

The 'Graying of North Dakota' – What's Happening Now?

NLDTCA's Summer Administrator Conference

Walker, MN

July 24th, 2013

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www.ndcompass.org

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www.ndsu.edu/csr

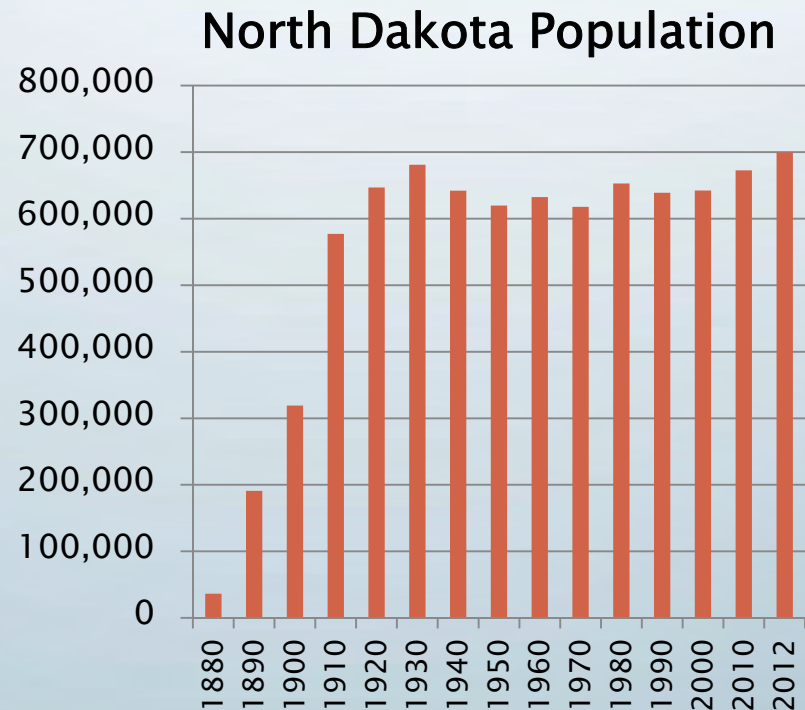
CSR at NDSU in Fargo, ND - <http://www.ndsu.edu/csr>
<http://www.ndcompass.org>

Presentation Objectives:

1. To present an overview of historical shifts and trends in the population and demographics of people aged 65 and older in North Dakota (ND).
2. To discuss health care access, risks, and cognitive impairment issues of ND's older population.
3. To introduce a new website, ND Compass, and examine social indicators for the aging population of ND.

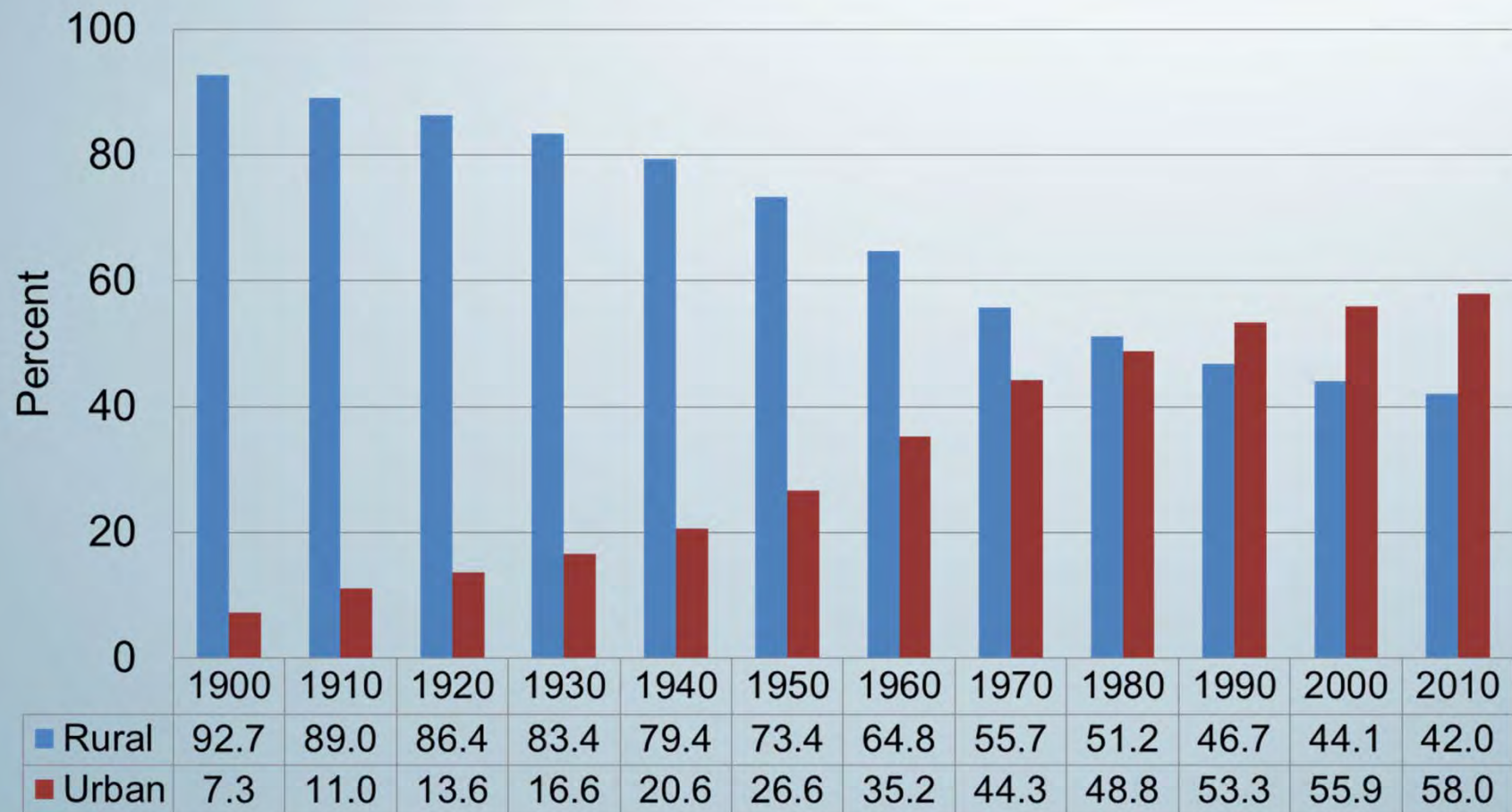
North Dakota Population

- ▶ North Dakota's 2012 population is at a historic high – 699,628. The previous peak was in 1930 at 680,845.



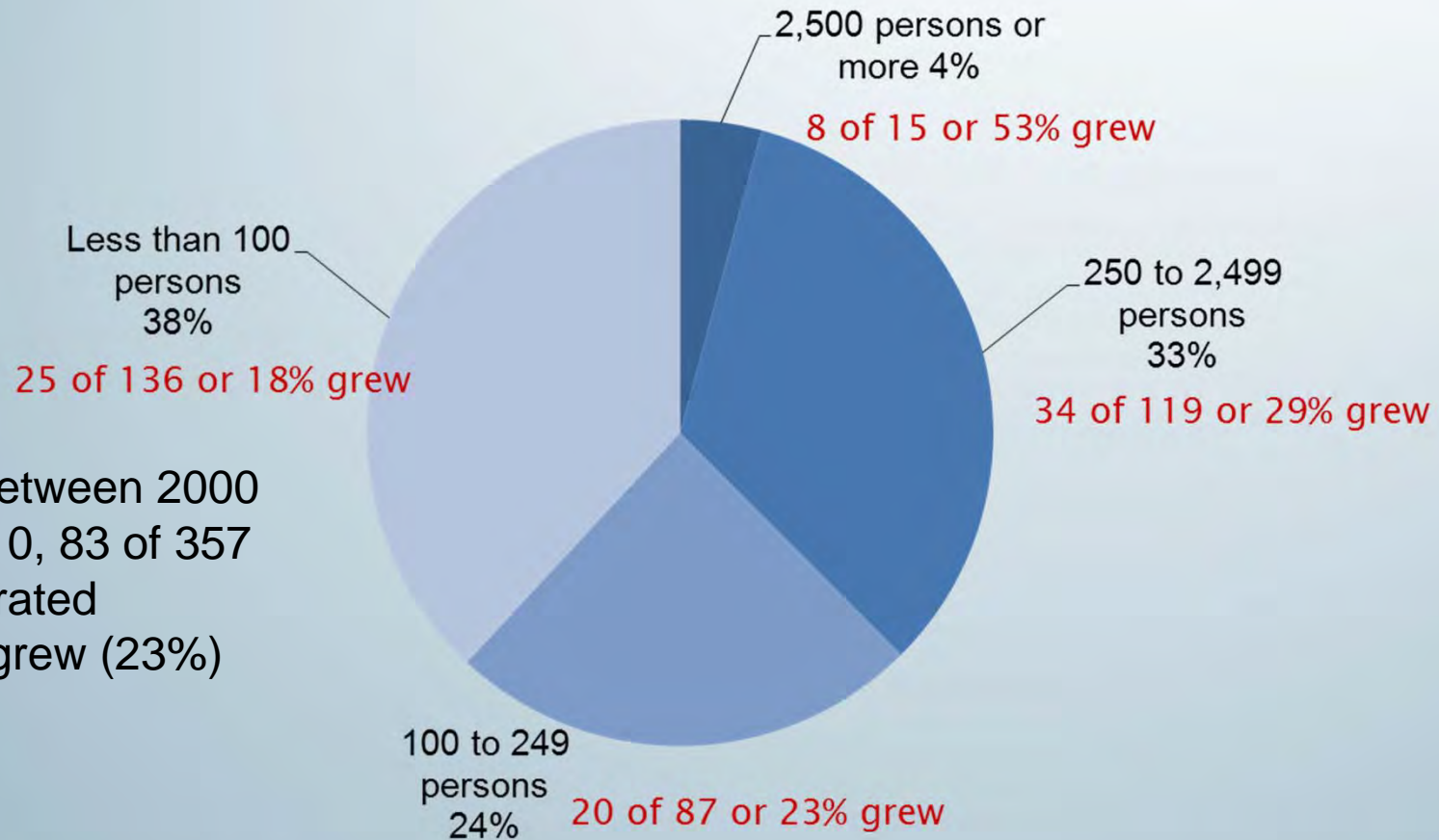
Source: U.S. Census Bureau, Decennial Census and the Population Division.

Rural-Urban Population Distribution in North Dakota



City Size in North Dakota: 2010

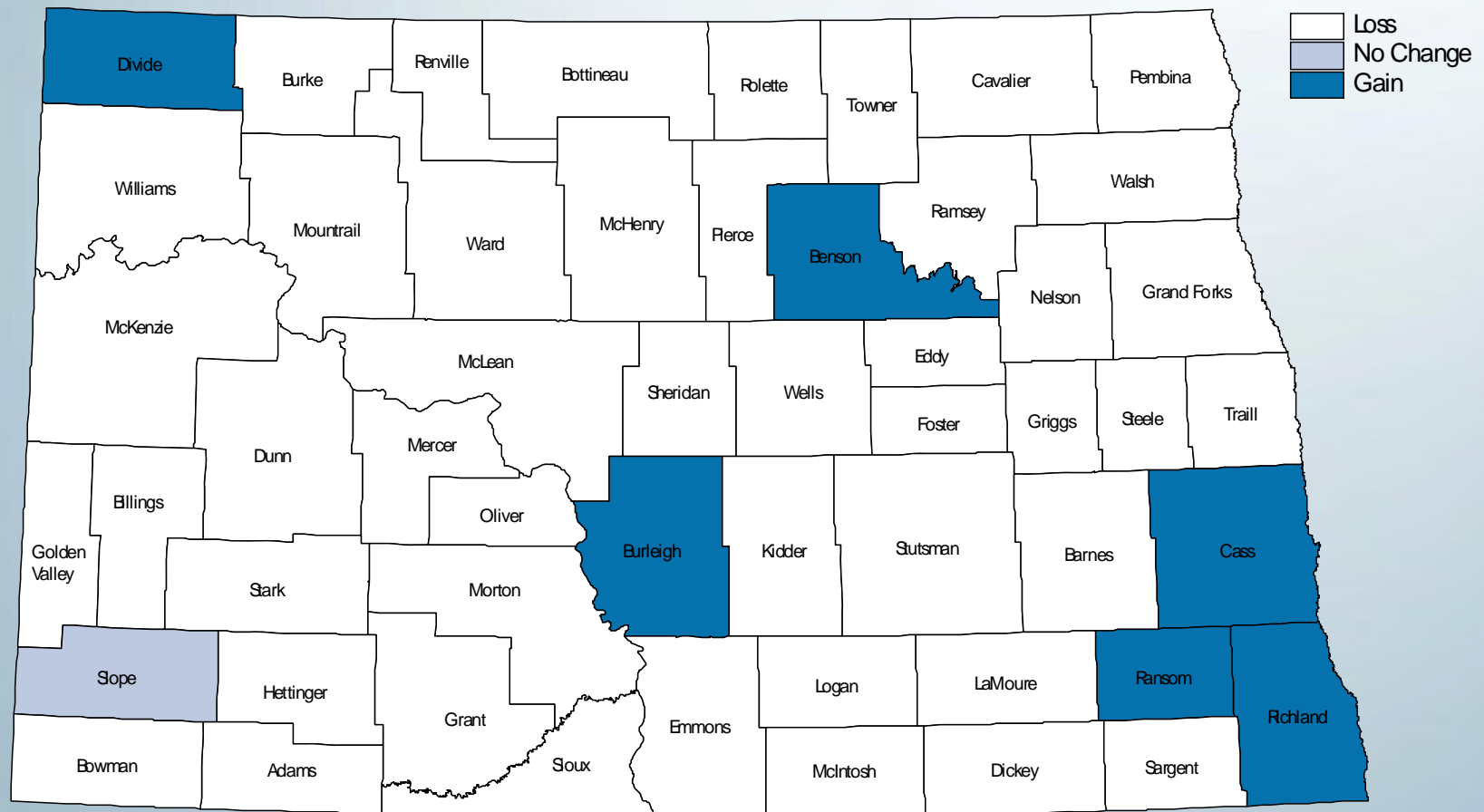
% change 2000 to 2010 noted in red



Note: Between 2000 and 2010, 83 of 357 incorporated places grew (23%)

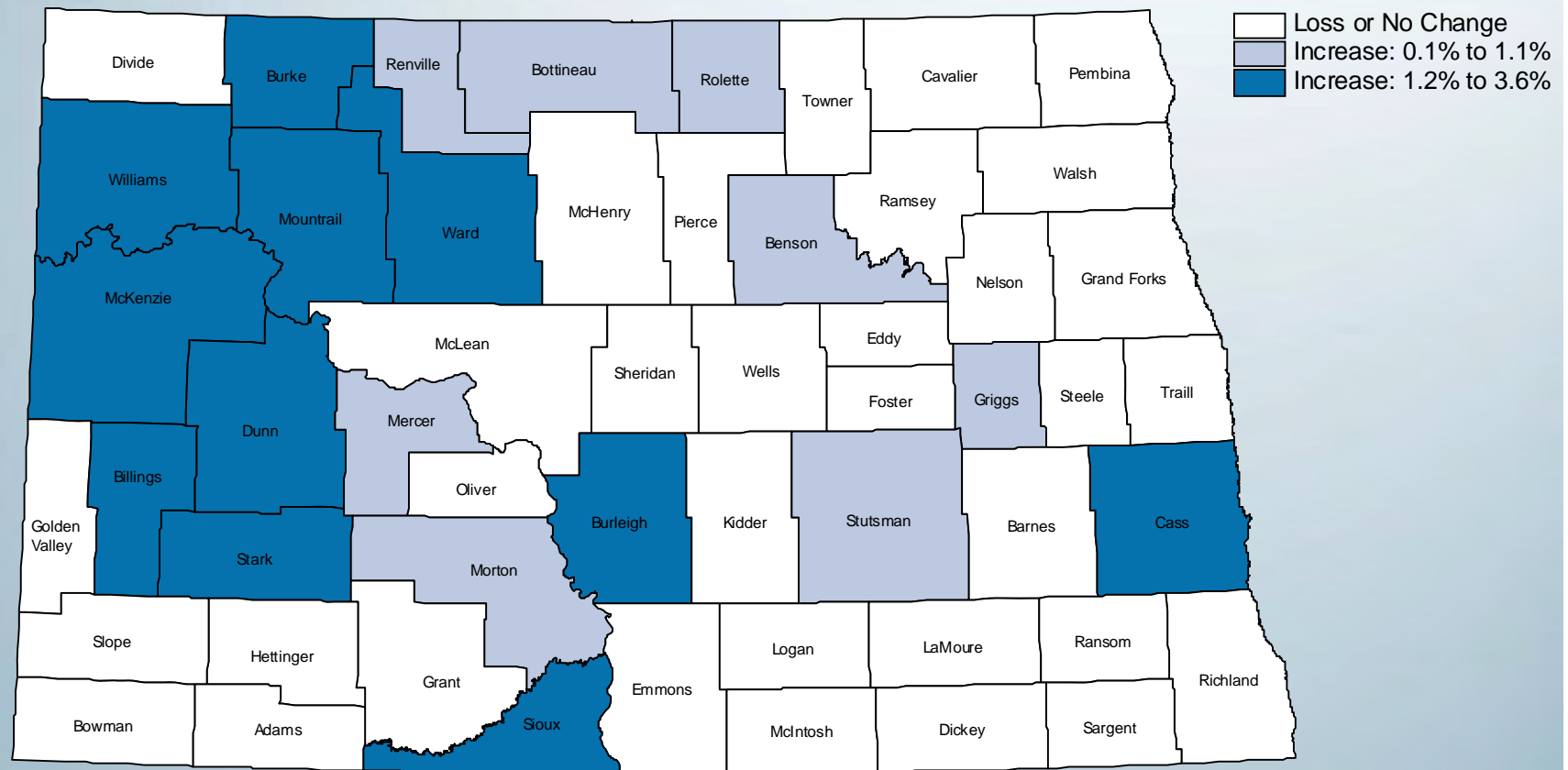
Note: Based on 357 incorporated cities
Source: U.S. Census Bureau, Census 2010

Percent Change in Population: 2002 to 2003



Percent Change in Population: 2008 to 2009

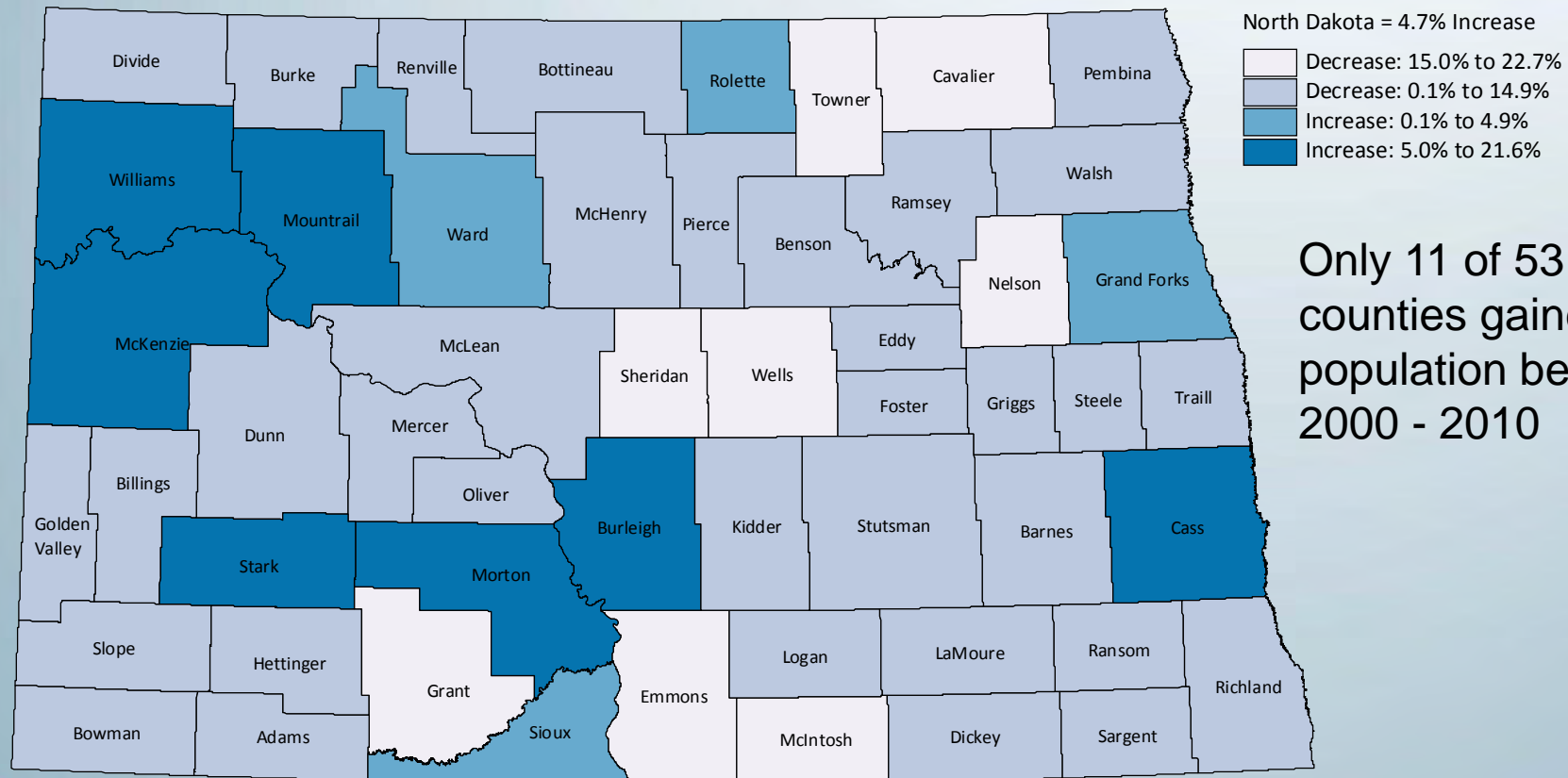
Start to
see
impacts
of oil
boom



Percent Change in Population: 2000 to 2010

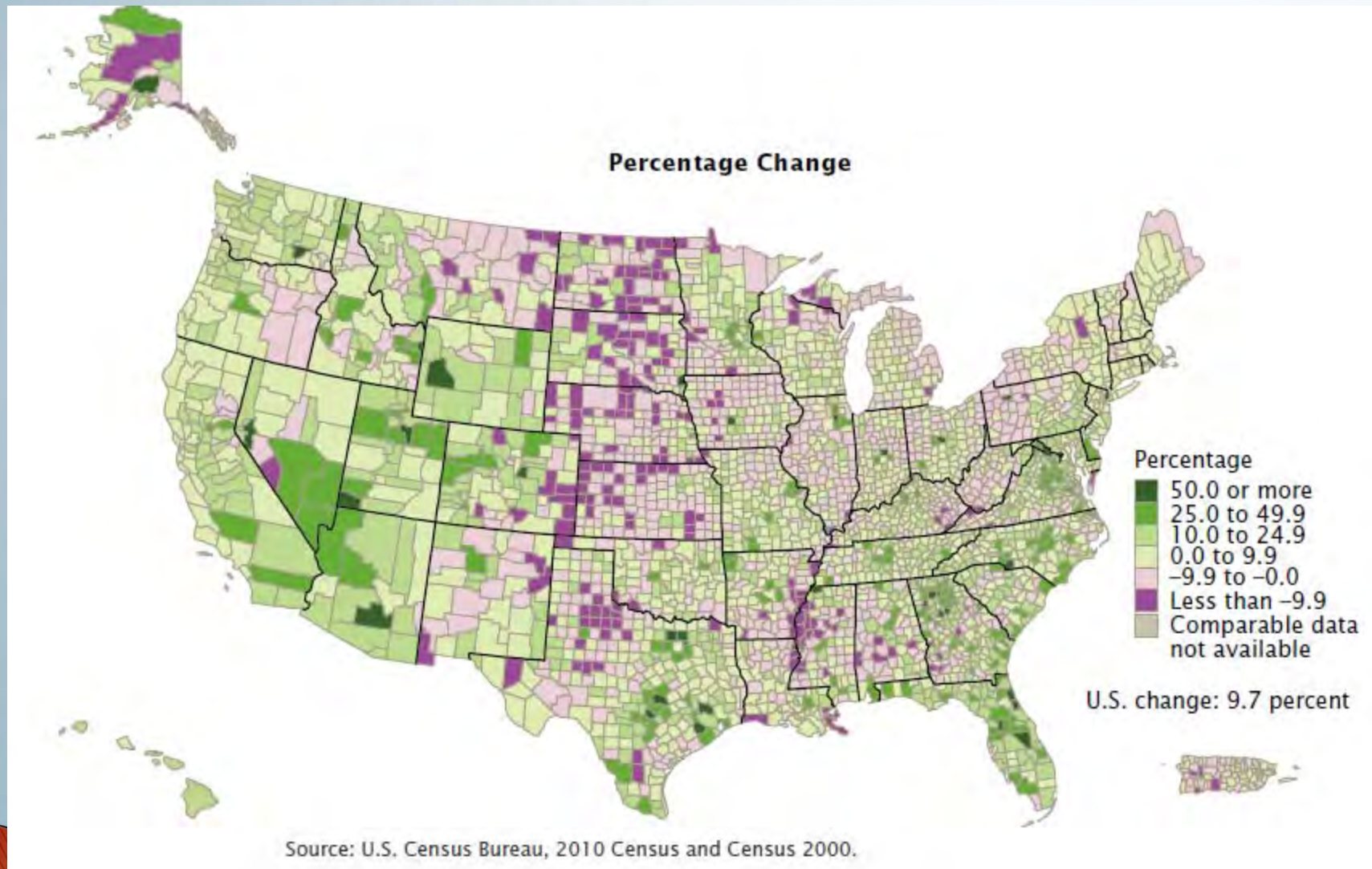
Percent Change in Total Population in North Dakota by County: 2000 to 2010

Source: U.S. Census Bureau, Decennial Censuses

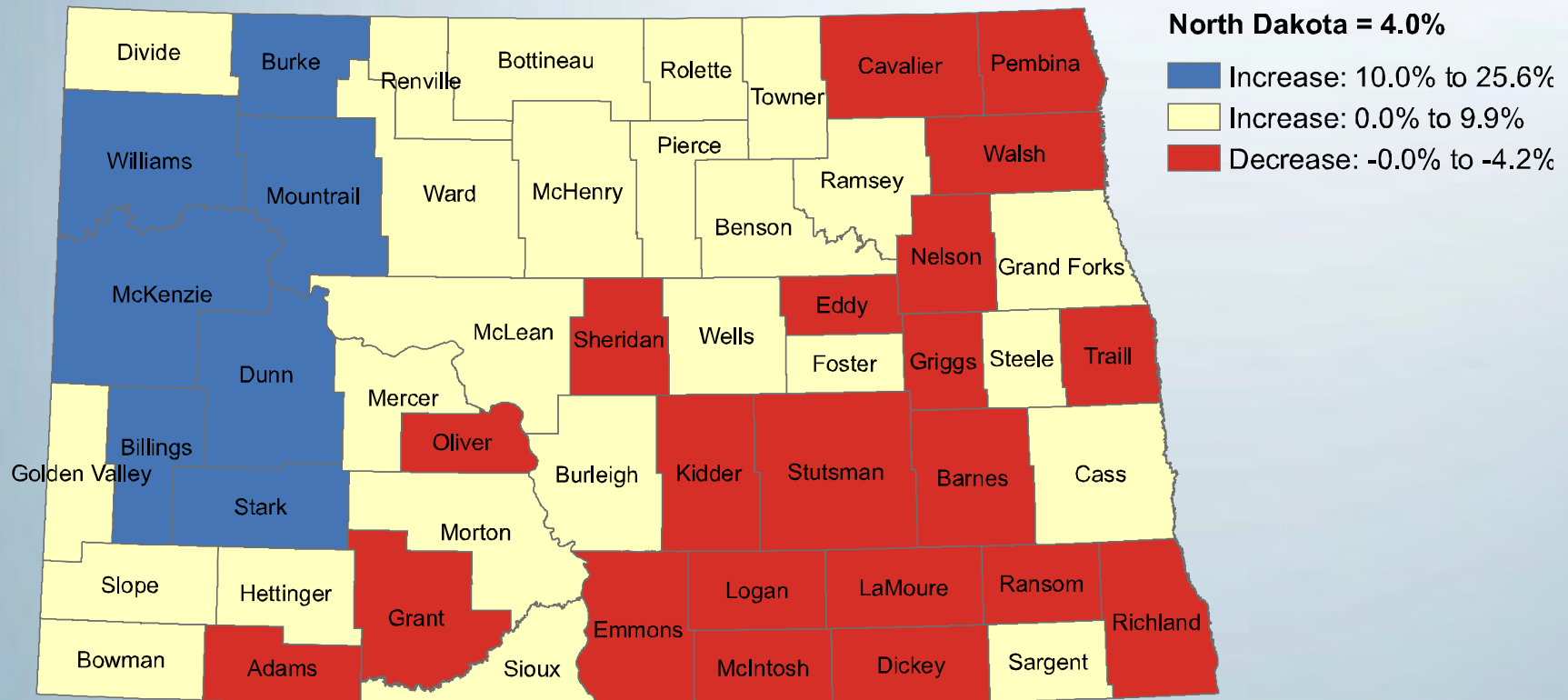


Only 11 of 53
counties gained
population between
2000 - 2010

Percent Change in Population: 2000 to 2010

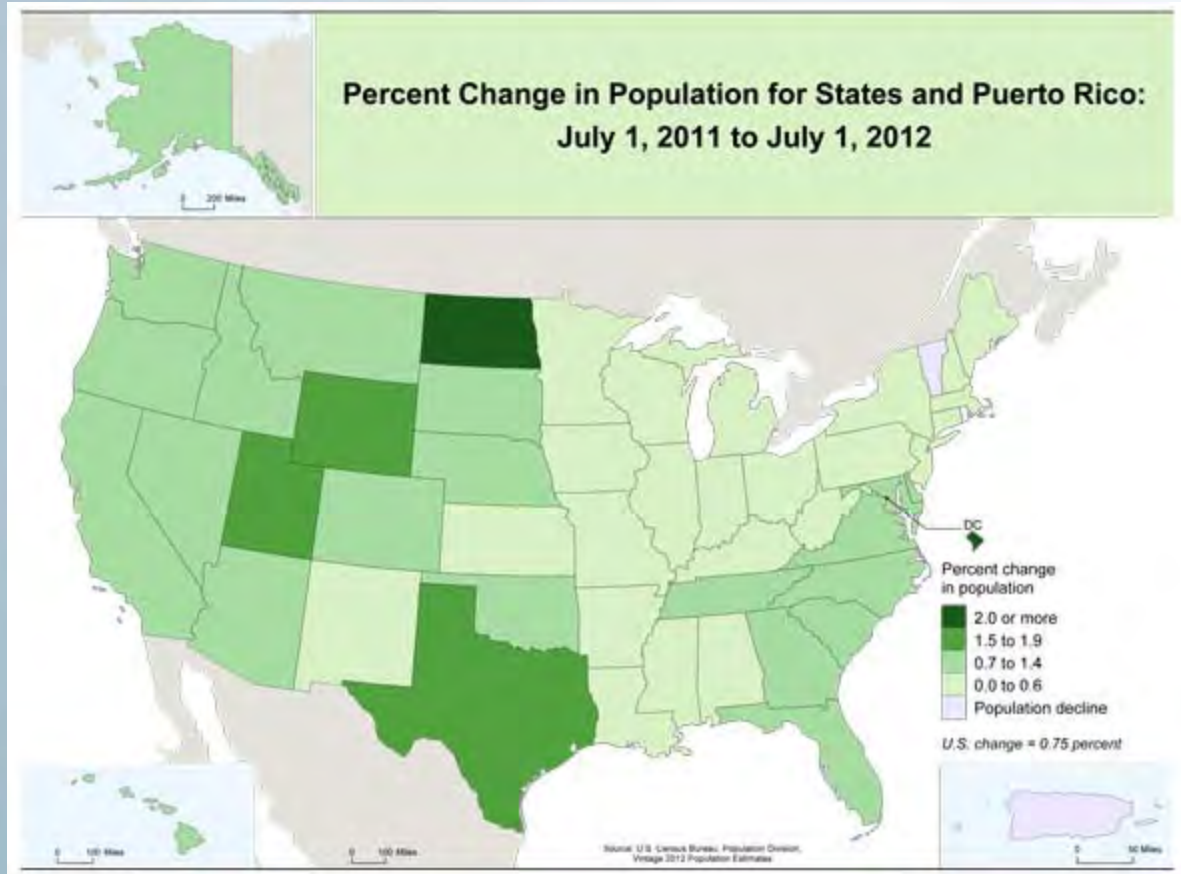


Percent Change in Population: 2010 to 2012



Source: U.S. Census Bureau, Population Division.

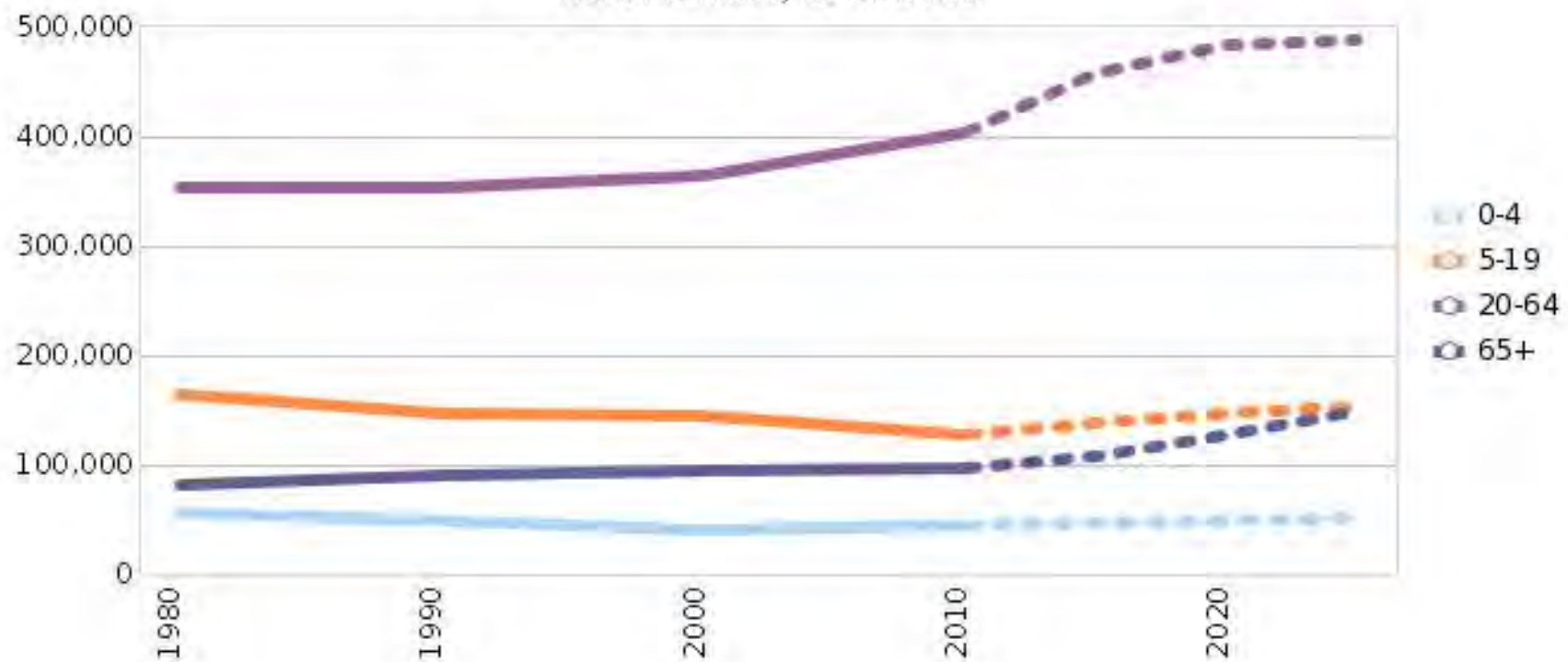
Percent Change in Population: 2011 to 2012



North Dakota's population grew 2.2% from 2011 to 2012, the fastest growth among all states.

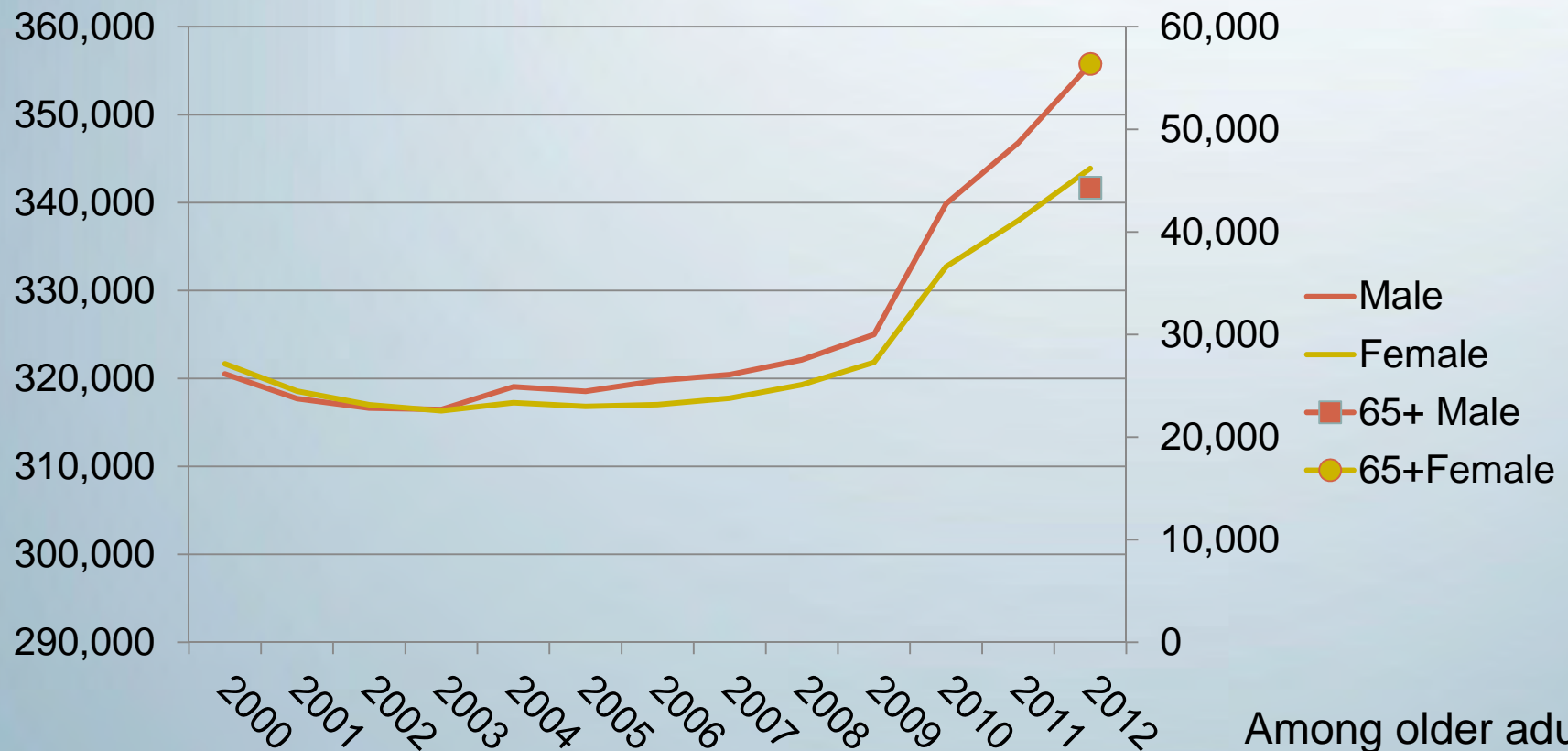
Population by select age groups, trend and forecast

North Dakota, 1980-2025



Source: ndcompass.org

Gender Distribution in North Dakota



Source: U.S. Census Bureau, Population Division

Among older adults, ND had 77 men for every 100 women.

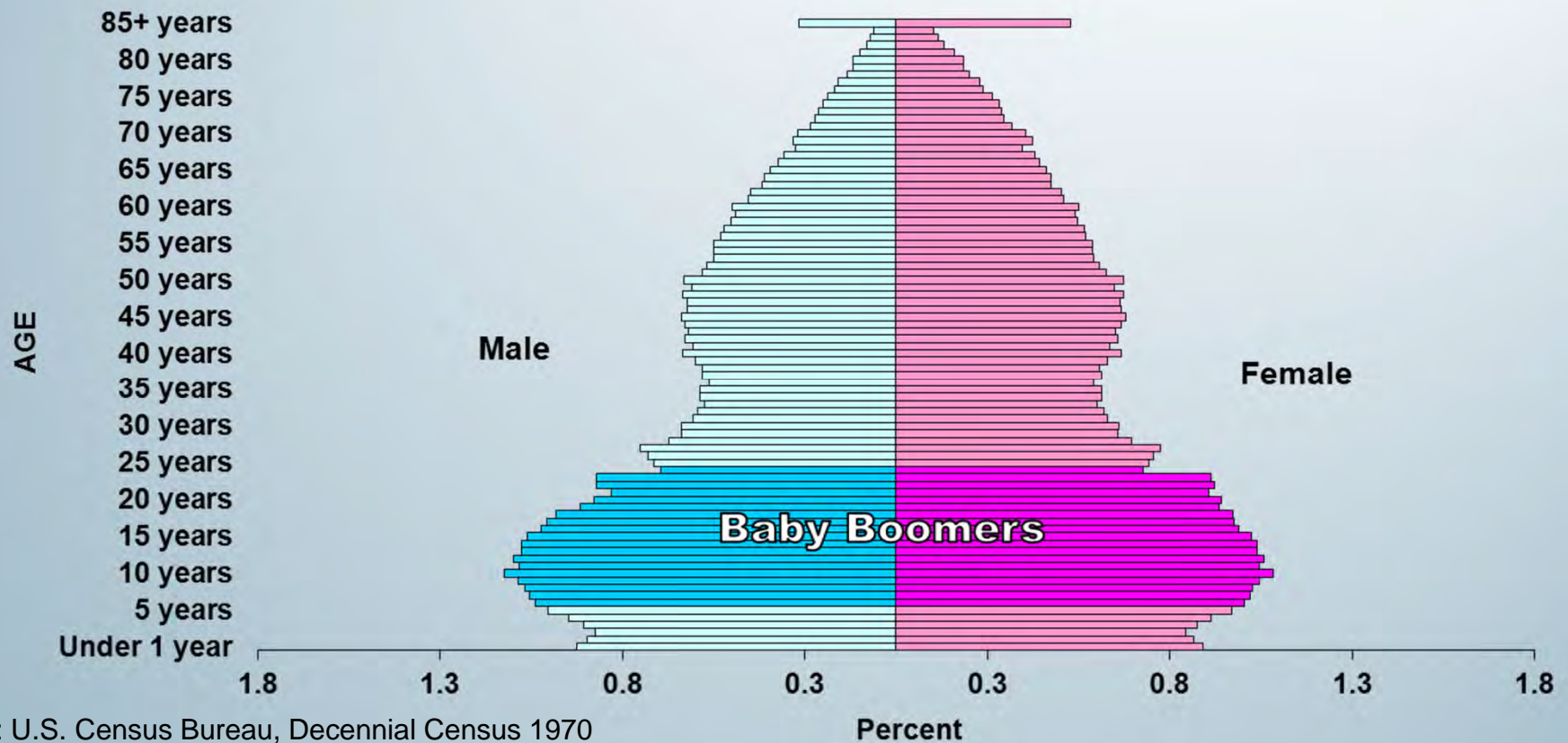
North Dakota's Aging Population

Profile and trends of older adults –
ages 65 years and older

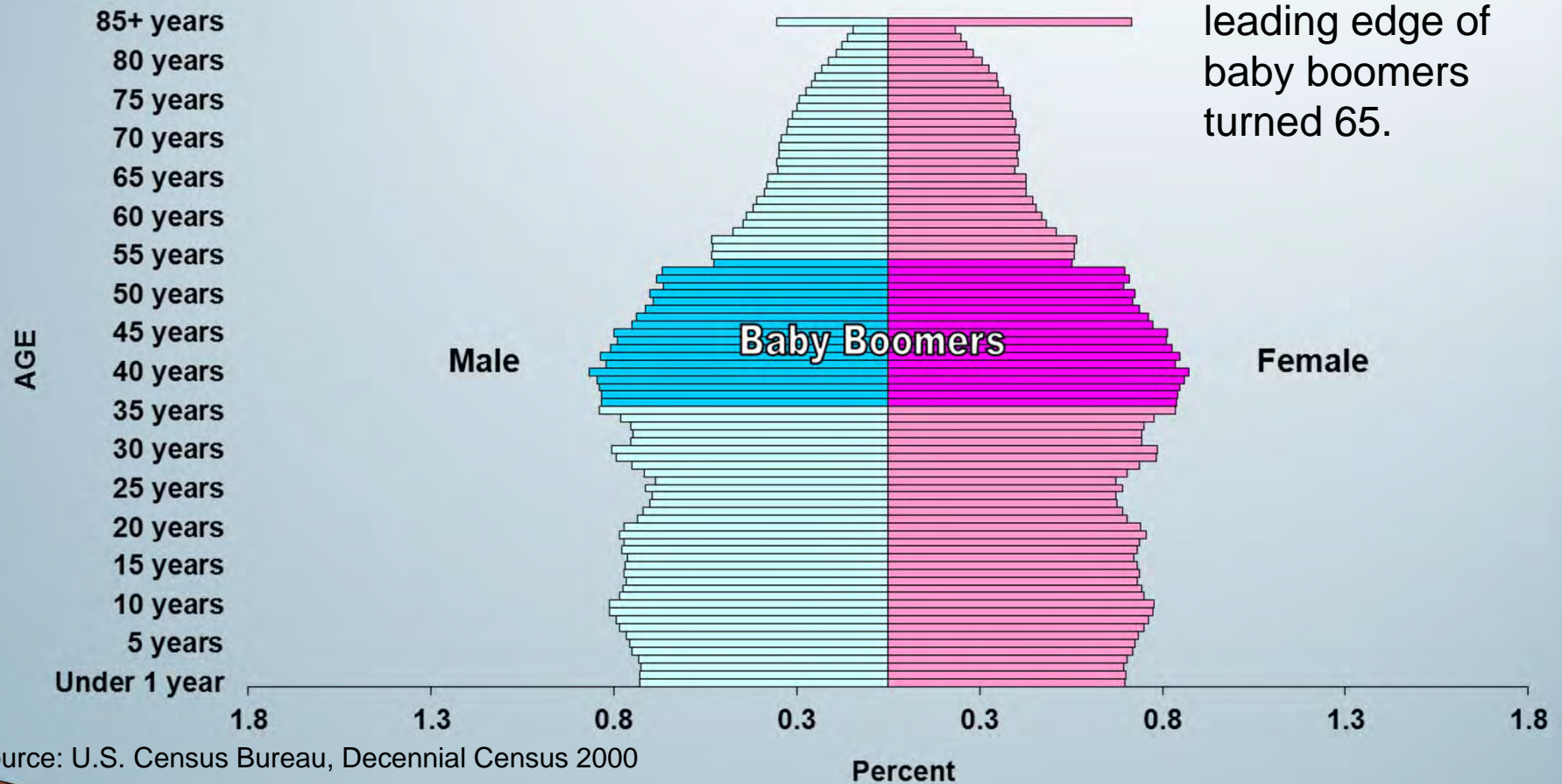
The Shifting Landscape For Older Adults in North Dakota

- ▶ Robust economic climate has created opportunities but also challenges for western ND
 - Strain for services
 - Inflated housing demand (higher rents, higher property taxes)
 - Dynamic population
- ▶ Shifting concentration of seniors
 - Aging of baby boomers
 - Population loss or mixed growth
 - Improvements in life expectancy

Population by Single Year of Age and Sex in the U.S. : 1970

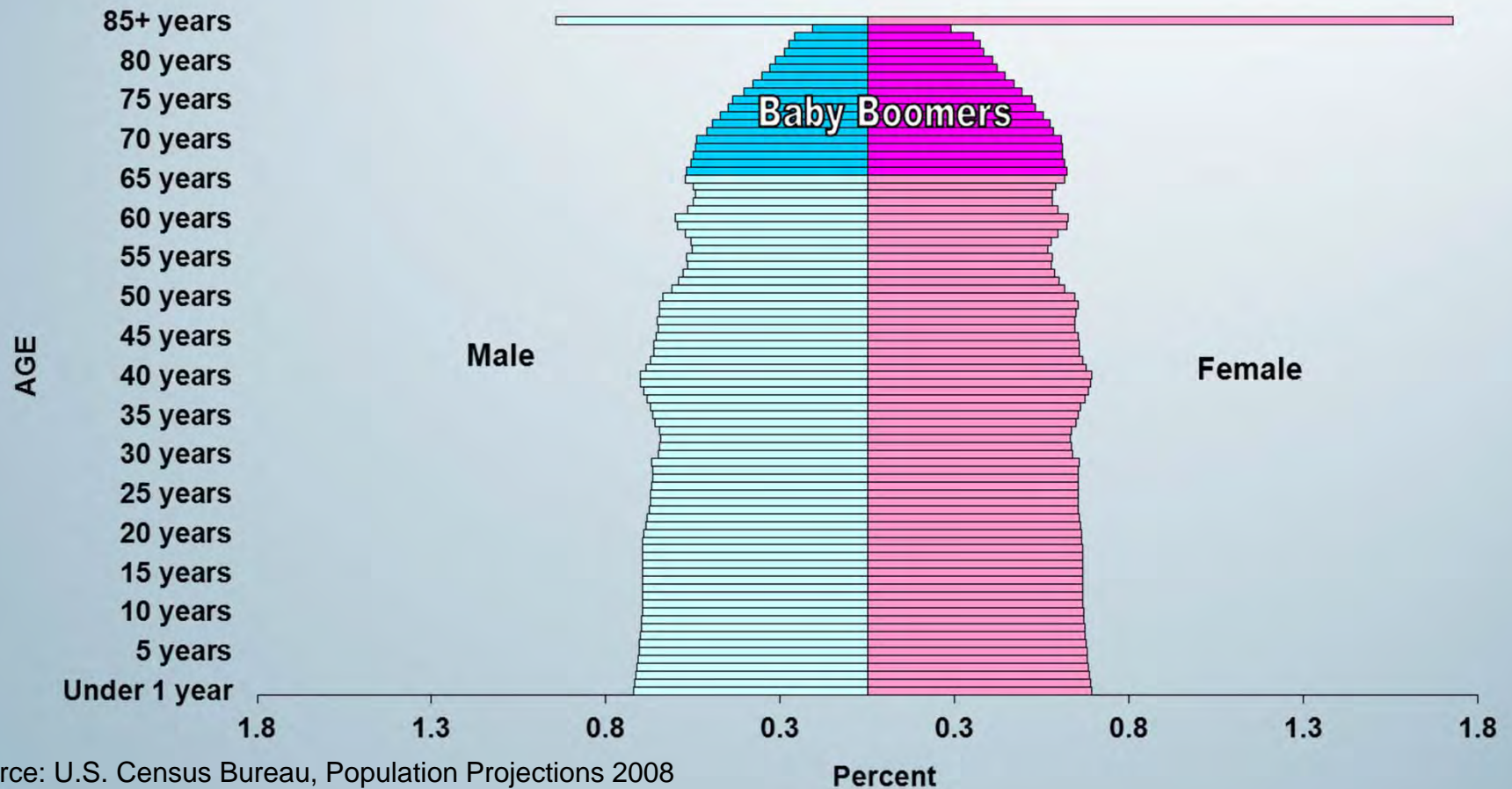


Population by Single Year of Age and Sex in the U.S. : 2000

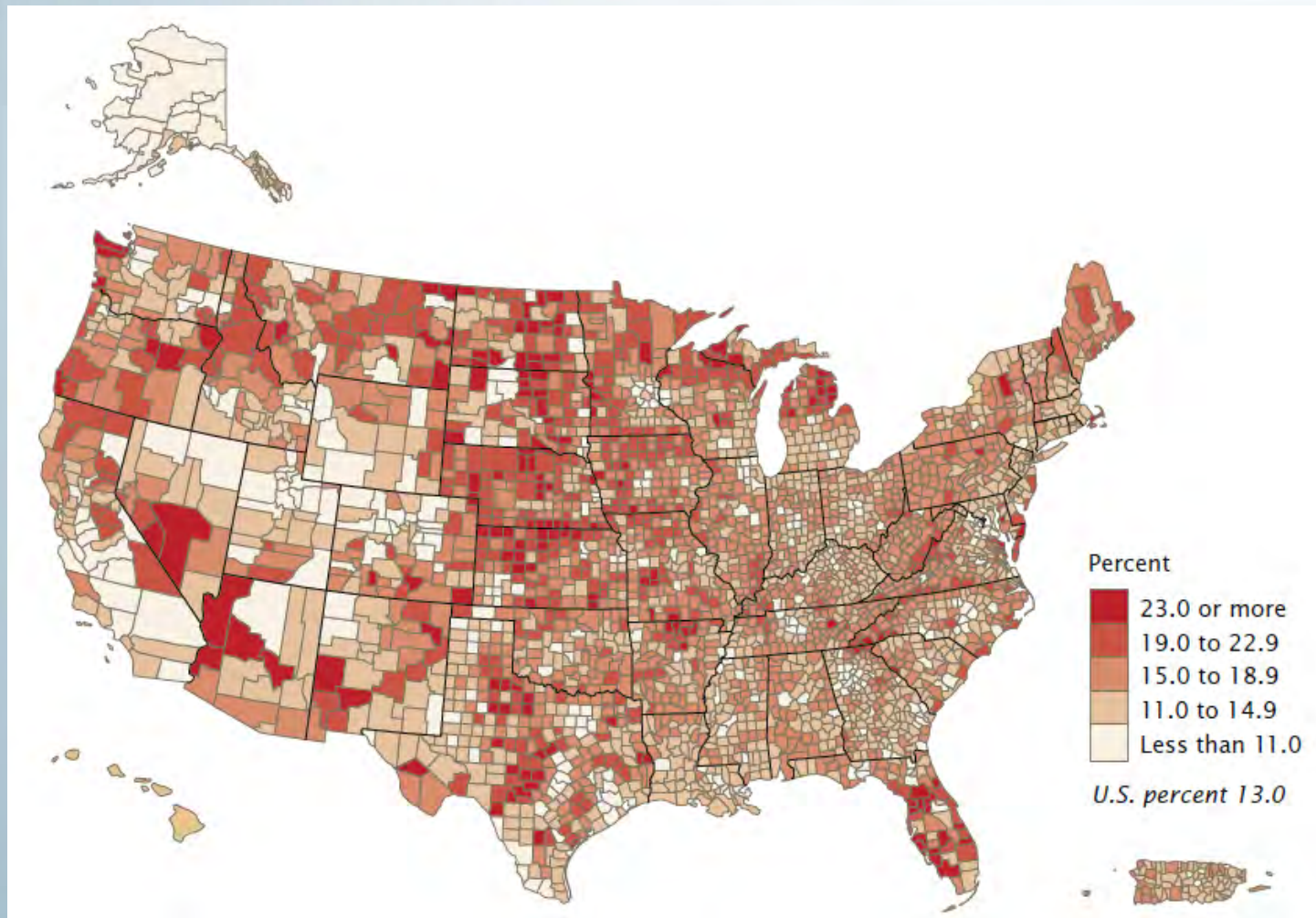


Source: U.S. Census Bureau, Decennial Census 2000

Population by Single Year of Age and Sex in the U.S. : 2030



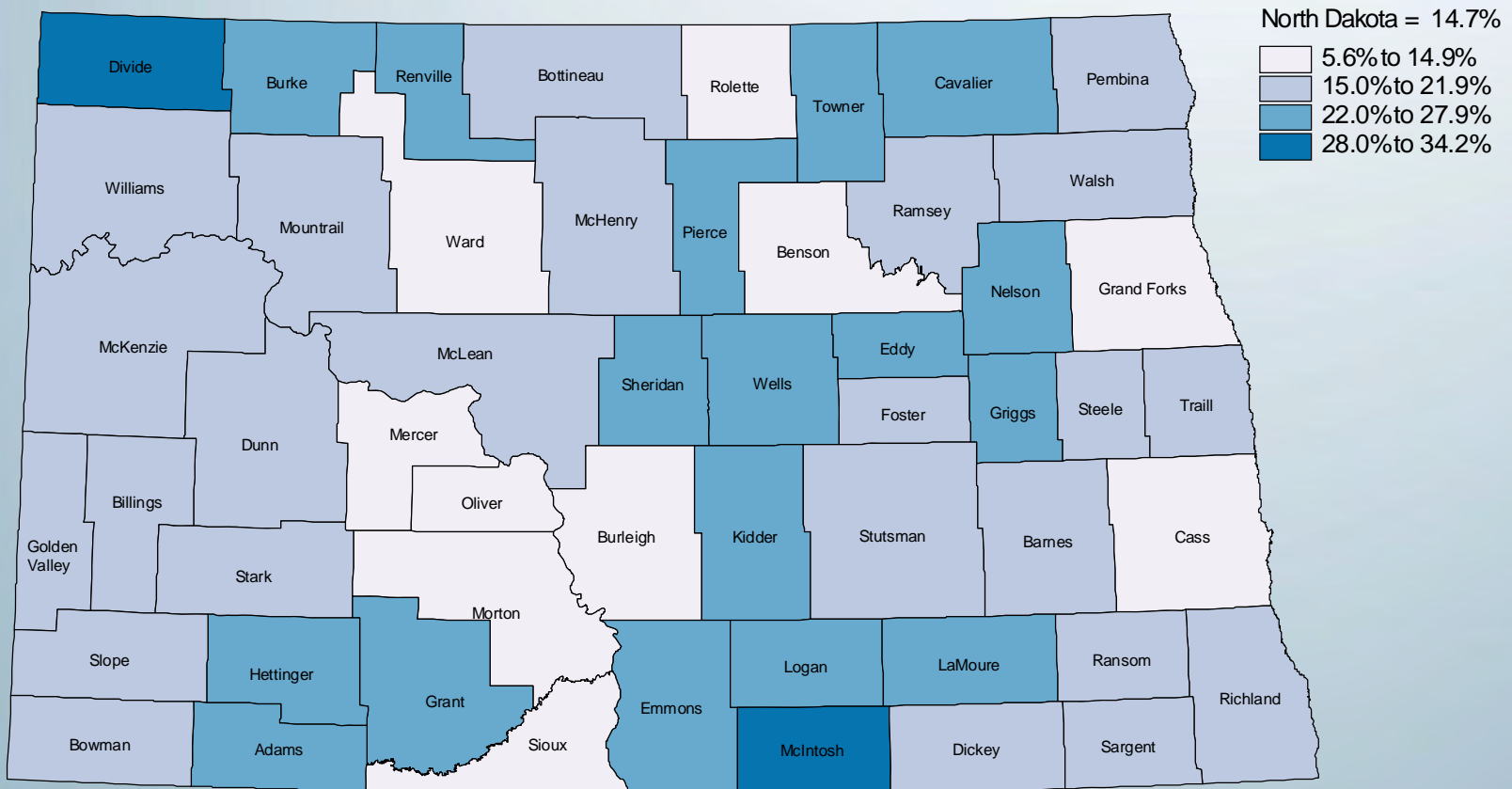
Percent Ages 65+: 2010



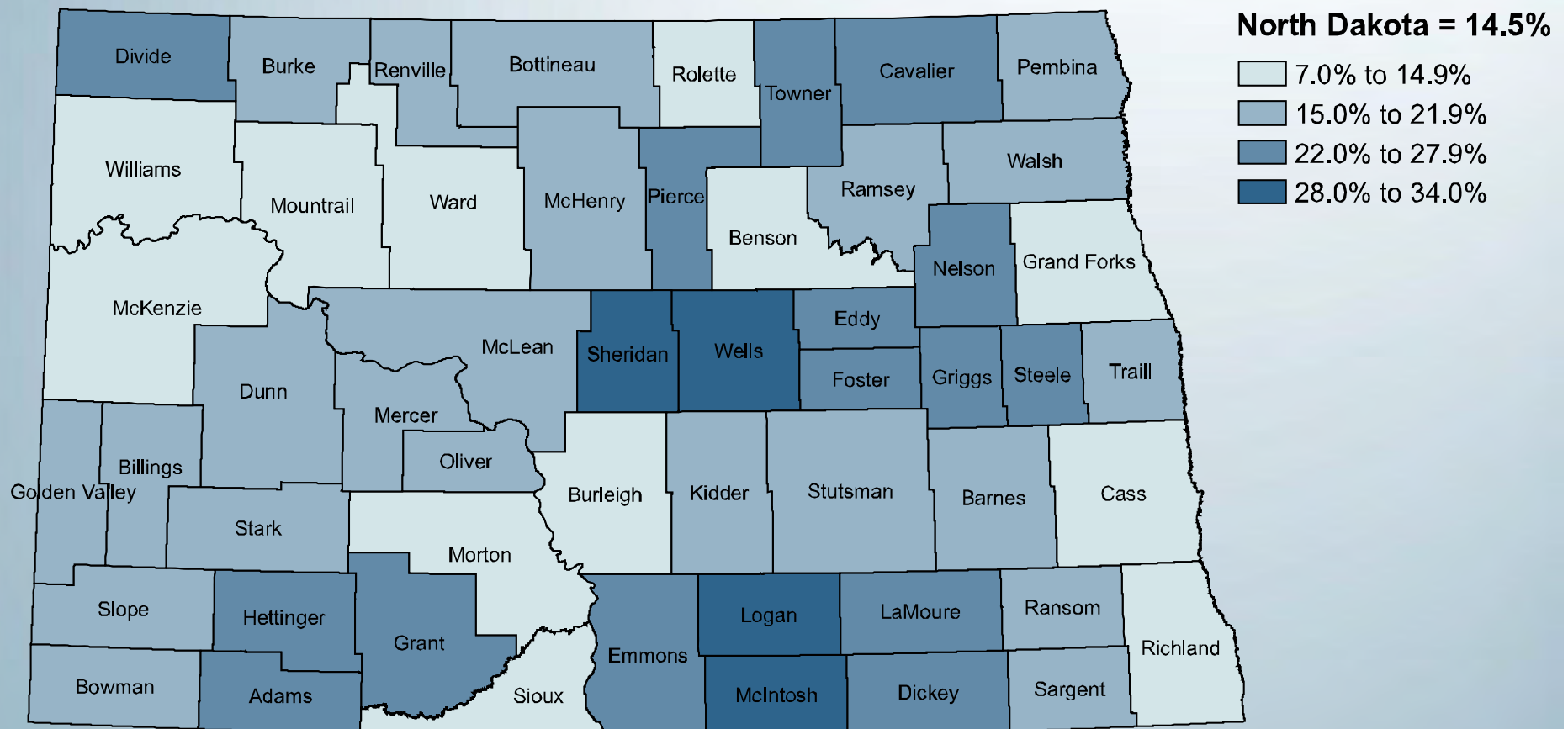
Percent Ages 65+: 2000

Persons Ages 65 and Older as a Percent of the Total Population in North Dakota by County: 2000

Source: U.S. Census Bureau, Census 2000



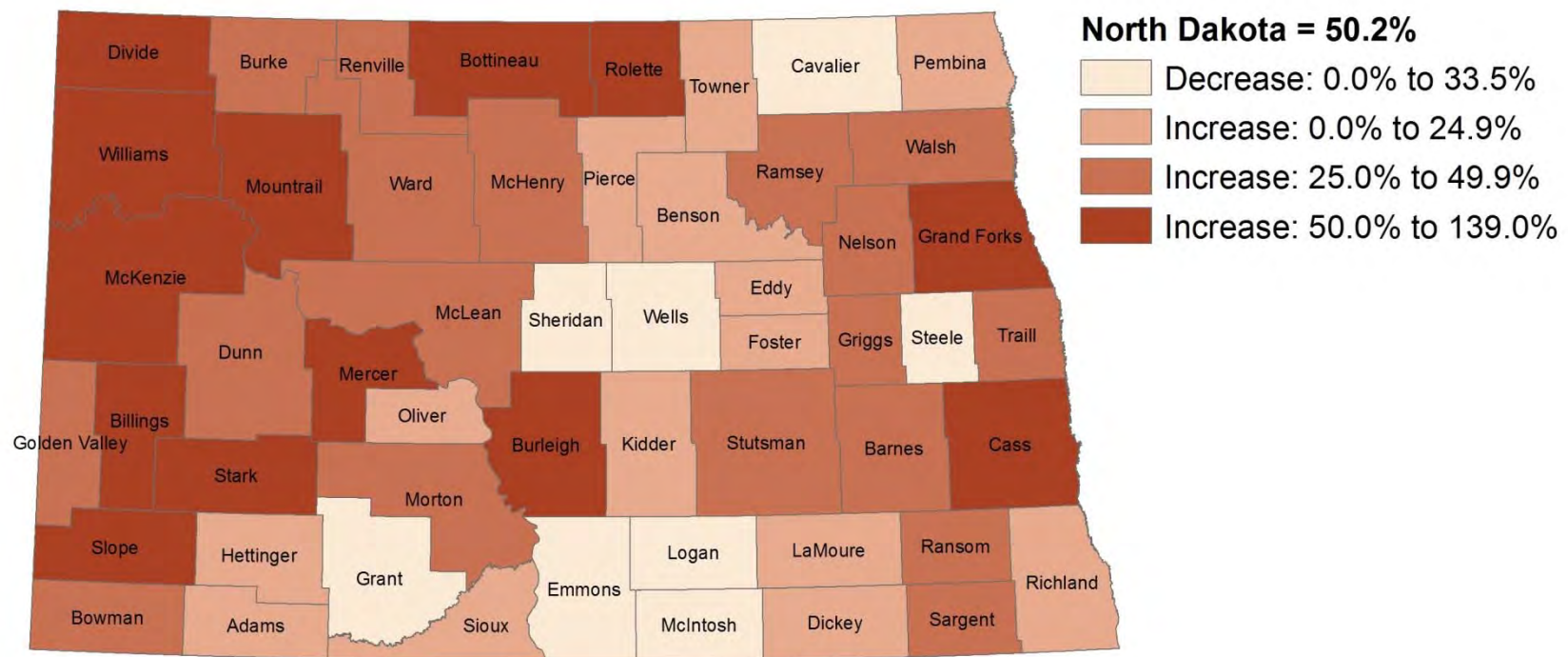
Percent Ages 65+: 2012



Population Increase Projected

- ▶ Overall state proportion expected to rise to 18% (from current 14%).
 - ▶ Increases in other age groups (due to oil boom) lessening the “graying of ND”
- ▶ The number of older adults in ND is expected to increase 50%.
 - From 98,595 in 2011 to 148,060 in 2025.

Projected Percent Change in Ages 65+: 2011 to 2025



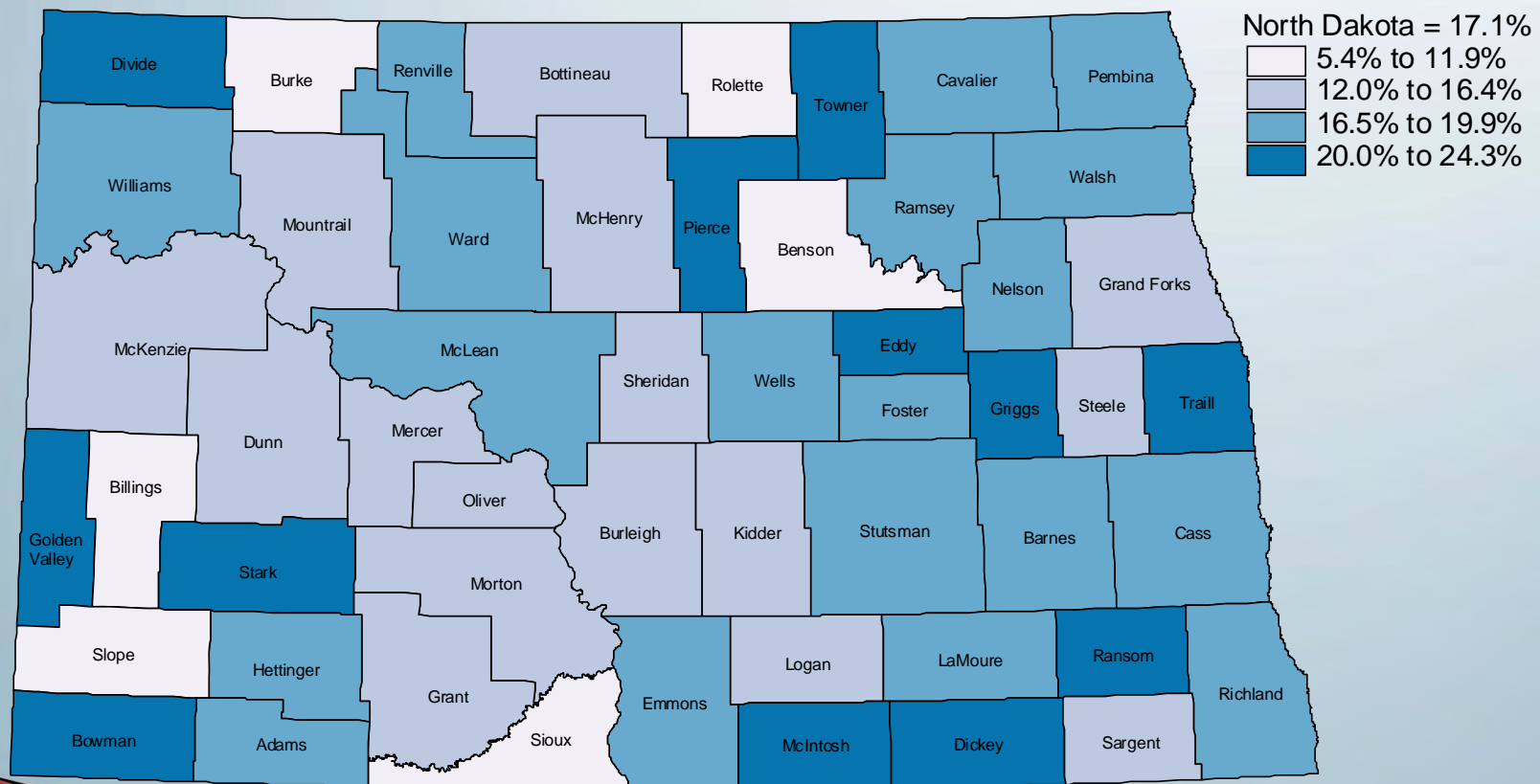
The Oldest-Old Population

- ▶ In 2012, ND had the 2nd highest proportion of older adults ages 85+ in the nation at 2.5%.
 - More than doubled from 1980 to 2012
 - Expected to stay fairly stable during the next 14 years
 - Likely to grow again when baby boomers reach this age bracket
- ▶ In 2010, ND had 221 residents age 100 and older
 - 90% were women

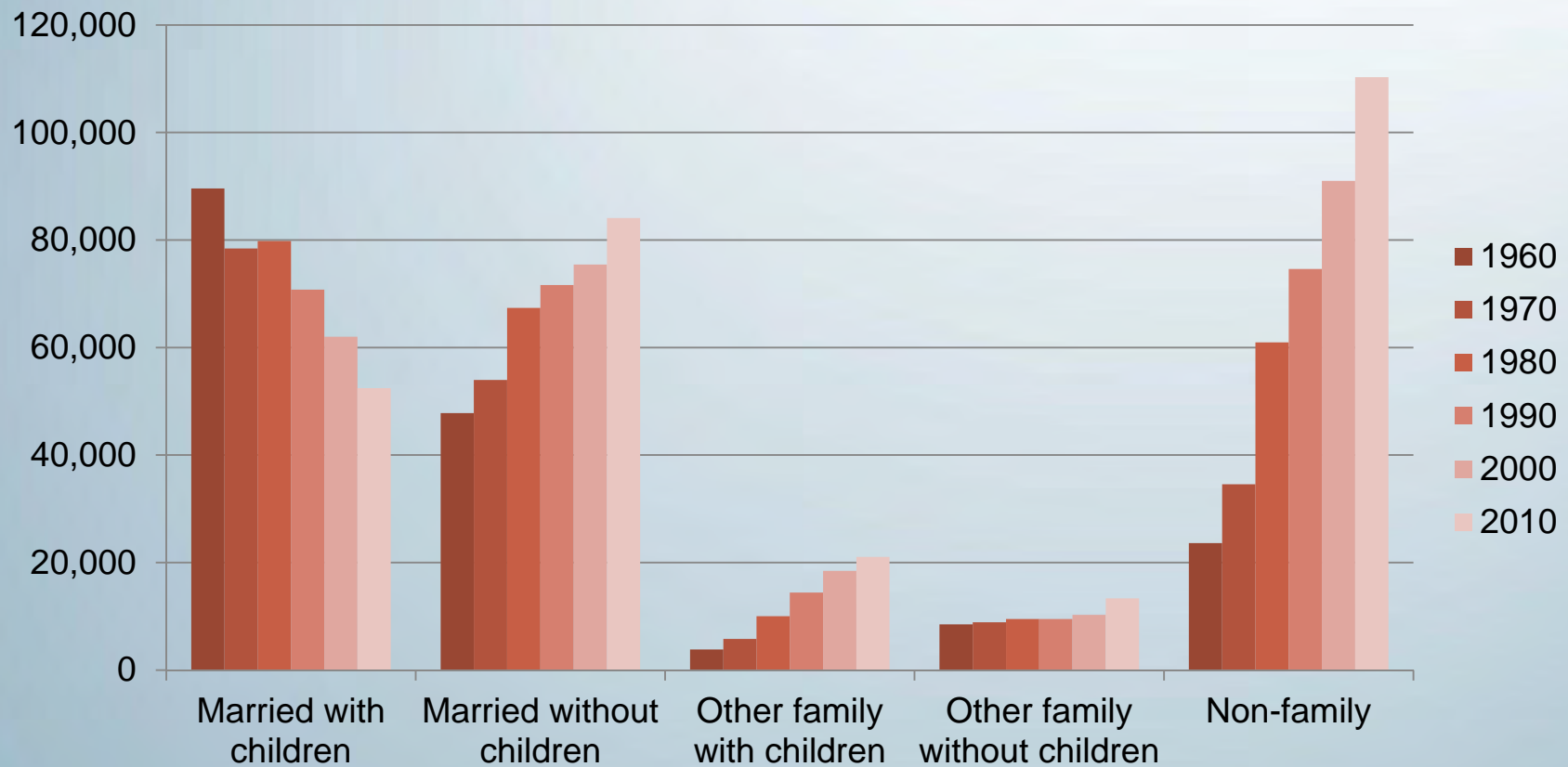
Percent Older Adults Ages 85+: 2010

North Dakota Seniors Ages 85 and Older as a Percent of Seniors Ages 65 and Older in North Dakota by County: 2010

Source: U.S. Census Bureau, 2010 Census Summary File 1

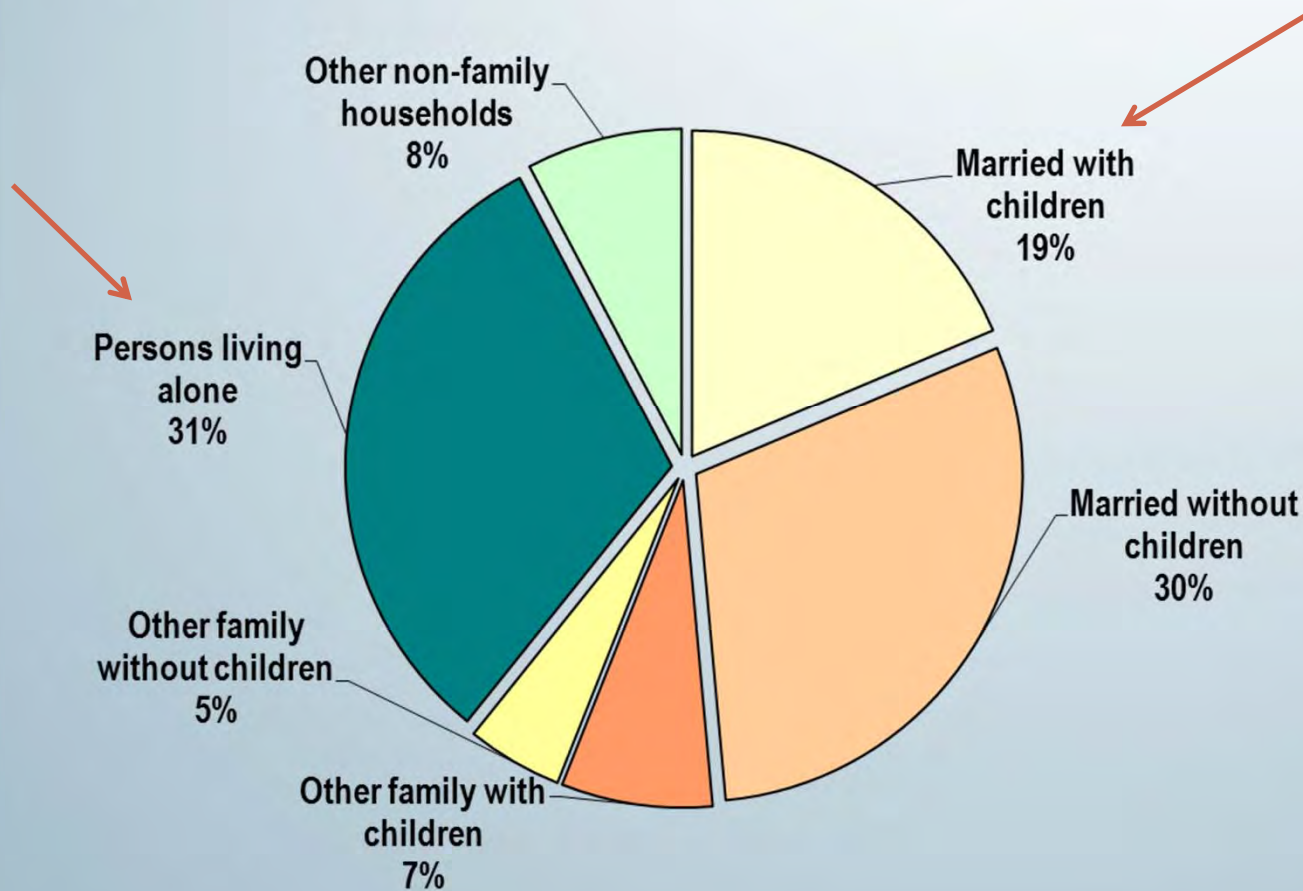


Households by Type in North Dakota



Source: U.S. Census Bureau

Household Types in North Dakota: 2010



Source: U.S. Census Bureau

Households

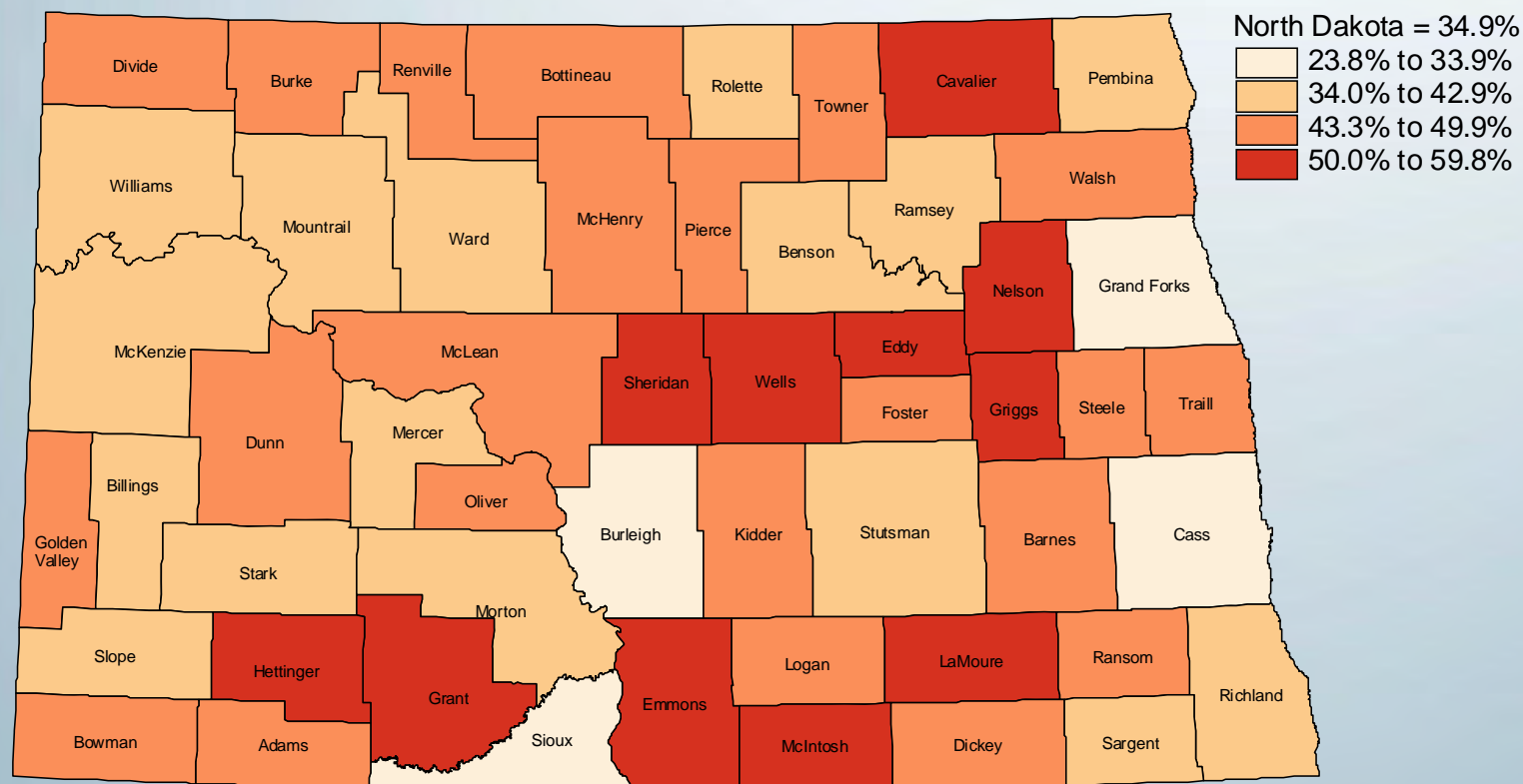
- ▶ The vast majority of older adults in ND live in households.
 - 24% of all households has at least one older adult.
- ▶ More than 61,000 heads of households (householders) are older adults.
 - Half live alone – 2nd highest proportion in the nation – compared to 44% nationally.
 - 72% of senior householders living alone are female.

Source: U.S. Census Bureau, 2007-2011 ACS 5-Year

Single-Person Households, Percent 65+: 2010

Of Householders Living Alone, Percent Age 65 Plus in North Dakota by County: 2010

Source: U.S. Census Bureau, 2010 Census Demographic Profile



Marital Status of Older Adults

- ▶ More than half of older adults in ND are married.
 - 31% widowed
 - 7% divorced
 - 5% never married



- ▶ Approximately 1% of seniors live with grandchildren.
 - About one in four of these seniors is responsible for the care of his/her grandchildren

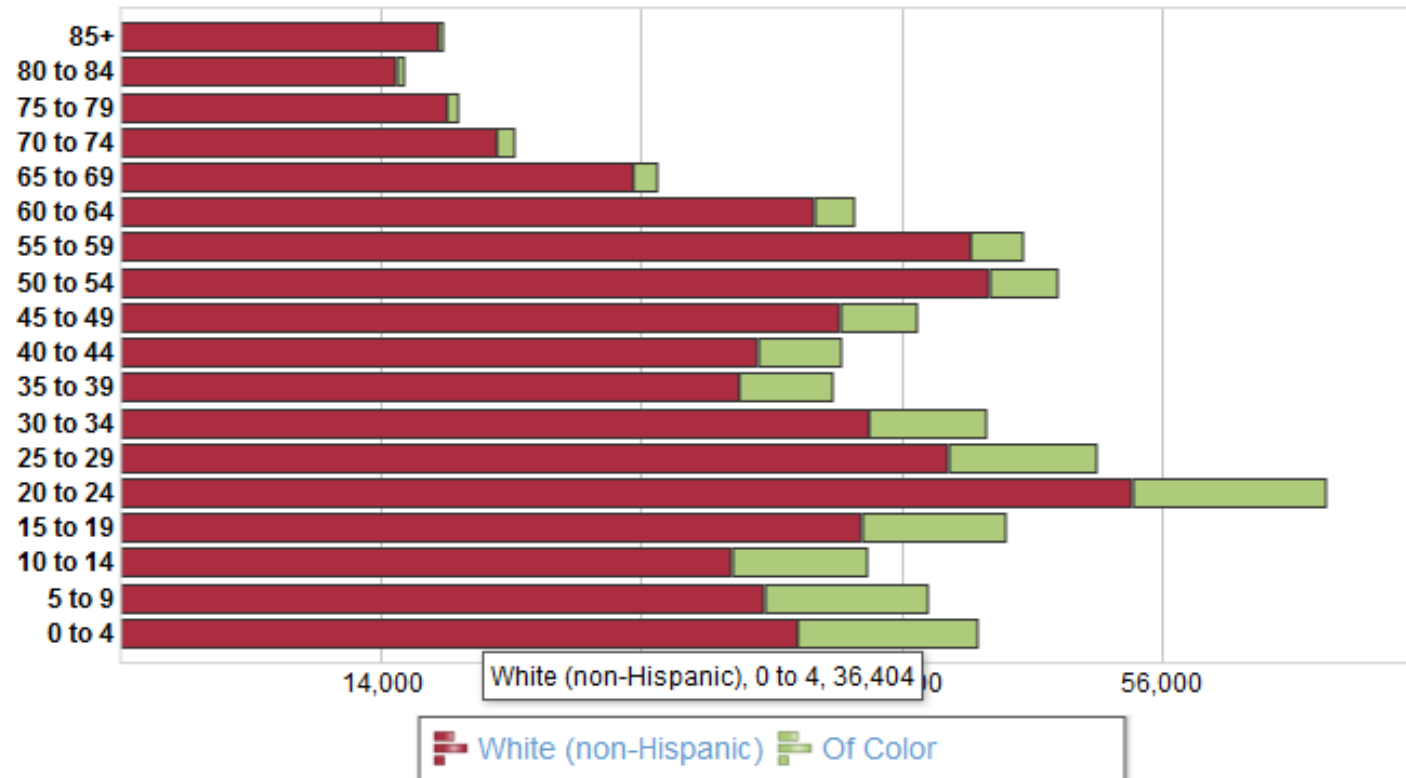
Demographics

- ▶ Twice the proportion of ND older adults are veterans compared to the overall population.
- ▶ Educational attainment among older adults is less than that of the overall state population.
- ▶ Most ND older adults are non-Hispanic white.

Source: U.S. Census Bureau, 2010 Census and 2007-2011 ACS 5-Year

Population by age and race

North Dakota, 2012



Sources:

U.S. Census Bureau, Population Estimates.

Source: ndcompass.org

Housing

- ▶ Most older adults in ND have not moved in the previous year (93% compared with 83% of all North Dakotans).
- ▶ 73% of senior households are owner-occupied (4th lowest proportion in the nation)
 - Nationally, 79% are owner-occupied.



Source: U.S. Census Bureau, 2007-2011 ACS 5-Year

Health–Care

- ▶ 97% of ND older adults have some kind of health–care coverage.
 - In the U.S., most older adults are eligible for Medicare.
- ▶ Access to health–care services is an issue in North Dakota
 - 35% of all North Dakotans live in a primary health–care professional shortage area.

Long-Term Care Facilities

- ▶ In 2010, about 6% of ND older adults live in skilled nursing facilities.
 - The majority of these residents are 85+.
 - Two-thirds of nursing home residents are female.
- ▶ In 2009, ~10% of ND older adults had at least one nursing home stay.
 - 30% of residents 85+ had at least one stay.

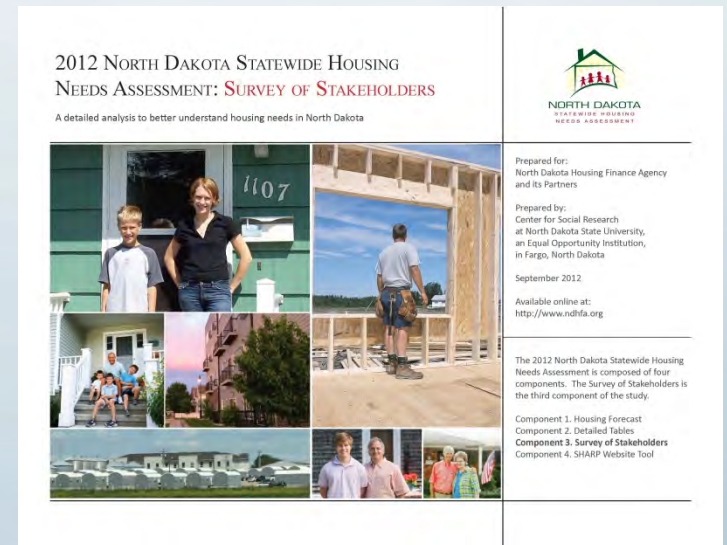
Economics – Housing

- ▶ Many ND senior householders experience cost-burdened housing.
 - Owner-occupied: 21% are cost-burdened compared to 29% nationally.
 - Renter-occupied: 47% are cost-burdened compared to 54% nationally.

Source: U.S. Census Bureau, 2007-2011 ACS 5-Year

2012 Statewide Housing Survey of Key Leaders and Stakeholders

- ▶ Respondents surveyed:
 - Are in moderate agreement that escalating housing costs are forcing older adults and low-income families to move.
 - Believe that older adults needing skilled-care facilities are getting their needs met moderately well and better than older adults wanting to age in place at home.



Poverty

- ▶ The poverty rate among older adults in ND (for whom poverty has been determined) is 12% (same as overall state rate).
 - 11 counties have at least 20% of their older adults living in poverty.



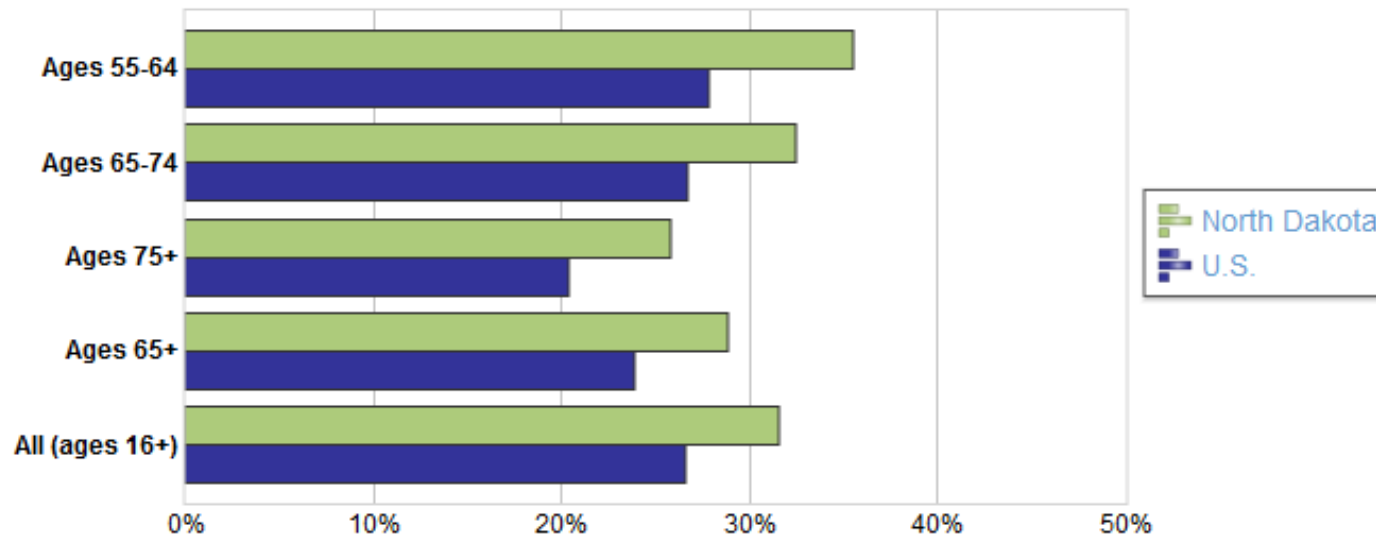
Source: U.S. Census Bureau, 2007-2011 ACS 5-Year

Economics – Labor Force

- ▶ The ND retirement ratio was 24% in 2010 compared to 22% nationally.
 - 9th highest ratio in the nation
 - People 65+ as a proportion of those 20 to 64
- ▶ 19% of older adults in ND are in the labor force.

Older adults who volunteered in the past year by detailed age

North Dakota and U.S., 2009-2011



One in three older adults ages 65 to 74 and one in four older adults ages 75+ did volunteer work in the previous year.

Notes:

The estimates shown here are based on data collected between 2009 and 2011, and therefore describe the average characteristics for that 3-year time period. Volunteering is defined as unpaid activities performed for or through an organization.

Sources:

Current Population Survey, Volunteer Supplement, conducted by the U.S. Census Bureau for the Bureau of Labor Statistics.

Source: ndcompass.org

Economics – Income/Assistance

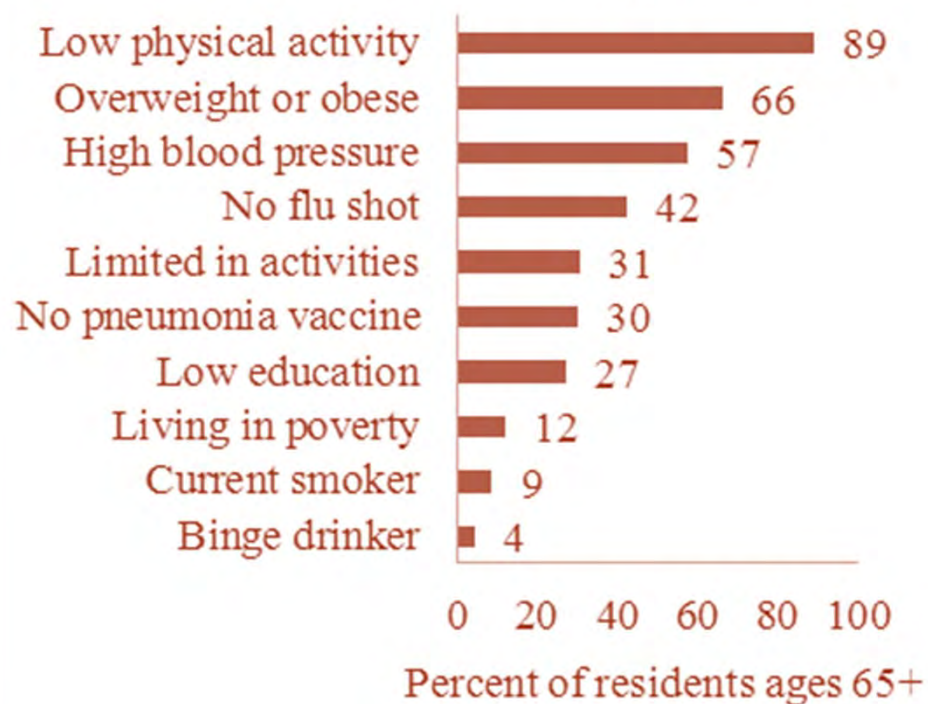
- ▶ Older adult households receive income from a variety of sources:
 - Social Security – 94% (mean = \$15,714)
 - Earnings – 36% (mean = \$33,219)
 - Retirement income – 31% (mean = \$17,236)
 - Supplemental Security – 3% (mean = \$8,030)
 - Cash public assistance – 1% (mean = \$3,005)

- 6% received Food Stamp/Supplemental Nutrition Assistance Program benefits

Source: U.S. Census Bureau, 2007-2011 ACS 5-Year

Health Risk Factors Among North Dakota Older Adults

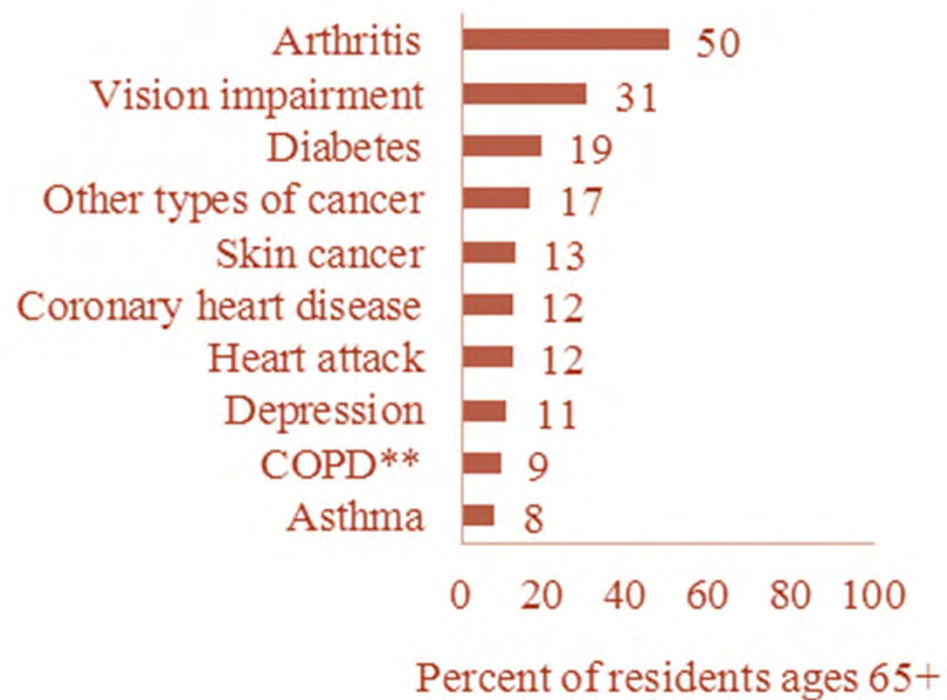
Figure 3. Health Risk Factors Among North Dakota Seniors, 2011



“North Dakota’s Aging Population” – NDSU Extension

Health Issues

**Figure 4. Chronic Disease Prevalence*
Among North Dakota Seniors, 2011**



Source: 2011 BRFSS

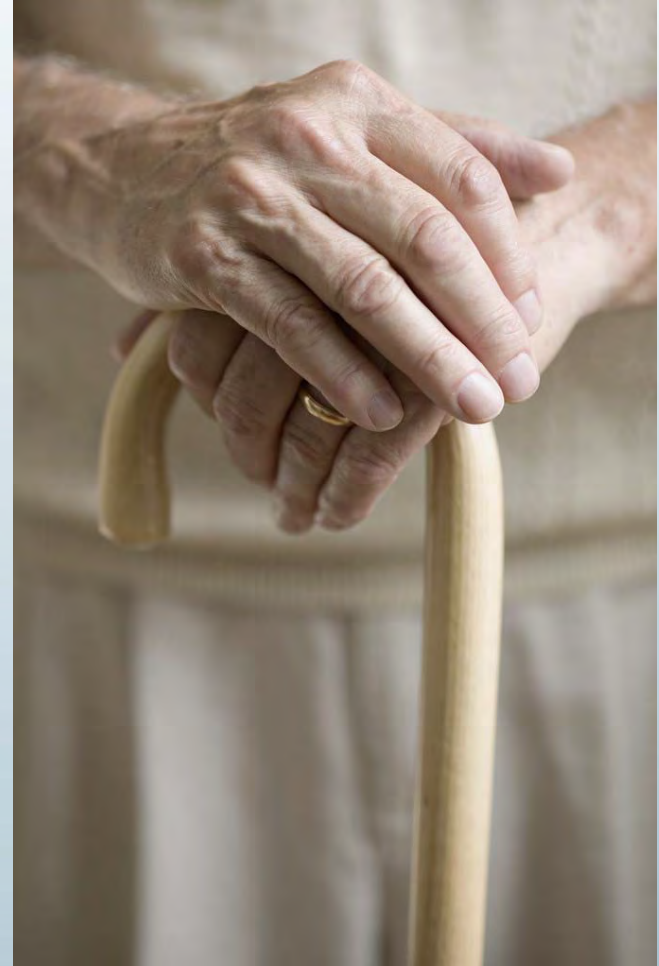
Health Issues

- ▶ Nearly one in three (noninstitutionalized) seniors reports being limited in activities because of physical, mental or emotional problems.
 - 16% require the use of special equipment

Source: 2011 BRFSS

Difficulties and Disabilities

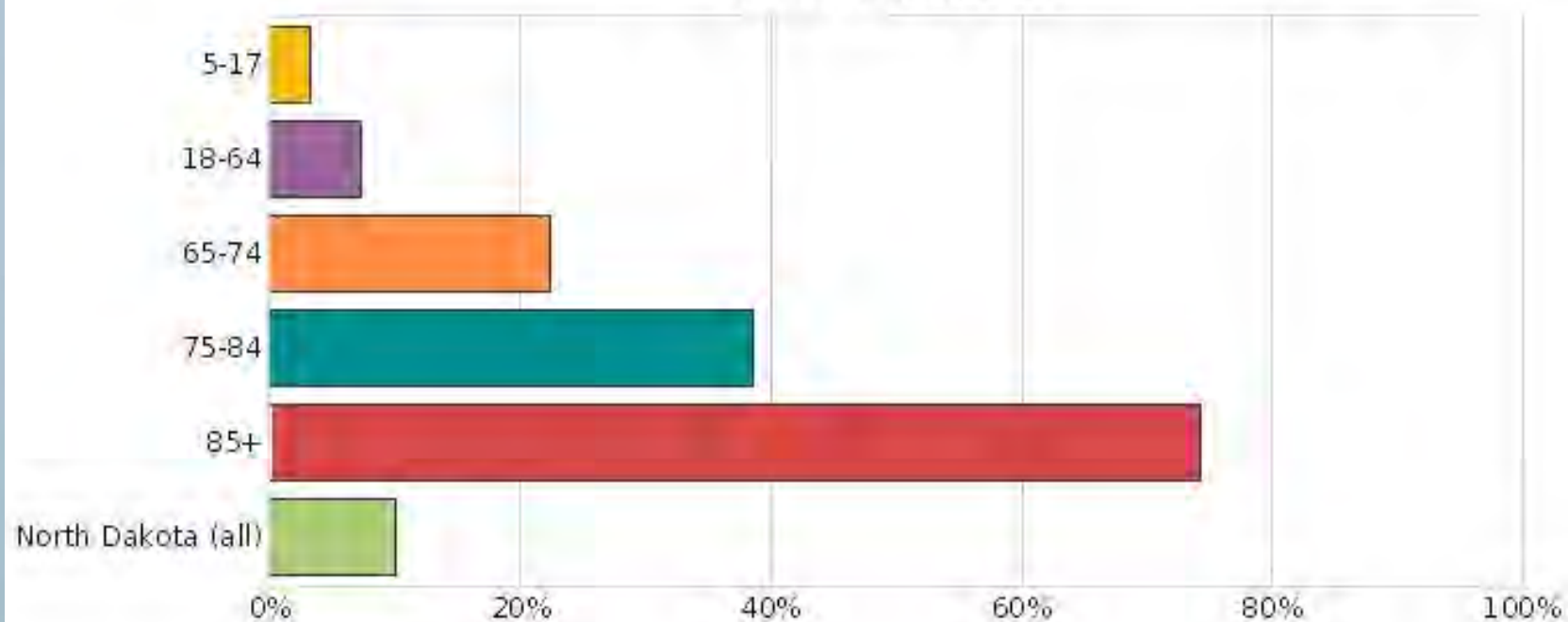
- ▶ More than one-third of (noninstitutionalized) older adults report having a disability (35%).
- ▶ Difficulties include:
 - Ambulatory (20%)
 - Hearing (16%)
 - Independent living (13%)
 - Vision (7%)
 - Cognitive (6%)
 - Self-care (5%)



Source: U.S. Census Bureau, 2011 ACS 1-Year

Percent of residents with a disability by age

North Dakota, 2011



Source: ndcompass.org

Falls

- ▶ Among calls ND older adults make for emergency medical services, the vast majority are for falls.
 - 2,779 EMS calls were for falls (87% of all calls by older adults) in 2008.
- ▶ In 2011, 68 deaths were attributed to falls among ND older adults ages 70+.

Source: North Dakota Department of Health

Cognitive Impairment

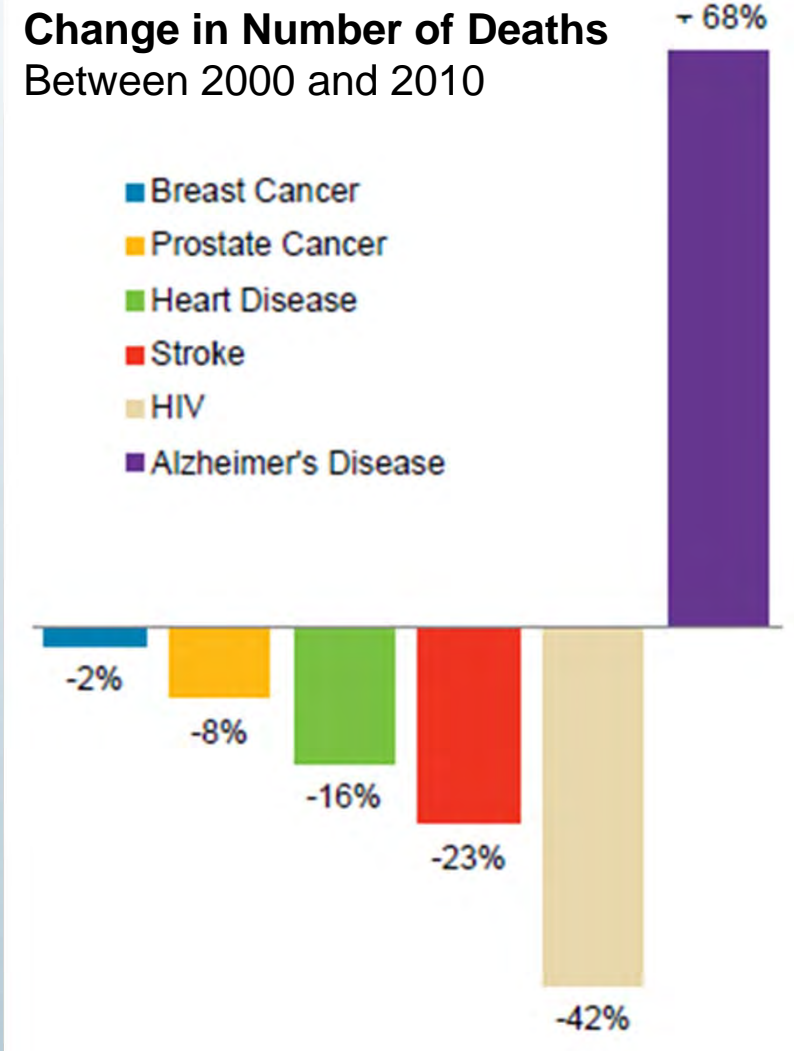
- ▶ Among ND nursing home residents in 2009:
 - 47% had severe or moderate cognitive impairment
 - An additional 31% had mild or very mild impairment
- ▶ Alzheimer's disease is the most common form of cognitive impairment.

Prevalence of Alzheimer's Disease

- ▶ In 2010, about 18,000 ND older adults were living with Alzheimer's disease:
 - 700 ages 65 to 74
 - 7,700 ages 75 to 84
 - 9,800 ages 85 and older
- ▶ Nationally, an estimated
 - One in nine people ages 65 and older and one in three people ages 85 and older have Alzheimer's disease.

Alzheimer's Disease

- ▶ Alzheimer's disease is the 6th leading cause of death in the United States (4th in ND) among older adults
- ▶ Alzheimer's disease continues to increase as a cause of death.
 - However, causes such as stroke and heart disease are decreasing in prevalence.



Source: Alzheimer's Association,
http://www.alz.org/alzheimers_disease_facts_and_figures.asp

Caregiving

- ▶ Nationally, about one in seven people with Alzheimer's and other dementias lives alone.
- ▶ Many do not have someone providing care to them, putting them at higher risk of issues such as:
 - Malnutrition
 - Inadequate self-care
 - Accidental death

Source: Alzheimer's Association

Informal Caregiving

- ▶ In 2012, an estimated 28,000 informal caregivers in North Dakota provided 32 million hours of unpaid dementia care with a value of \$400 million.



Source: Alzheimer's Association

Informal Care

- ▶ National research shows that:
 - Two-thirds of older adults with long-term care needs rely exclusively on informal caregiving by friends and family
 - Half of older adults in need of long-term care who do not have a family caregiver are in nursing homes, compared with 7% who have a family caregiver.

Source: Family Caregiver Alliance

Informal Care

- ▶ Informal care includes:
 - Hands-on health provision
 - Care management
 - Companionship
 - Decision making
 - Advocacy

- ▶ The majority of informal care is provided by women.
 - The average caregiver is in her mid-40s, married, and working outside the home.

Source: Family Caregiver Alliance

Caregiving

- ▶ In addition to the expenses of caregiving, caregiving responsibilities can lead to:
 - Financial hardship through lost wages from reduced work hours,
 - Passing on a promotion
 - Taking a leave of absence
 - Time out of the workforce
 - Early retirement
- ▶ All of which can impact retirement income down the road

Source: Family Caregiver Alliance

Vulnerable Adults

- ▶ In 2012, 515 new cases of vulnerable adults in ND who had been subjected to (or were at risk of) abuse or neglect were reported.
 - Of those, 77% were adults ages 60 and older.
 - 60% of all cases were determined to be self-neglect.
 - The remaining cases were neglect, abuse or financial exploitation.
 - More than one-third of new cases involved adults with Alzheimer's disease or dementia.

Source: North Dakota Department of Human Services

NDSU Extension

- ▶ Extension recently added a Gerontology Specialist position.
- ▶ Focus on education and support needs of older adults and their family members relating to:
 - Falls
 - Aging at home
 - Caregiving

NDSU EXTENSION
SERVICE

Source: <http://www.ndcompass.org/trends/for-discussion/jane-strommen-NDSUExtension-older-adults-Jun13.php>

“North Dakota’s Aging Population: Profile and Trends of Seniors Ages 65 and Older”

NDSU EXTENSION SERVICE
EC1673 JUN. 2013
RAMONA DANIELSON

NORTH DAKOTA’S AGING POPULATION: PROFILE AND TRENDS OF SENIORS AGES 65 AND OLDER

STATEWIDE, THE NUMBER OF NORTH DAKOTA RESIDENTS AGES 65 AND OLDER IS EXPECTED TO INCREASE 50 PERCENT, FROM 98,595 IN 2011 TO 148,060 IN 2025^{2,3}.



OVERVIEW This aging population brief presents a picture of the health, finances and well-being of adults ages 65 and older in North Dakota. The brief focuses on well-being indicators including population, health care, economics, health risks and behaviors, and health status, as well as cognitive impairment and caregiving.

POPULATION

Until the latter part of the 2000s, the “graying of North Dakota” seemed relatively certain; decades of population loss or mixed growth in most counties¹, the aging of the baby boomers (born 1946 through 1964) and improvements in life expectancy led to predictions of increasingly high proportions of elderly in counties throughout the state.

More recently, however, energy development in western North Dakota has contributed to population growth in some areas of the state and demographic shifts across the state. Although proportions are not expected to reach as high of levels as previously projected, the senior population has been growing in the state and will continue to do so.

The leading edge of the baby boom began to turn 65 in 2011. That year, 14.4 percent of North Dakota’s population was ages 65 and older (98,595 people), the 12th highest proportion in the nation⁴. In 16 of the state’s 53 counties, the proportion was at least 23 percent⁵. **Figure 1** offers a national comparison using 2010 data⁶. By 2025, 26 counties are expected to have at least 23 percent seniors⁷.

Statewide, the number of seniors is expected to increase 50 percent (from 98,595 in 2011 to 148,060 in 2025), with the overall state proportion rising to 17.6 percent^{8,9}. In western North Dakota, McKenzie, Williams and Divide counties are expected to more than double their numbers of seniors from 2011 to 2025 (see **Figure 2**)¹⁰.

OVERVIEW This aging population brief presents a picture of the health, finances and well-being of adults ages 65 and older in North Dakota. The brief focuses on well-being indicators including population, health care, economics, health risks and behaviors, and health status, as well as cognitive impairment and caregiving.

In 2011, North Dakota had the second highest proportion of older seniors ages 85 and older in the nation at 2.5 percent⁴. The number of these older seniors more than doubled from 1980 to 2011 (from 8,140 to 17,216 residents), but it is expected to stay fairly stable during the next 14 years^{4,11}.

In 2010, North Dakota had 221 residents age 100 and older (more than double the 103 residents in 1980); 90 percent of these centenarians were women (up from 69 percent in 1980)⁵.

The vast majority of North Dakota residents ages 65 and older live in households (93 percent); one in four of all households has at least one senior (24 percent)⁹. Of the more than 61,000 heads of households (householders) who are seniors, half live alone (second highest proportion in the nation); nationally, 44 percent live alone⁹. Proportions living alone range from a high of 62 percent in Nelson County to a low of 30 percent in Slope County (see **Table 1**)⁹. Among householders living alone, 72 percent are female⁹.

FIGURE 1. PERCENT AGES 65 AND OLDER BY COUNTY: 2010⁶



Prepared by the Center for Social Research at NDSU for NDSU Extension Service. NDSU is an EO/AA institution. For more information, contact Jane Strommen at (701) 231-5948 or Jane.Strommen@ndsu.edu. For more information on this and other topics, see www.ag.ndsu.edu. NDSU encourages you to use and share this content, but please do so under the conditions of our Creative Commons license. You may copy, distribute, transmit, and adapt this work as long as you give full attribution, do not use for profit, do not remove the copyright notice, and share your resulting work similarly. For more information, visit www.ndsu.edu/agricultural/creative-commons. Content contributions, North Dakota State University and U.S. Department of Agriculture regarding North Dakota State University does not discriminate on the basis of age, color, disability, gender expression, identity, genetic information, marital status, national origin, political affiliation, race, sex, sexual orientation, status as a U.S. veteran, and ethnicity. Direct requests to the Fair Housing and Equal Opportunity Office, 205 CH Mark, (701) 231-7758. This publication will be made available in alternative formats for people with disabilities upon request, (701) 231-7768.

Available online at <http://www.ag.ndsu.edu/publications/landing-pages/kids-family/aging-population-65-older-ec-1673>



Introducing North Dakota Compass

www.ndcompass.org

What is ND Compass?

A: a new one-stop social indicators website in North Dakota with tools to help you access and interpret data

A: a data indicators and community improvement project

Compass **gives everyone** in our state
– policymakers, business and community leaders,
concerned individuals who live and work here –
a **common foundation** to identify, understand, and
act on quality of life issues that affect our
communities.

Working to Change the Equation

From:

Good intentions +

No common base of information =

Inefficient decisions

To:

Good intentions +

Sound, credible information +

Common sense of purpose =

***Productive decisions
for strong communities***

A platform for data-driven decision making

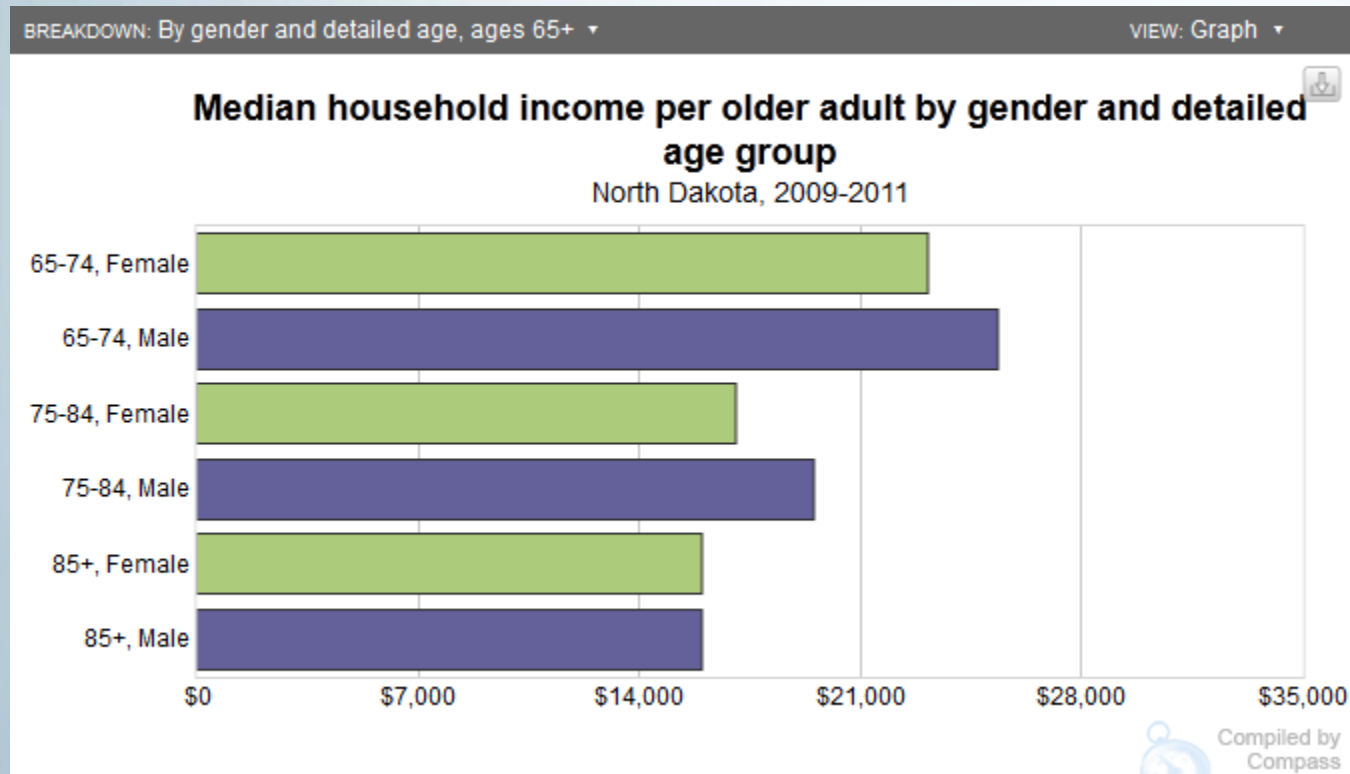
▶ Data Helps:

- Make informed decisions
 - Where to focus efforts
 - Where to allocate resources
- Secure funding
 - Motivate supporters to act and contribute
 - Make a case to funding organizations
- Determine if you are having the impact you seek
 - Tweak processes along the way if necessary

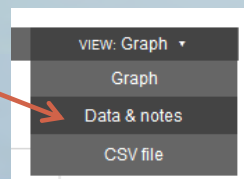
Topic areas and key measures currently on ND Compass...

- ▶ **Aging**
 - Disability ages 65+, median income, volunteerism older adults
- ▶ **Children & Youth**
 - Population trends, Connection to adults, Youth use of alcohol, Youth sexual activity
- ▶ **Civic Engagement**
 - Voter turnout, Volunteerism
- ▶ **Demographics**
 - Population, Age, Race, Disability
- ▶ **Disparities**
 - Age, Gender, Income, Native American Reservation Area, Race
- ▶ **Early Childhood**
 - Low birth weight, Preschool enrollment, Children with working parents
- ▶ **Economy**
 - Economic output (GDP), Jobs, Median income, Poverty
- ▶ **Education**
 - 3rd grade reading scores, 8th grade math scores, High school graduation
- ▶ **Environment**
 - Air quality
- ▶ **Health**
 - Diabetes, Obesity, Health care coverage, Mental health
- ▶ **Housing**
 - Cost-burdened households, Homeownership rate, Homeless persons
- ▶ **Workforce**
 - Postsecondary degree completion, Educational attainment, Proportion of adults working

Compass serves as a data curator and a discussion starter



- Engaging graphs
- Detailed data in the “Data and notes” tables



Age breakdown in *Disparities*

DISPARITIES: AGE

BREAKDOWN: Cost-burdened households: By age of head of household ▾

Cost-burdened households: By age of head of household

Diabetes: By detailed age group

Disability: By age

Disability: By detailed age

Disability: By number of disabilities and detailed age

Disability: By gender and detailed age

Educational attainment: By age

Health care coverage: By age

Health care coverage: By detailed age group

Homeless persons: By age (number)

Homeless persons: By age (rate)

Homeownership rate: By age

Homeownership rate: By detailed age

Low birth weight: By age of mother (all births)

ND Compass provides data and trends for...



- ▶ Various geographic levels, depending on indicator
 - State level
 - National and state-to-state comparisons
 - 8 planning regions
 - 53 counties
 - 3 metropolitan areas and five micropolitan areas
 - Top 15 cities
 - 4 reservations with population – Fort Berthold, Spirit Lake, Standing Rock (entire and ND-part only), Turtle Mountain
- ▶ Various characteristics, depending on indicator
 - Explore age, gender, race, income

ND Compass also has...

- ▶ Analysis of current trends from researchers and commentary from community leaders and stakeholders
 - Major Trends
 - For Discussion
 - Ask a Researcher
- ▶ Cultivated links to “more measures”
- ▶ Links to “ideas at work” in our state and across the nation
- ▶ An e-“library” of recent publications and research-tested strategies

Let's take a peak...

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



TOPICS [Aging](#) [Children & Youth](#) [Civic Engagement](#) [Demographics](#) [Disparities](#) [Early Childhood](#) [Economy](#) [Education](#) [GO](#)
[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 >](#)



STAY INFORMED
Enter your email to sign up for our e-newsletter:
 [GO](#)

PROVIDE INPUT
Are you part of an initiative or collaboration working to improve any of these issues in your area?
Have you read a recently published report or discovered a useful web site on any of these topics?

FOR DISCUSSION
**Economic contribution of the petroleum industry in North Dakota**
Dean Bangsund is a research scientist with NDSU's Department of Agribusiness and Applied Economics. He discusses the recent rapidly increasing economic development in the state as it pertains to the oil and gas industries, along with the challenges it brings.
[READ MORE >](#)

ASK A RESEARCHER
**Annual population estimates tell interesting stories about North Dakota's growth patterns**

HOW TO USE THIS SITE
ND Compass explores a set of key measures for each topic area. In addition to tracking statewide trends, Compass provides data, when possible, by region, county, reservations, and larger cities (click on the map above or [here](#) to see more details). Within each topic, click on a key measure and choose "breakdown" to see what specific indicators, geographies, and characteristics are available. To find more detailed information, including data sources, definitions, or qualifications, go to the "View" drop down menu found above each key

A Dynamic Site, Always Under Development

- Topics under development:
 - Public Safety
 - Transportation
- Toolkit under construction:
 - Community Building
- ▶ Geographic profiles
- ▶ Color scheme
- Data updates occur frequently
- New resources are continuously being added
- On-going Facebook posts reflecting timely research and data
- New topics are explored every month in our columns and newsletter

Major Trends

- *Vibrant Communities*
- *Shifting Economy and Workforce*
- *Healthy People and Families*

▶ Current *For Discussion* piece

- By Dean Bangsund, research scientist with NDSU's Department of Agribusiness and Applied Economics
- "Economic contribution of the petroleum industry in North Dakota"

▶ Current *Ask a Researcher* Piece

- By Megan Chmielewski, a researcher with Minnesota Compass and Wilder Research
- "Annual population estimates tell interesting stories about North Dakota's growth patterns"

Partnership with Wilder Research

- ▶ Created and operates the award-winning MN Compass site
 - mncompass.org
 - Serves as the model for ND Compass
 - Run the “back-end”
- ▶ Where possible, topics and data are available on BOTH sites
 - Especially beneficial to communities along the Red River Valley



Input from the Community

- Steering Committee
- Advisory Committee
- Topic-specific Technical Working Groups

ND Compass engages data users, community stakeholders, and funders to:

Assess relevancy of topics and key measures

: Reflect quality-of-life

: Data availability

Suggest resources

Help champion our site

Sustainability for Compass

Other Partners



- Investments from communities, tribal entities, local and regional foundations, businesses, and individuals.
- Sponsorships at an annual conference to discuss trends and future directions.
- Collaborations on research and projects.
- In-kind support.

Compass provides:

- ▶ Data and resources to help you make informed decisions, secure funding, and determine if you are having the impact you seek.
- ▶ Information that will help the community make informed decisions about how to become a better place to live, work, and raise families.



How can you get involved?

- Explore ndcompass.org
- Sign up for the e-newsletter
- Follow us on Facebook
- Tell us how you have used Compass
- Suggest a resource
- Tell others about Compass
- Serve on a technical working group
- Become a financial supporter

Questions?

- Ramona Danielson, Assistant Director
- 701-231-9496
- ramona.danielson@ndsu.edu



- ✓ Visit the website at www.ndcompass.org
- ✓ Sign up for our monthly e-newsletter 
- ✓ Connect with ND Compass on Facebook (/NDCompass) 
- ✓ Email us at ndsu.ndcompass@ndsu.edu

Summary

1. Historical shifts and trends in the population and demographics of people aged 65+ in ND.
2. Health care access, risks, and cognitive impairment issues of ND's older population.
3. ND Compass, which includes social indicators for the aging population of ND.