

State and Local Demographic Changes

With a Focus on Component and Geographic Changes

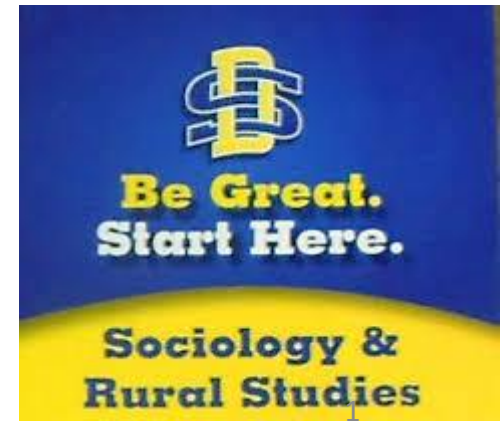
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Oct 13th 2017

SDC

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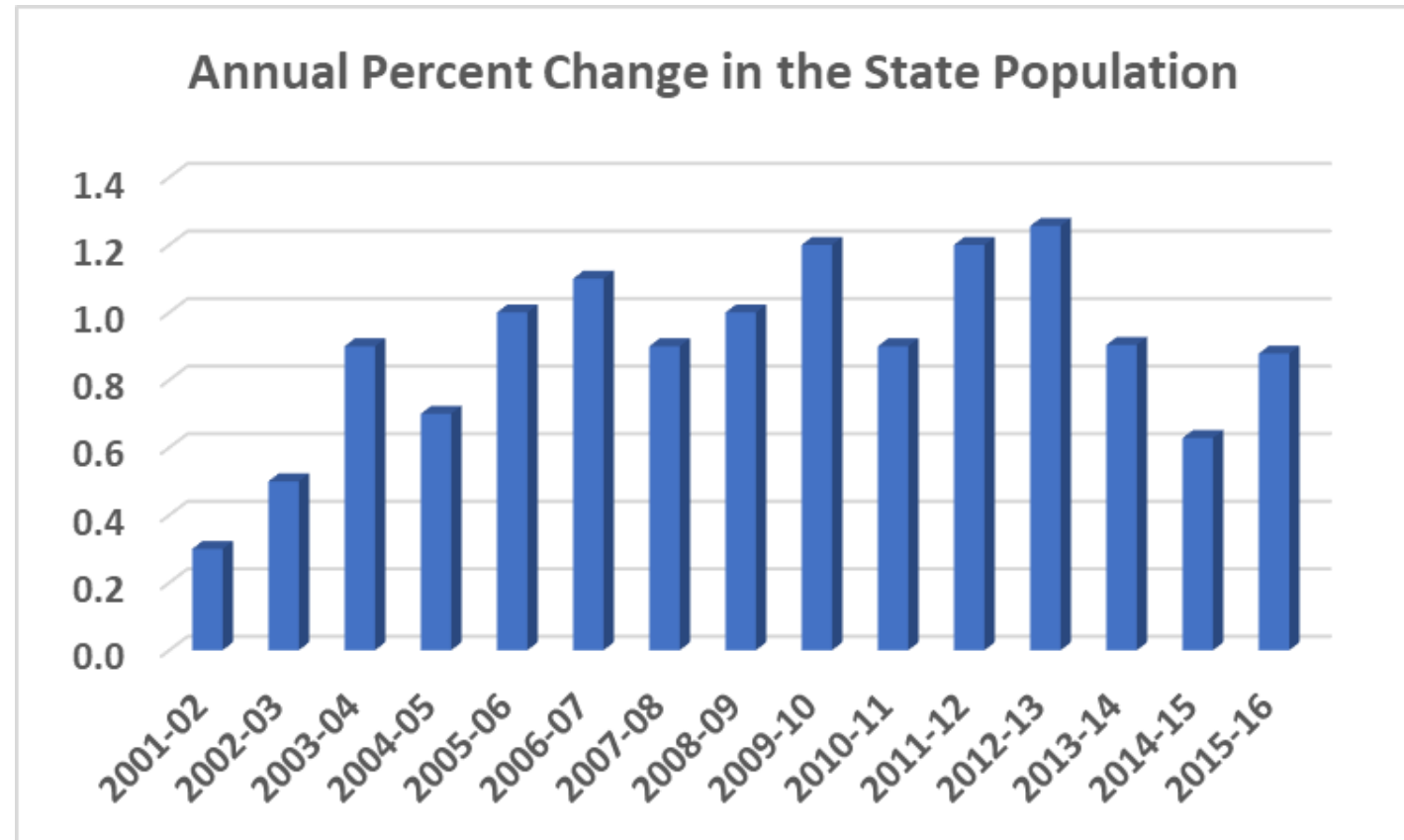


State/Local Population Summary

- According to the decennial censuses and annual population estimates, the state population had a steady growth in the past two decades.
 - The 2016 population estimate (as of July 1st 2016) was 865,454 (6.3% increase from the 2010 Census population).
- The state population is becoming more concentrated in its most populous counties.
 - Of the 100 fastest growing U.S. counties with 10,000 or More Population in 2010 between 2010 and 2016, Lincoln County (21.5%) and Lake County (15.3%) ranked 19th and 53rd, respectively.
- The primary source of population growth between 2010 and 2016 is natural increase (births minus deaths) (59% of the growth).
 - In 2016, South Dakota ranked 1st in total fertility rate (number of births per woman aged 15 to 50); the rate was 2.45 (the U.S. rate was 1.83; “Replacement level fertility”=2.1).

State Population Count

- The 2010 Census reported South Dakota had a population count of 814,180 persons, an increase of 59,336 from the 2000 count.
- Between 2010 and 2016, the state had an increase of 51,274 people (6.3% increase; ranked 15th in percent change).
- The state population grew steadily in the past 15 years (annual percent change ranged from 0.3 to 1.3).

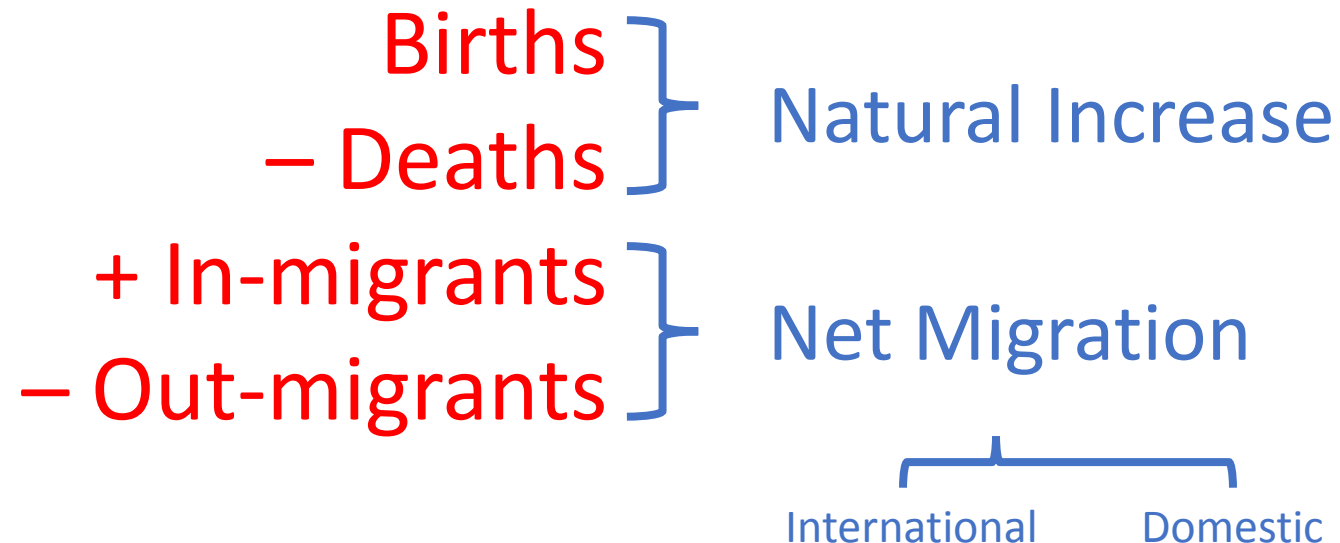


Comparing to other states (2001-2012)

The screenshot shows the U.S. Census Bureau website. At the top left is the logo for the United States Census Bureau. To the right of the logo is a search bar with the text "Search". Below the search bar is a navigation menu with the following items: Topics (Population, Economy), Geography (Maps, Products), Library (Infographics, Publications), Data (Tools, Developers), Surveys/Programs (Respond, Survey Data), Newsroom (News, Blogs), and About Us (Our Research). Below the navigation menu is a breadcrumb trail: [Census.gov](#) > [Library](#) > [Infographics & Visualizations](#) > [2013](#) > [A Decade of State Population Change](#). The main heading is "Library" in large blue font. Below the heading are two links: "<< Previous" and "Return to Infographics & Visualizations". The main content area features the title "A Decade of State Population Change" in large blue font, with the date "January 10, 2013" below it. Below the title is a large infographic. The infographic shows a map of the United States with a bar chart overlaid on each state. The bars are colored based on the annual percentage change in population from 2001 to 2012. A legend on the right side of the infographic explains the color coding: "Growth" is indicated by red/orange hues, and "Decline" is indicated by blue hues. The text "Click on a state graph to see more detail. Red hues indicate growth, blue hues indicate decline." is displayed above the legend. At the bottom of the infographic is a horizontal scrollbar. Below the infographic is a source link: "Source: <https://www.census.gov/dataviz/visualizations/043/>". To the right of the source link are links for "Web Viewer Terms", "Privacy & Cookies", and an "Edit" button.

Population Change by Component: Birth, Death, and Migration

Population change =



Components of Population Change: between 2010 and 2016

- Of an increase of 51,000+ people, about 59 percent was attributed to natural increase and 41 percent were net migration.
 - About 45 percent of the 21,000+ people who moved into South Dakota between 2010 and 2016 were international migrants.
 - Note: The domestic migration group may also include foreign born people.

Component Change by Sub-State Geography

- The primary source of population change is substantially different across counties.
- Let's look at an interactive map showing County Population Growth Between 2012 and 2013 and the primary source in each county.
- <https://storymaps.esri.com/stories/2014/census-county-population-change/>

Insert Web Page

This app allows you to insert secure web pages starting with `https://` into the slide deck. Non-secure web pages are not supported for security reasons.

Please enter the URL below.

`https://`

Note: Many popular websites allow secure access. Please click on the preview button to ensure the web page is accessible.

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Source: <https://storymaps.esri.com/stories/2014/census-county-population-change/>

To Understand Population Composition/Structure

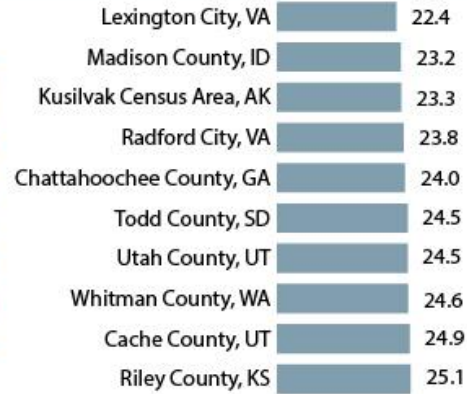
- Population change (either decline or growth) caused by different primary sources will gradually change the population composition.
 - The composition may be defined by age, gender, race, nativity, and so on.
 - For example: population growth in the reservation counties was primarily driven by natural increase (more birth than death) while the net migration was negative in some cases.
 - Can you think of the impact of this fact on population structure?

Oldest and Youngest Counties

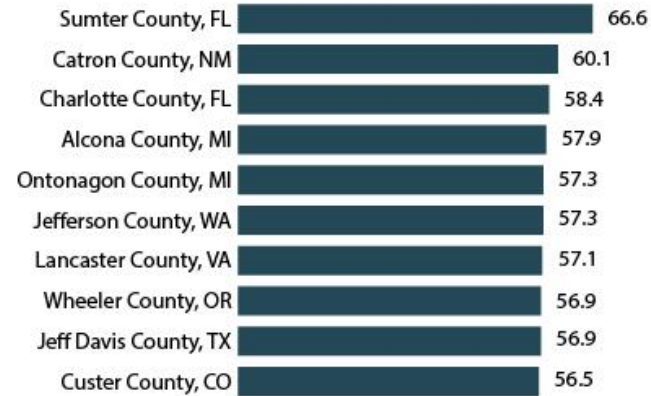
The Ten U.S. Counties With the Highest and Lowest Median Ages in 2015



YOUNGEST



OLDEST



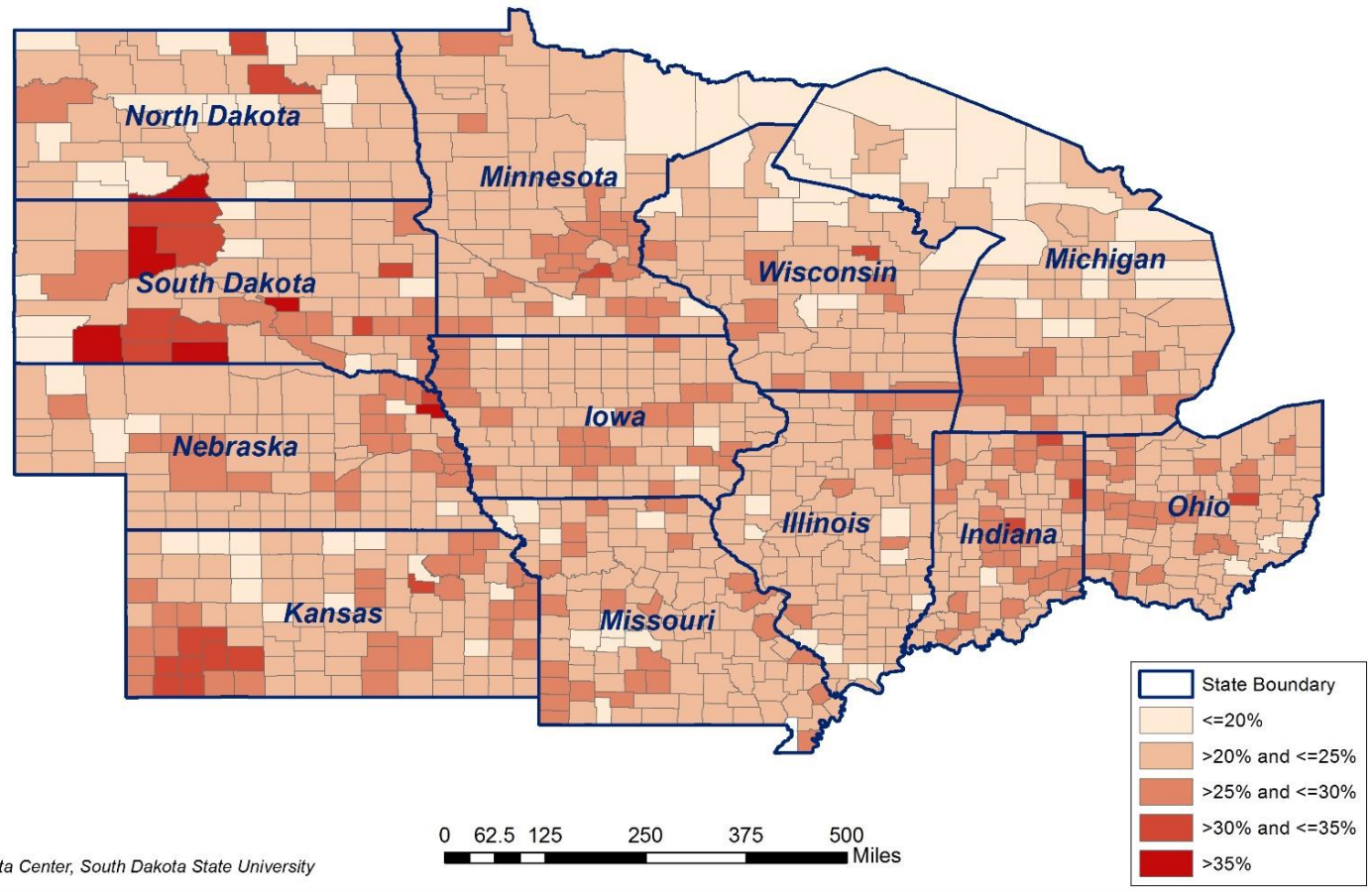
Note: Only counties with a population of 1,000 or more are included in this graphic.

United States
Census
Bureau

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
[census.gov](https://www.census.gov)

Source: Vintage 2015 Population Estimates

**DISTRIBUTION OF YOUTH POPULATION AS A SHARE OF THE COUNTY POPULATION
ACROSS THE GEOGRAPHY OF 12 STATES**



By State Data Center, South Dakota State University

0 62.5 125 250 375 500 Miles

Source: U.S. Census Bureau, 2009-2013 5-year ACS estimates.

Prepared by State Data Center

5th Demography Conference, Pierre

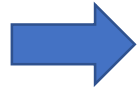
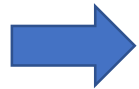
Race/Ethnicity Composition of the State Population

Race/Ethnicity	2000	2010	2015*
Population of One Race:			
White	88.7%	85.9%	82.8%
Black	0.6%	1.3%	1.5%
American Indian and Alaska Native	8.3%	8.8%	7.9%
Asian	0.6%	0.9%	1.4%
Hispanic	1.4%	2.7%	3.5%
Total Population	754,844	814,180	858,469

Data Source: U.S. Census Bureau, Decennial Census 2000 and 2010, 2015 1-Year American Community Survey.

**: Estimates with Margin of Error*

Children Population in South Dakota (under 18 years)



Race/Ethnicity	2015*
Children of One Race	
White	76.3%
Black	2.2%
American Indian and Alaska Native	12.4%
Asian	1.5%
Hispanic	5.3%
Total	208,386

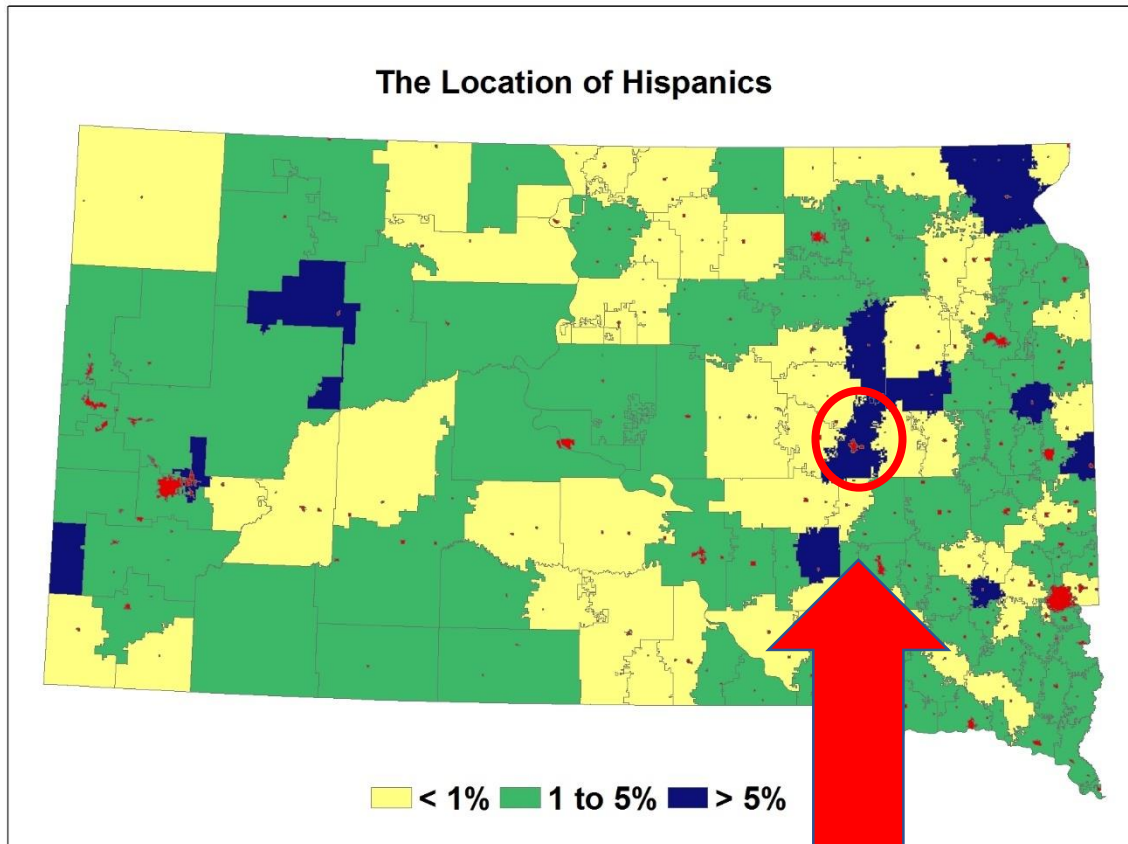
Data Source: U.S. Census Bureau, 2015 1-Year American Community Survey.

**: Estimates with Margin of Error*

Children population is getting more diverse.

	% Minority
Total Population	17.5
Population under 18	27.7
Population under 5	29.7

The Location of Hispanics in South Dakota by School District



Huron School District

Total =2,346 (in 2015-16)

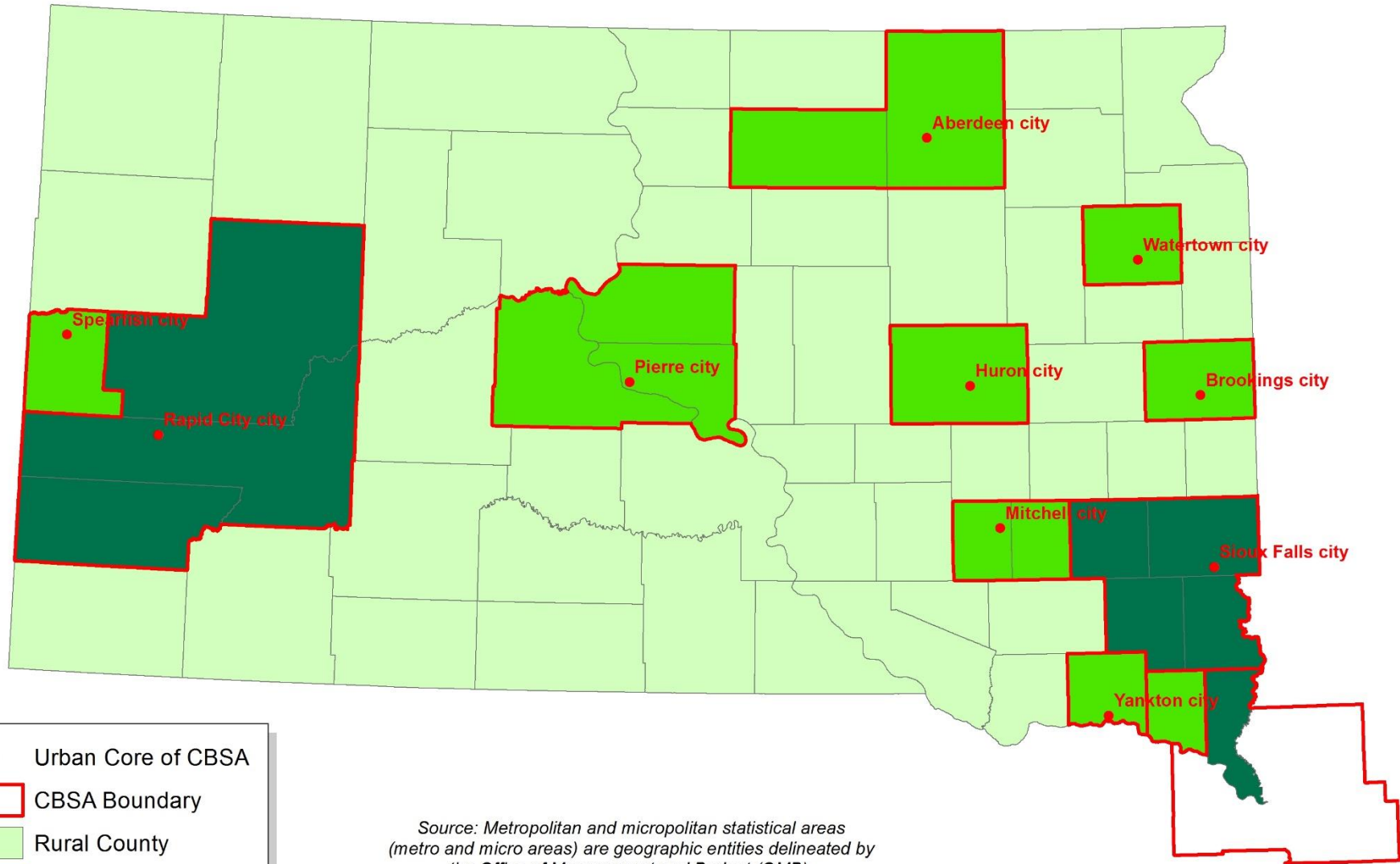
21.1% were Hispanic students; 22.8% were Asian students (in 2015-16)

Data Source: 2015 and 2014 Fall Enrollment Data, South Dakota Department of Education

Changes in Population Geography Distribution within the state

- Different types of geographies
 - County
 - County Based Statistical Area (CBSA): metropolitan counties and micropolitan counties
 - Metropolitan: Sioux Falls, SD, Rapid City, SD, and partially Sioux City, IA-NE-SD
 - contain at least one urbanized area of 50,000 population or more
 - Micropolitan: Spearfish, Vermillion, Watertown, Yankton, Pierre, Aberdeen, Mitchell, Huron, Brookings
 - areas with at least one urban cluster of at least 10,000 but less than 50,000 population
 - Places
 - Cities, towns, CDPs

Counties in South Dakota by Metropolitan and Micropolitan Classification



- Urban Core of CBSA
- CBSA Boundary
- Rural County
- Micropolitan County
- Metropolitan County

Source: Metropolitan and micropolitan statistical areas (metro and micro areas) are geographic entities delineated by the Office of Management and Budget (OMB). The term "Core Based Statistical Area" (CBSA) is a collective term for both metro and micro areas.

Prepared by State Data Center, South Dakota State University



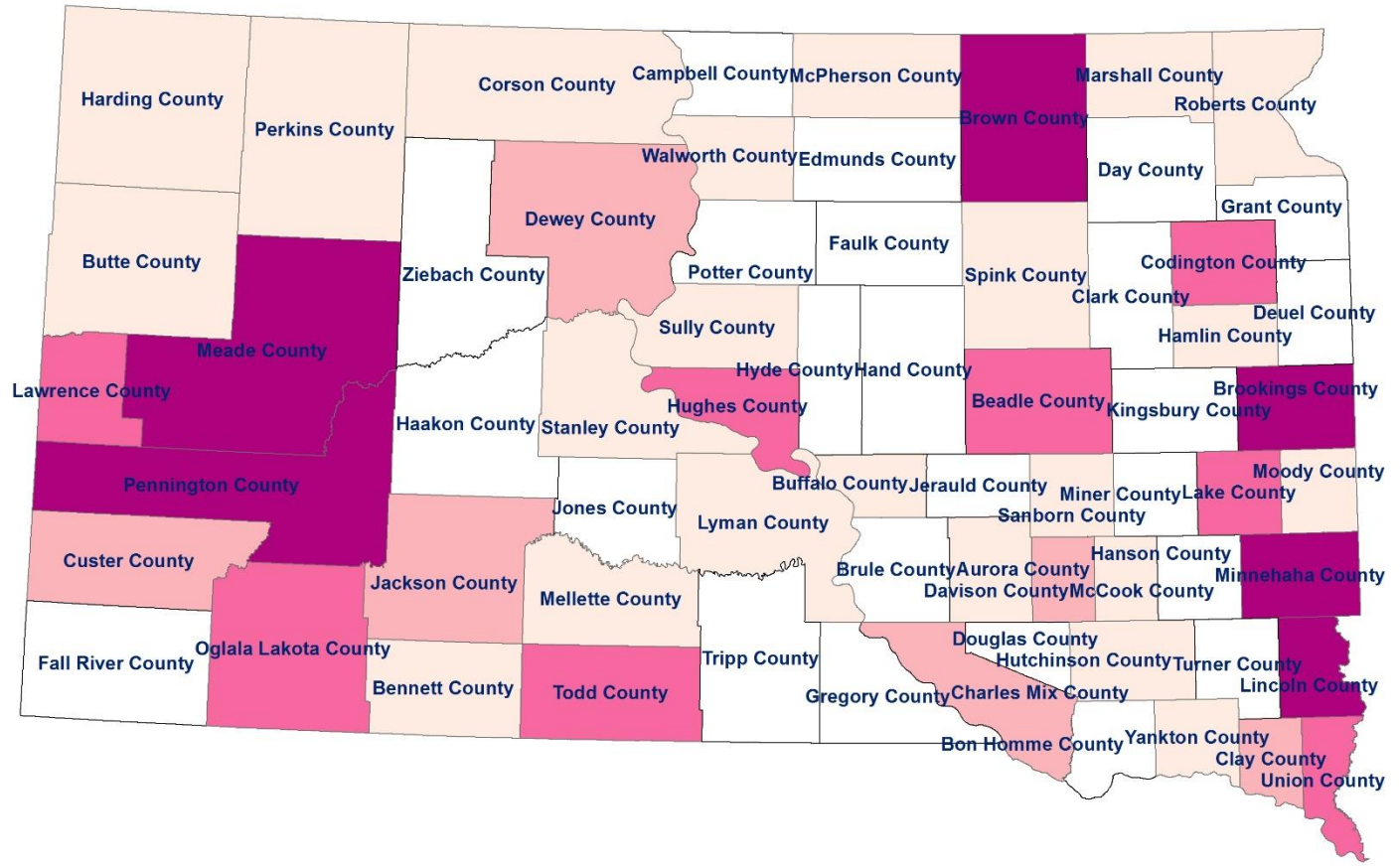
Percent Change in Population Between 2010 and 2016 by County

- Between 2010 and 2016, there was 6.3% increase in the state population.

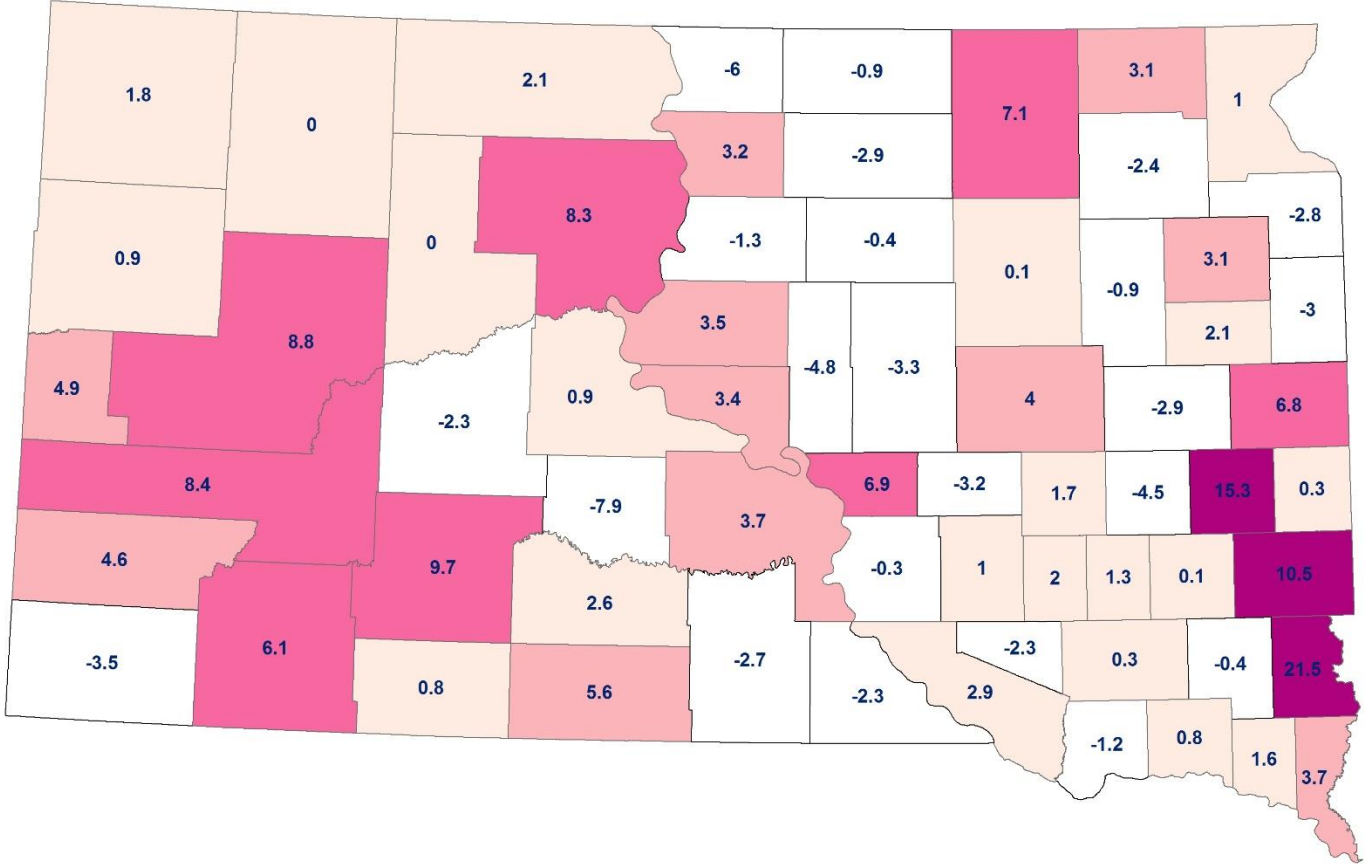


County-to-County Flows Mapper

County Population Change by Number between 2010 and 2016



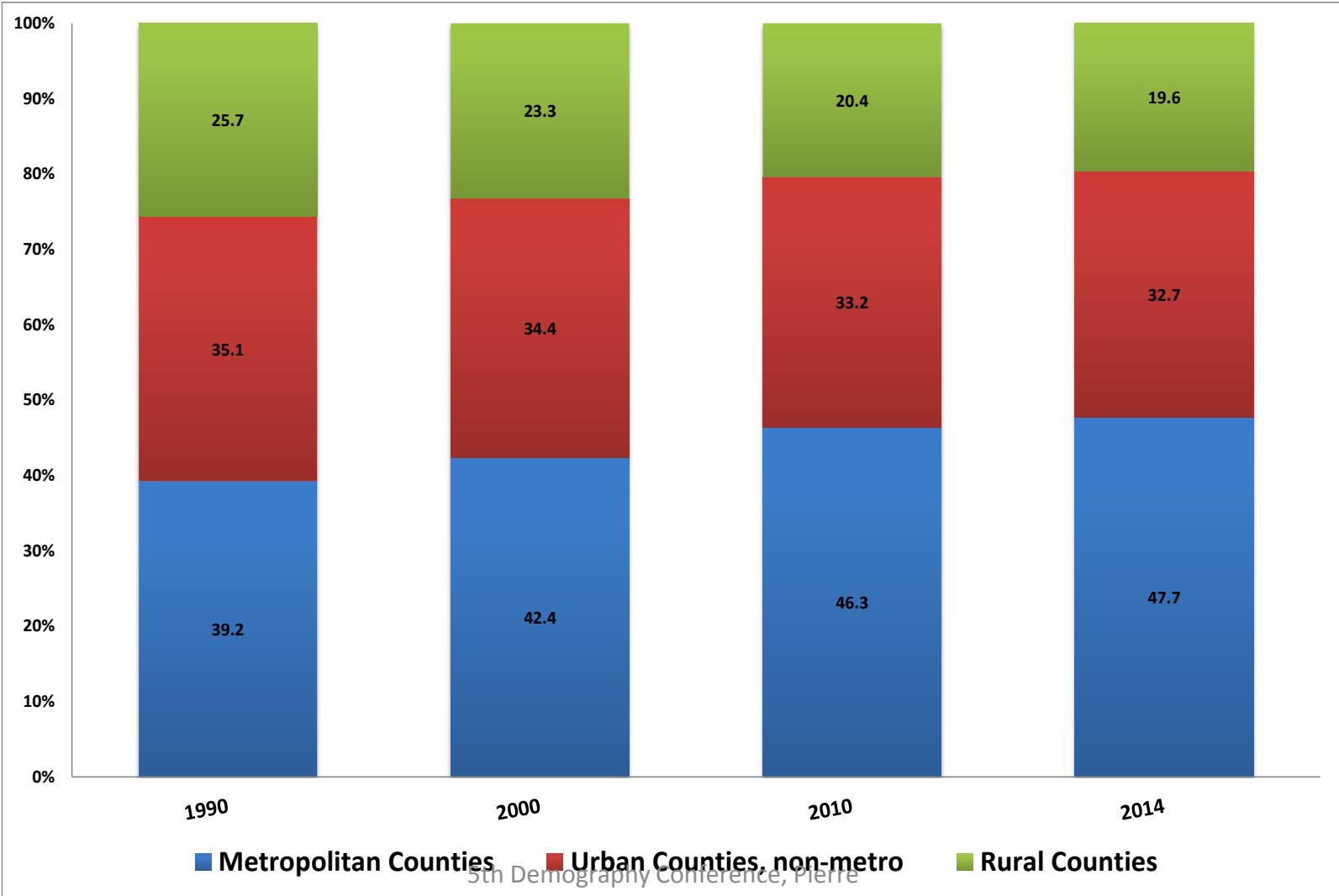
County Population Change in Percent between 2010 and 2016



Population Loss
 Increase by less than 3%
 Increase by 3 to 6%
 Increase by 6 to 10%
 Increase by more than 10%

County	Total Population Increase	Share of the State Population Increase
Minnehaha	13,411	34.4
Pennington	7,305	18.7
Lincoln	6,720	17.2
Brown	1,877	4.8
Meade	1,495	3.8

Percent of the State Population by Metro, Urban Non-Metro, Rural Status in South Dakota, 1990-2014



To summarize:

- The state population had a steady growth in the past two decades.
 - South Dakota may expect a higher growth rate in the decade of 2010-2020 compared to the rate of 7.9 between 2000 and 2010.
 - Assumption: The population is counted accurately! No undercount!
- The state population is becoming more concentrated in its most populous counties.
 - The depopulation in rural counties is as equally critical as the rapid growth in a number of metro counties.
- The primary source of population growth differs significantly across the state.
 - Population structures in different communities are becoming drastically different.