMS Do 15-19

Interactive Electronic Maps

<http://factfinder.census.gov>

American Factfinder provides reference and thematic maps to the block level.

Paper Maps for Michigan

The Documents Center map cabinet (inside Room 204 door) has paper 2000 census tract maps for the entire State of Michigan and block maps for Wayne and Washtenaw Counties. It also has 1990 census tract and block group maps for Michigan as well as block maps for Wayne and Washtenaw Counties.

Paper maps may also be purchased from the Michigan Information Center. See <http://www.michigan.gov/census/>

The Map Library in Hatcher has a color printer and a duplicator for large maps.

WORKING WITH CENSUS DATA AND MAPS

Data:

Excel Spreadsheets for Library Census Users

<http://www.lib.umich.edu/govdocs/census2/excel/xlguide.pdf>

How to Export a Table from PDF to an Excel Spreadsheet

<http://www.library.mcgill.ca/edrs/services/publications/howto/PDFtoXLS/PDFtoExcel.html>

Maps:

How to Print Out Census 2000 Maps in PDF Format (University of North Carolina)

<http://www.lib.unc.edu/reference/govinfo/census/printpdf.html>

Printing from the PDF Map Files (Census Bureau)

http://www.census.gov/geo/www/tiger/rd_2ktiger/pl_maps/pdfprint.html

Working with 2000 Census Data in ArcGIS (University of Texas)

http://web.austin.utexas.edu/architecture/courses/parmenter/gis/arcgis_tips/census2000/index.html

Downloading shape files and data, then relating them.

CENSUS 2000 GENERAL INFORMATION

Gateway:

Census 2000 Home Page (Census Bureau)

<http://www.census.gov/main/www/cen2000.html>

Census 2000 questionnaires, press releases, links to data sources, analyses of data, and historical information links.

General Guides:

Introduction to Census 2000 Data (Census Bureau)

<http://www.census.gov/dmd/www/products.html>

Printed guide in English and Spanish as well as powerpoint presentations which may be downloaded by user.

Public Use Presentation Library

http://www.census.gov/mso/www/pres_lib/index2.html

Powerpoint presentations on various aspects of Census 2000. May be viewed or downloaded. Includes speaker's notes.

Public Use Training Modules (Census Bureau)

<http://www.census.gov/mso/www/rsf/index.html>

Powerpoint slides on various census files, data analyses, file transfer protocol and American Factfinder.

American Factfinder and Census 2000 (University of Michigan)

<http://www.lib.umich.edu/govdocs/census2/cen2000.htm>

Detailed tutorial on census concepts, using American Factfinder and the DVDs. In HTML and powerpoint.

Census Tutorial (Alaska Library Association)

http://daniel.cornwall.home.att.net/census_tutorial.html

Web-based tutorial on Census concepts.

Census 2000 Starting Pathfinder (University of Minnesota)

<http://govpubs.lib.umn.edu/census/pathfinder1.phtml>

Flow chart showing question and which section to use in American Factfinder.

Questionnaires:

Census 2000 Questionnaires (Census Bureau)

<http://www.census.gov/dmd/www/2000quest.html>

PDF versions of the 100% and sample questionnaires as well as special questionnaires for Puerto Rico, the Islands, and military personnel.

Technical Documentation:

Redistricting Data (Census Data) – 4.2M

<http://www.census.gov/prod/cen2000/doc/pl94-171.pdf>

Race and Hispanic Origin Summary (Census Bureau) – 3.8 M

<http://www.census.gov/prod/cen2000/doc/racehislat.pdf>

Demographic Profiles

<http://www.census.gov/prod/cen2000/doc/ProfileTD.pdf>

Technical Note on Unmarried Partners

<http://www.census.gov/population/www/cen2000/samesex.html>

Summary File 1 (Census Bureau) – 5.9 M

<http://www.census.gov/prod/cen2000/doc/sf1.pdf>

Printable List of Tables (University of Michigan)

<http://www.lib.umich.edu/govdocs/census2/sf1tab.htm>

Disaggregated Summary File 1 Documentation (University of Michigan)

Table of Contents (722 K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1con.pdf>

Chapter 1 (Abstract, 35K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c1.pdf>

Chapter 2 (How to Use This File, 585K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c2.pdf>

Chapter 3 (Subject Locator, 55K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c3.pdf>

(Alphabetical list of subjects and corresponding table numbers)

Chapter 4 (Summary Level Sequence Chart, 59K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c4.pdf>

(Code numbers for hierarchical list of geographic data breakdowns)

Chapter 5 (List of Tables, 87K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c5.pdf>

Chapter 6 (Summary Table Outlines, 227 K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c6.pdf>

(Detailed breakdown of individual tables shown in Chapter 5)

Chapter 7 (Data Dictionary, 459K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c7.pdf>

(Detailed list of individual tables shown in Chapter 6 with the code numbers (e.g. P001001) that appear in spreadsheet headings; essential for interpreting downloaded data)

Chapter 8 (Accuracy of the Data 45K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c8.pdf>

Chapter 9 (User Updates/Errata, 143K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1c9.pdf>

Appendix A (Geographic Terms and Concepts, 412K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1aa.pdf>

Appendix B (Definitions of Subject Characteristics, 113K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1ab.pdf>

Appendix C (Data Collection and Processing Procedures, 127K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1ac.pdf>

Appendix D (Questionnaire, 454K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1ad.pdf>

Appendix E (Data Products and User Assistance, 712K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1ae.pdf>

(Includes list of State Data Centers)

Appendix F (Maps, 882K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1af.pdf>

Appendix G (Code Lists, 58K)

<http://www.lib.umich.edu/govdocs/census2/sf1td/sf1ag.pdf>

(Group quarters, Hispanic, and racial codes)

Summary File 2 (Census Bureau)

<http://www.census.gov/prod/cen2000/doc/sf2.pdf>

Printable list of tables (University of Michigan)

<http://www.lib.umich.edu/govdocs/census2/sf2.htm>

Summary File 3 (Census Bureau)

<http://www.census.gov/prod/cen2000/doc/sf3.pdf>

Disaggregated Summary File 3 Documentation (University of Michigan)

Chapter 1 (Abstract, 757K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td1.pdf>

Chapter 2 (How to Use This Documentation, 484K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td2.pdf>

Chapter 3 (Subject Locator, 121K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td3.pdf>

(Alphabetical list of subjects and corresponding table numbers)

Chapter 4 (Summary Level Sequence Chart, 42K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td4.pdf>

(Code numbers for hierarchical list of geographic data breakdowns)

Chapter 5 (List of Tables, 197K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td5.pdf>

Chapter 6 (Summary Table Outlines, 632 K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td6.pdf>

(Detailed breakdown of individual tables shown in Chapter 5)

Chapter 7 (Data Dictionary, 1.6 M)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td7.pdf>

(Detailed list of individual tables shown in Chapter 6 with the code numbers (e.g. P001001) that appear in spreadsheet headings; essential for interpreting downloaded data). Also divided in segments:

Geographic Record Codes (96K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td7a.pdf>

Population Tables P1-P160I (418K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td7b.pdf>

Population Tables PCT1-PCT76L ((713K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td7c.pdf>

Housing Tables H1-HCT48I (417K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td7d.pdf>

Chapter 8 (Accuracy of the Data 141K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td8.pdf>

Chapter 9 (User Updates/Errata, 241K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3td9.pdf>

Appendix A (Geographic Terms and Concepts, 342K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tda.pdf>

Appendix B (Definitions of Subject Characteristics, 381K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdb.pdf>

Appendix C (Data Collection and Processing Procedures, 140K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdc.pdf>

Appendix D (Questionnaire, 259K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdd.pdf>

Appendix E (Data Products and User Assistance, 513K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tde.pdf>

(Includes list of State Data Centers)

Appendix F (Maps, 915K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdf.pdf>

Appendix G: Code Lists

Ancestry (60K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg1.pdf>

Group Quarters (56K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg2.pdf>

Hispanic (26K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg3.pdf>

Industry (59K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg4.pdf>

Language (50K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg5.pdf>

Occupation (92K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg6.pdf>

Race (115K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg7.pdf>

States and Foreign Countries

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg8.pdf>

Summary File 4 (Census Bureau)

<http://www.census.gov/prod/cen2000/doc/sf4.pdf>

List of Tables: <http://www.lib.umich.edu/govdocs/census2/sf4tab.pdf>

Race/Ancestry: <http://www.lib.umich.edu/govdocs/census2/sf4race.pdf>

Public Use Microdata Samples – 1% Sample (Census Bureau)

<http://www.census.gov/prod/cen2000/doc/pums.pdf>

Superpumas: (<http://ftp2.census.gov/geo/maps/puma/superpuma2k/>)

Public Use Microdata Samples – 5% Sample (Census Bureau)

<http://www.census.gov/prod/cen2000/doc/pums.pdf>

Pumas: (<http://ftp2.census.gov/geo/maps/puma/puma2k/>)

Disaggregated PUMS Documentation (University of Michigan):

Table of Contents

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsintr.pdf>

Chapter 1: Abstract

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums1.pdf>

Chapter 2: Introduction

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums2.pdf>

Chapter 3: How to Use This File

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums3.pdf>

Chapter 4: Accuracy of the Microdata Sample Estimates

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums4.pdf>

Chapter 5: Sample Design and Estimation

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums5.pdf>

Chapter 6: Data Dictionary (1-Percent)

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums6.pdf>

Chapter 7: Data Dictionary (5-Percent)

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums7.pdf>

Chapter 8: User Updates

<http://www.lib.umich.edu/govdocs/census2/pums2000/pums8.pdf>

Appendix A: Geographic Terms and Concepts

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsa.pdf>

Appendix B: Definitions of Subject Characteristics

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsb.pdf>

Appendix C: Data Collection and Processing Procedures

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsc.pdf>

Appendix D: Questionnaire

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsd.pdf>

Appendix E: Data Products and User Assistance

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumse.pdf>

Appendix F: Maps

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsf.pdf>

Appendix G: Code Lists

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsg.pdf>

Appendix H: Topcoded Variables and Corresponding State Means for Values above the Topcode for the Housing Record and Person Record

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsh.pdf>

Appendix I: Total Unweighted and Weighted Population and Housing Counts

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsi.pdf>

Appendix J: Equivalency Counts

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsj.pdf>

Appendix K: Relationship between Super-PUMAs of Migration (MIGPUMA1) and Super-PUMAs (PUMA1)

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsk.pdf>

Appendix L: Relationship between Super-PUMAs of Place of Work (POWPUMA1) and Super-PUMAs (PUMA1)

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsl.pdf>

Appendix M: Relationship between PUMAs of Migration (MIGPUMA5) and PUMAs (PUMA5)

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsm.pdf>

Appendix N: Relationship between PUMAs of Place of Work (POWPUMA5) and PUMAs (PUMA5)

<http://www.lib.umich.edu/govdocs/census2/pums2000/pumsn.pdf>

Michigan Place to PUMA

<http://www.lib.umich.edu/govdocs/census2/plpuma00.txt>

Michigan PUMA to Place

<http://www.lib.umich.edu/govdocs/census2/pumapl00.txt>

Michigan County to PUMA

<http://www.lib.umich.edu/govdocs/census2/cpuma00.txt>

Michigan PUMA to County

<http://www.lib.umich.edu/govdocs/census2/pumac00.txt>

American Samoa Summary File (Census Bureau)

<http://www.census.gov/prod/cen2000/doc/sfas.pdf>

Commonwealth of the Northern Mariana Islands Summary File

<http://www.census.gov/prod/cen2000/doc/sfcnmi.pdf>

Guam Summary File

<http://www.census.gov/prod/cen2000/doc/sfguam.pdf>

United States Virgin Islands Summary File

<http://www.census.gov/prod/cen2000/doc/sfvi.pdf>

Code Lists:

Ancestry (60K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg1.pdf>

Ancestry in Summary File 4: <http://www.lib.umich.edu/govdocs/census2/sf4race.pdf>

Federal Information Processing Standards Codes

<http://www.census.gov/geo/www/fips/fips.html>

Geographic codes for states, counties, places, and Congressional Districts.

Group Quarters (56K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg2.pdf>

Hispanic (26K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg3.pdf>

Industry and Occupation Classification System

<http://www.census.gov/hhes/www/ioindex.html>

Census Bureau Technical Documentation for Summary File 3 also has Industry [<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg4.pdf>] and occupation [<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg6.pdf>] codes.

Language (50K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg5.pdf>

Metropolitan Area Definitions:

<http://www.census.gov/population/www/estimates/pastmetro.html>

Spreadsheet with 1990 and 2000 MSA Codes:

<http://www.lib.umich.edu/govdocs/census2/90-20msa.xls>

Race (115K)

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg7.pdf>

Race in Summary File 2: <http://www.lib.umich.edu/govdocs/census2/sf2.htm>

Race in Summary File 4: <http://www.lib.umich.edu/census2/sf4race.pdf>

States and Foreign Countries

<http://www.lib.umich.edu/govdocs/census2/sf3td/sf3tdg8.pdf>

Urbanized Areas (Federal Register, May 1, 2002)

<http://www.lib.umich.edu/govdocs/census2/ua2000.pdf>

Comparison of Census 2000 Delivery Vehicles:**Factfinder v. DVD v. Geolytics (University of Michigan)**

<http://www.lib.umich.edu/govdocs/compcon.html>

Citing Census Publications**Suggested Citation Styles for Internet Information (Census Bureau)**

<http://www.lib.umich.edu/govdocs/compcon.html>

U.S. Census Bureau; 2000 Census of Population and Housing, Summary File 3;" generated by Grace York; using Geolytics CensusCD 2000 Long Form SF3; <<http://www.lib.umich.edu/citrix/cens00.html>>; (27 October 2003).

HISTORICAL CENSUSES

Census History:

Measuring America: The Decennial Censuses From 1790 to 2000.

<http://www.census.gov/prod/2002pubs/p0102-ma.pdf>

Census questionnaires, instructions to census takers, definition changes. Also in paper: Doc. Cen. HA 37 .U55 M3761 2002

Questionnaires:

Population and Housing Items on the General Schedule: 1790-2000 (UMich)

<http://www.lib.umich.edu/govdocs/census2/censubj.pdf>

1790, 1840-2000 (Measuring America)

<http://www.census.gov/prod/2002pubs/p0102-ma.pdf>

1800 (University of Michigan)

<http://www.lib.umich.edu/govdocs/pdf/1800cq.pdf>

1810 (University of Michigan)

<http://www.lib.umich.edu/govdocs/pdf/1810cq.pdf>

1820 (University of Michigan)

<http://www.lib.umich.edu/govdocs/pdf/1820cq.pdf>

1830 (University of Michigan)

<http://www.lib.umich.edu/govdocs/pdf/1830cq.pdf>

Geography:

Metropolitan Area Definitions, 1950-2000

<http://www.census.gov/population/www/estimates/pastmetro.html>

Preliminary Inventory of the Cartographic Records of the Bureau of the Census (Record Group 29), National Archives P.I. 103

Graduate Library: CD 3026 .A2, No. 103

Lists extant maps of Enumeration Districts, 1880-1940

Ann Arbor and Detroit Historic Neighborhood Data

<http://www.lib.umich.edu/govdocs/census2/cenmaps.xls>

Table listing readily available election ward maps and data for Detroit and Ann Arbor, 1860-1930, and block/tract maps and data, 1940-2000.

Census Tract Boundary File Availability, 1910-1980.

<http://www.nhgis.org/nhgis-files/tract%20availability.pdf>

Table by state and county listing census tract boundary files available through the National Historic Geographic Information System. The 1910-1930 information is unpublished. The table should accurately reflect data in printed census volumes, 1940-1980. The entire nation was tracted beginning in 1990.

Census Blocks by City, 1940-1980.

<http://www.lib.umich.edu/govdocs/hiscen/bloc4080.xls>

List of cities with printed census block statistics. Beginning 1990 the entire nation was blocked.

Social Explorer

<http://sociaexplorer.com/pub/maps/home.aspx>

Data base of Census tracts for every ten years since 1940 with population variables expressed as a percentage. Choose year and then variable. Zooming into an area reveals more detail, including tract number and street name. Sponsored by the National Science Foundation and New York Times.

Bibliographies

Census Index, 1790-1990.

<http://library.osu.edu/sites/reference/govdocs/census/aboutci.htm>

Indexes all census printed publications appearing in historic Census Bureau catalogs by term, title, abstract, decade, type of publication, SUDOCs number, Library of Congress call number, and Dubester Catalog number.

Decennial Census Information at Columbia University Libraries.

<http://www.columbia.edu/cu/lweb/indiv/usgd/census/index.html>

For each individual Census year lists paper and printed reports; IPUMS, Historical Census Browser, and web links; reference tools; census schedules.

Measuring America: The Decennial Censuses From 1790 to 2000.

<http://www.census.gov/prod/2002pubs/pol02-ma.pdf> (Doc. Cen. HA 37 .U55 M3761 2000)

Includes methodology and Census questionnaires.

Population and housing inquiries in U.S. decennial censuses, 1790-

1970. United States. Bureau of the Census. [Washington] U.S. Dept. of Commerce, Social and Economic Statistics Administration, Bureau of the Census [1973]. 179 p. (Census Bureau Working Paper No. 39) C 3.229: 39 (Doc. Cen. HA 203 .A244 no.39)

Population information in nineteenth century census volumes

by Suzanne Schulze. Phoenix, AZ : Oryx Press, 1983. 446 p.
(Doc. Cen. Z7164.D3 S441 1983)

Population information in twentieth century census volumes, 1900-1940

by Suzanne Schulze. Phoenix, AZ : Oryx Press, 1985. 274 p.
(Doc. Cen. Z7164.D3 S451 1985)

Population information in twentieth century census volumes, 1950-1980

by Suzanne Schulze. Phoenix, Ariz. : Oryx Press, 1988. 317 p.
(Doc. Cen. Z 7164 .D3 S452 1988)

Bureau of the Census catalog of publications, 1790-1972. United States. Bureau of the Census. Washington : U.S. Dept. of Commerce, Social and Economic Statistics Administration, Bureau of the Census : for sale by the Supt. of Docs., U.S. Govt. Print. Off., 1974. 591 p.
(Doc. Cen. Z 7554 .U5 U535 1974)

Bureau of the Census catalog, 1964-84. United States. Bureau of the Census. [Washington, For sale by the Supt. of Docs., U.S Govt. Print. Off.]
(Doc. Cen. Z 7553 .C3 U482)

Census catalog and guide, 1985- United States Bureau of the Census. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O. Electronic Access: Online version: <http://www.census.gov/prod/www/abs/catalogs.html>
(Doc. Cen. Z 7553 .C3 U482)

Data Sources:

**Historical Census Publications: Electronic Versions at the
University of Michigan Library**

<http://www.lib.umich.edu/govdocs/hiscenpub.html>

Table shows geographic coverage of the National Geographic Historic Information System, Virginia Historical Census Browser, CDs, American Factfinder, and IPUMS, as well as paper copy, 1790-2000. Michigan places are shown as examples. Links are being made to a complete inventory of the University of Michigan's Census holdings in all format.

MICHIGAN

Ann Arbor and Detroit Historic Neighborhood Data

<http://www.lib.umich.edu/govdocs/census2/cenmaps.xls>

Table listing readily available election ward maps and data for Detroit and Ann Arbor, 1860-1930, and block/tract maps and data, 1940-2000.

Michigan State, County, City and Minor Civil Division Population Counts, 1800-2000

<http://www.lib.umich.edu/govdocs/pdf/hiscenmi.pdf>

Compilation of Census Bureau pdfs for various years that provide overall data on the population of the state, counties, townships, villages, and cities. Cites sources.

NATIONAL

Census of Population and Housing, 1790-2000

Graduate Library: HA 201

The printed Census books beginning with 1790 provide the most complete account of Census data easily available for all geographies. See Documents Center staff for assistance. Most have been digitized and are available beginning 1790 in pdf format from

<http://www.census.gov/prod/www/abs/decennial/index.htm>

National Historical Geographic Information System 1790-2000

<http://www.nhgis.org/>

Extract statistical tables from all files years. Consistently covers the national, state and county level but may include unpublished as well as published tract data, block data, and election wards, depending on the year. For 1990 includes Summary Files 1-4 (only SF 1 and 3 on Factfinder) Free but requires registration.

United States Historical Census Browser (1790-1960)

Guide: <http://www.lib.umich.edu/govdocs/census2/excel/hisbrow.pdf>

Database: <http://fisher.lib.virginia.edu/collections/stats/hiscensus/>

Provides SELECTED tables for the United States, States, and Counties. Much more additional information available in the paper copy.

Selected Historical Decennial Census Population and Housing Unit Counts, 1790-1990 (HTML)

<http://www.census.gov/population/www/censusdata/hiscendata.html>

Also includes some historical counts on foreign born, home ownership and Poverty. Data for the US, regions, states, American Indian areas, and metropolitan areas.

Historical Statistics of the United States, Colonial Times to 1970

<http://www2.census.gov/prod2/statcomp/index.htm>

Free web version of national and state statistics.

Historical Statistics of the United States, Colonial Times to 1998.

<http://hsus.cambridge.org/HSUSWeb/>

Cambridge version extends subject and geographic coverage of the original.
Available on the University of Michigan campus and through the remote server.

Integrated Public Use Microdata Series (1850-2000)

<http://www.ipums.umn.edu/>

Microdata for 1850-80, 1900-20, and 1940-2000 permits users to create their own tables.

**Inter-University Consortium for Political and Social Research
(1790-2000) (ftp)**

<http://www.icpsr.umich.edu/access/subject.html#I>

Statistical Abstract of the United States, 1878-

<http://www.census.gov/compendia/statab/>

Annual compilation of government and non-government population, social, and economic characteristics. Most volumes, 1878 to present, are available on web in pdf format.

Geolytics CD-ROMS (1970-2000)

<http://www.geolytics.com> (product description from vendor)

1970	Doc. Cen. Do163 (Docs LAN)
1980	Map Library (Docs LAN)
1990	Doc. Cen. Do114 (Docs LAN)
2000	Docs LAN (SF Short and Long Forms)
1970-2000	Neighborhood Change Database (Doc. CD Do239)

CD-ROM Titles for Sale by the Census Bureau, 1980-1990

<http://www.census.gov/mp/www/DCUC.html>

1990 Data:

American Factfinder (Summary Files 1 and 3 only; no block numbering on maps)

<http://factfinder.census.gov/>

Census CD-ROM Lookup (Summary Files 1 and 3 only)

<http://venus.census.gov/cdrom/lookup/>
<http://goldrush.berkeley.edu/GovData/info/>

Census of Population and Housing Printed Reports

Graduate Library Stacks: HA 202 .1990

PDF Copies of All Reports (Except Census Tracts):

<http://www.census.gov/prod/www/abs/decenial.html>

Census Subject Summary Tape Files

Description (University of Minnesota)

<http://govpubs.lib.umn.edu/census/90censusCD.phtml>

SSTF 1: Foreign Born

<http://goldrush.berkeley.edu/GovData/info/SSTF1/>

SSTF 2: Ancestry

<http://goldrush.berkeley.edu/GovData/info/SSTF2/>

SSTF 3: Hispanic

<http://goldrush.berkeley.edu/GovData/info/SSTF3/>

SSTF 5: Asian

<http://goldrush.berkeley.edu/GovData/info/SSTF5/>

CD-ROMS of All Files Located on Documents Center LAN

PL94-171

<http://censtats.census.gov/pl94/pl94.shtml>

Public Use Microdata Samples: Midwestern States

<http://nds.umdl.umich.edu/n/nds/>

Demographic Profile Generator

<http://mcdc2.missouri.edu/websas/xtabs3v2.html>

Geography and Maps:

American Factfinder

<http://factfinder.census.gov/>

Reference maps to the block group level.

Printed Maps in Documents Center

Paper tract maps for Michigan

Paper block group maps for Michigan

Paper block maps for Wayne and Washtenaw Counties

Microfiche tract maps for the nation (American Statistics Index 1993 2551-10)

Mable/Geocorr Geographic Correspondence Engine

<http://www.oseda.missouri.edu/sedac-2.2/geocorr/index.html>

Tract/BNA Outline Maps: 1990 (Recreated)
Documents Center DVD-ROM Do15

Current Population Reports:

Current Population Reports and Other Population Reports Index (Ohio State)
<http://www.lib.ohio-state.edu/refweb/govdocs/CPR/CPRindex.htm>

Population Characteristics: P-20
<http://www.census.gov/ftp/pub/population/www/HA195.A39> with current in Documents Center

Special Studies: P-23
<http://www.census.gov/ftp/pub/population/www/HA203.A223> with current in Documents Center

Population Estimates and Projections: P-25
<http://www.census.gov/ftp/pub/population/www/HA195.A42> with current in Documents Center

Consumer Income: P-60
<http://www.census.gov/ftp/pub/hhes/www/index.html>
HC110.I5 A34 with current in Documents Center

Survey of Income and Program Participation: P-70
<http://www.census.gov/ftp/pub/hhes/www/index.html>
HA203.A219 with current in Documents Center

GETTING HELP

University of Michigan:

DOCUMENTS CENTER, 203 Harlan Hatcher Graduate Library North
<http://www.lib.umich.edu/govdocs/> (734-764-0410) govdocs@umich.edu

Collects all Census printed reports and CD-ROMs for all 50 states. Houses a large collection of other U.S. and international statistics, including censuses from around the world and microfiche of the federal, state, business, and international publications found in Statistical Universe (<http://web.lexis-nexis.com/statuniv/>) [UMich Only] Serves as a State Data Center affiliate for Washtenaw County. Provides campus-wide seminars on Census data and workshops for individual classes.

NUMERIC AND SPATIAL DATA SERVICES, 203 Hatcher Graduate Library North

<http://www.lib.umich.edu/nsds/> (734-615-7419) nsds@umich.edu

Identifies sources of numeric (untabulated) data and assists University of Michigan users with access to ICPSR and other data sets. Provides campus-wide seminars and workshops for individual classes.

MAP LIBRARY, 825 Hatcher Graduate Library South.

<http://www.lib.umich.edu/maplib/> (734) 764-0407 karleric@umich.edu

Experts in ARCVIEW and other computerized mapping programs, that permit users to create Census maps and combine other data sets. Provides campus-wide seminars and workshops for individual classes.

POPULATION STUDIES CENTER, 426 Thompson Street

<http://www.psc.isr.umich.edu/dis/data/> (734) 763-1543 psc-dads@umich.edu

Assists University of Michigan users with standard software problems and the interpretation of data.

CENTER FOR STATISTICAL CONSULTATION AND RESEARCH, 3550 Rackham

<http://www.umich.edu/~cscar/> (734) 764-STAT cscar@umich.edu

Assistance with manipulating statistical packages.

UM RESOURCES FOR QUANTITATIVE AND SPATIAL RESEARCH

http://www.lib.umich.edu/nsds/campus_resources/related.html

Collections, services, and any costs for eleven specialized units providing worldwide demographic, economic, and business data on the campus.

State of Michigan:

CENSUS INFORMATION CENTER, HAMTRACK

<http://www.piastinstitute.org/> (313) 664-0321

Mr. Dominik Stecula, cic@piastinstitute.org

Assists local community with census preparations and understanding data uses.

CENSUS BUREAU, DETROIT REGIONAL OFFICE

<http://www.census.gov/rodet/www/> (313) 259-0056

Ask the Expert: detroit.isp@ccmail.census.gov.

Provides the latest information on data release, interprets the data, and conducts workshops.

MICHIGAN INFORMATION CENTER,

<http://www.michigan.gov/census/> (517) 373-7910 kdarga@michigan.gov

Coordinates Census data dissemination for the State of Michigan, estimates and projects state population on an annual basis, and serves as the lead agency for the Census Bureau's State Data Center Program. Provides workshops.

MICHIGAN METROPOLITAN INFORMATION CENTER, Center for Urban Studies, Wayne State University

<http://www.cus.wayne.edu/default.asp> (313) 577-8996

Official tape processing center for Southeast Michigan.

SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS

<http://www.semCog.org/> (313) 961-4266 rogers@semCog.org

Specializes in Census and locally-produced data for the Detroit- Ann Arbor Consolidated Metropolitan Statistical Area.

STATE DATA CENTER LOCAL AFFILIATES

<http://www.michigan.gov/hal/0,1607,%207-160-15479-53348--,00.html>

Contact information for planning commissions, libraries, and agencies in each region of the state who will assist you with census questions.

WASHTENAW COUNTY METROPOLITAN PLANNING COMMISSION

http://www.ewashtenaw.org/government/departments/planning_environment/index_html
(734) 994-2435 brinkmat@ewashtenaw.org

Collects all reports for Washtenaw County and disseminates related non-census information. A local affiliate of the State Data Center program.

Nationally:

CENSUS 2000 DATA PRODUCTS TECHNICAL SUPPORT

<http://www.census.gov/support/cen2000.html>

Provides technical advise on using internet, CD/DVD/ and FTP products. Chat reference available 10-Noon, and 2-4 p.m. EST on weekdays.

CENSUS BUREAU TELEPHONE CONTACTS BY SUBJECT AREA

<http://www.census.gov/contacts/www/contacts.html>

FEDERAL DEPOSITORY LIBRARIES

<http://www.gpoaccess.gov/libraries.html>

**INTER-UNIVERSITY CONSORTIUM FOR POLITICAL AND
SOCIAL RESEARCH**

<http://www.icpsr.umich.edu/> (734) 998-9799 peterg@icpsr.umich.edu

Collects digital format of Censuses for all 50 states. Makes the raw data and codebooks available via FTP to its world-wide affiliates. Its Census 2000 web page provides examples of codebooks and an explanation of data set use.

STATE DATA CENTERS

<http://www.census.gov/sdc/www/>

Documents Center, University of Michigan Graduate Library

203 Hatcher Library

govdocs@umich.edu

(734) 764-0410

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<http://www.lib.umich.edu/govdocs/census2/centool.pdf>