Demographic Trends Impacting Our North Dakota Communities

NORTH DAKOTA **COMPASS**

Measuring progress.
Inspiring action.

AARP ND 2013 Volunteer Conference
Fargo, ND
October 23, 2013

Ramona Danielson
Assistant Director of ND Compass, www.ndcompass.org
Center for Social Research at NDSU, www.ndsu.edu/csr

Presentation Objectives:

1. To introduce the social indicators website ND Compass.

2. To examine demographic trends impacting North Dakota's communities.

ND Compass

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.

4
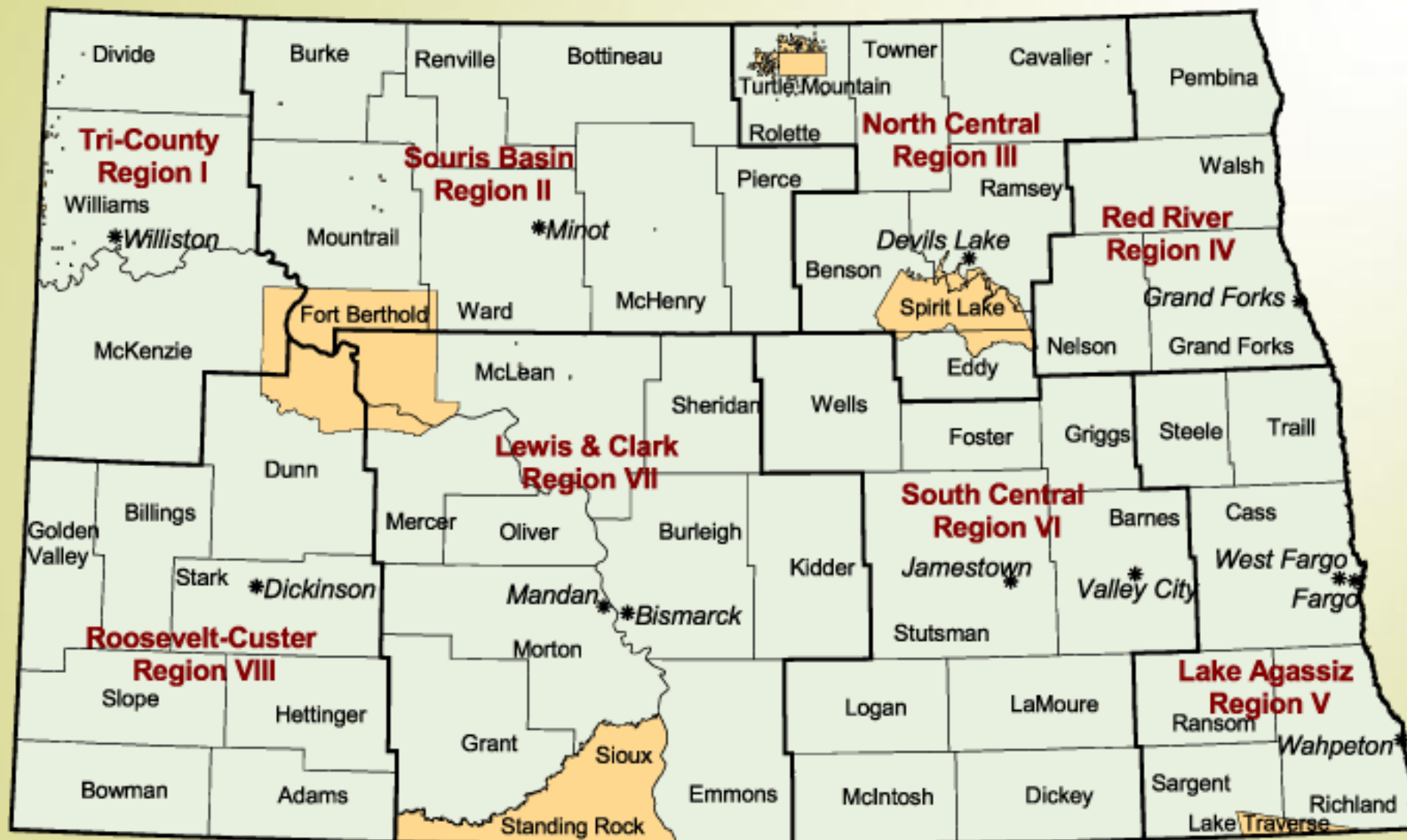
Working to Change the Equation

From:

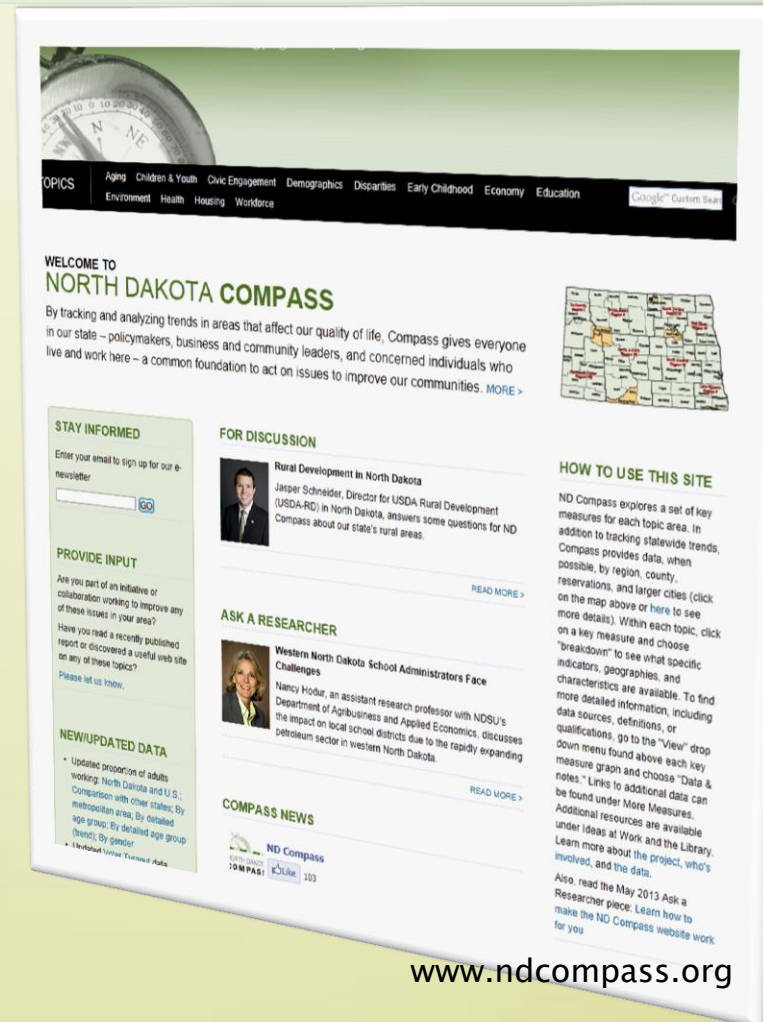Good intentions +

No common base of information =

Inefficient decisions

To:

Good intentions +

Sound, credible information +

Common sense of purpose =

**Productive decisions
for strong communities**

www.ndcompass.org

ND Compass
www.ndcompass.org

- A one-stop social indicators website in North Dakota with tools to help access and interpret data.
    - 12 topic areas → 39 key measures
    - More than 1,000 graphs and tables
        - Data by state, region, county, metro/micro areas, reservations
        - Data by race, ethnicity, gender, income, and more
        - Exportable for use in presentations
    - Additional resources in More Measures and Ideas at Work
    - Monthly guest columns providing analysis and commentary
    - Twitter feed and Facebook page with breaking data news
    - An e-library of recent publications, research-tested strategies
    - Dynamic site, always under development
- Input from stakeholders across the state

The Shifting Demographic Landscape in North Dakota

- Robust economic climate has created opportunities and challenges for western ND
  - Strain on service delivery
  - Inflated housing demand (higher rents, higher property taxes)
  - Rising school enrollments
  - Dynamic population
- Shifting concentration of seniors
  - Aging of baby boomers
  - Population loss or mixed growth

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

In 2011, the leading edge of baby boomers turned 65.

AGE

- 85+ years
- 80 years
- 75 years
- 70 years
- 65 years
- 60 years
- 55 years
- 50 years
- 45 years
- 40 years
- 35 years
- 30 years
- 25 years
- 20 years
- 15 years
- 10 years
- 5 years
- Under 1 year

Male

Female

Baby Boomers

1.8   1.3   0.8   0.3   0.3   0.8   1.3   1.8

Percent

Source: U.S. Census Bureau, Decennial Census 1970
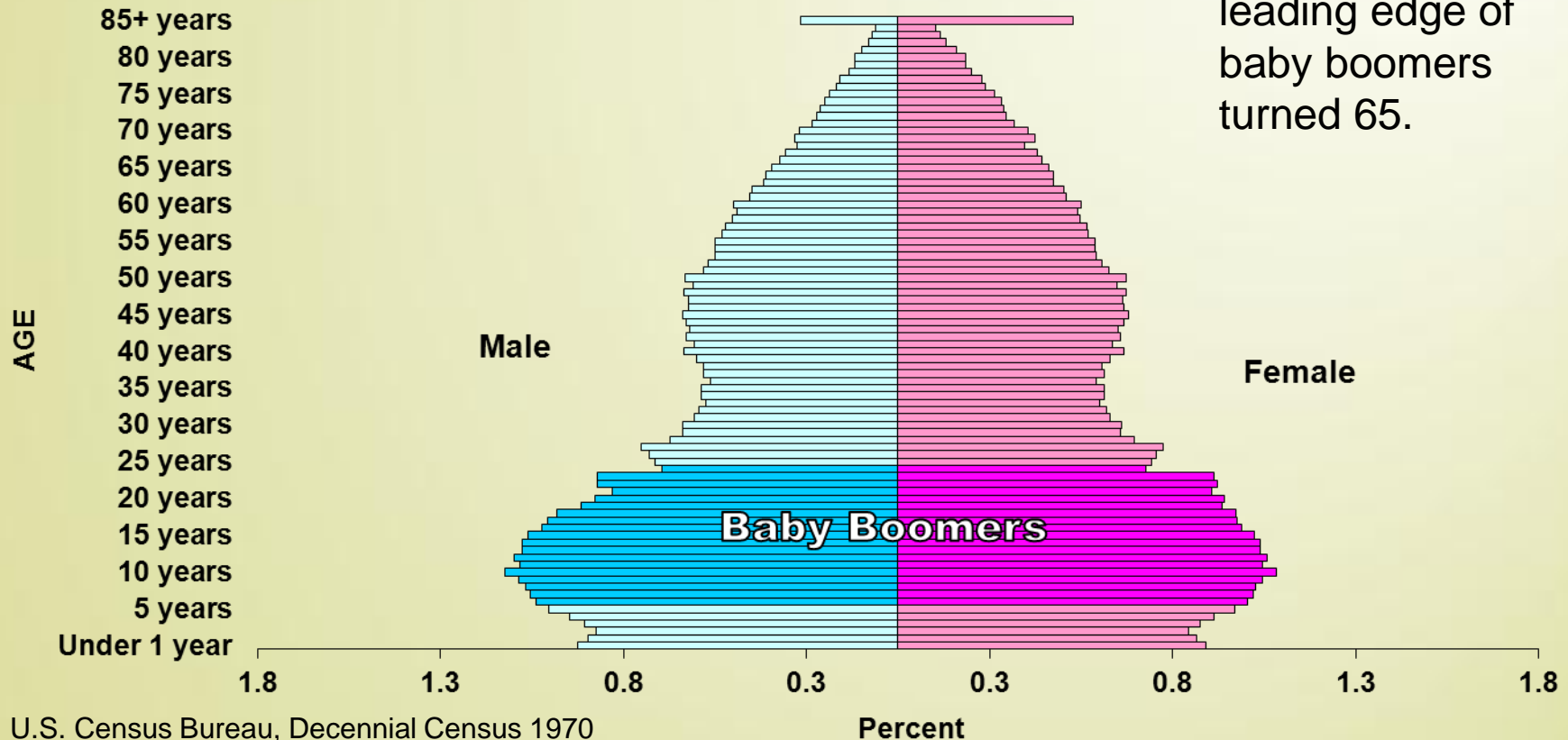
Population by Single Year of Age and Sex in the U.S. : 2030
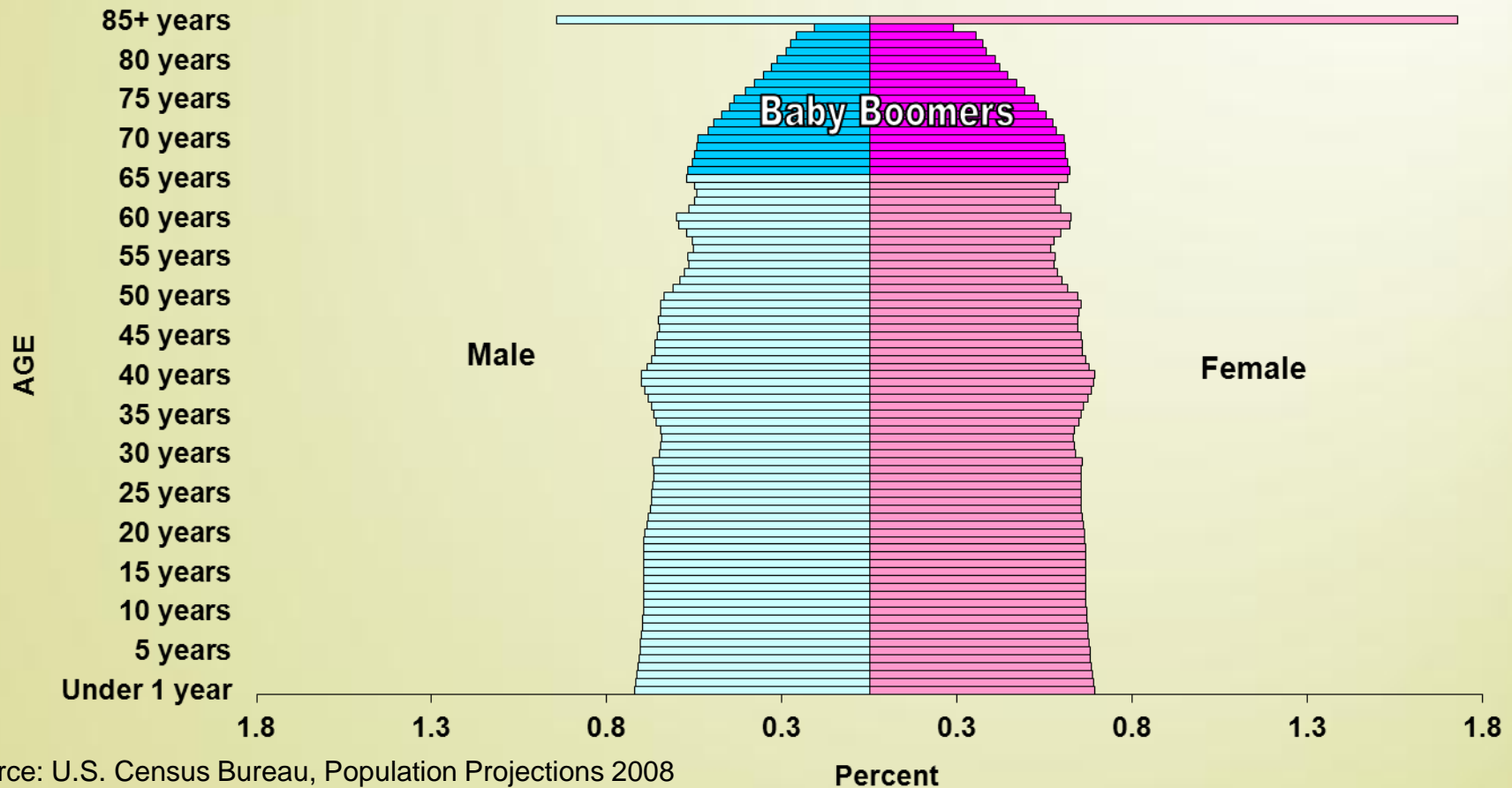
Source: U.S. Census Bureau, Population Projections 2008

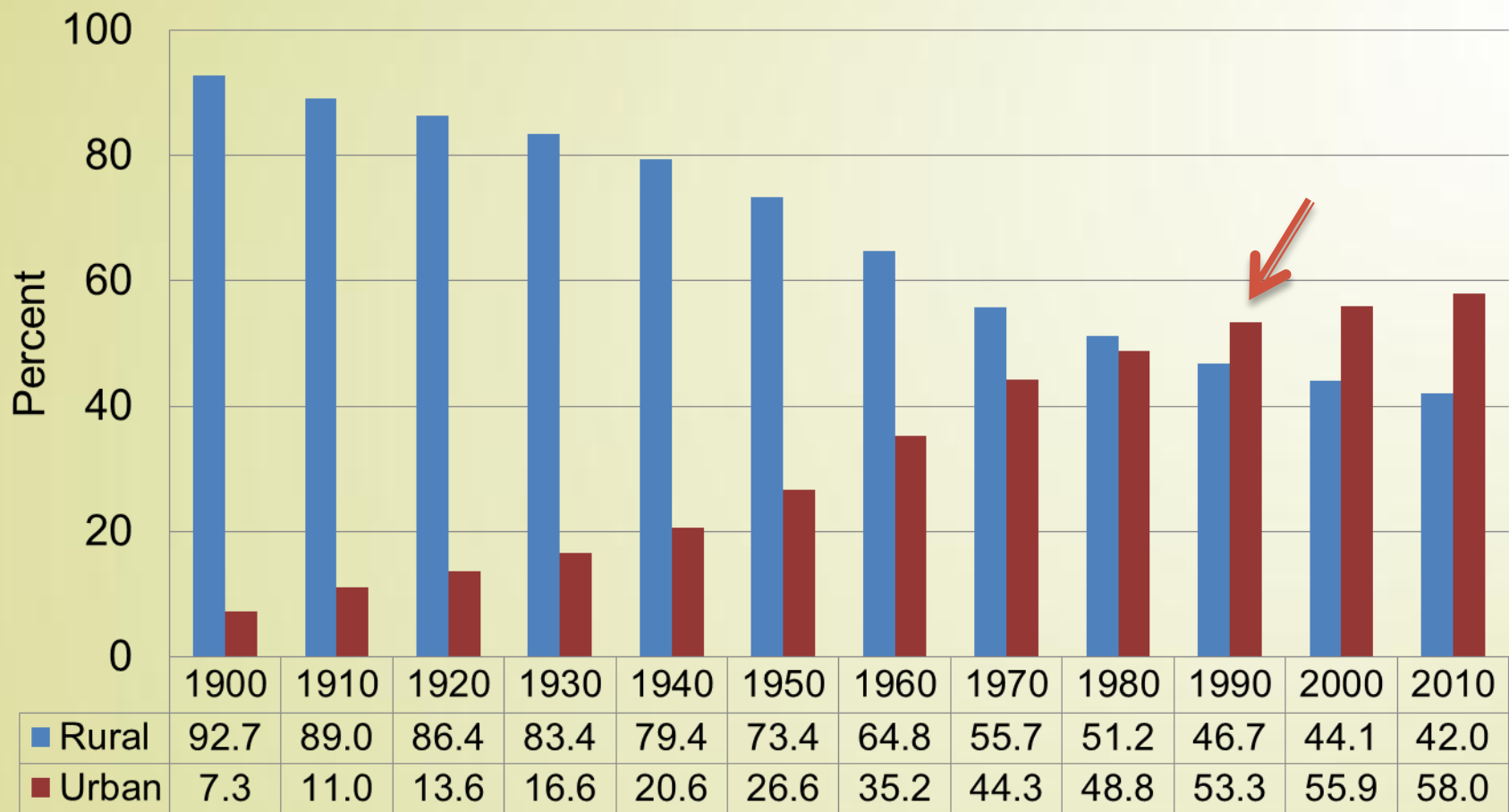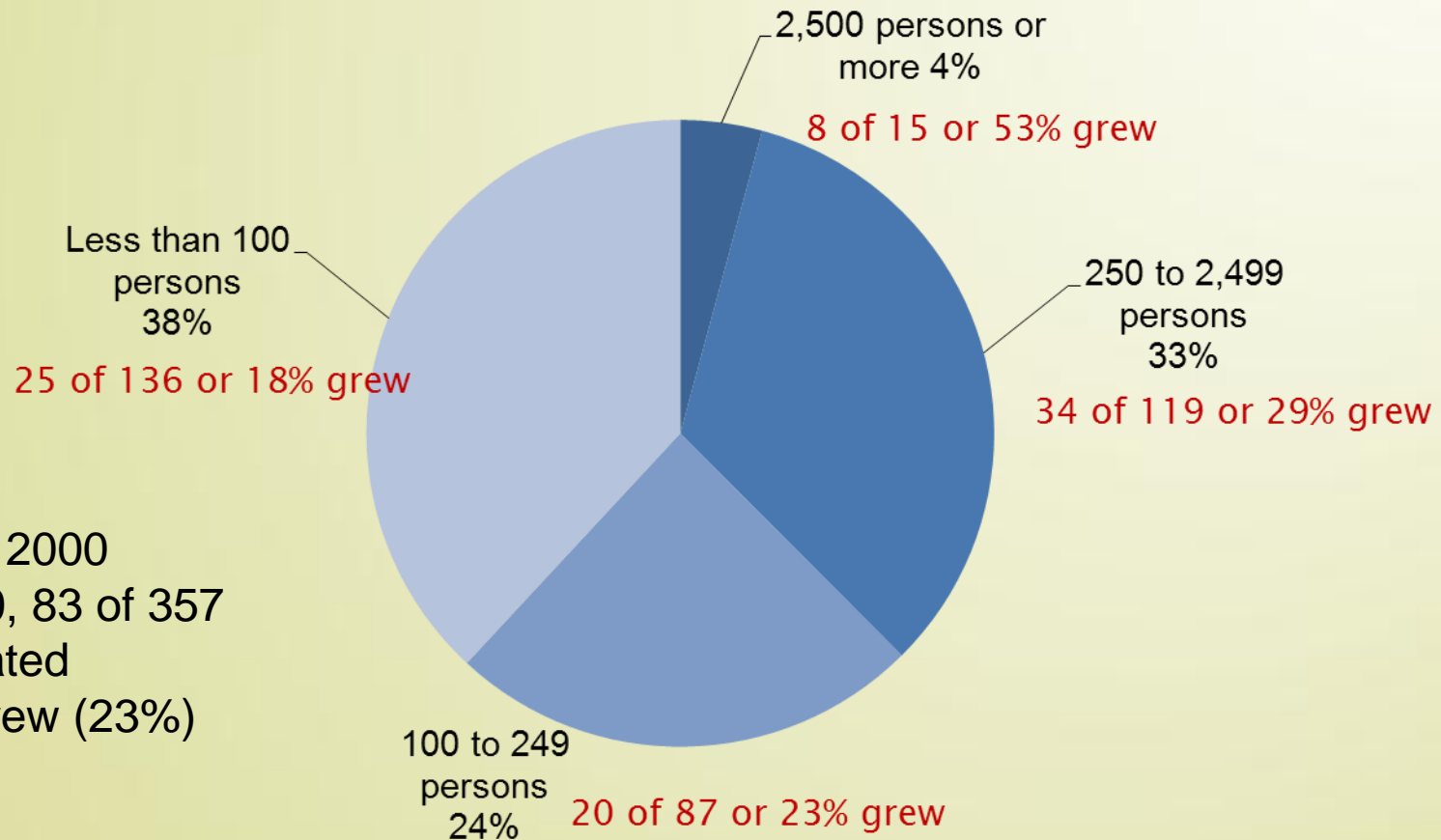|	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
■ Rural	92.7	89.0	86.4	83.4	79.4	73.4	64.8	55.7	51.2	46.7	44.1	42.0
■ Urban	7.3	11.0	13.6	16.6	20.6	26.6	35.2	44.3	48.8	53.3	55.9	58.0

ND Rural-Urban Population Distribution ≫

More North Dakotans lived in urban areas (2,500+) by 1990.

223 (62%) of ND's 357 incorporated places are smaller than 250 people.

City Size in North Dakota: 2010

% change 2000 to 2010 noted in red

2,500 persons or more 4%
8 of 15 or 53% grew

250 to 2,499 persons 33%
34 of 119 or 29% grew

Less than 100 persons 38%
25 of 136 or 18% grew

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

100 to 249 persons 24%
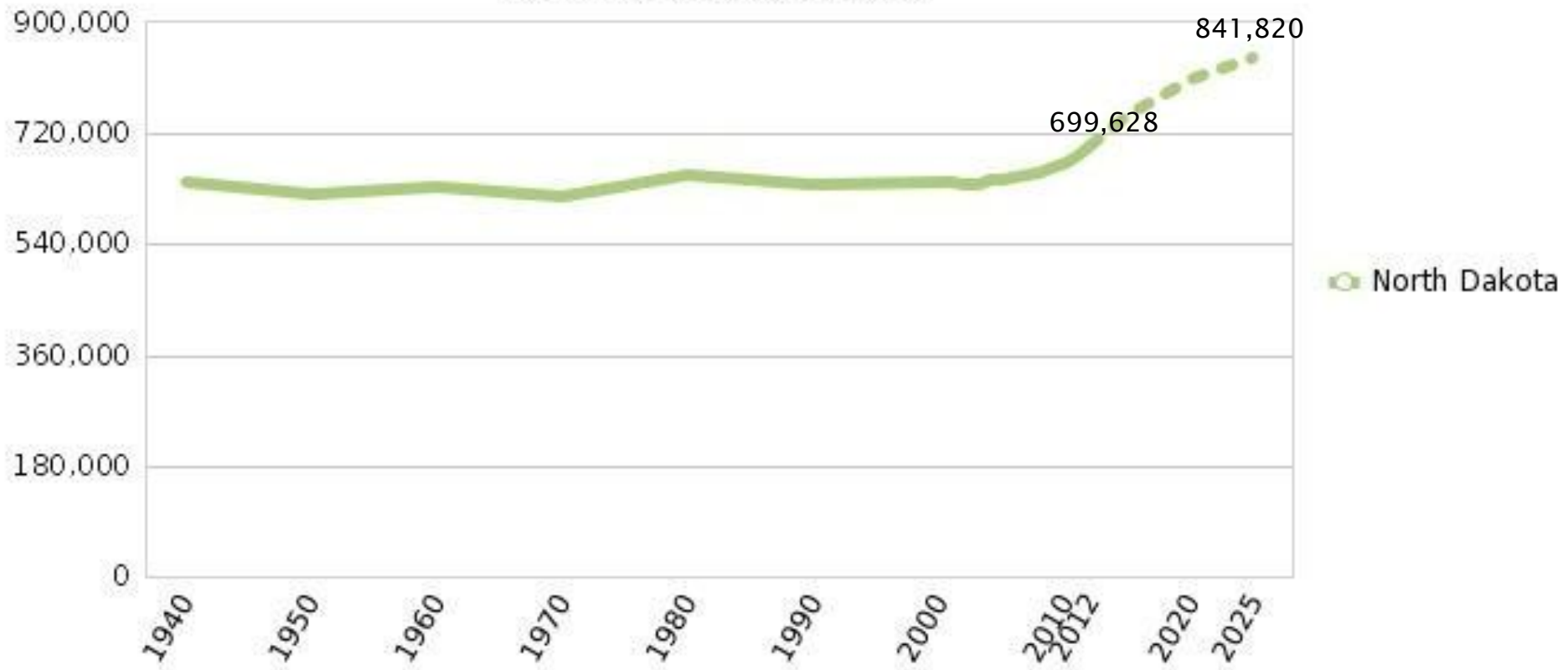20 of 87 or 23% grew

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

All but 2 counties experienced population decline in at least one decade since 1940; 30 in all 7 decades
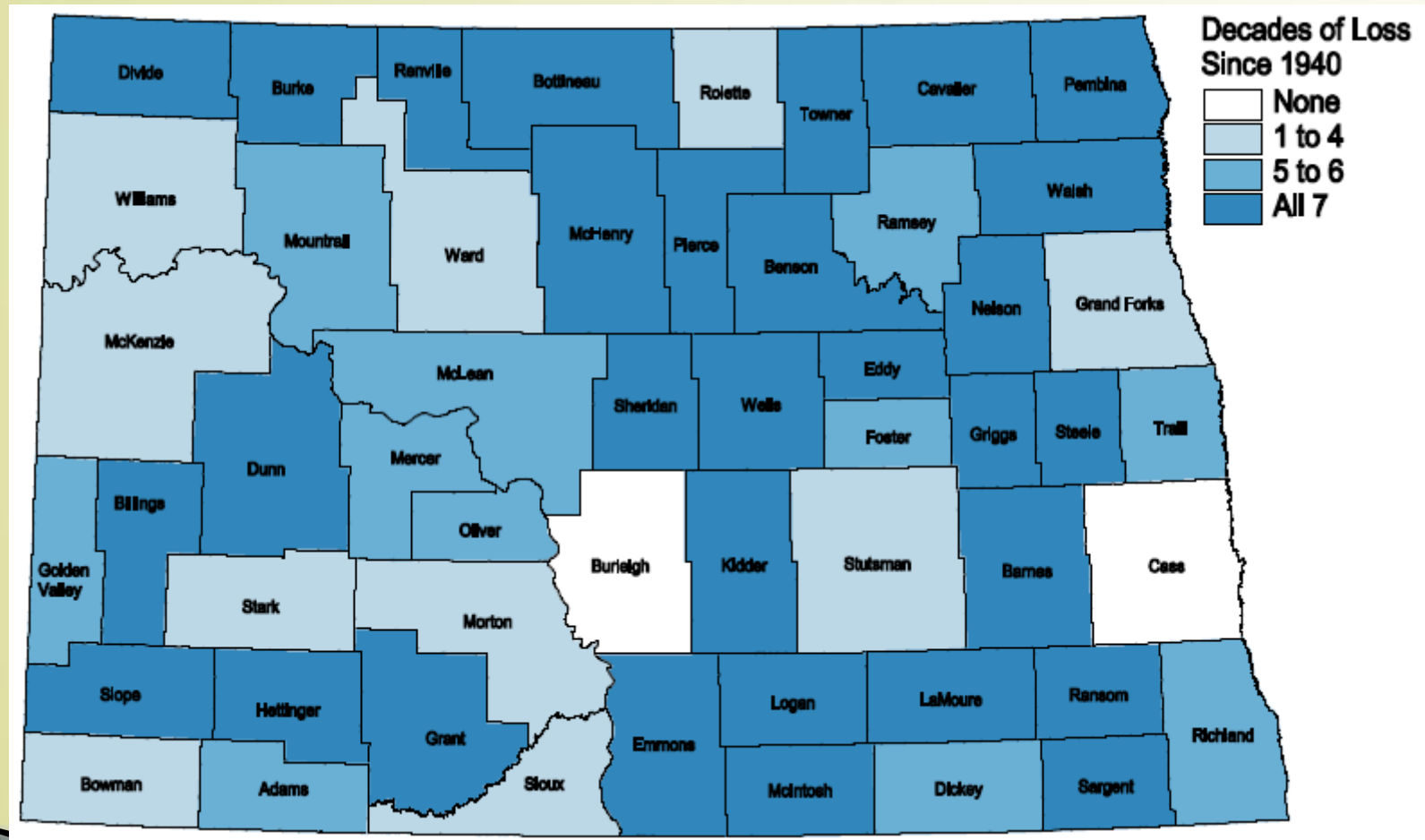
Total population, trend and forecast
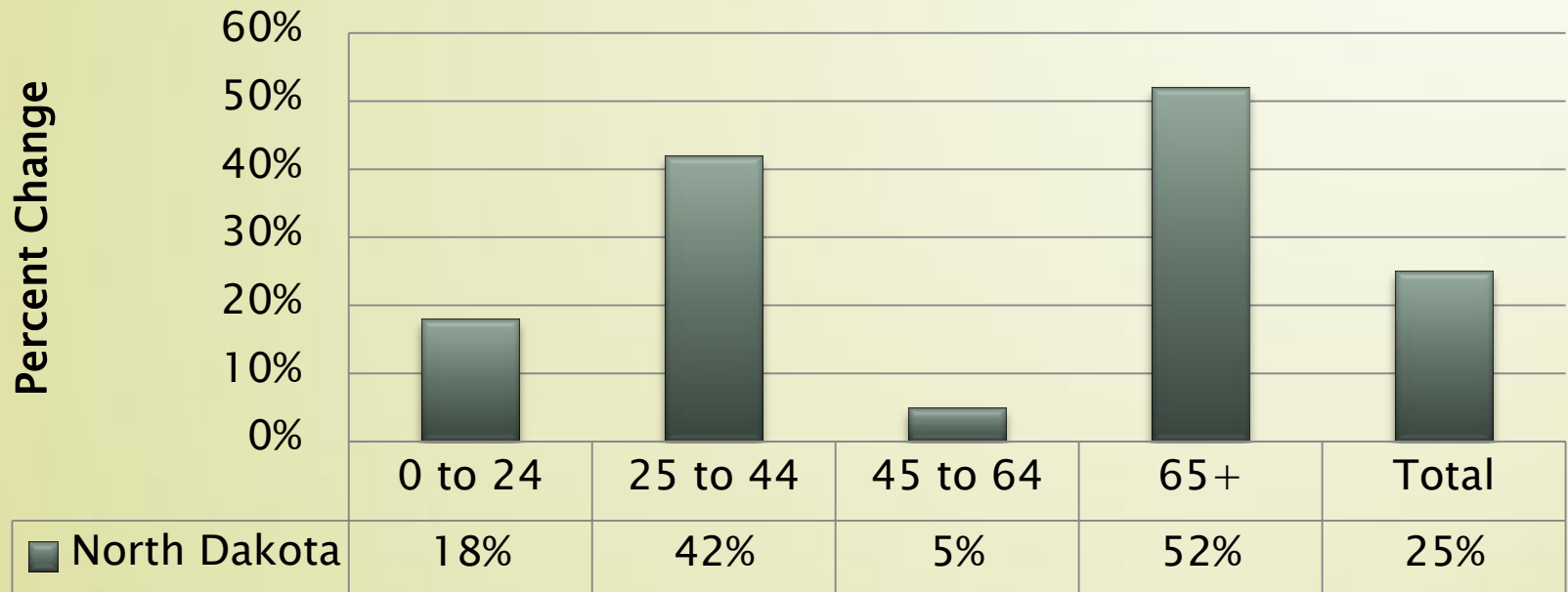
North Dakota, 1940-2025

- ND reached a historic high in 2012 – 699,628.
  - Previous peak was in 1930 at 680,845.
  - Projected to reach 841,820 by 2025.

Population Projected to Increase

Percent Change in Population by Age, 2010 to 2025

	0 to 24	25 to 44	45 to 64	65+	Total
◻ North Dakota	18%	42%	5%	52%	25%

◦ Increases in other age groups (largely due to oil boom) lessening "graying of ND" that once seemed inevitable.

Source: http://www.ndhfa.org/Web_Images/NDSHNA_HousingForecast_Final.pdf

Gender Distribution in ND

In the Fargo metro area, in contrast, the overall gender ratio is 50/50.

Legend:
- Male
- Female
- 65+ Male
- 65+Female

Among older adults, ND has 77 men for every 100 women.
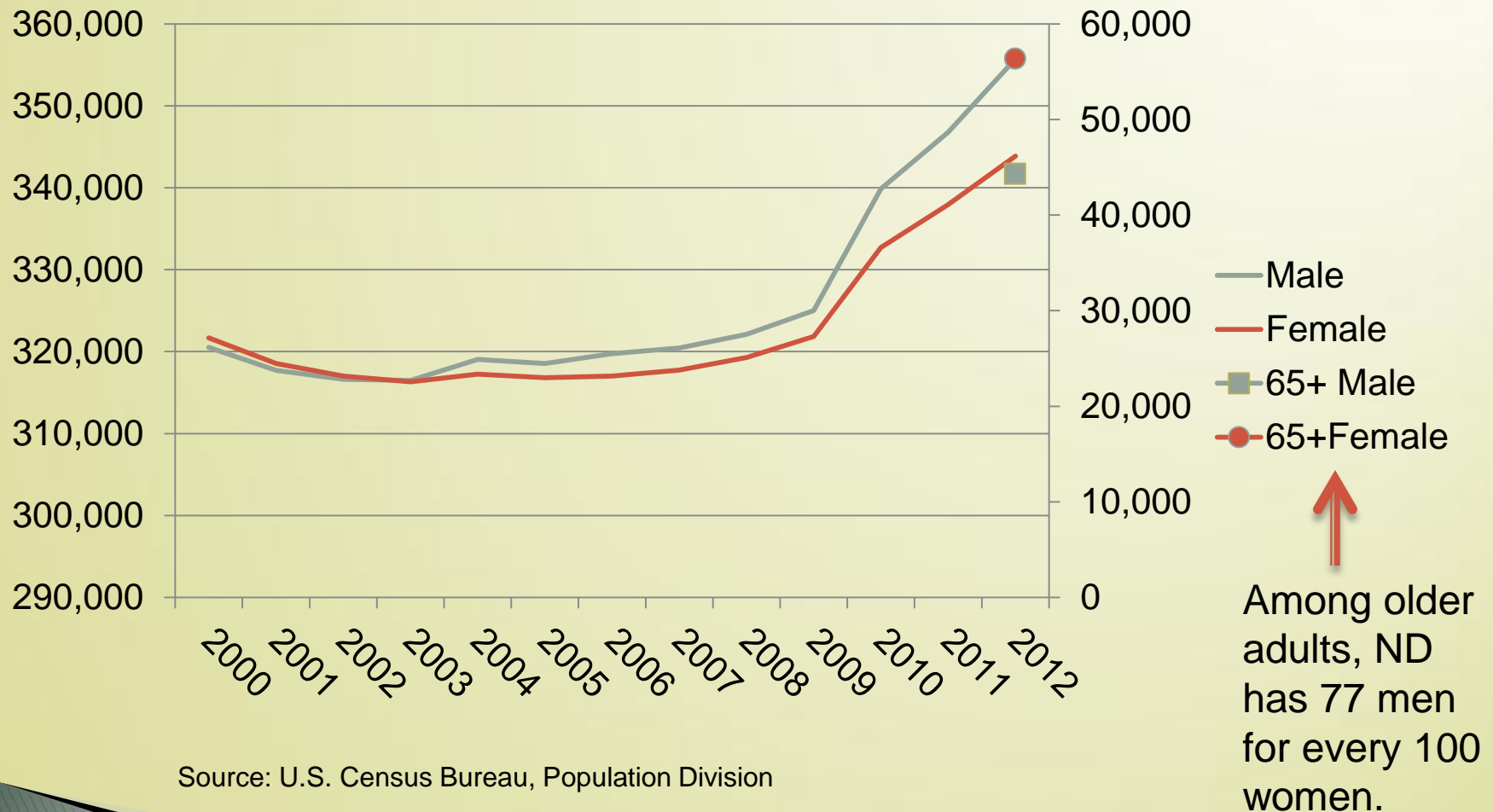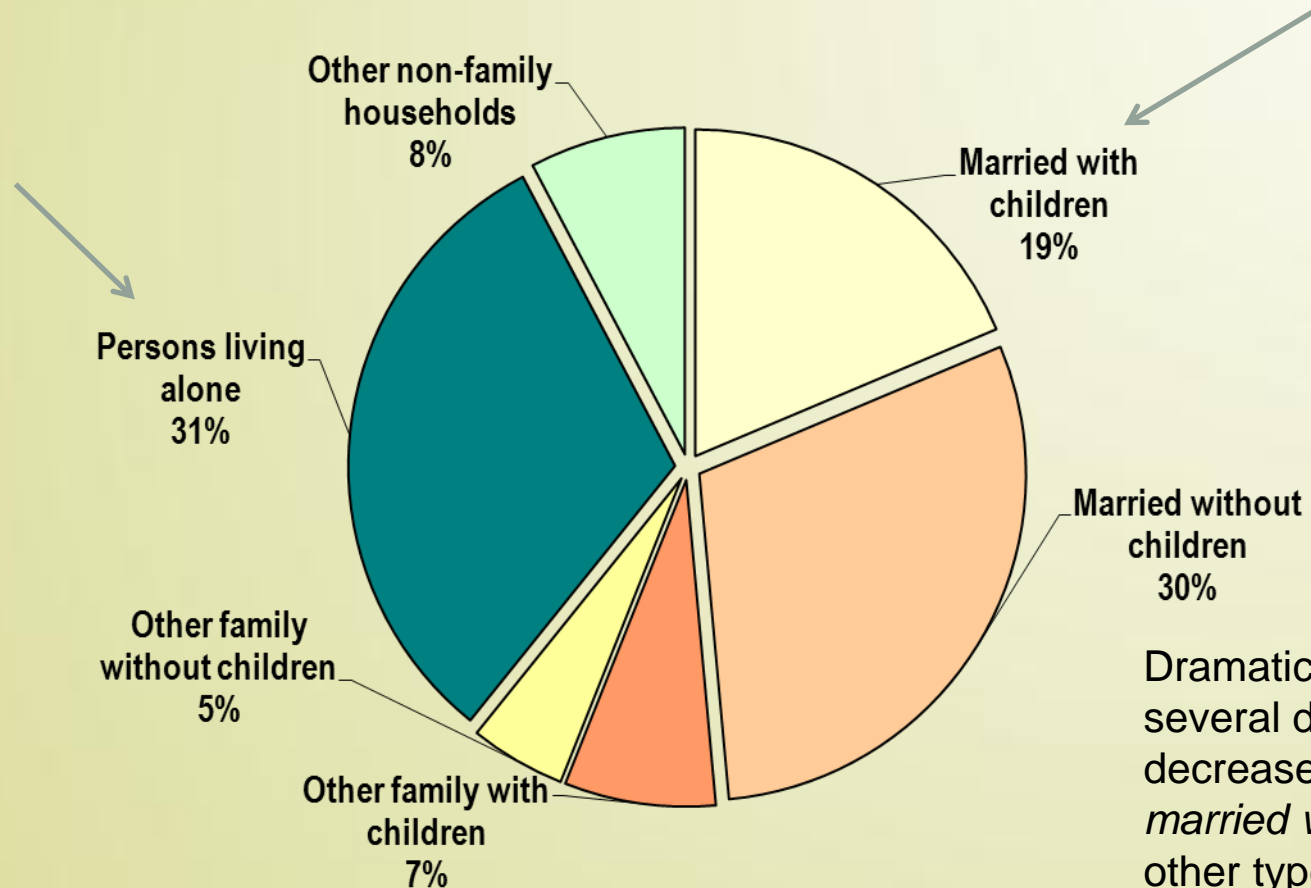
Source: U.S. Census Bureau, Population Division
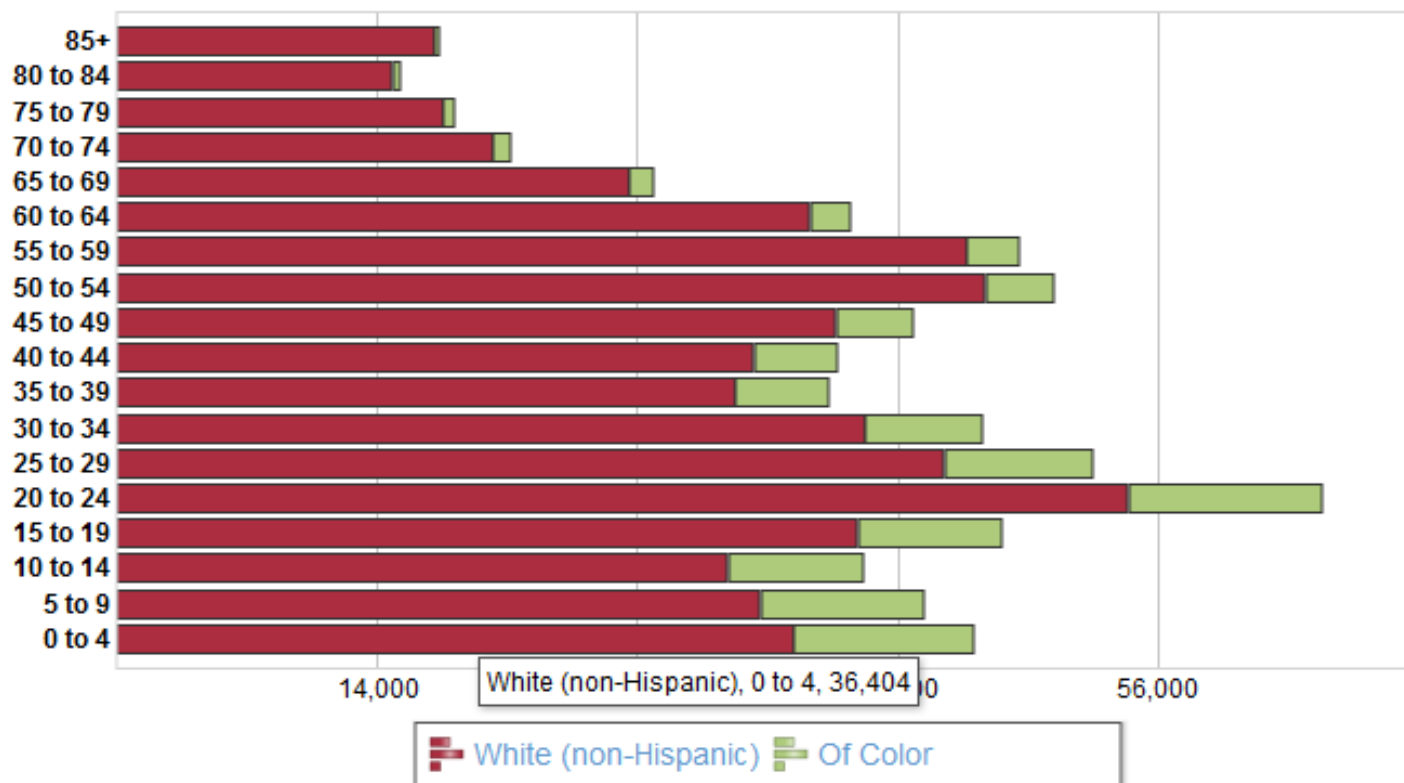
Population Diversity »

Diversity is increasing, with much larger numbers/proportions of Of Color residents in the younger age groups.

Household Types in North Dakota: 2010

Other non-family households
8%

Married with children
19%

Married without children
30%

Persons living alone
31%

Other family without children
5%

Other family with children
7%

Source: U.S. Census Bureau

Dramatic shifts over the past several decades include decrease in # and % that are *married with children* while other types have growth. *Non-family households* have seen greatest increases (people living alone).

17

% of Single-Person Households that are Seniors 65+: 2010
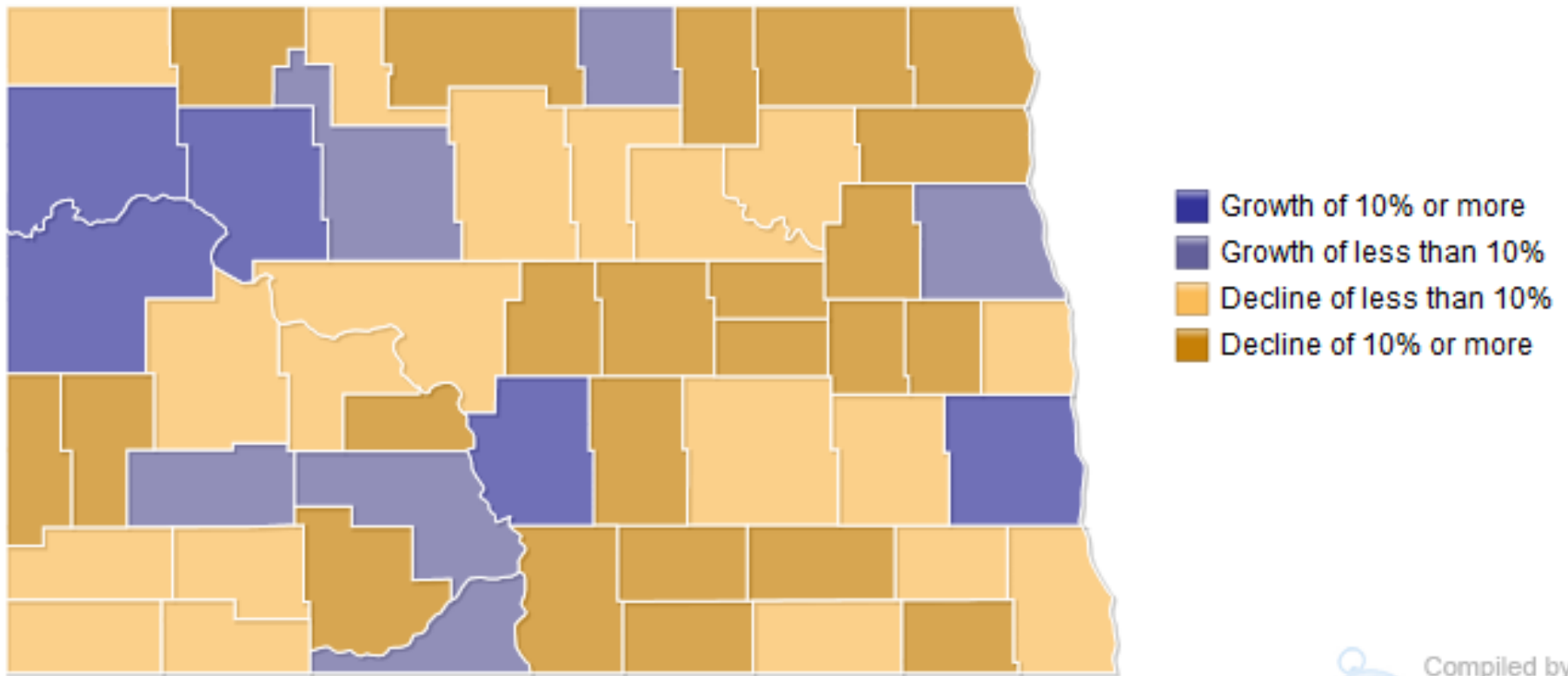
Of Householders Living Alone, Percent Age 65 Plus in North Dakota by County: 2010
Source: U.S. Census Bureau, 2010 Census Demographic Profile

North Dakota = 34.9%
- 23.8% to 33.9%
- 34.0% to 42.9%
- 43.3% to 49.9%
- 50.0% to 59.8%
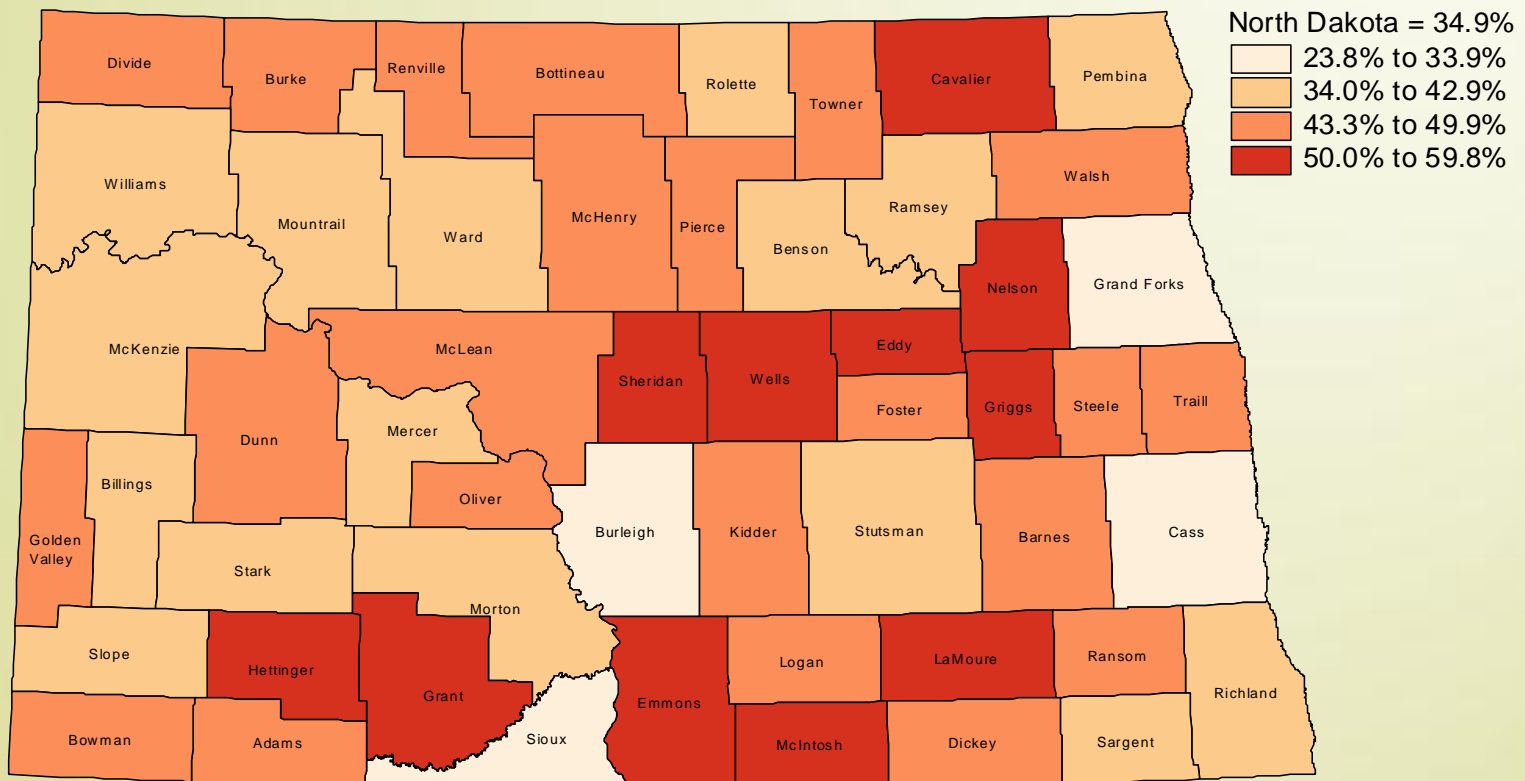
Percent Change in Population: 2000 to 2010

Growth of 10% or more
Growth of less than 10%
Decline of less than 10%
Decline of 10% or more

Compiled by Compass

- Only 11 of 53 counties gained population between 2000 - 2010

% Change in Population: 2011–2012

Legend:
- **Growth of 5% or more**
- **Growth of 3% to 4%**
- **Growth of less than 3%**
- **Neither growth nor decline**
- **Decline**

Compiled by Compass
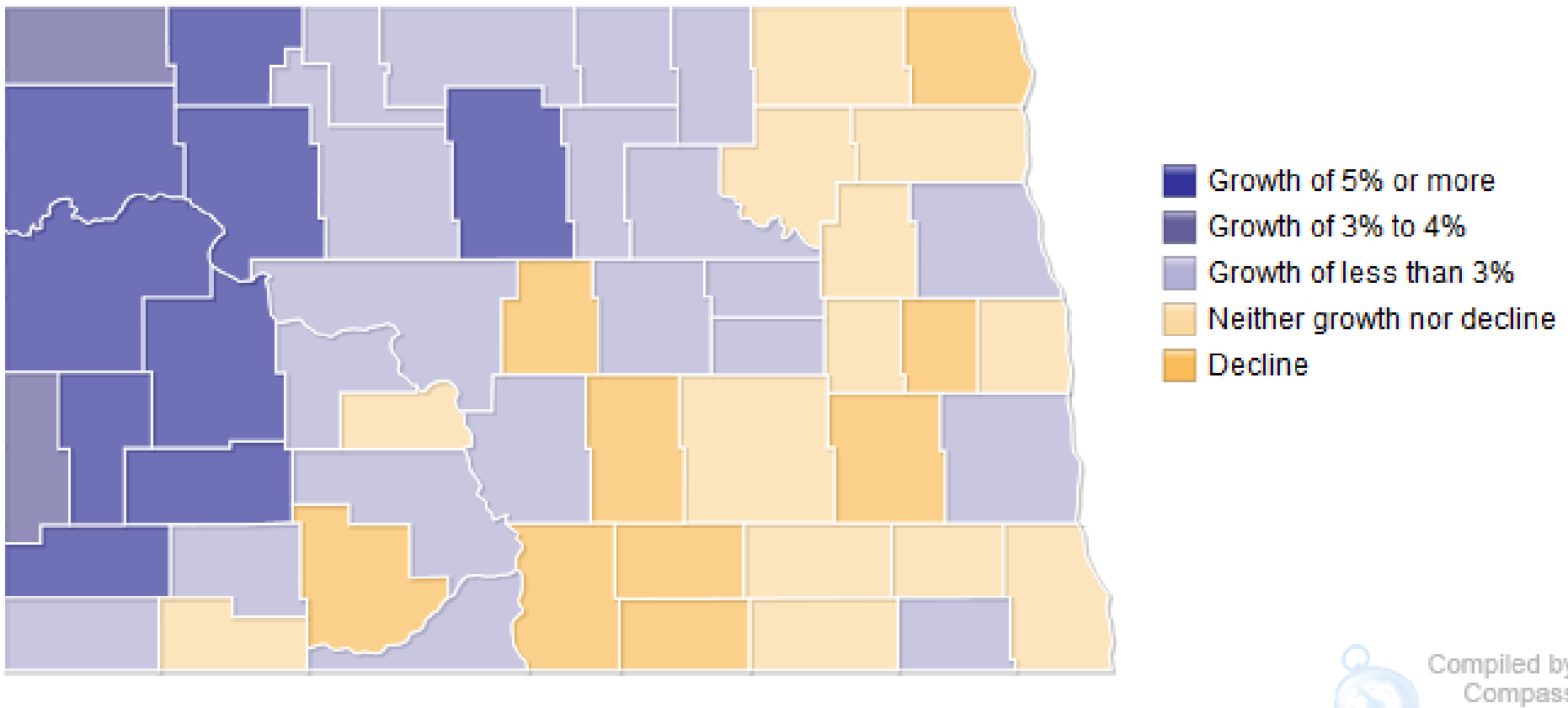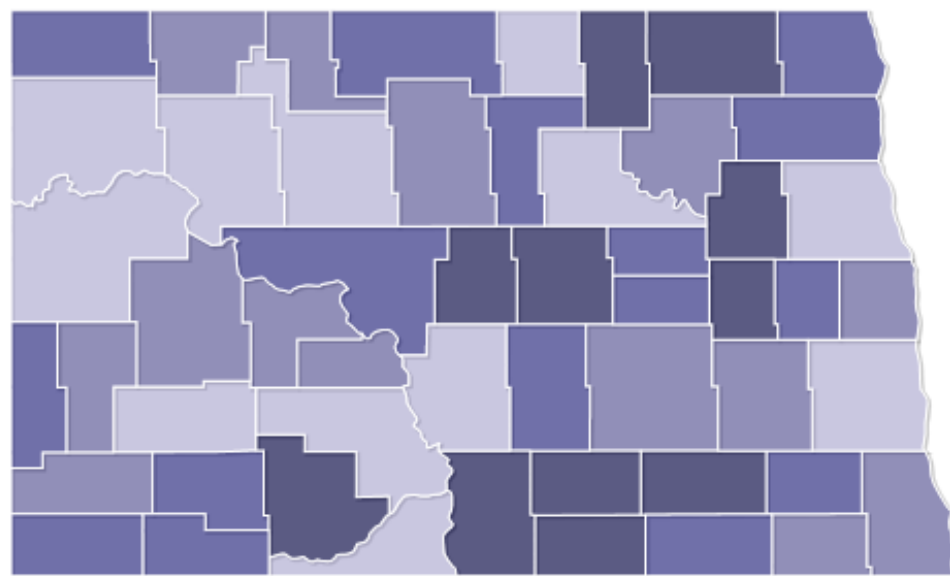
- ND's population grew 2.2% from 2011 to 2012, the fastest growth among all states; 38 of 53 ND counties gained population from 2011 to 2012.
- Population loss still a reality for many counties.

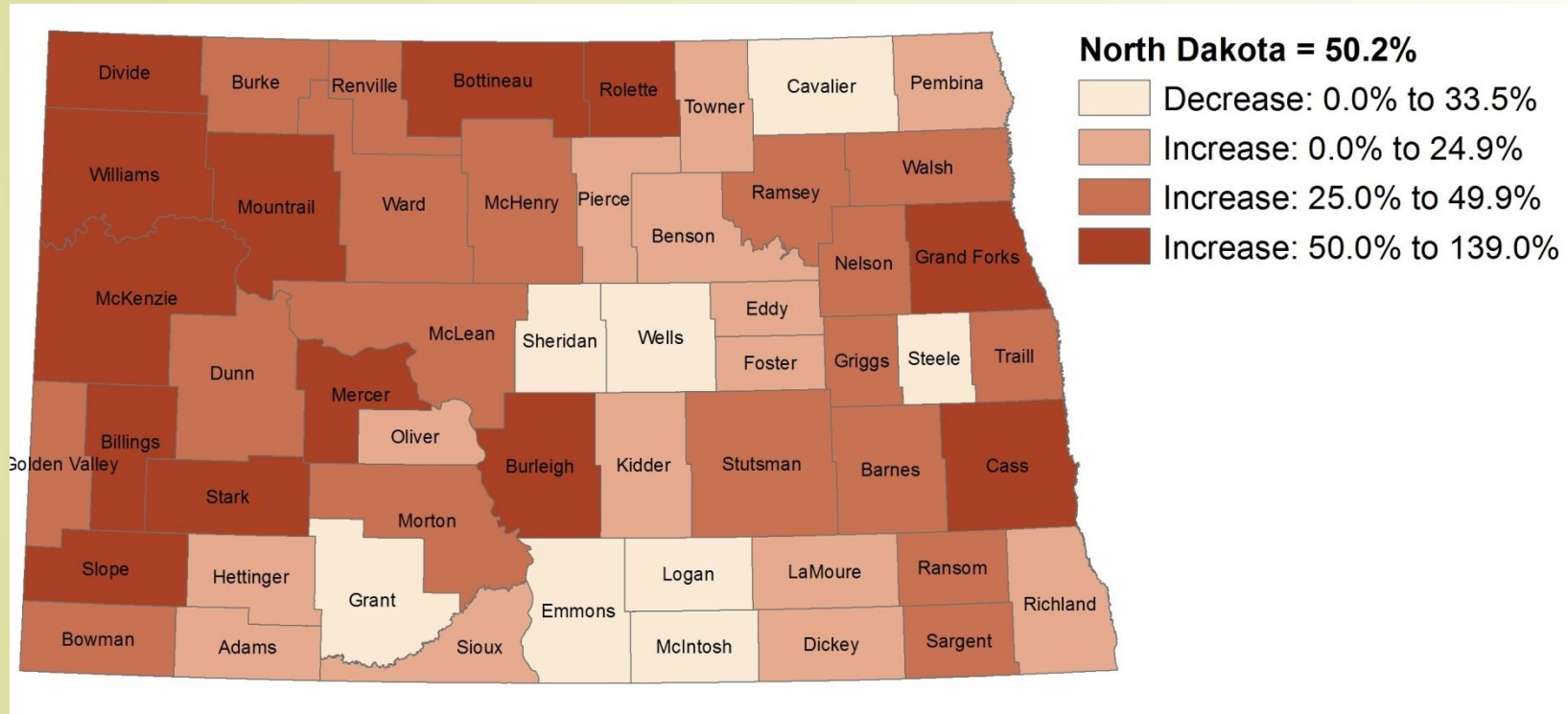# Percent of population age 65+
North Dakota counties, 2012

ND=14%

Less than 15%
15% to 19%
20% to 24%
25% or higher

Percent of population age 65+
Rank of counties, North Dakota, 2012

Rank	County (1=greatest proportion age 65+)	2012
1	McIntosh	33.3%
2	Sheridan	30.6%
3	Griggs	27.7%
4	Grant	27.6%
5	Wells	27.5%
6	Emmons	27.3%
7	Logan	27.3%
8	Nelson	27.2%
9	Cavalier	25.7%
10	LaMoure	25.0%

Projected Percent Change in Ages 65+: 2011 to 2025

North Dakota = 50.2%

Decrease: 0.0% to 33.5%
Increase: 0.0% to 24.9%
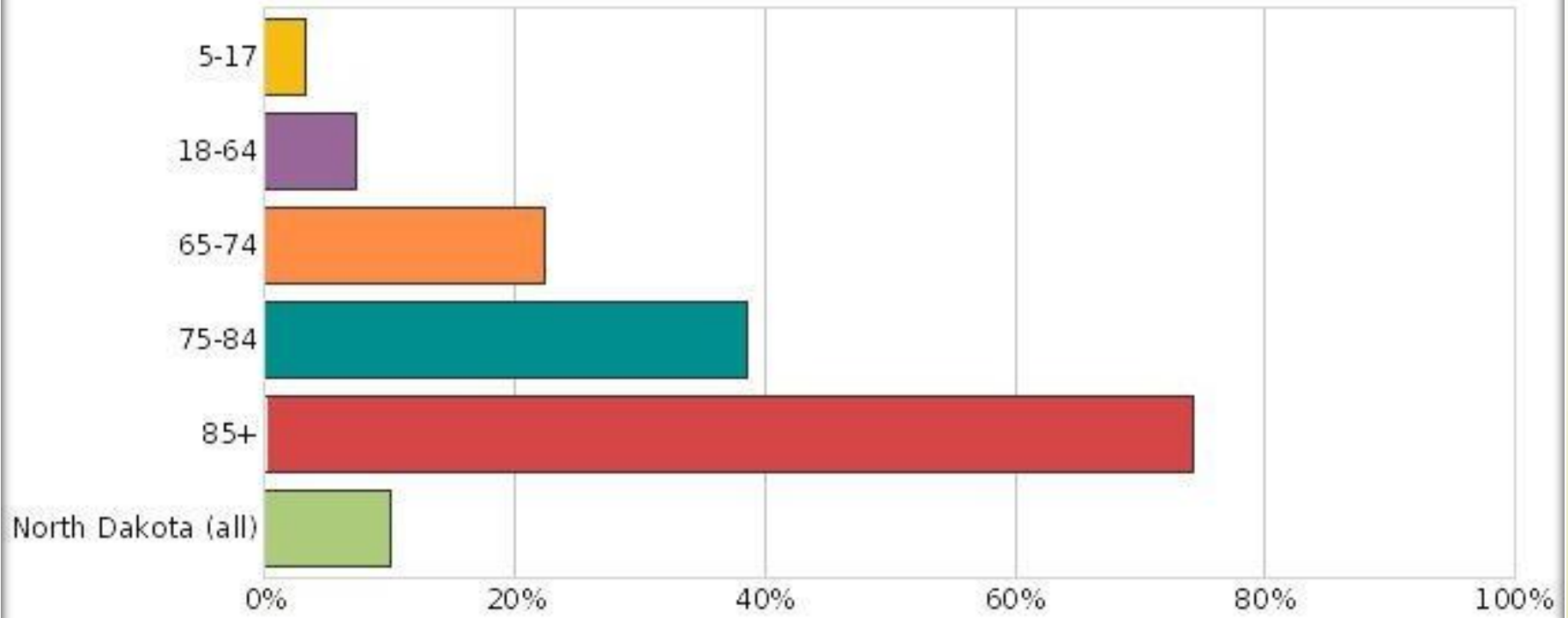Increase: 25.0% to 49.9%
Increase: 50.0% to 139.0%

- Increases in age groups (largely due to oil boom) lessening the "graying of ND"
- # of older adults in ND is expected to **increase 50%.***

Population age 65 years and older, trend and forecast
North Dakota, 1980-2025

65+, 100,666

Compiled by Compass
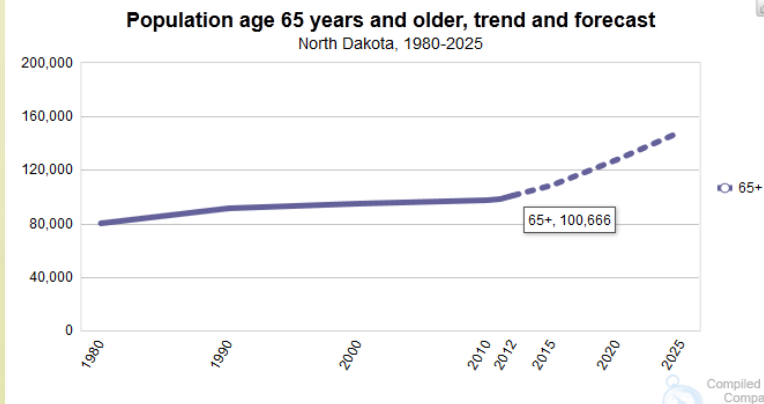
Percent of residents with a disability by age
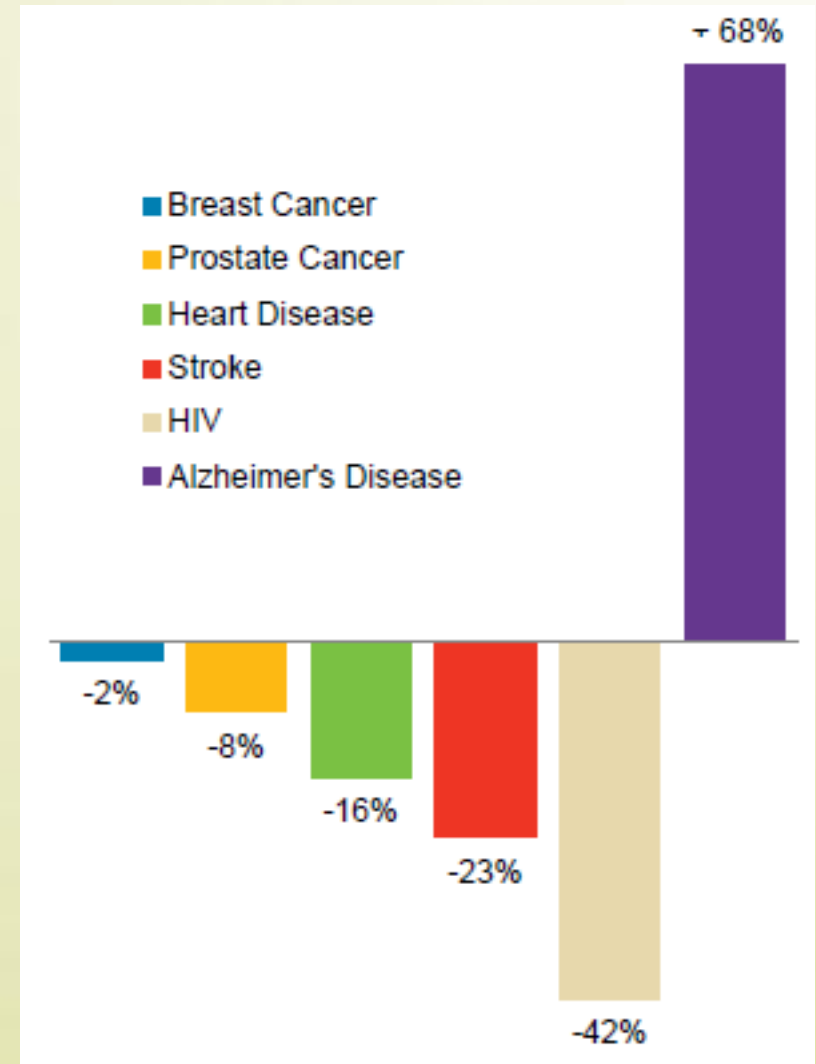North Dakota, 2011

Disability by Age »

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.

Alzheimer's Disease

- Most common form of cognitive impairment.
- In 2010, ~18,000 ND older adults lived with Alzheimer's:
  - 700 ages 65 to 74
  - 7,700 ages 75 to 84
  - 9,800 ages 85+
- Nationally, prevalence of Alzheimer's disease:
  - 1 in 9 people ages 65+
  - 1 in 3 people ages 85+
- Alzheimer's disease is the 6th leading cause of death in the U.S. (4th in ND) among older adults

Breast Cancer -2%
Prostate Cancer -8%
Heart Disease -16%
Stroke -23%
HIV -42%
Alzheimer's Disease 68%

North Dakota's Aging Population
http://www.ndcompass.org/aging/library.php?libItemID=1163#.UhoyfD9KbK4

ND Compass

701-231-5931

ndsu.compass@ndsu.edu

Website: www.ndcompass.org

Facebook: /NDCompass

Twitter: @NDCompass

NDSU NORTH DAKOTA STATE UNIVERSITY

Center for Social Research at NDSU

NORTH DAKOTA
COMPASS

Measuring progress.
Inspiring action.