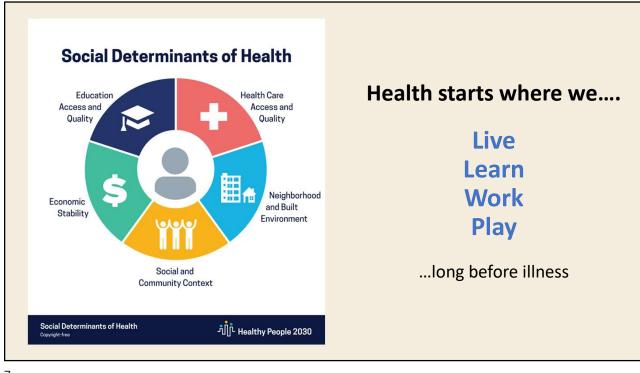
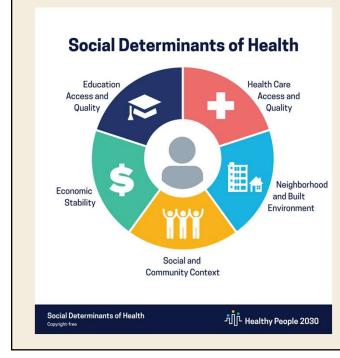




Health and Well-Being in North Dakota, 2022 A Social Determinants of Health Perspective

A study conducted by the Center for Social Research at NDSU on behalf of the BCBSND Caring Foundation Presented at the UND Dakota Conference – June 2023

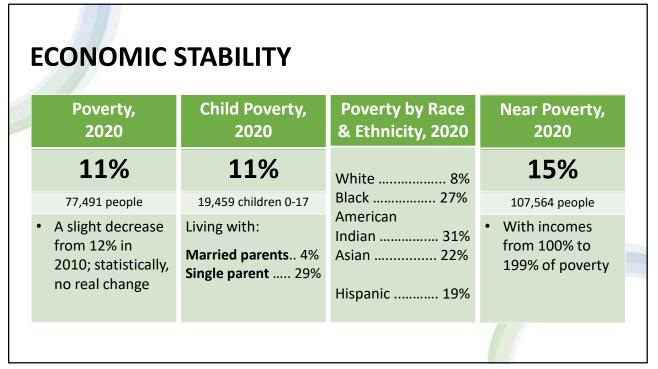


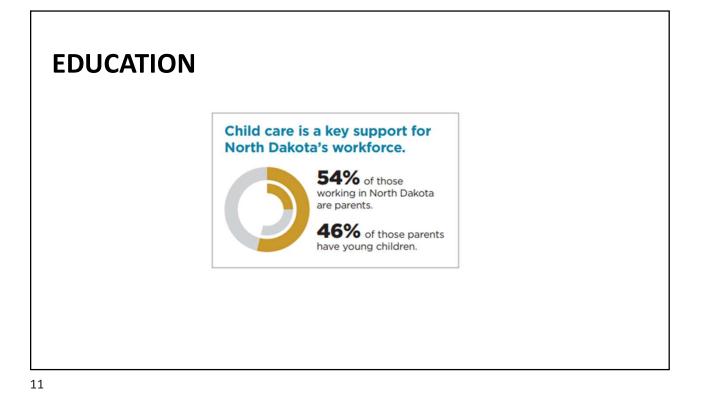


Repeated studies have found that the conditions in which we live and work have an enormous impact on our health, long before we see a doctor. By thinking about health as something beyond what we get at the doctor's office, but instead as something that starts in our families, in our schools and workplaces, in our playgrounds and parks, in the air we breathe, and the water we drink...

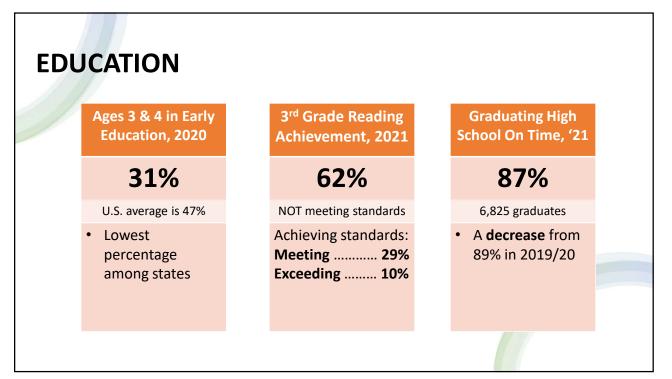
the **more opportunities** present to improve it.

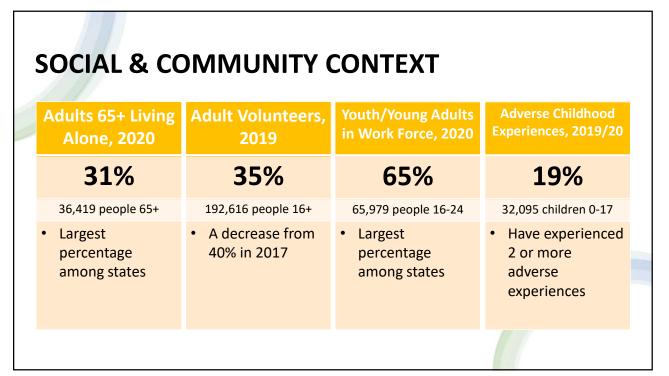
otal Population, 2020	Median Age, 2020	Population by Race, 2020	% Change, 2010 to 2020
779,094	35.3	White 82% Black	White 7% Black 237%
people	years	American Indian5%	American Indian6%
An increase of 16% from 2010 (or 106,503	Down from 37.0	Asian	
• •	become younger	 White population down from 89% in 2010 	Hispanic Origin1489



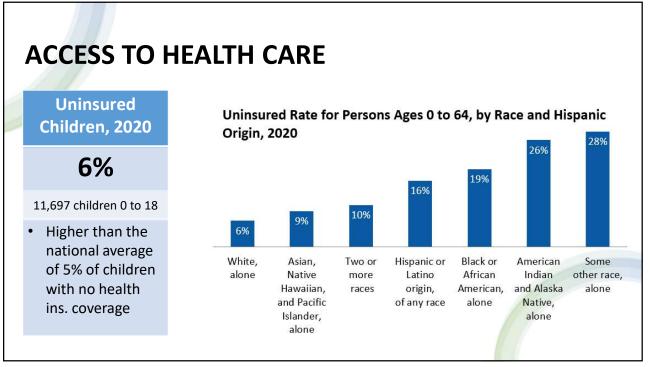


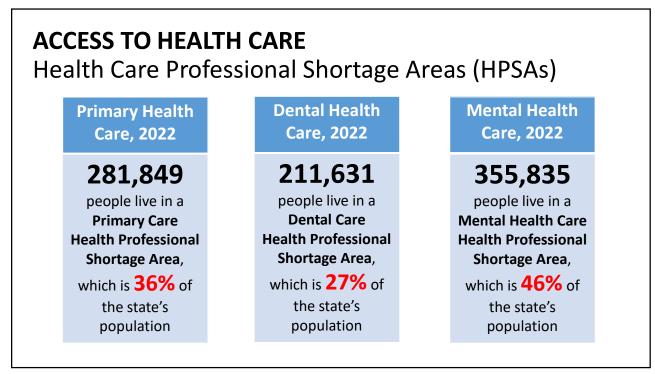
Number of Children Ages 0 to 5 for Every One Licensed Child Care Slot in North Dakota by County, 2020 0.8 to 1.4 Divide Bottineau Burke Cavalier Pembina Renvil 1.5 to 3.0 3.1 to 3.9 Pierce **Child Care** Walsh Williams 4.0 to 10.6 Ramsey Ward McHenry Mountrail Desert No Capacity Grand Nelson Forks McKenzie Eddy McLean Sheridan Traill Foster Griggs Steele Mercer GoldenBillings Burleigh Kidder Stutsman Barnes Cass alley Stark Morton LaMoure Slope Hettinger Logan Ransom Grant Richland Emmons Bowman Sioux McIntosh Dickey Sargent Adams Children: U.S. Census Bureau, 2016-2020 American Community Survey 5-Year Estimates Licensed Child Care Slots: Child Care Aware of North Dakota





Monthly Housing Costs, 2020	Household Cost Burden, 2020	Household Cost Burden, 2020	Broadband Subscription, 2020
Homeowner \$1,457 Renter \$828	23%	White 21%	83%
Change in Housing Costs, 2010 to 2020	10 to 2020 American	Of households have broadband subscription	
 Costs rose faster than inflation since 2010 among states, behind WV Inflation	among states, behind WV • Burden : 30% or	Indian 25% Asian 36% Hispanic 43%	 Lower than national average of 85%
Homeowner costs 27% Gross rent 49%	more of income to housing		





HEALTH BEHAVIORS		
Adult Smokers, 2021	High School Tobacco Use, 2021	Adult Alcohol Consumption, 2021
15%	6%	Binge Drink 21% Traffic fatalities due
 Have smoked at least 100 cigarettes, and smoke every day or some days 	High School students who: Vape 21% Use any form of tobacco 23%	 to alcohol
	2021 15% Of adults • Have smoked at least 100 cigarettes, and smoke every day	2021Tobacco Use, 202115%6%Of adultsSmoke cigarettes• Have smoked at least 100 cigarettes, and smoke every dayHigh School students who: Vape

ŀ	HEALTH OUT	COMES		
	Adult Obesity, 2021	Life Expectancy, 2020	Suicide Deaths, 2020	Drug Overdose Deaths, 2020
	35%	77.0	135 deaths	114 deaths
	U.S. average is 34%	years	18.2 deaths per 100k	14.9 deaths per 100k
	 ND average is up from 28% in 2011 	 A decrease from 79 years in 2018 	 2nd leading cause of death for people ages 15 to 44 	 A 396% increase from 23 deaths in 2010

CONCLUSIONS

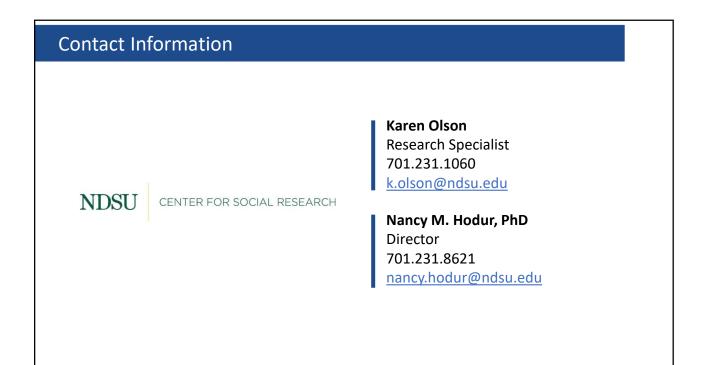
Strengths

- Population is growing and becoming more diverse
- Economy, overall, is strong; Housing costs are low relative to rest of nation; Most have enough to eat
- Many people are engaged in their communities and have access to Internet, exercise opportunities, and health care

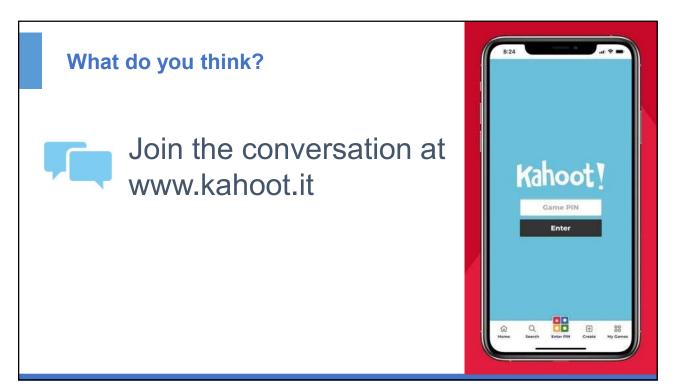
Opportunities to Improve Health and Well-Being - to list just a few...

- Some populations experience far greater disparities in health than others
- 26% of people in ND live in or near poverty (185,055 people)
- Quality early education is foundational, yet ND ranks last in enrollment
- When compared to national averages, ND children are more likely to live with someone experiencing mental illness, live with someone abusing substances, have a family member in jail or prison, and be a witness to domestic violence
- Life expectancy is down and mental health concerns continue to rise; alcohol, drug overdose, and suicide are leading factors in premature death





The Health and Well-Being of North Dakotans, 2022 – A Social Determinants of Health Perspective was made possible by the Blue Cross Blue Shield of North Dakota Caring Foundation. With this study, the Caring Foundation sought to better understand the state of the social determinants of health – the conditions in which people are born, grow, live, work, and age – in North Dakota and how they shape the health of North Dakotans and the communities where they live.
Gaining insight into these data can serve to identify disparities and barriers that impact people's health. It is the study sponsor's hope that this effort leads to greater collaboration and alignment among key stakeholders as they work to develop community-driven solutions and identify resources, both financial and non-financial, to address and improve health and well-being of North Dakotans.
The Center for Social Research, an applied social science research unit at North Dakota State University, was engaged to conduct this study to better understand how economic stability, education, the social and community context, the neighborhood and built environment, and access to health care are impacting the ability of North Dakotans to thrive.



Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has.

- Margaret Mead

THANK YOU!

Find resources at **bcbsnd.com/sdoh**

