

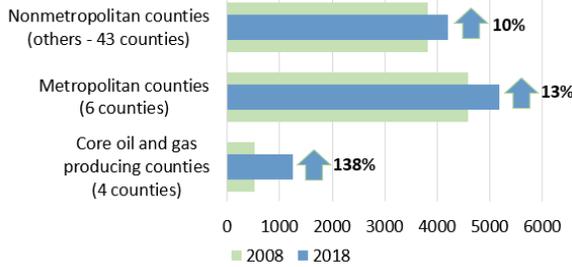
COMPASS POINTS

2020

ndcompass.org

KEY TRENDS

Increase in number of births
North Dakota, 2008 to 2018



Economic development had a substantial impact on the number of births in the past decade.

Rapid growth in the oil and gas sector coupled with diverse urban economic development has attracted young people to North Dakota. This increase in the young population has led to an increase in the number of births from 8,931 in 2008 to 10,630 in 2018 (19%).

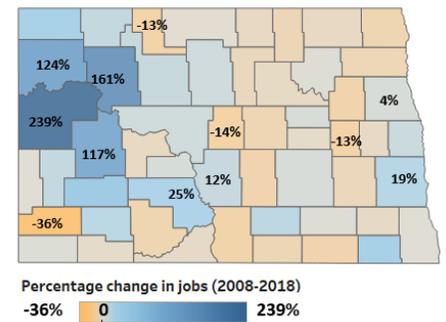
The number of births more than doubled in the four core oil and gas producing counties (721 more births or 138% increase). Metropolitan counties also experienced an increase of 585 births (13%) from 2008 to 2018. This trend has not been consistent throughout the state. While the remainder of the state increased the number of births by 393 (10%) overall, 17 counties experienced a decrease in the number of births from 2008 to 2018. The increase in the number of births has multiple ramifications as communities address current and future demand for child care, youth programs and activities, and schools.

Job creation in North Dakota far outpaced national averages in the past 10 years, but workforce challenges persist.

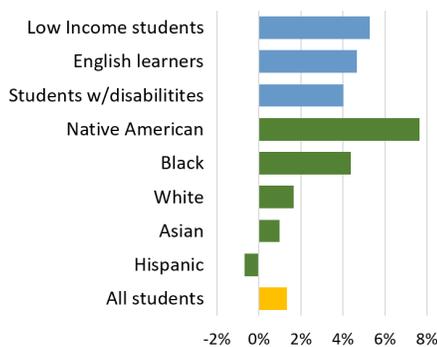
The number of jobs in North Dakota has increased by 19 percent from 2008 to 2018, outpacing national job growth of 8 percent. The number of jobs increased by 117 percent to 239 percent in core oil and gas producing counties and 4 to 25 percent in metropolitan areas. However, 25 rural sparsely populated counties lost jobs during the same time period.

Filling open jobs has been challenging. Unemployment rates statewide remain some of the lowest in the country (2.6 % in 2018) and workforce participation rates (percentage of adults, age 16-64, who are working) remain among the highest (78.8% in 2018). All North Dakota's counties reported more job openings than active résumés (0.27 active résumés per job opening), in January 2020.

Change in jobs, by county
North Dakota, 2008 to 2018



Percentage point change in high school graduation rate
North Dakota, 2014 to 2019



Most historically disadvantaged students showed progress in on-time high school graduation.

Most student groups in North Dakota saw an increase in on-time high school graduation rate in the past five years. Native American students, who have the lowest graduation rate among racial and ethnic groups (72.2%), posted a 7.6 percentage point increase in graduation rate from 2014 to 2019. During the same time period, the graduation rate for black students increased 4.4 percentage points. Among other groups, the graduation rate also increased for low income students, English learners, and students with disabilities (5.3, 4.6, and 4.1 percentage points, respectively).

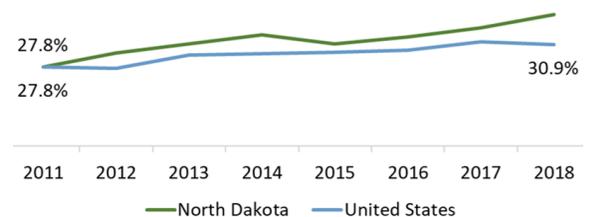
While progress for the most historically disadvantaged student groups is notable, substantial disparity in graduation rates exists between students with a disadvantaged status and their counterparts.

The North Dakota adult obesity rate increased to the 8th highest in the nation.

In 2011, 27.8 percent of North Dakota's adults (age 18 and older) were obese, ranking North Dakota 25th among the 50 states. Seven years later, in 2018, the adult obesity rate rose to 35.1 percent, raising North Dakota's ranking to the 8th highest in the nation.

The North Dakota obesity rate has trended above the national average since 2011.

Adults (age 18+) who are obese
North Dakota and U.S., 2011-2018



Check out [more trends](https://ndcompass.org/trends) at ndcompass.org/trends

Measuring Progress. Inspiring Action.

State of the State

Topic	National Rank	Key Measures	Current	Previous
AGING	22	Adults (age 65+) with at least one disability	33.4%	30.4%
	3	Adults (age 65+) who volunteer	41.1%	-
	21	Real median income, head of household (age 65+)	\$44,824	\$42,146
CHILDREN & YOUTH	-	High schoolers who trust at least one adult	84.3%	85.6%
	32	High schoolers who binge drink	16.4%	-
	14	High schoolers who have ever had sex	36.6%	38.9%
CIVIC ENGAGEMENT	8	Voted in mid-term election (voting-eligible)	57.8%	43.8%
	8	Residents (age 16+) who volunteer	40.3%	-
EARLY CHILDHOOD	2	Babies born at low birth weight	6.6%	6.7%
	48	Children enrolled in preschool	37.2%	29.4%
	5	Children (under age 6) with working parents	75.4%	76.3%
ECONOMY	9	Annual change in real Gross Domestic Product	3.6%	0.0%
	-	Total nonfarm payroll jobs	433,400	430,800
	18	Real median household income	\$63,837	\$63,206
	11	Poverty rate	10.7%	10.3%
EDUCATION	-	3rd graders who are proficient in reading	48.0%	46.0%
	-	8th graders who are proficient in math	47.0%	44.0%
	-	Students who graduate high school on time	88.3%	88.0%
ENVIRONMENT	47	Population with low access to a grocery store	30.7%	-
	-	Days air quality was rated "good" (Williams County)	78.6%	85.5%
HEALTH	43	Adults (age 18+) who are obese	35.1%	33.2%
	11	Adults (age 18+) with diabetes	9.4%	9.0%
	21	Residents (under age 65) who are uninsured	8.4%	8.8%
HOUSING	42	Homeownership rate	62.5%	63.4%
	1	Households that are cost-burdened	22.8%	22.8%
WORKFORCE	2	Proportion of adults (age 16-64) working	78.8%	79.7%
	31	Adults (age 25+) with bachelor's degree or higher	29.7%	30.7%
	33	Graduation rate at 4-year institutions (within 6 years)	52.0%	51.6%

National Rank (1 = Best); Current - most recent data available on ndcompass.org at the time of creating this document
Missing values (-) Ranking unavailable or unable to compare due to change in methodology

NORTH DAKOTA BY NUMBERS



79%

Adults (age 16 to 64) who are employed, ranking North Dakota second highest among the 50 states in 2018.



4%

Annual growth rate of North Dakota's inflation-adjusted GDP for 2000-2018, as compared to 2 percent annual growth rate in the U.S., ranking North Dakota first among the 50 states.



20%

Increase in median household income from 2008 to 2018, the largest percentage increase in median household income among the 50 states.



35.2

Median age in North Dakota in 2018, compared to 38.2 in the U.S. In 2018, North Dakota was the only state with a younger median age compared to 2010 (37.0 years in 2010).



8th

Rank of North Dakota among the 50 states (from highest to lowest) for the percentage of voting-eligible population who voted during the midterm election in 2018 (59%).



9

Number of North Dakota counties with a median age older than 50 years. Overall, North Dakota is getting younger with a statewide median age 35.2.



20%

Increase in the number of children (age 0 to 17) from 2010 to 2019, the largest percentage increase among the 50 states.



20%

Adults (age 18 and older) who have ever been told they have a form of depressive disorder. The prevalence of depression for females is twice of that for males (26% and 13%, respectively).



64%

Increase in population of color in North Dakota from 2010 to 2018 as compared to a 16% increase in the U.S., by far the largest increase of any state.



11%

People below the poverty level in North Dakota in 2018, lower than the national rate of 13%. By county, poverty rates range from 7% to 33%.

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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.

NORTH DAKOTA'S POPULATION AT A GLANCE

	2010		2018	
Population	672,591	-	762,062*	-
Children & youth (age 0-17)	149,871	22.3%	178,698	23.5%
Working age residents (age 20-64)	403,179	59.9%	443,609	58.5%
Older adults (age 65+)	97,477	14.5%	116,637	15.3%
People of color (non-white)	74,155	11.0%	121,888	16.0%
American Indian population	36,948	5.5%	41,962	5.5%
Individuals with at least one disability	68,797	10.4%	80,979	10.9%
Individuals (age 25+) with a bachelor's degree or higher	122,299	27.6%	148,610	29.7%
People in poverty	84,895	13.1%	78,676	10.7%

*Number from 2019



Funders and Members

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Bush Foundation | Otto Bremer Trust | NDSU Extension
North Dakota Census Office | ND Association of Counties
DLN Consulting | Vision West ND | Gate City Bank

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