

Overall Rank: 17

Change: ▼6

Determinants Rank: 19

Outcomes Rank: 14

Strengths:

- Low violent crime rate
- Low incidence of infectious disease
- Few poor mental and physical health days per month
- Low levels of air pollution

Challenges:

- High prevalence of binge drinking
- High geographic disparity within the state

Significant Changes:

- In the past year, the high school graduation rate declined by 5%
- In the past year, the percentage of children in poverty increased by 38%
- In the past ten years, the rate of deaths from cardiovascular disease decreased by 21%
- Since 1990, the prevalence of obesity increased by 129%

Ranking: North Dakota is 17th this year; it was 11th in 2008.

Strengths: Strengths include a low violent crime rate at 167 offenses per 100,000 population, a low incidence of infectious disease at 2.4 cases per 100,000 population, few poor mental and physical health days per month at 2.2 days and 2.8 days in the previous 30 days, respectively, and low levels of air pollution at 5.6 micrograms of fine particulate per cubic meter.

Challenges: Challenges include a high prevalence of binge drinking at 22.4 percent of the population, a high occupational fatalities rate at 6.8 deaths per 100,000 workers and high geographic disparity within the state at 17.7 percent. North Dakota ranks lower for health determinants than for health outcomes, indicating that overall healthiness may decline over time.

Significant Changes:

- ▼ In the past year, the high school graduation rate declined from 86.3 percent to 82.1 percent of incoming ninth graders who graduate within four years.

▲ In the past year, the percentage of children in poverty increased from 12.5 percent to 17.2 percent of persons under age 18.

▼ In the past ten years, the rate of deaths from cardiovascular disease decreased from 325.1 to 257.3 deaths per 100,000 population.

▲ Since 1990, the prevalence of obesity increased from 12.1 percent to 27.7 percent of the population.

Health Disparities: In North Dakota, obesity is more prevalent among non-Hispanic American Indians at 45.4 percent than non-Hispanic whites at 25.8 percent. The prevalence of diabetes also varies by race and ethnicity in the state; 12.8 percent of non-Hispanic American Indians have diabetes compared to 6.5 percent of non-Hispanic whites. In addition, mortality rates vary in North Dakota, with 1,343.8 deaths per 100,000 population among American Indians compared to whites, who experience 711.3 deaths per 100,000 population.

State Health Department Web Site:

www.health.state.nd.us

DETERMINANTS	2009		NO. 1 STATE
	VALUE	RANK	
BEHAVIORS			
Prevalence of Smoking (Percent of population)	18.1	23	9.3
Prevalence of Binge Drinking (Percent of population)	22.4	49	9.0
Prevalence of Obesity (Percent of population)	27.7	31	19.1
High School Graduation (Percent of incoming ninth graders)	82.1	9	87.5
COMMUNITY & ENVIRONMENT			
Violent Crime (Offenses per 100,000 population)	167	4	118
Occupational Fatalities (Deaths per 100,000 workers)	6.8	41	3.1
Infectious Disease (Cases per 100,000 population)	2.4	1	2.4
Children in Poverty (Percent of persons under age 18)	17.2	24	8.6
Air Pollution (Micrograms of fine particles per cubic meter)	5.6	3	4.8
PUBLIC & HEALTH POLICIES			
Lack of Health Insurance (Percent without health insurance)	10.9	11	5.4
Public Health Funding (Dollars per person)	\$68	28	\$220
Immunization Coverage (Percent of children ages 19 to 35 months)	74.2	38	85.0
CLINICAL CARE			
Prenatal Care (Percent of pregnant women)*	68.5	—	—
Primary Care Physicians (Number per 100,000 population)	122.7	17	190.0
Preventable Hospitalizations (Number per 1,000 Medicare enrollees)	73.5	29	29.3
ALL DETERMINANTS			
	0.23	19	0.83
HEALTH OUTCOMES			
Poor Mental Health Days (Days in previous 30 days)	2.2	1	2.2
Poor Physical Health Days (Days in previous 30 days)	2.8	2	2.7
Geographic Disparity (Relative standard deviation)	17.7	46	4.3
Infant Mortality (Deaths per 1,000 live births)	5.9	12	4.8
Cardiovascular Deaths (Deaths per 100,000 population)	257.3	19	212.6
Cancer Deaths (Deaths per 100,000 population)	183.4	11	144.7
Premature Death (Years lost per 100,000 population)	6,419	10	5,595
ALL HEALTH OUTCOMES			
	0.19	14	0.35
OVERALL			
	0.42	17	1.06

— indicates data not available. *See measure description for full details.

ECONOMIC ENVIRONMENT	
Unemployment Rate (Aug 2009)	4.3%
Underemployment Rate (2008)	6.1%
Median Household Income (2008)	\$49,631

