Demographic Trends in North Dakota

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North Dakota Compass provides and promotes the use of reliable, accurate, and unbiased demographic, economic, and socio-economic data to support informed decision making and community engagement in North Dakota.

By providing policymakers and citizens with benchmarks of child well-being, North Dakota KIDS COUNT seeks to enrich local and state discussions concerning ways to secure a better future for all children.
DEMOGRAPHIC TRENDS

- Population Changes
- Age Distribution
- Gender Breakdown
- Racial & Ethnic Composition
POPULATION CHANGES
QUESTION

The population increase in North Dakota from 2010 to 2018 is:

a) Larger than the U.S.
b) About the same as U.S.
c) Smaller than the U.S.
POPULATION CHANGE

Population change by period
North Dakota and U.S., 1940-2018

Source: ND Compass/Demographics/Population
POPULATION CHANGE

Total Population
North Dakota, 1940-2018

Source: ND Compass/Demographics/Population
POPULATION CHANGE

Total population
North Dakota, 2010-2018

Source: ND Compass/Demographics/Population
POPULATION CHANGE

Population Loss
North Dakota counties,
1940-2010

Source: 2012 ND Statewide Housing Needs Assessment

Decades of Loss
Since 1840
- None
- 1 to 4
- 5 to 6
- All 7

30 counties
POPULATION CHANGE

Population change
North Dakota counties, 2010-2018

Source: ND Compass/Demographics/Population
POPULATION CHANGE BY COUNTY
(annual percentage change)
2000-2018

Source: ND Compass/Demographics/Population
COMPONENTS OF CHANGE

Population change by components of change
North Dakota, 2010-2018

Source: U.S. Census Bureau, 2018 Population estimates
Total Population Trend and Forecast
North Dakota, 2000-2029

Source: ND Compass/Demographics/Population; 2016 ND Statewide Housing Needs Assessment
POPULATION TRENDS SUMMARY

• North Dakota experienced extraordinary growth from 2000 to 2018.

• The change has not been consistent across the state.
AGE DISTRIBUTION
QUESTION

North Dakota’s median age is higher than the U.S.

a) True
b) False
**MEDIAN AGE**

**Median Age**
**North Dakota and U.S.**
**2000-2018**

Source: ND Compass/Demographics/Age
MEDIAN AGE

Source: ND Compass/Demographics/Age
AGE STRUCTURE

Population by Age Groups
Trends and Forecast
North Dakota, 1980-2029

Source: ND Compass/Demographics/Age; 2016 ND Statewide Housing Needs Assessment
Population by Workforce Age Groups
Trends and Forecast
North Dakota, 1980-2029

Source: ND Compass/Demographics/Age; 2016 ND Statewide Housing Needs Assessment
AGE GROUPS

Population change by age group
North Dakota and U.S., 2010-2018

Source: ND Compass/Demographics/Age
OLDER ADULTS (age 65+)

Source: ND Compass/Demographics/Age

North Dakota counties, 2018

Sheridan 32%
McIntosh 31%

13 counties
OLDER ADULTS (age 65+)

Source: ND Compass/Demographics/Age; 2016 ND Statewide Housing Needs Assessment
OLD AGE DEPENDENCY

Old Age Dependency Ratio
Number of working age adults (age 20-64) for every older adult (age 65+)
North Dakota, 1980-2029

Source: ND Compass/Demographics/Age; 2016 ND Statewide Housing Needs Assessment
OLD AGE DEPENDENCY

Number of working-age adults (age 20-64) for every older adult (age 65+), by county
North Dakota, 2017

Source: ND Compass/Demographics/Age
OLDER ADULTS WORKING (age 65+)

Source: ND Compass/Workforce/Proportion of adults working
AGE DISTRIBUTION SUMMARY

• Increase in the number of children and young adults.
• Increase of the older adult population with the aging of the baby boomers.
• Decrease of the pre-retirement age group (potential caregivers)
GENDER BREAKDOWN
QUESTION

What is the gender breakdown in ND (total population)?

a) More males than females
b) Males and females are equal
c) More females than males
GENDER BREAKDOWN

Population by Gender
North Dakota, 2000-2018

Source: ND Compass/Demographics/Population
RACIAL & ETHNIC COMPOSITION
RACIAL AND ETHNIC DIVERSITY

Population of color
(number and percentage in total population)
North Dakota, 2010-2018

Source: ND Compass/Demographics/Race
RACIAL AND ETHNIC DIVERSITY

Percentage increase in population of color (2010-2018)

64% North Dakota
16% United States

Source: ND Compass/Demographics/Race
RACIAL AND ETHNIC DIVERSITY

Population by racial and ethnic group
North Dakota, 2018

- American Indian: 5.5%
- Asian: 1.8%
- Black: 3.4%
- Hispanic: 3.9%
- Two or more races: 2.2%
- White (non-Hispanic): 84.0%

Source: ND Compass/Demographics/Race
RACIAL AND ETHNIC DIVERSITY

Asian population
North Dakota counties, 2018

Black population
North Dakota counties, 2018

Hispanic population
North Dakota counties, 2018

Native American population
North Dakota counties, 2018

Source: ND Compass/Demographics/Race
RACIAL AND ETHNIC DIVERSITY

Change in population by race and ethnicity
North Dakota, 2010-2018

Source: ND Compass/Demographics/Race
RACIAL AND ETHNIC DIVERSITY

Population by age and race
North Dakota, 2018

Source: ND Compass/Demographics/Age
FOREIGN IMMIGRANTS

Population by Nativity
North Dakota, 2018

- U.S. born: 724,253 (95%)
- Foreign born: 35,824 (5%)

Foreign born by place of birth:
- Asia: 40%
- Africa: 31%
- Latin America: 13%
- Europe: 9%
- Northern America: 7%

Source: U.S. Census Bureau, 2018 American Community Survey, 1-Yr Estimates
RACIAL AND ETHNIC DIVERSITY SUMMARY

• North Dakota is becoming increasingly diverse

• One of the least diverse states in the U.S.
CONCLUSION

• Dramatic population shifts, becoming younger while growing old, gender differences, and increased diversity

• Main trends inform sustainable and responsible planning
Thank You!

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