

# Navigating with North Dakota Compass

[ndcompass.org](http://ndcompass.org)

NORTH DAKOTA **COMPASS** | [ndcompass.org](http://ndcompass.org)

Measuring progress. Inspiring action.

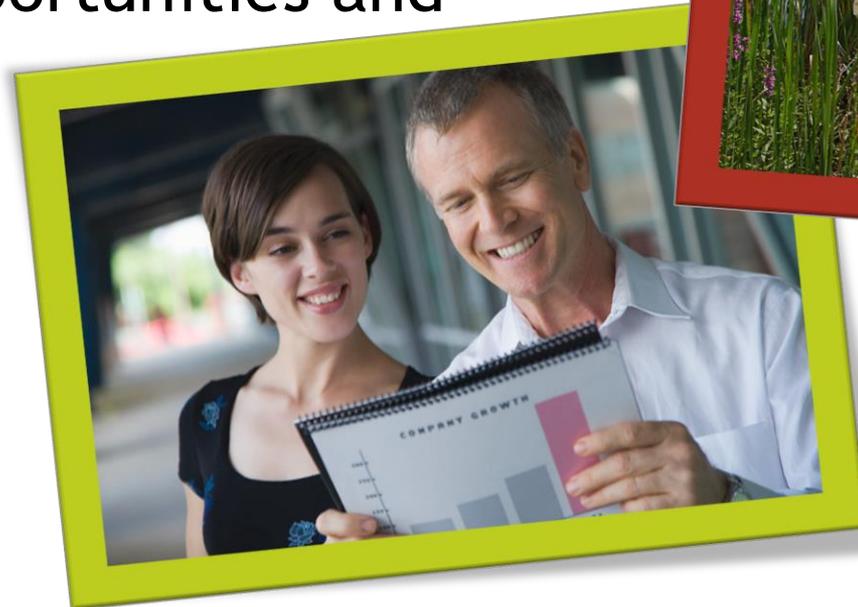
Kendra Erickson-Dockter  
Project Director

ND Workforce & HR Conference  
September 2015

# Using data for decision making

Using data helps to:

- Identify areas of opportunity and challenges
- Place the question in the context
- Challenge assumptions
- Address opportunities and challenges



# Obstacles in using data for decision making

- Many make decisions based on intuition
- Why is this?
- It can be hard to:
  - Find “good” data
  - Understand the meaning of data
  - Present data
  - Make use of data
- A resource to help you!!!



# Resource: North Dakota Compass

[ndcompass.org](http://ndcompass.org)



- One-stop source
- Up-to-date, reliable, and unbiased data to:
  - Document needs
  - Track progress
  - Inspire action
- Free resource



# What is North Dakota Compass?

The screenshot shows the North Dakota Compass website. At the top, there is a navigation bar with 'TOPICS' and a search box. Below this, a 'WELCOME TO NORTH DAKOTA COMPASS' section explains the site's purpose. The main content area is divided into several sections: 'NEW/UPDATED DATA' with a list of data updates; 'FOR DISCUSSION' featuring an article about growing a food cooperative; 'ASK A RESEARCHER' with an article on food systems; and 'NEW RESOURCES' with links to legislative profiles and newsletters. A 'HOW TO USE THIS SITE' section provides instructions on navigating the site's features.

**TOPICS** Aging Children & Youth Civic Engagement Demographics Disabilities Early Childhood Economy Education  
Environment Health Housing Workforce

**WELCOME TO NORTH DAKOTA COMPASS**  
By tracking and analyzing trends in areas that affect our quality of life, Compass gives everyone in our state – policymakers, business and community leaders, and concerned individuals who live and work here – a common foundation to act on issues to improve our communities. [MORE >](#)

**HOW TO USE THIS SITE**  
You can explore the website in multiple ways: by topic, by geography and by community capitals.  
**By TOPIC:**  
• Click on a topic located in the black bar at the top of the page  
• Click on a key measure to see graphs, maps, charts, and tables related to a specific indicator  
• Scroll over the "Breakdown" menu to see what specific characteristics and geographies are available  
• To find data sources, definitions or qualifications, go to the "View" drop down menu and choose "Data & notes"  
• Find links to additional data sources under More Measures  
• Find links to projects and organizations relevant to the top under Ideas at Work  
• Find reports and publications under Library  
**By GEOGRAPHY:**  
• See Profiles/Geographic Profiles on top of the page  
**By COMMUNITY CAPITALS:**  
• See Toolkits/Community Building on top of the page  
If you would like additional instruction, please read the May

**NEW/UPDATED DATA**

- Updated Preschool Enrollment data: By county (map); By county (ranking); By metropolitan status; By planning region
- Updated Children with Working Parents data
- Updated 8th Grade Math data
- Updated 3rd Grade Reading data
- Updated Jobs data: North Dakota and U.S. (monthly percent change); Comparison with other states (yearly percent change); By industry sector (yearly net change)
- Updated Cost-Burdened Households data: By county (map); By county (ranking); By metropolitan status; By planning region; By metropolitan and micropolitan area; By cities; By Native American reservation area

**FOR DISCUSSION**

**Growing a Food Cooperative from the Ground Up**  
Heldi Demant is the Outreach Coordinator for the Billian Community Food Co-op. She was selected by the Bush Foundation as a 2013 Bush Leadership Fellow and is working to increase food literacy in the community and to create connections and strong relationships between consumers and producers in the region. [READ MORE >](#)

**ASK A RESEARCHER**

**Community Food Systems: Food Charters and More**  
Abby Gold is an Associate Director for the Master's in Public Health Program at North Dakota State University and a Nutrition and Wellness Specialist for NDSU Extension Service. She received her doctoral degree in Public Health from the University of Minnesota. Her research areas of interest include: nutrition and health education, food access, health promotion and communication and diverse populations. In this article, she describes the food landscape in the United States and in North Dakota and discusses four promising community-grounded strategies to build a community food system. [READ MORE >](#)

**NEW RESOURCES**

- Next State Legislative District profiles
- Updated Trends
- February's Newsletter
- Community Building Toolkit located in the header under Toolkits
- In February's For Discussion

- Social indicators project
- Brought to ND, because communities are changing
- Modeled after Minnesota Compass

# Funded by:

## Major foundations



## Membership program

- Sustaining memberships
- Champion memberships
- Supporting memberships
- Community memberships

## Sponsorships

## Special projects



# What does ND Compass offer?

Curated collections of data  
Variety of ways to find data



## TOPICS

- Aging
- Children & Youth
- Civic Engagement
- Demographics
- Disparities
- Early Childhood
- Economy
- Education
- Environment
- Health
- Housing
- Workforce



## PROFILES

- State
- Region
- County
- Metropolitan Area
- Micropolitan Area
- Native American Reservation Area
- Legislative Districts



## COMMUNITY CAPITALS

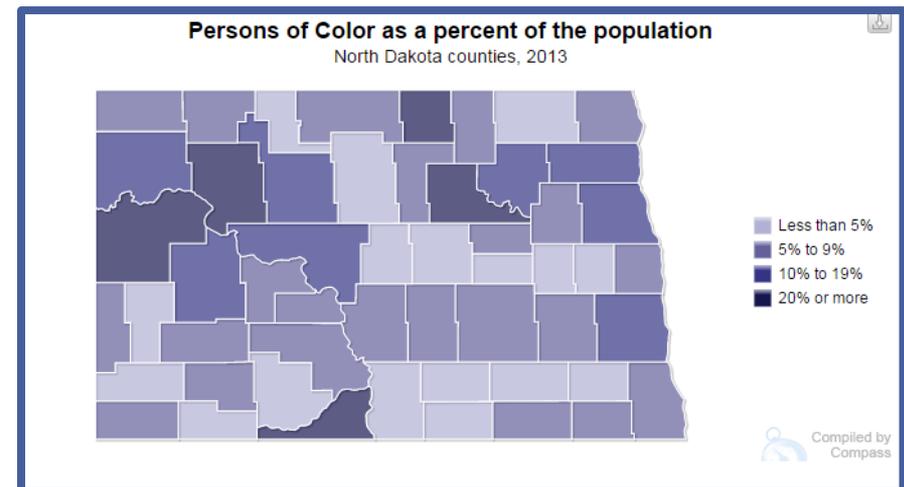
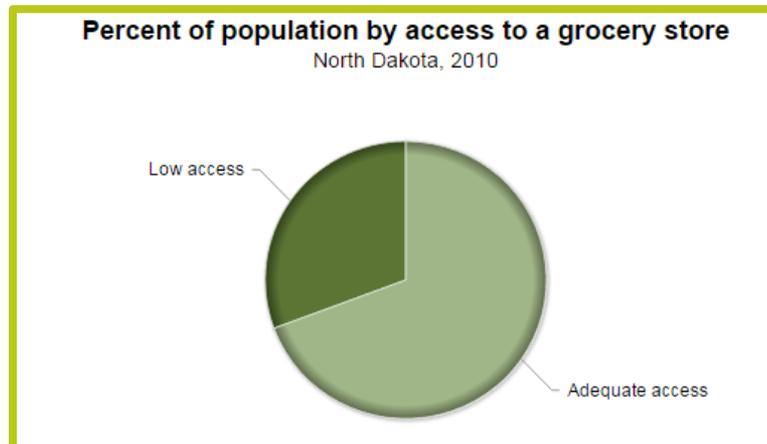
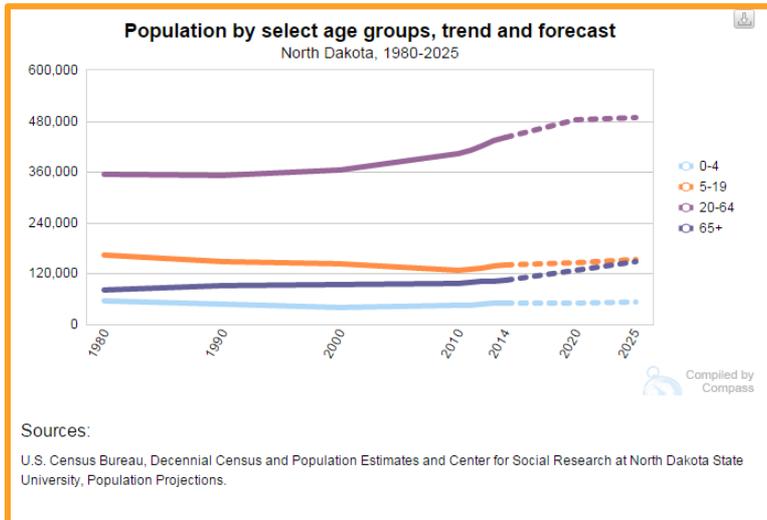
- Natural
- Cultural
- Human
- Social
- Political
- Financial
- Built

# What does ND Compass offer?

Data ready to go in an user friendly format

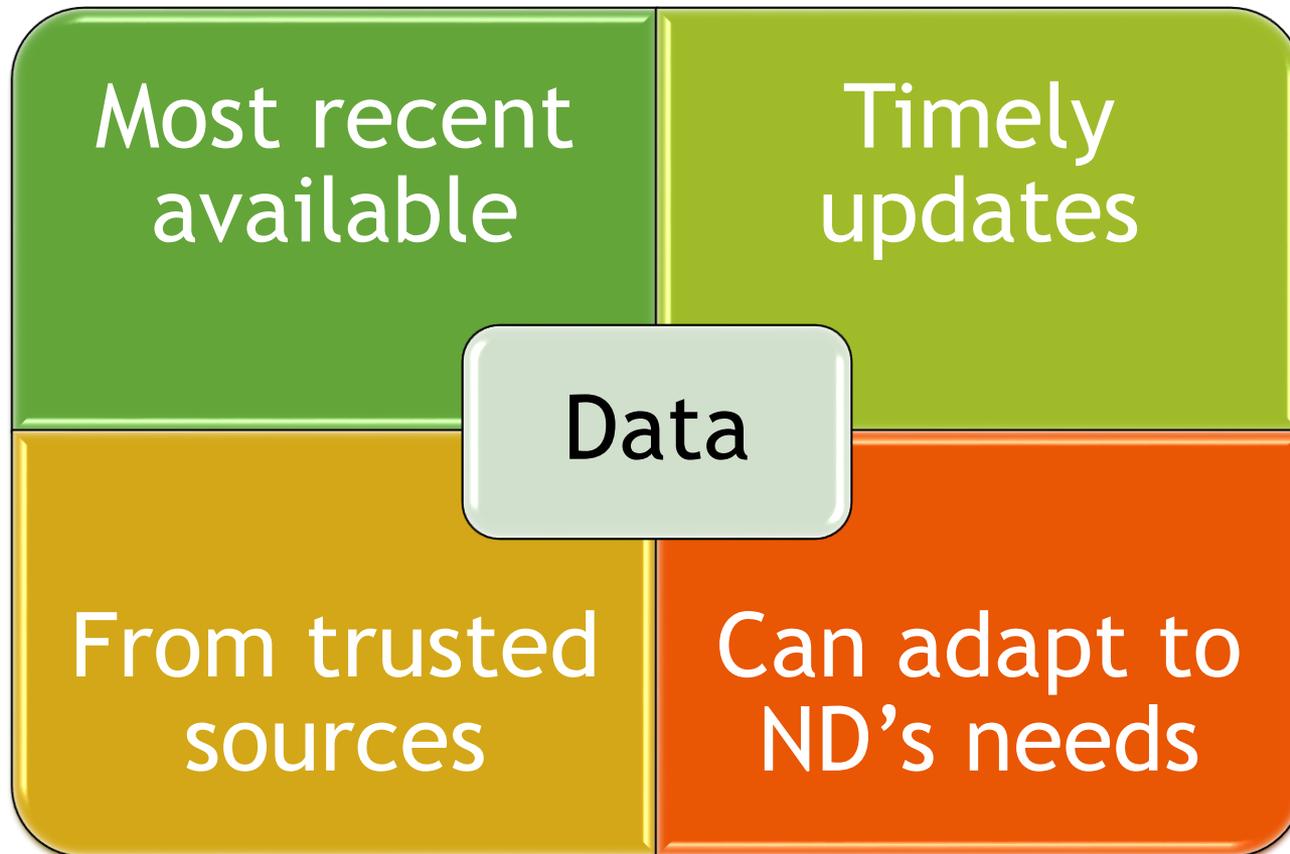
Provides appropriate graphics for each type of data:

- To embed it in a word document or PowerPoint
- For a report, presentation, or grant proposal



# What does ND Compass offer?

Reliable and updated data





TOPICS

- Aging
- Children & Youth
- Civic Engagement
- Demographics
- Disparities
- Early Childhood
- Economy
- Education
- Environment
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- Housing
- Workforce

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WELCOME TO  
**NORTH DAKOTA COMPASS**

By tracking and analyzing trends in areas that affect our quality of life, Compass gives everyone in our state – policymakers, business and community leaders, and concerned individuals who live and work here – a common foundation to act on issues to improve our communities. [MORE >](#)



# North Dakota Compass

## ndcompass.org

- Updated Educational Attainment data
- Updated Volunteerism data
- Updated Aging-Volunteerism data
- Updated Jobs data: North Dakota and U.S. (monthly percent change); Comparison with other states (yearly percent change); By industry sector (yearly net change)

**NEW RESOURCES**

- **New!** Compass Points
- **New!** State Legislative District profiles

*Fellow. Prior to joining the Foundation, Laudenschlager was a Project Coordinator for the North Dakota Center for Persons with Disabilities and Great Plains Center for Community Research and Service. She earned a bachelor's degree from Minot State University and is a Dale Carnegie graduate. In this article, Megan discusses her experiences working with Millennials to make their voices heard in regards to the future of Minot.*

[READ MORE >](#)

**ASK A RESEARCHER**



**The State Repository of Census Information- The North Dakota Census Office**

*Kevin Iverson is the Manager of the North Dakota Census Office. He is responsible for monitoring and interpreting the various*

menu to see what specific characteristics and geographies are available

- To find data sources, definitions, or qualifications, go to the "View" drop down menu and choose "Data & notes"
- Find links to additional data sources under More Measures
- Find links to projects and organizations relevant to the topic under Ideas at Work
- Find reports and publications under Library

**By GEOGRAPHY:**

- See Profiles/Geographic Profiles, on top of the page

**By COMMUNITY CAPITALS:**

North  
Dakota  
C  
W  
L  
a tour!

# Remember to Use ND Compass To...

- Project/program plan
- Monitor performance
- Assess impact
- Assess needs
- Network & collaborate with others
- Make community decisions
- Write grants
- Gain a greater understanding of a topic
- Create a common foundation
- Start conversations



# Check Us Out and Interact



Facebook ([/ndcompass](#))



Twitter ([@NDCompass](#))



Pinterest ([pinterest.com/ndsuCSR/](#))

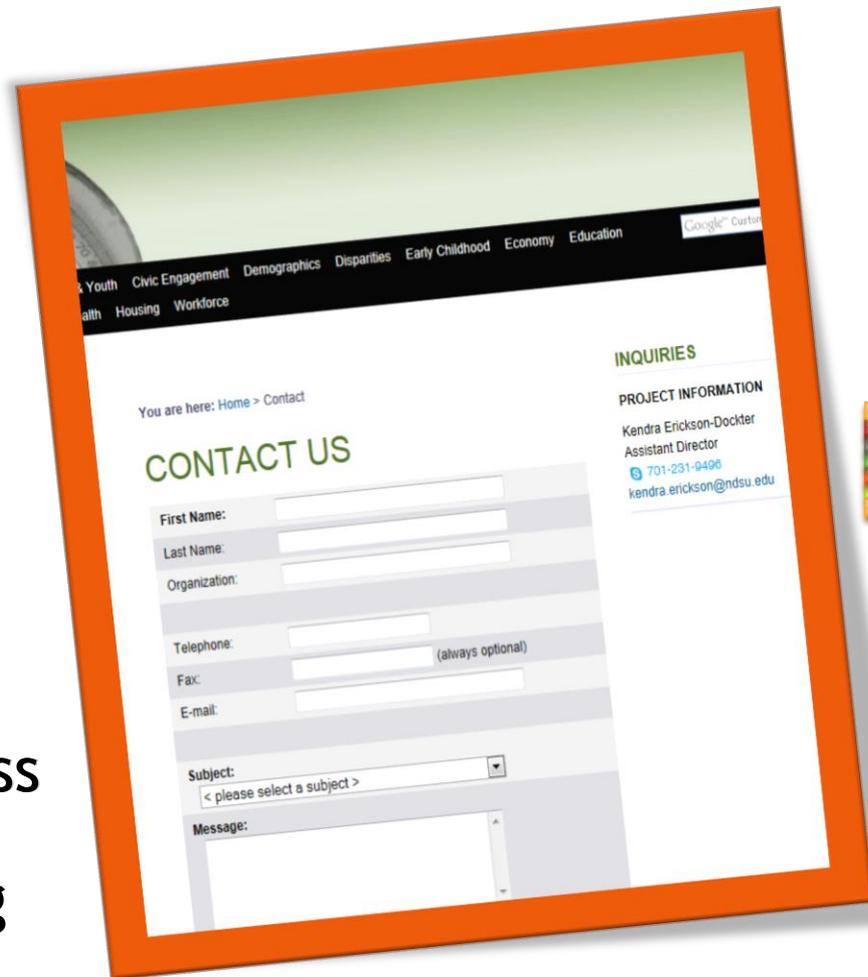


YouTube ([youtube.com/user/ndsuCSR](#))



# Get Involved!

- Sign up for the newsletter
- Give feedback about the website
- Suggest a resource
- Tell others about ND Compass
- Serve on a technical working group
- Volunteer as a columnist!!
- Partner for a special project



**Do you use Compass?  
Let us know how!**

**ND Compass is looking for  
case studies!**

# Wrapping It All Together...

- Raw numbers and charts, maps, tables
- Historical data to provide trends to show change over time
- Links to find more specific data and develop a more full story
- Connections between organizations/agencies
- Provide research based strategies for community opportunities and challenges
- **Put the pieces together! Start laying a foundation to tell a story and start conversations to impact change!**



# *Thank You!*



**DISCOVER THE POWER OF DATA  
AND GET INSPIRED FOR ACTION!**

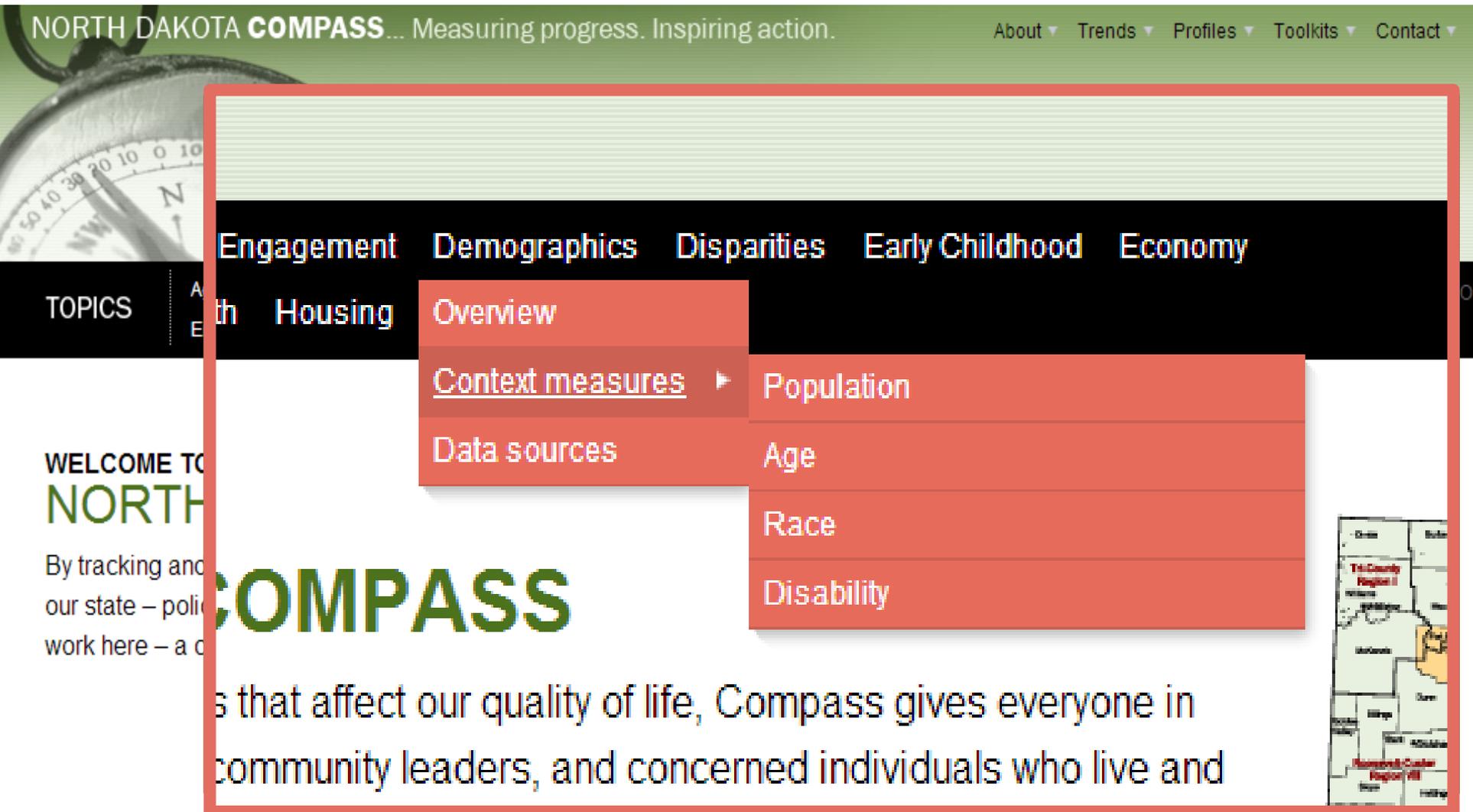




Just in case...



# ND Compass Website Overview: topic areas and key measures



NORTH DAKOTA **COMPASS**... Measuring progress. Inspiring action. [About](#) [Trends](#) [Profiles](#) [Toolkits](#) [Contact](#)

**Engagement** **Demographics** **Disparities** **Early Childhood** **Economy**

**TOPICS** **Health** **Housing** **Overview**

**Context measures** ▶ **Population**

**Data sources** **Age**

**Race**

**Disability**

WELCOME TO  
NORTH DAKOTA  
By tracking and  
our state – polic  
work here – a c

**COMPASS**

...s that affect our quality of life, Compass gives everyone in  
community leaders, and concerned individuals who live and





TOPICS

- Aging
- Children & Youth
- Civic Engagement
- Demographics
- Disparities
- Early Childhood
- Economy
- Education
- Environment
- Health
- Housing
- Workforce

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ECONOMY

Overview

Key measures

- Economic output (GDP)
- Jobs
- Median income
- Poverty

More measures

Ideas at work

Library

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FOLLOW NDCOMPASS

- FACEBOOK
- TWITTER
- YOUTUBE
- PINTEREST

You are here: Home > Economy

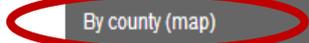
## MEDIAN INCOME

The median, or midpoint, income for all households is a measure of standard of living. After adjusting for inflation, examining the median income over time can tell us whether economic conditions are improving or declining for typical households in the community. Higher incomes are associated with better educational outcomes for children, improved health outcomes for all residents, and many other advantages. These data show us whether the fruits of the economy improve the well-being of middle-income residents.

BREAKDOWN: North Dakota and U.S. VIEW: Graph

- North Dakota and U.S.
- Comparison with other states
- By county (map)**
- By county (ranking)
- By metropolitan status
- By planning region
- By planning region (trend)
- By metropolitan area
- By metropolitan and micropolitan areas
- By cities
- By Native American reservation area
- By racial and ethnic group (head of household)
- By age (head of household)

Sources.



ND  
Compass  
Website  
Overview:  
  
Key  
Measures





TOPICS

- Aging
- Children & Youth
- Civic Engagement
- Demographics
- Disparities
- Early Childhood
- Economy
- Education
- Environment
- Health
- Housing
- Workforce

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## ECONOMY

### Overview

### Key measures

Economic output (GDP)

Jobs

Median income

Poverty

### More measures

Ideas at work

Library



YOUTUBE



PINTEREST

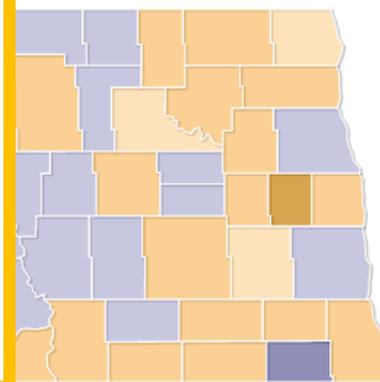
site to participating in the economy and sharing in its benefits. At the shortage of jobs increases unemployment, reduces tax revenues, and lose without a job, especially residents without assets or a second / experience hardships such as high debt, health consequences, n homelessness. Even those workers holding jobs may experience ed wages and salaries when jobs are in short supply.

(percent change) ▾

VIEW: Graph ▾

### Change in jobs compared to previous year

North Dakota counties, 4th quarter 2013 - 4th quarter 2014



- Increase of 10% or more
- Increase of 5% to 9%
- Increase of less than 5%
- Neither increase nor decrease
- Decrease of less than 5%
- Decrease of 5% or more

Compiled by Compass

#### Notes:

Nonfarm payroll positions only. Not seasonally adjusted.

#### Sources:

North Dakota Workforce Intelligence, Quarterly Census of Employment and Wages.

ND Compass Website Overview:

Not “Just Data”

Additional Resources

## BISMARCK

Bismarck metropolitan area comprises Region VII)

### DEMOGRAPHICS

- Total population
- Median age
- Percent of Color
- Percent with one or more disabilities

### AGING

- Total older adult population (age 65+)
- Median household income, 65+ household
- Percent of older adults with one or more disabilities

### CHILDREN AND YOUTH

- Total youth population (age 0-17)

### CIVIC ENGAGEMENT

- Voter turnout
- Percent of residents who are registered voters

### EARLY CHILDHOOD

- Total young child population (age 0-4)
- Young children enrolled in preschool, 2013
- Young children for whom parents are working, 2013

### ECONOMY

- Total nonfarm jobs
- Total farm jobs
- Real per capita income, 2013
- Real median household income, 2013
- Individuals below poverty level, 2013

### HEALTH

- Adults with health insurance, 2013
- Adults with private health insurance, 2013
- Resident with health insurance, 2013

### HOUSING

- Household with home ownership, 2013
- Home ownership rate, 2013

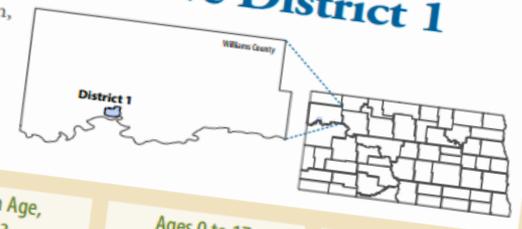
### WORK

- Adults with a bachelor's degree or higher, 2013
- Proportion of adults working (age 16+), 2013

# 2015 Demographic and Socio-Economic Profile of North Dakota State Legislative District 1

This profile is part of a series highlighting population, household, social, and economic characteristics in all 47 state legislative districts in North Dakota.

CSR | Center for Social Research at NDSU  
March 2015



| POPULATION Characteristics | Total Population, 2013             | Median Age, 2013                        | Ages 0 to 17, 2013                      | Ages 65 and older, 2013                 |
|----------------------------|------------------------------------|---|---|---|
| <b>DISTRICT 1</b>          | <b>16,440</b>                      | <b>34.2 years</b>                       | <b>23.2%</b><br>3,808 children          | <b>13.0%</b><br>2,145 people            |
| North Dakota               | 689,781                            | 36.4 years                              | 22.3%                                   | 14.4%                                   |
| United States              | 311,536,594                        | 37.3 years                              | 23.7%                                   | 13.4%                                   |
| HOUSEHOLD Characteristics  | Total Households, 2013             | Average Household Size, 2013            | Householders Living Alone, 2013         | Households Receiving the EITC, 2012     |
| <b>DISTRICT 1</b>          | <b>6,894</b>                       | <b>2.31</b><br>persons per household    | <b>29.6%</b><br>2,042 households        | <b>9.5%</b><br>909 households           |
| North Dakota               | 287,270                            | 2.31                                    | 31.2%                                   | 12.6%                                   |
| United States              | 115,610,216                        | 2.63                                    | 27.5%                                   | 19.9%                                   |
| SOCIAL Characteristics     | Associate's Degree or Higher, 2013 | Moved in the Past Year, 2013            | Ages 3 to 4 Enrolled in Preschool, 2013 | People With a Disability, 2013          |
| <b>DISTRICT 1</b>          | <b>37.3%</b><br>4,071 people       | <b>19.7%</b><br>3,207 people            | <b>35.0%</b><br>171 children            | <b>9.2%</b><br>1,486 people             |
| North Dakota               | 39.9%                              | 17.2%                                   | 37.0%                                   | 10.7%                                   |
| United States              | 36.7%                              | 15.1%                                   | 47.7%                                   | 12.1%                                   |
| ECONOMIC Characteristics   | Median Household Income, 2013      | Low Income, Below 200% of Poverty, 2013 | Children <6, All Parents Working, 2013  | Ages 0 to 64, No Health Insurance, 2013 |
| <b>DISTRICT 1</b>          | <b>\$76,293</b>                    | <b>21.1%</b><br>3,387 people            | <b>54.4%</b><br>764 children            | <b>12.0%</b><br>1,705 people            |
| North Dakota               | \$53,741                           | 27.9%                                   | 72.7%                                   | 11.4%                                   |
| United States              | \$53,046                           | 34.2%                                   | 64.8%                                   | 17.0%                                   |

North Dakota State Legislative District 1

Definitions, notes, and data sources on page 2 (over)

ND Compass Website Overview: Other Tools- Profiles

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CAPITALS:  
Community



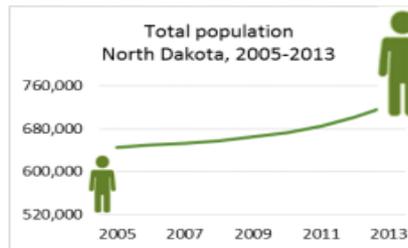
# NORTH DAKOTA COMPASS POINTS 2015

North Dakota's energy development, robust economy, and thriving workforce create a variety of opportunities and challenges for North Dakota communities.

Here are some important statewide trends to consider.

## Reinvigorated State Population

### Fastest growing state in the nation

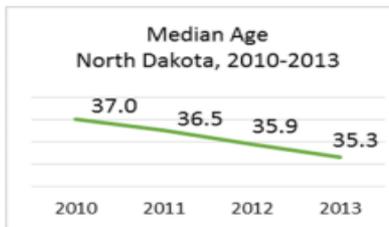


After years of steady growth, North Dakota continues to be the fastest growing state in the nation with a 3 percent population growth (2012 to 2013),

reaching a total of 723,857 residents in 2013.

Although 34 counties experienced growth from 2012 to 2013, some counties continued to lose population (8 counties) or see little or no change (11 counties).

### Growing younger faster than other states



While the U.S. continues to age as the youngest of the Baby Boom Generation enters their 50s, the North Dakota population is becoming younger. From 2012 to 2013, North Dakota saw

the largest decline in median age in the nation (0.6 years), reaching a median age of 35.3 years old in 2013.

Despite this statewide trend, 30 counties had a median age from 40 to 49 years old and nine counties had a median age of 50 or older in 2013.

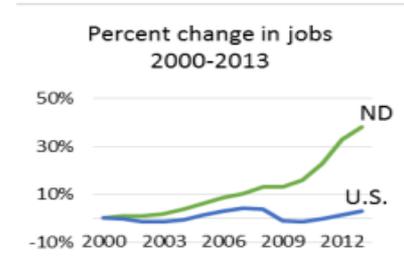
## Top Economic Growth Performer

### Robust economy

North Dakota has a strong economy with a growth rate five times the national average (10% real GDP annual change in 2013 for North Dakota compared to 2% change for the U.S.).

### Leading the country in job growth

North Dakota also surpasses the U.S. job growth (38% compared to 3%, 2000-2013).



While seven counties saw a 5 percent or larger increase in the number of jobs

from the first quarter in 2013 to the first quarter in 2014, 20 counties experienced a job decrease.

### Thriving workforce

In 2013, the proportion of working adults (age 16-64) in North Dakota topped the national rankings at 79 percent, which is well above the national average of 67 percent. About 70 percent of children under 6 years old and 77 percent of school-aged children live in households where all the parents are working.

The median household income in North Dakota has steadily increased reaching \$55,759 in 2013. However, five counties in the state had a median household income less than \$40,000.

# ND Compass Website Overview:

# Other Tools- Trends

# The Community Building Toolkit

NORTH DAKOTA COMPASS... Measuring progress. Inspiring action.

TOPICS: Aging, Children & Youth, Civic Engagement, Demographics, Disparities, Early Childhood, Economy, Education, Environment, Health, Housing, Workforce

COMMUNITY BUILDING

You are here: Home > Community Building

## COMMUNITY BUILDING TOOLKIT

### OVERVIEW

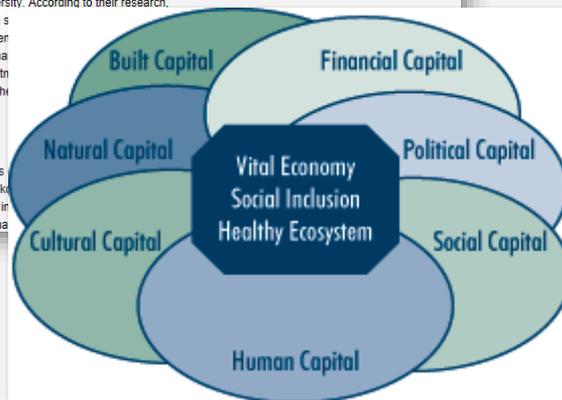
North Dakota communities are facing a variety of challenges. Many smaller communities are in need of resources to stimulate local prosperity and growth in order to reverse years of continual outmigration while western counties and larger metropolitan areas in North Dakota are challenged to support growing populations and to promote and sustain recent economic growth. Therefore, resources to encourage and support community building are valuable tools for North Dakota's current economy.

There are many ways to define and describe a community. A community can be defined by a geographical area (e.g., geo-political boundaries, selected neighborhoods, retail trade areas, or in reference to specific settings like workplace, church, and school district). Community can also be defined by members sharing common interests and perspectives, members involved in joint action, or the interpersonal relationships of its members.

One of the primary research approaches in community building and development is that of the **Community Capitals Framework (CCF)**, developed by sociologists Cornelia and Jan Flora at Iowa State University. According to their research, communities most successful in supporting economic growth paid attention to seven natural, cultural, human, social, political, financial, and economic capitals, and how they invest in each other in such a way that investment in one capital can benefit another. To further understand the CCF, please refer to our [framework](#) page.

### WHAT'S HAPPENING

- Social Capital:** Given the recent trends in migration of younger workers, North Dakota's population has declined in the past couple years (37.0 in 2010 to 36.1 in 2012) in several areas throughout the state, ma



- New resource to encourage and support sustainable community development.
- Uses the Community Capitals Framework.
  - It describes a community in terms of “capitals,” a collection of local assets and resources, that can produce other benefits through investment.