ELEVATE THE HEALTH AND WELL-BEING OF NORTH DAKOTA

A Social Determinants of Health Perspective









It's time we made it possible for all Americans to afford to see a doctor, but it's also time we made it less likely that they need to.

- Robert Wood Johnson Foundation



HEALTH BEGINS IN OUR COMMUNITIES

- where we live, learn, work, play and age.





KAREN OLSON

Research Specialist

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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

January 2023

Social Determinants of Health



Health starts where we....

Live Learn Work Play

...long before illness

Social Determinants of Health Copyright-free



Social Determinants of Health



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.

Social Determinants of Health Copyright-free

Healthy People 2030

ECONOMIC STABILITY

Poverty, 2020	Child Poverty, 2020	Poverty by Race & Ethnicity, 2020	Near Poverty, 2020
11%	11%	White 8%	15%
77,491 people	19,459 children 0-17	Black 27%	107,564 people
 A slight decrease from 12% in 2010; statistically, no real change 	Living with: Married parents 4% Single parent 29%	American Indian 31% Asian 22% Hispanic 19%	 With incomes from 100% to 199% of poverty

EDUCATION

Ages 0-5, All Parents Working, 2020

74%

U.S. average is 67%

 6th largest percentage among states

Number of Children Ages 0 to 5 for Every One Licensed Child Care Slot in North Dakota by County, 2020



Children: U.S. Census Bureau, 2016-2020 American Community Survey 5-Year Estimates Licensed Child Care Slots: Child Care Aware of North Dakota

EDUCATION

Ages 0-5, All Parents Working, 2020	Ages 3 & 4 in Early Education, 2020	3 rd Grade Reading Achievement, 2021	Graduating High School On Time, '21
74%	31%	62%	87%
U.S. average is 67%	U.S. average is 47%	NOT meeting standards	6,825 graduates
 6th largest percentage among states 	 Lowest percentage among states 	Achieving standards: Meeting 29% Exceeding 10%	 A decrease from 89% in 2019/20

SOCIAL & COMMUNITY CONTEXT

Adults 65+ Living Alone, 2020	Adult Volunteers, 2019	Youth/Young Adults in Work Force, 2020	Adverse Childhood Experiences, 2019/20
31%	35%	65%	19%
36,419 people 65+	192,616 people 16+	65,979 people 16-24	32,095 children 0-17
 Largest percentage among states 	 A decrease from 40% in 2017 	 Largest percentage among states 	 Have experienced 2 or more adverse experiences

NEIGHBORHOOD & BUILT ENVIRONMENT

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	 70,445 households 2nd lowest rate 	Black 38% American	Of households have broadband subscription
 Costs rose faster than inflation since 2010 	among states, behind WV	Indian 25% Asian 36%	 Lower than national average
Inflation 19% Homeowner costs 27% Gross rent 49%	• Burden: 30% or more of income to housing	Hispanic 43%	of 85%

ACCESS TO HEALTH CARE



ACCESS TO HEALTH CARE

Uninsured	Primary Health	Dental Health	Mental Health
Children, 2020	Care, 2022	Care, 2022	Care, 2022
6%	281,849	211,631	281,849
11,697 children 0 to 18	people live in a	people live in a	people live in a
	Primary Care	Dental Care	Mental Health Care
 Higher than the	Health Professional	Health Professional	Health Professional
national average	Shortage Area,	Shortage Area,	Shortage Area,
of 5% of children	which is 36% of	which is 27% of	which is 46% of
with no health	the state's	the state's	the state's
ins. coverage	population	population	population

HEALTH BEHAVIORS

Physically INactive	Adult Smokers,	High School	Adult Alcohol
Adults, 2021	2021	Tobacco Use, 2021	Consumption, 2021
25%	15%	6%	Binge Drink 21% Traffic fatalities due
Of adults	Of adults	Smoke cigarettes	to alcohol 35%
 Did not	 Have smoked at	High School	 2nd highest binge
participate in any	least 100	students who:	drinking rate in the
physical activity	cigarettes, and	Vape 21%	nation Only 8 other states
or exercise in past	smoke every day	Use any form of	had higher fatality
month	or some days	tobacco 23%	rate

HEALTH OUTCOMES

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

ACKNOWLEDGEMENTS



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.

NDSU

CENTER FOR SOCIAL RESEARCH

NDSU CENTER FOR SOCIAL RESEARCH

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The full report is available at <u>https://www.bcbsnd.com/social-determinants-of-health</u> and <u>https://www.ndsu.edu/csr/research_and_evaluation/</u>



ALICIA BELAY

Deputy Director, Community Engagement Unit

North Dakota Health & Human Services



Community Engagement Unit

Alicia Belay, MPH, PhD, Community Engagement Assistant Director Social Determinants of Health Round Table – Fargo February 22, 2023



Health & Human Services

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Community Engagement (CE) Unit

The mission of the CE Unit is to understand and reduce health disparities among all North Dakotans. The primary goal is to work alongside North Dakota communities in addressing health-related needs to reduce disease rates by providing opportunities for interventions and improving access to health care.

This will ensure that all North Dakotans have the ability to reach their optimal health.



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NORTH

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Public Health Division





Healthy and Safe Communities Section Community Engagement Unit



Public Health Division Strategic Plan



NORTH Be Legendary. Health & Human Services



Community Engagement Strategic Plan

- Originated from North Dakota Department of Health Strategic Plan
- Front cover symbol represents committeeapproved method of highlighting data disparities
- Living, public document that is updated monthly
- Includes 20 SMART goals and specific strategies to address additional public health inequities
- Identifies populations of focus, accreditation standards and tracking method



Community Engagement Unit Strategic Plan 2020-2024



Addressing COVID-19 in ND Special Populations

- Living, public document
- Updated monthly
- Identify activity to address needs, partners and tracking method
- Includes 106 goals to address COVID-19 disparities among Special Populations in North Dakota:
 - New American/Foreign Born/Immigrant (NFI)
 - African American
 - American Indian/Alaskan Natives
 - Persons with disabilities
 - Aging or elderly
 - LGBTQ2S+
 - Homeless
 - Rural



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Addressing COVID-19 in



North Dakota Special Populations

January 2021 - June 2024

COMMUNITY ENGAGEMENT UNIT STRATEGIC PLAN

Advisory Boards

New American/Foreign Born/Immigrant (NFI)



Diverse cross-section of individuals and organizations with ties to NFI communities Ally, provider and/or members of the LGBTQ2S+ community (18+)

BeYOU LGBTQ2s+

Youth (YAB)



Provide insight- ensuring youth perspectives are incorporated in planning and decisions for the state, as well as forming community partnerships (15-21)

Tribal Health



Led by NDSU American Indian Public Health Resource Center



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CE Unit Project Highlights



- Health Equity Ambassador Program
- Your Health Matters Newsletter
- Development of Health Equity Training Series
- Over 160 Collaborative Partnerships
- Internal Partnerships
 - Immunizations
 - HIV/STIs/TB/Viral Hepatitis
 - Behavioral Health



Best Practices







Thank You

Community Engagement | *hhs-engagement@nd.gov*



Health & Human Services



VANESSA TIBBITS

Program Leader

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ERIN OBAN

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BCBS Caring Foundation: Elevating the Health & Well-being of North Dakota

Erin Oban, State Director

USDA Rural Development | North Dakota

Together, America Prospers





Mission: We are committed to increasing the economic opportunities and improving the quality of life in America's rural and Tribal communities.

How: Providing financing as grants, loans, and loan guarantees through more than 70 programs to rural individuals and families, small business owners, non-profits, cooperatives, and community and tribal entities.



USDA RD Major Programs

Business Programs	Energy Programs	
Cooperative Services	Housing Programs	
Community Programs	Electric Programs	
Water & Environmental Programs	Telecommunications Programs	rd.usda.gov/files/ RD_ProgramMatrix.pdf



FY22 Investments in North Dakota





USDA RD and Social Determinants of Health

How can USDA Rural Development help create better conditions?



Healthy People 2030, U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promo. etrieved [date graphic was accessed], from https://health.gov/health.gov/healthypeople/objectives-and-data/social-determinants-health



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Thank you!

Thank you 🤹 🗑 ND 🅬 for your partnership & leadership!

USDA Rural Development North Dakota State Office

220 E Rosser Ave, Room 208 Bismarck, ND 58502-1737 Phone: (701-530-2037 | (800) 366-6888 General inquiries: <u>info@nd.usda.gov</u> Visit <u>https://www.rd.usda.gov/nd</u>

Area office locations in Bismarck, Devils Lake, Dickinson, Minot, and Valley City.

USDA is an equal opportunity provider, employer, and lender.



JESSICA THOMASSON

Director, Human Services Division

North Dakota Health & Human Services



Supporting Working Families | Strengthening our Workforce

An Overview of the ND Child Care Proposal in the 2023-25 Executive Budget Request Presented at the Summit on the Health and Well-Being in North Dakota 2022: A Social Determinants of Health Perspective, February 22, 2023



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Why think about Child Care as a Workforce Solution?

- ✓ North Dakota has more job openings than people to fill them.
- ✓ 47% of ND job openings pay an average starting wage of less than \$25/hour.
- To thrive communities need workers who want to work in both high-skill-required and low-skillrequired jobs.
- ✓ The economic realities of child-rearing affect household decisions about employment.
- ✓ There are 45,000 ND households who have children younger than age 5.
- ✓ 3 of every 4 children households with children younger than age 5 have all parents in the workforce.



2023-25 Executive Budget Request for New Investment in Child Care as a Workforce Solution A strategy of both comprehensive and targeted investment



Target investments to ages 0-3

- Age of highest developmental return for children
- Period of greatest economic pressure for most young families
- ✓ Critical decision point for individuallevel decisions about how/if to rejoin the labor force
- Focus on working families employed in occupations where compensation doesn't offset the cost of child care needed to enable work



Embrace an all-of-the-above approach to child care

- Quality early experiences can happen anywhere.
- ✓ Working families should have meaningful choices about child care.
- ✓ Principles of quality are knowable and transferrable to any setting.
- Sustainable child care businesses will support more sustainability within the workforce.

Help working parents provide for their families by supporting employment, training and education goals

- ✓ Benefits are scaled to family need.
- Employers have meaningful vehicles to remediate child care as a barrier to work.
- ✓ There are opportunities for children who are least likely to have access to quality early childhood experiences.

Child care is a workforce solution that can make a difference for ND employers



Affordability

Connect more working families to child care assistance to keep the cost of child care within 7% of household income

\$27 million | Helping lower income working parents with child care costs | Public private cost share for employer-provided child care benefit for employees



Availability

Make it easier for working families to find child care when and where they need it

\$22 million | Payments for Infant and Toddler care | Supporting more sustainable operations for child care entrepreneurs | Care during nontraditional hours | Child care worker career pathways | Criminal background checks



Quality

Help kids realize their potential by supporting quality early childhood experiences

\$24 million | Best in Class program | Scholarships and Incentives for child care worker professional development | Connecting child care payments to quality

Supporting Working Families | Strengthening our Workforce ND Child Care Proposal

SB 2012, 2023-25 Executive Budget Request

- 1. Invest in the child care assistance program (\$22M)
- 2. Extend ND's employer-led child care cost sharing program (\$5M)
- 3. Increase provider payments for infant and toddler care (\$13M)
- 4. Streamline background checks and reduce administrative burden (\$1M)
- 5. Support child care providers with grants, incentives and shared services (\$7M)
- 6. Create new partnerships for care provided during non-traditional hours (\$1M)
- 7. Build improved career pathways
- 8. Expand the Best in Class program (\$16M)
- 9. Established quality-based tiers in the CCAP payment schedule and quality infrastructure to support excellence in service delivery (\$6M)
- 10. Reward the completion of above-and-beyond training (\$2M)





1 Included in 2023-25 Executive Budget Request | ND Child Care Proposal Affordability Invest in the child care assistance program | \$22 million

Increase the number of families who receive help paying for child care, with special attention on with kids ages 0 to 3. Expand resources available to the state's child care assistance program (CCAP) to make a difference for more families in more industries in more parts of North Dakota.

32,372 children age 0-5 likely to need child care

Grow child care assistance participation to 3,000 children ages 0-3 (\$22 million)



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When is child care affordable?

Average monthly cost of care in a Child Care Center compared to affordability standard of 7% of household income



Center-based avg	Household income needed?	= combined hourly wage of
\$726	\$124,400	\$60/hr



2 children (1-year-old and 4-year old) Center-based avg Household income needed? = combined hourly wage of \$1,564 \$268,100 \$129/hr



Number of families who have received help with child care costs from CCAP over the last calendar year

12 month total, Dec 2021-Dec 2022 | Data Dashboard at https://www.hhs.nd.gov/applyforhelp/ccap



2,739 Total Families participating in CCAP in November 2022

(includes children ages 0-12)

NOTES:

The map titled "County Investment" offers a county by county picture of the number of working families, or families in education or training programs, who are benefitting from child care assistance. The data is based on the family's county of residence. Of note: if a family moves from one county to another during the selected timeframe, this map will count them as having lived in both counties.



The map defaults to show the total served in the most recent 12-month period. The filter can be adjusted to show specific months

Household Earnings (annual and hourly) by various eligibility levels

	Families potentially eligible for Child Care Assistance (CCAP)											
	Federal Poverty Level		30% SMI		60% SMI		85% SMI		100% SMI		150% SMI	
НН	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly
Size	Income	Wage	Income	Wage	Income	Wage	Income	Wage	Income	Wage	Income	Wage
1	\$13,590	\$6.53	\$16,704	\$8.03	\$33,408	\$16.06	\$47,328	\$22.75	\$55,680	\$26.77	\$83,520	\$40.15
2	\$18,310	\$8.80	\$21,840	\$10.50	\$43,692	\$21.01	\$61,896	\$29.76	\$72,820	\$35.01	\$109,230	\$52.51
3	\$23,030	\$11.07	\$26,988	\$12.98	\$53,964	\$25.94	\$76,452	\$36.76	\$89,940	\$43.24	\$134,910	\$64.86
4	\$27,750	\$13.34	\$32,124	\$15.44	\$64,248	\$30.89	\$91,020	\$43.76	\$107,076	\$51.48	\$160,614	\$77.22
5	\$32,470	\$15.61	\$37,260	\$17.91	\$74,532	\$35.83	\$105,576	\$50.76	\$124,220	\$59.72	\$186,330	\$89.58
6	\$37,190	\$17.88	\$42,396	\$20.38	\$84,804	\$40.77	\$120,132	\$57.76	\$141,340	\$67.95	\$212,010	\$101.93
7	\$41,910	\$20.15	\$43,368	\$20.85	\$86,736	\$41.70	\$122,868	\$59.07	\$144,560	\$69.50	\$216,840	\$104.25
8	\$46,630	\$22.42	\$44,328	\$21.31	\$88,656	\$42.62	\$125,604	\$60.39	\$147,760	\$71.04	\$221,640	\$106.56

*2022 State Median Income (SMI) and 2022 Federal Poverty Level (FPL)

"Hourly wage" is calculated by assuming 2080 hours worked per year per annual income range noted. Multiple wage earners could combine earnings to attain the noted household (HH) income / hourly wage.



The cost of child care is a financial challenge for thousands of working parents who earn modest wages

25%







\$15 - \$20 / hour	\$20 - \$28 / hour	\$28 - \$35 / hour	>\$35 / hour
Home health/PT aide	Carpenter	School counselor	Engineer
Personal care aide	Loan processor	Rotary drill operator	Constr mgr
Hair stylist	Legal secretary	HR specialist	Electrician
Retail	Correctional officers	Accountant	Lineman
Receptionist/secretary	Auto service tech	Real Estate Sales	Gen/Op mgr
Restaurant cook	Surgical tech	PR specialist	Loan officer
Preschool teacher	Roofer	Counselor	Lawyer
EMTs & paramedics	Lic Practical Nurse	Registered Nurse	Sales
Assemblers	Dental assistant	Comp network specialist	Software dev
Maintenance workers	Firefighter	Construction supervisor	Veterinarian
Nursing assistant	Surgical assistant	Dental hygienist	Pharmacist
Laborer	Clergy	Architectural drafter	Physician
Substitute teacher	Social worker	Speech pathologist	Dentist
Stocker/order filler	Police		Psychologist
Landscaping/grounds	Hotel manager	72 / 20	, 0
Janitor	Truck driver		45 000
		20%	45,000
	100 020		12%
90,050	102,220		
	Home health/PT aide Personal care aide Hair stylist Retail Receptionist/secretary Restaurant cook Preschool teacher EMTs & paramedics Assemblers Maintenance workers Nursing assistant Laborer Substitute teacher Stocker/order filler Landscaping/grounds	Home health/PT aide Personal care aide Hair stylistCarpenter Loan processor Legal secretaryRetailCorrectional officersReceptionist/secretary Restaurant cookAuto service tech Surgical techPreschool teacher EMTs & paramedicsRooferEMTs & paramedicsLic Practical Nurse Dental assistantMaintenance workers Nursing assistant LaborerDental assistant Surgical assistantLaborer Stocker/order filler Landscaping/groundsSocial worker Hotel manager Truck driver	Home health/PT aide Personal care aide Hair stylist RetailCarpenter Loan processor Legal secretary Correctional officers Auto service tech Surgical tech Rosfer Lic Practical Nurse Dental assistant Firefighter Substitute teacher Stocker/order filler Landscaping/grounds JanitorCarpenter Loan processor Legal secretary Correctional officers Auto service tech Surgical tech Roofer Lic Practical Nurse Dental assistant Firefighter Substitute teacher Stocker/order filler Landscaping/grounds JanitorSchool counselor Rotary drill operator HR specialist Counselor Real Estate Sales PR specialist Counselor Registered Nurse Comp network specialist Construction supervisor Dental hygienist Architectural drafter Speech pathologistMaintenance workers Stocker/order filler Landscaping/grounds JanitorCarpenter Loan processor Legal secretary Social worker Police Hotel manager Truck driverSchool counselor Rotary drill operator HR specialist Counselor Registered Nurse Comp network specialist Construction supervisor Dental hygienist Architectural drafter Speech pathologist

Source: Job Service ND 2021 Employment and Wages by Occupation dataset | mean wage by occupation; 741,920 jobs included in statewide wage summary

30%



What is workforce?

lt's workers.







When quality child care is more affordable, it's easier for parents to work.







Contact information

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BREAKOUT DISCUSSION

- Table facilitators will guide conversations
- Reconvene to report out your table's discussion, themes and ideas
- Post-it notes and N.D. map

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**

