United States Census Bureau

South Dakota State University

South Dakota Census Data Center

Shortcuts Through Missouri

South Dakota State
Demography Conference
June 1

The Missouri Shortcuts

- Missouri's State Census Data Center is special – John Blodgett, it's director has done wonders in making data easier to access, use and demonstrate

- http://mcdc.missouri.edu/ (home page)

Census 2010 Profiles Menu

The U.S. Census Bureau's 2010 Summary File 1 (SF1) contains data from the 2010 decennial census. This data is collected via the so-called "short form", which all residents must complete by law. SF3 (the "long form") has been replaced by the American Community Survey (ACS); MCDC offers separate applications for browsing ACS data.

Usage notes

- Use the form to select up to four geographic areas. Areas include all locations and types (states, counties, etc.) available for the Census 2010 SF1.
- For small area types, additional "Filter by state" and "Filter by county" selectors will help find the desired area.
- You may select areas of different types to display in the report. The final report may contain areas of any type or a mix of area types. Click the "remove" icon (✖) next to a selected area to remove it from the list.
- Additional tips are available by clicking the help icons (?) on the form.

Select area type:

[choose one]

[Sample Census 2010 profile report]

Citation: Missouri Census Data Center. (2014). *Census 2010 Profiles* [dataset application]. Available from http://mcdc.missouri.edu/census2010/menu.php.

Link to this page: http://mcdc.missouri.edu/census2010/menu.php.

Generated: Mon, 19 May 2014 09:32:20 -0500.

Application created by the Office of Social and Economic Data Analysis (OSEDA), University of Missouri Extension, under contract with the Missouri Census Data Center (MCDC). Questions or comments regarding this page or site may be sent to Glenn Rice, OSEDA, 232 Heinkel Building, Columbia, MO 65211.

http://mcdc1.missouri.edu/sf1_2010/sf1_2010_menu.html

- This links you with their 2010 Census Data
  - Data can be extracted quickly in many formats
  - By zipcode and school district as well as the many more typical forms.
  - Your exercise – click on the above link, and, using 2009-2011 data, generate a report for your home zipcode and your city (place). Compare the data in these reports with the information you obtained from the 2010 Census assignment. Save both reports, and email them, with notes on the discrepancies, to michael.mccurry@sdstate.edu if you are enrolled for university credit, or set it in the proper drop box on D2L.

Missouri Census Data Center

Circular Area Profiles (CAPS) - Version 10C

Rev. 4-24-14

This application will aggregate **2010 Census data** to approximate circular areas as specified by the user using a point location and 1 or more radius values. Data used are from the SF1 files, the stand
the notes page for more details.

Looking for data regarding income, poverty, education, etc? See our classic CAPS application that works with data from the 2000 census (it's old data but it has many more data items). Or, for more current data from the American C
latest edition of this application: CAPS - ACS Version.

(Click here to use google maps to specify Lat/Long or see **Usage Notes** for links to web sites where you can
Enter coordinates for the site in decimal degrees: latitude-longitude coordinates.)

Latitude: (or, enter 5-digit ZIP/ZCTA code)

Longitude (west assumed): (dd.mm.ss format may be used for minutes & seconds)

(Optional) Enter a name for your Site:

Enter up to 5 radius values, separated by blanks, in ascending order:

(Optional) Select one or more states and the program will limit its data search to just those states.

- Missouri
- Alabama
- Alaska

Select the geographic units to be aggregated:

- Let CAPS decide based on smallest radius.
- Blocks - for small radii, < 6 miles
- Block Groups - for medium radii, 6-30 miles
- Census Tracts - for radii (circles) >= 30 miles

Uncheck to *suppress* auxiliary report showing county pops within circle(s)

Check to see detailed geographic units within circle(s) report.

NEW!
Check to generate txt file with standard codes for all selected geographic areas used

http://mcdc.missouri.edu/websas/caps10c.html

- This links you with the Circular Area Profiling System – with this you can develop a report on an area centered on a post office, or geographic coordinates.

- Your exercise – click on the above link, and generate a report for your home zipcode, asking for data at 5, 10, 25 and 50 mile radius of your home zipcode. **Save the report, and email it to michael.mccurry@sd**state.edu if you are enrolled for university credit, or set it in the proper drop box on D2L. . (otherwise, proof of completion isn't necessary)

ACS Profiles Menu

The Missouri Census Data Center's ACS Profiles are summaries of the most frequently accessed data items from the U.S. Census Bureau's American Community Survey summary data products.

Usage notes

- Use the form to narrow your results to ACS *periods* and *areas*.
- **Periods** correspond to specific ACS data product releases. (Note that different period lengths offer different geographic availability and statistical reliability. In general, 1-year datasets are available for fewer areas and are less statistically reliable than the longer periods. Refer to the Census Bureau's ACS guidance page for more info.)
- **Areas** include all locations and types (states, counties, etc.) available for a given data period. For area types smaller than a state, an additional "Filter by state" selector will help find the desired area.
- You may select areas of different types to display in the profile report. The final report may contain up to four areas of any area type or a mix of area types. Click the "remove" icon (✖) next to a selected area to remove it from the list.
- Additional tips are available by clicking the help icons (?) on the form.

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1. Select period:

[choose one]

[Sample profile report] [Detailed usage notes] [Tutorial]

Citation: Missouri Census Data Center. (2014). *ACS Profiles* [dataset application]. Available from http://mcdc.missouri.edu/acs/profiles/menu.php.

Link to this page: http://mcdc.missouri.edu/acs/profiles/menu.php.

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http://mcdc1.missouri.edu/acsprofiles/acsprofilemenu.html

- This links you with the American Community Survey Data – while it is more extensive, and often more timely than the decennial census, the data has a larger margin of error.

- Your exercise –develop a report for your home zipcode and city (place) using 2009 -2011 data. Contrast this with the similar reports from the enumerated 2010 decennial Census. Note the potential for errors. **Email your observations to michael.mccurry@sd**state.edu if you are enrolled for university credit, or set it in the proper drop box on D2L. (otherwise, proof of completion isn't necessary)

Missouri Census Data Center

Population Estimates by Age - Census 2010 Version

With Detail by "Bridged" Race, Hispanic Origin and Gender
2000 and 2010 Census Counts & Bridged-race Estimates for U.S. States and Counties

Select state(s)

Missouri
Alabama
Alaska
Arizona
Arkansas
California
Colorado

Specify summary unit(s)

☑ State level summaries. ☑ County level summaries. (You will get data for all counties in the selected states).

Specify Age Detail

◉ 5-year cohorts (0 to 4, 5 to 9, ..., 85+)
○ 5 broad cohorts (0 to 17, 18 to 24, 25 to 44, 45 to 64, 65+)
○ Custom cohorts - specify:
(See the on-line help for instructions on how to code these cohorts.)

☐ Check here if you do NOT want to get summaries across all ages.

Select Year(s)

2000
2010

Note: All results will be as of April 1 for year specified. Only items involving race are estimates; the others are actual census counts.

Demographic Detail (variables)

Total Persons
Male
Female
White (this and all race categories are NCHS "bridged")
White Non-hispanic
Black or African American
American Indian, Eskimo or Aleut
Asian and Pacific Islander

http://mcdc.missouri.edu/websas/estimates_by_ageC.shtml

- This link will provide population data by the standard age cohorts

- Your exercise – extract data for all the counties in South Dakota, by sex. From the delimited file, extract the population data for Beadle County. **Email your Beadle County Data to michael.mccurry@sd**state.edu if you are enrolled for university credit. (otherwise, proof of completion isn't necessary)

Missouri Census Data Center

(Navigating to poptrend1 Dynamic web application)

Select a County

Select a County from the following list and click the GO button to invoke post-2000 pop trend report.

- Aurora County
- Beadle County
- Bennett County
- Bon Homme County
- Brookings County
- Brown County
- Brule County
- Buffalo County
- Butte County
- Campbell County
- Charles Mix County
- Clark County
- Clay County
- Codington County
- Corson County
- Custer County
- Davison County
- Day County
- Deuel County
- Dewey County
- Douglas County
- Edmunds County
- Fall River County
- Faulk County
- Grant County
- Gregory County
- Haakon County
- Hamlin County
- Hand County
- Hanson County

Go!

Missouri Census Data Center

Population Trend Report

Rev. 08-07-2013

This application generates demographic trend reports based on official estimates for user-chosen time periods spanning the period from 1990 to 2012

Usage notes | Sample Output | Video Showing How Sample Output Created

Choose a State or nation:

Missouri

Choose **one or more** counties (from state chosen at left):

- -Missouri Totals-
- -All Counties- (other county choices irrelevant)
- Adair MO
- Andrew MO
- Atchison MO
- Audrain MO
- Barry MO
- Barton MO
- Bates MO
- Benton MO
- Bollinger MO
- Boone MO

Choose **one or more** time periods for which you would like to see data:

- All available time periods
- 1990 to 2012
- 1990 to 2000
- 1990 to 1995
- 1995 to 2000
- 2000 to 2012
- 2000 to 2010
- 2000 to 2003
- 2003 to 2006
- 2006 to 2009
- 2009 to 2011
- 2010 to 2011
- 2011 to 2012
- 2010 to 2012

Choose **one or more** population categories for which you would like to see data:

- All available
- Total
- White
- White, non-Hispanic
- Black
- American Indian, etc.
- Asian or Pac Islander
- Hispanic
- Non-hispanic
- Aged 0 to 17
- Aged 18 to 24
- Aged 25 to 44
- Aged 45 to 64
- Aged 65 and older

Note: All race categories used in these reports are NCHS "bridged race" definitions.

Missouri Census Data Center

Population Trend Report

Rev. 08-07-2013

This application generates demographic trend reports based on official estimates for user-chosen time periods spanning the period from 1990 to 2012

Usage notes | Sample Output | Video Showing How Sample Output Created

Choose a State or nation:

South Dakota

Choose **one or more** counties (from state chosen at left):

- -South Dakota Totals-
- -All Counties- (other county choices irrelevant)
- Aurora SD
- Beadle SD
- Bennett SD
- Bon Homme SD
- Brookings SD
- Brown SD
- Brule SD
- Buffalo SD
- Butte SD
- Campbell SD

Choose **one or more** time periods for which you would like to see data:

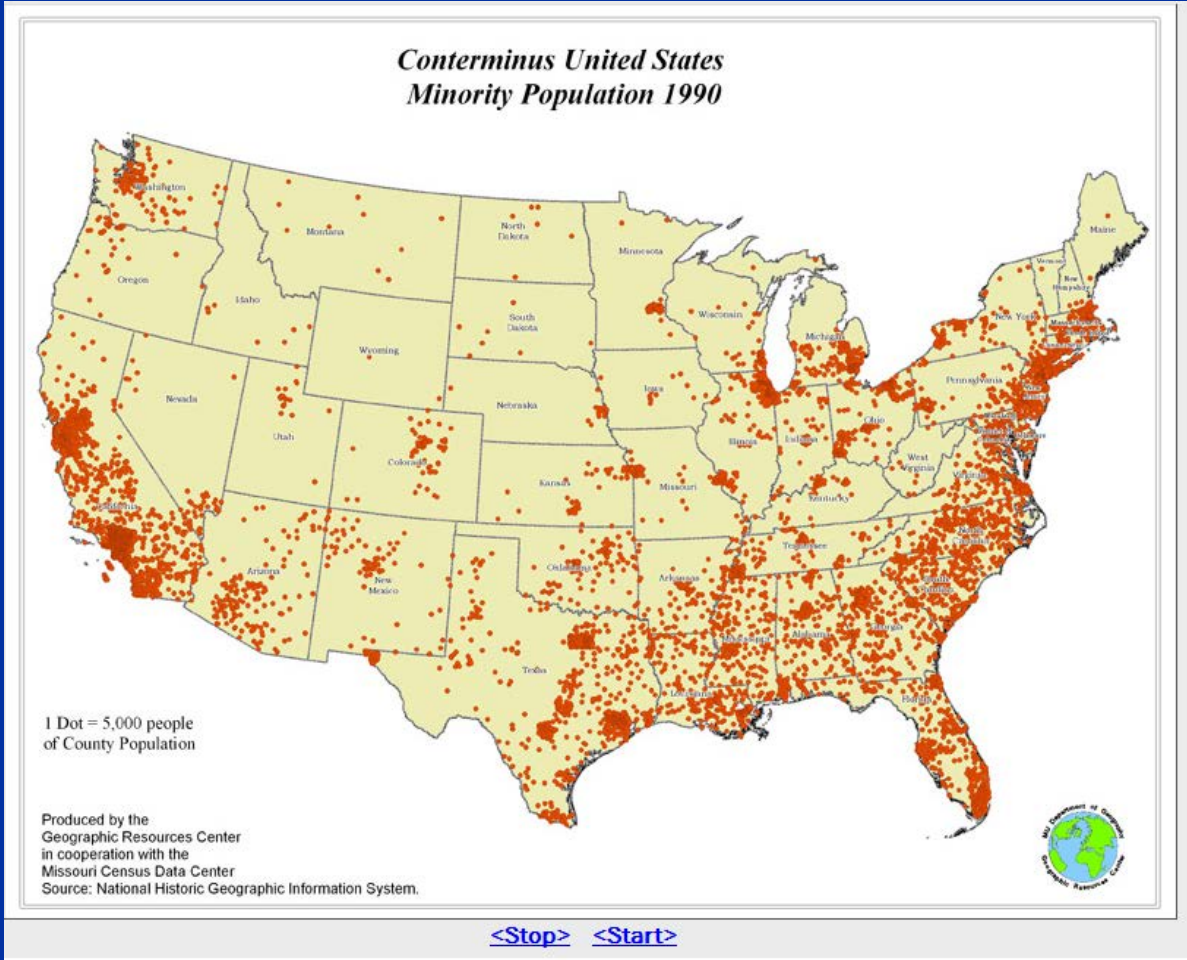
- All available time periods
- 1990 to 2012
- 1990 to 2000
- 1990 to 1995
- 1995 to 2000
- 2000 to 2012
- 2000 to 2010
- 2000 to 2003
- 2003 to 2006
- 2006 to 2009
- 2009 to 2011
- 2010 to 2011
- 2011 to 2012
- 2010 to 2012

Choose **one or more** population categories for which you would like to see data:

- All available
- Total
- White
- White, non-Hispanic
- Black
- American Indian, etc.
- Asian or Pac Islander
- Hispanic
- Non-hispanic
- Aged 0 to 17
- Aged 18 to 24
- Aged 25 to 44
- Aged 45 to 64
- Aged 65 and older

Note: All race categories used in these reports are NCHS "bridged race" definitions.

http://mcdc-maps.missouri.edu/minority1790-2010/index.html



Missouri Census Data Center

Rx A Cure for the Common Codes

2012 Version

- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- District of Columbia
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- **Missouri**
- Montana
- Nebraska
- New Jersey
- New Hampshire
- New Mexico
- New York
- Nevada
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Oregon
- Pennsylvania
- Rhode Island
- South Carolina

United States

Usage Notes

What and Why

Important notes regarding the 2012 version: This release is based (almost) entirely on the geography as used in reporting the 2010 census. We have replaced our 20
We have also added **2010 population counts** to the reports (in parentheses following the name of the area) and have updated the reference links to point to the new d
updating with the 2011 version. The big new thing in this 2012 release is the updating of the Urbanized Area and Urban Cluster information, which we had to wait for.

A Cure for the Common Codes is a collection of web pages - one page for each state in the U.S. and the District of Columbia - that display common *geographic codes*
readily available at various locations on the web, we think it will be very convenient to have a 1-stop site where they are all collected in one place and in a consistent,

- counties,
- places (cities),
- county subdivisions,
- various kinds of metropolitan/micropolitan areas,
- urban clusters and urbanized areas (now has the 2010 values as finally published in 2012).
- school districts.

Missouri Census Data Center

Rx A Cure for the Common Codes: South Dakota

Revised with 2010 Geography, Spring 2012

Access previous version

Counties	Places (cities)	Metropolitan and Micropolitan Statistical Areas (CBSAs)	
Urbanized Areas	Urban Clusters	School Districts (NCES)	County Subdivisions (MCDs)

All codes are ANSI (American National Standards Institute) unless otherwise specified. All population figures (in parens following area name) are from the 2010 census.

CCC home page

State code: 46 Postal Abbreviation: SD Application links

South Dakota Counties

46003 Aurora County (2,710)	46037 Day County (5,710)	46071 Jackson County (3,031)	46105 Perkins County (2,982)
46005 Beadle County (17,398)	46039 Deuel County (4,364)	46073 Jerauld County (2,071)	46107 Potter County (2,329)
46007 Bennett County (3,431)	46041 Dewey County (5,301)	46075 Jones County (1,006)	46109 Roberts County (10,149)
46009 Bon Homme County (7,070)	46043 Douglas County (3,002)	46077 Kingsbury County (5,148)	46111 Sanborn County (2,355)
46011 Brookings County (31,965)	46045 Edmunds County (4,071)	46079 Lake County (11,200)	46113 Shannon County (13,586)
46013 Brown County (36,531)	46047 Fall River County (7,094)	46081 Lawrence County (24,097)	46115 Spink County (6,415)
46015 Brule County (5,255)	46049 Faulk County (2,364)	46083 Lincoln County (44,828)	46117 Stanley County (2,966)
46017 Buffalo County (1,912)	46051 Grant County (7,356)	46085 Lyman County (3,755)	46119 Sully County (1,373)
46019 Butte County (10,110)	46053 Gregory County (4,271)	46087 McCook County (5,618)	46121 Todd County (9,612)
46021 Campbell County (1,466)	46055 Haakon County (1,937)	46089 McPherson County (2,459)	46123 Tripp County (5,644)
46023 Charles Mix County (9,129)	46057 Hamlin County (5,903)	46091 Marshall County (4,656)	46125 Turner County (8,347)
46025 Clark County (3,691)	46059 Hand County (3,431)	46093 Meade County (25,434)	46127 Union County (14,399)
46027 Clay County (13,864)	46061 Hanson County (3,331)	46095 Mellette County (2,048)	46129 Walworth County (5,438)
46029 Codington County (27,227)	46063 Harding County (1,255)	46097 Miner County (2,389)	46135 Yankton County (22,438)
46031 Corson County (4,050)	46065 Hughes County (17,022)	46099 Minnehaha County (169,468)	46137 Ziebach County (2,801)
46033 Custer County (8,216)	46067 Hutchinson County (7,343)	46101 Moody County (6,486)	
46035 Davison County (19,504)	46069 Hyde County (1,420)	46103 Pennington County (100,948)	

Data are as of 2010.

Data Source: /pub/data/pl/94-2010.uscounties Application links

South Dakota Places (Cities)

Population Estimates by Age

- http://mcdc.missouri.edu/websas/estimates_by_age.shtml

Missouri Census Data Center

Population Estimates by Age

Version 2, Rev. Oct. 27, 2012

2012 estimates added 5-1-13

With Detail by "Bridged" Race, Hispanic Origin and Gender

Spanning 3 decades starting with 1990 - for U. S. States and Counties

NOTE: This application now (10-27-12) uses intercensal estimates for years 2000 to 2009 as released by NCHS 10-26-12
The estimates for 2010 and later are the latest 2010 post-censal figures.

We also have a separate Census only version of this application that only does data for April 1 2000 and 2010.

Access On-line help for this application.

Select state(s)

Missouri
Alabama
Alaska
Arizona
Arkansas
California
Colorado

Specify summary unit(s)

☑ **State** level summaries. ☑ **County** level summaries. (You will get data for all counties in the selected states).

Specify Age Detail

◉ 5-year cohorts (0 to 4, 5 to 9, ..., 85+)
○ 5 broad cohorts (0 to 17, 18 to 24, 25 to 44, 45 to 64, 65+)
○ Custom cohorts - specify:
(See the on-line help for instructions on how to code these cohorts.)

☐ Check here if you do NOT want to get summaries across all ages.

Select Year(s)

2012
2011
2010
2009
2008
2007
2006

Note: All results will be July 1 estimates for year(s) specified, including 1990 and 2000.

Demographic Detail (variables)

Total Persons
Male
Female
White (this and all race categories are NCHS 'bridged')
White Non-Hispanic
Black or African American
American Indian, Eskimo or Aleut
Asian and Pacific Islander
Hispanic or latino
Not Hispanic or latino
Black Non-hispanic
American Indian etc, Non-hispanic
Asian and PI, Non-hispanic

Output Format(s)

☑ Comma-delimited ascii ('csv') ☐ HTML ☐ SAS dataset (Windows v9)

Run Request Reset Defaults

http://mcdc.missouri.edu/websas/estimates_by_age.shtml

Thanks

- This site is one of the most user-friendly sources of census data available

- I hope you will enjoy using it as much as I do