Generation Z - North Dakota’s Youngest: Insecurity amidst strength

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Today’s Outline

Demographics/Socio-economics

Food Insecurity in North Dakota

Behavioral Health Trends

Child Outcomes Measures
Blurred Lines

Generations refer to people associated with a distinct era of history based on their birth years, but the cutoffs are fuzzy.

Sources: Pew Research Center, Social Security Administration, United States Office of Personnel Management, Generations: The History of America’s Future

THE WALL STREET JOURNAL.
How much of your life the U.S. has been at war

1915
36.9%

The Washington Post
https://wapo.st/2H89RBv
1982
50%
Demographics and Socio-economics of North Dakota’s children
Demographic Overview

Total Population in North Dakota, 2000 to 2018

Data from the U.S. Census Bureau, Population Estimates Program
Historical Population Trends: 1920 to 2018

Data from the U.S. Census Bureau, Population Estimates Program
Number of Children Ages 0-17 in North Dakota, 1920-2018

Data from the U.S. Census Bureau, Population Estimates Program
Total Net Migration for North Dakota, 2000 to 2018

Data from the U.S. Census Bureau, Population Estimates Program
Total Births in North Dakota, 1937-2018

Data from the North Dakota Department of Health, Vital Records
More kids

Data from the U.S. Census Bureau, Population Estimates Program
Growth and Diversity
America is becoming more diverse

Percentage of Infants Under Age 1 Who Are Non-White

60.0% and above
50.0 to 59.9%
40.0 to 49.9%
Less than 40.0%

Source: Author's analysis of 2010 census data

ND’s Growing Child Diversity
Children ages 0 to 17

1990
- White*: 91%
- American Indian*: 6%
- Black*: 1%
- Asian*: 1%
- Hispanic: 1%

2000
- White: 88%
- American Indian*: 8%
- Black*: 1%
- Asian*: 1%
- Hispanic: 2%

2018
- White*: 78%
- American Indian*: 9%
- Black*: 5%
- Asian*: 2%
- Hispanic: 6%

Note: * indicates individuals of non-Hispanic origin.

Data from the U.S. Census Bureau: Decennial Census and the Population Estimates Program
White, Non Hispanic Youth

Change in Number of White, Non-Hispanic Children Ages 0 to 17: 2010 to 2018

- **Loss: 100 to 321**
- **Gain: 1 to 499**
- **Loss: 1 to 99**
- **Gain: 500 to 3,647**

Data from the U.S. Census Bureau: Decennial Census and the Population Estimates Program
Black, Non-Hispanic Youth

Change in Number of Black, Non-Hispanic Children Ages 0 to 17: 2010 to 2018

- **Blue**: Loss: 1 to 7
- **Orange**: Gain: 1 to 99
- **Gray**: No Change
- **Red**: Gain: 100 to 2,597

Data from the U.S. Census Bureau: Decennial Census and the Population Estimates Program
Hispanic Youth

Change in Number of Hispanic Children: 2010 to 2018

- Loss: 3
- Gain: 1 to 199
- No Change
- Gain: 200 to 945

Data from the U.S. Census Bureau: Decennial Census and the Population Estimates Program
Native American Youth

Change in Number of American Indian, Non-Hispanic Children: 2010 to 2018

- Loss: 19 to 46
- Gain: 1 to 99
- Loss: 1 to 18
- Gain: 100 to 274

Data from the U.S. Census Bureau: Decennial Census and the Population Estimates Program
Asian, Non-Hispanic Youth

Change in Number of Asian, Non-Hispanic Children: 2010 to 2018

- Loss: 1 to 13
- Gain: 1 to 49
- No Change
- Gain: 50 to 909

Data from the U.S. Census Bureau: Decennial Census and the Population Estimates Program
Changing Family Structures
North Dakota, 1980-2017

Data from the U.S. Census Bureau: Decennial Census and the American Community Survey
Foster Care Placements
North Dakota, 2000 to 2018

Data from the North Dakota Department of Human Services – AFCARS dataset (children served by the foster care system during FFY)
Foster Care Placements
North Dakota by Race/Ethnicity, 2018

White, Non Hispanic 47%
American Indian, Non Hispanic 35%
Hispanic 6%
Other, Non Hispanic 3%
Black, Non Hispanic 9%

Data from the North Dakota Department of Human Services, AFCARS dataset.
Homeless Students
North Dakota, 2008-09 to 2018-19

North Dakota KIDS COUNT
www.ndkidscount.org

North Dakota Department of Public Instruction, Special Request
North Dakota’s Economy

**North Dakota’s Economy**

- Among **TOP 10** since 2010 in Per Capita Gross Domestic Product (GDP)
- Among **TOP 10** from 2011 through 2014 in Per Capita Personal Income (PCPI)

**ALSO, Lowest unemployment rate in the nation from 2009 to 2015, 4th lowest in 2018**

Child Poverty in North Dakota, 2000 to 2017

Data from the U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE)
Poverty Rates of the Population Under 18 by County: 2016

Note: The data provided are indirect estimates produced by statistical model-based methods using sample survey, decennial census, and administrative data sources. The estimates contain error stemming from model error, sampling error, and nonsampling error.

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE) Program, Nov. 2017
Child Poverty Rates in North Dakota by Family Type, 2017

- In a Single Parent Family: 34%, 8x
- With a Responsible Grandparent: 24%, 6x
- In a Married Couple Family: 4%

Data from the U.S. Census Bureau, American Community Survey
Percent of North Dakota Children in Poverty by Race/Ethnicity, 2000 and 2017

Data from the U.S. Census Bureau: Decennial Census and the American Community Survey
Child Poverty in North Dakota, 2000 to 2017

Data from the U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE)
Low Income Children in North Dakota, 2010 to 2017

Income to Poverty Ratio

Data from the U.S. Census Bureau, American Community Survey 1-Year Estimates
Low and Near Low Income Children in North Dakota, 2010 to 2017

Income to Poverty Ratio

Data from the U.S. Census Bureau, American Community Survey 1-Year Estimates
Children by Income Level in North Dakota, 2010 to 2017

Income to Poverty Ratio

Data from the U.S. Census Bureau, American Community Survey 1-Year Estimates
Uninsured Rate for Children in North Dakota, 2008 to 2017

Data from the U.S. Census Bureau, Small Area Health Insurance Estimates
Cost of living in ND, employed mother of two, 2004**

- $36,780
- Needs $17.68 / hour

Estimated cost of living for an employed single mother (age 24) with two children (ages 4 and 6) in North Dakota, 2004

<table>
<thead>
<tr>
<th>Item</th>
<th>Monthly Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Housing (rent, insurance, utilities)</td>
<td>$756</td>
</tr>
<tr>
<td>*Phone</td>
<td>35</td>
</tr>
<tr>
<td>Food</td>
<td>328</td>
</tr>
<tr>
<td>*Child care</td>
<td>741</td>
</tr>
<tr>
<td>Household, personal care items and clothing</td>
<td>325</td>
</tr>
<tr>
<td>Transportation (car payments, gas, repairs, insurance, etc.)</td>
<td>642</td>
</tr>
<tr>
<td>Health care (insurance, prescriptions, etc.)</td>
<td>238</td>
</tr>
<tr>
<td><strong>Total per month</strong></td>
<td><strong>$3,065</strong></td>
</tr>
<tr>
<td><strong>Total per year</strong></td>
<td><strong>$36,780</strong></td>
</tr>
</tbody>
</table>

*Based on local information

Note: The information designated * are costs associated with essential living items that were collected through research in the Fargo-Moorhead area.
**Minimum wage in ND, 2019**
- $15,080
- $7.25 / hour

**Poverty threshold, single mother of two, 2018**
- $20,231
- Needs $9.73 / hour

**Cost of living in ND, employed mother of two, 2004**
- $36,780
- Needs $17.68 / hour

Children with Working Parents in North Dakota, 2009 to 2017

Data from the U.S. Census Bureau, American Community Survey 1-Year Estimates
Food Insecurity in North Dakota
What does it mean?

- We worried whether our food would run out before we got money to buy more.
- The food that we bought just didn’t last and we didn’t have money to get more.
- We couldn’t afford to eat balanced meals.
- You cut the size of your meals or skip meals because there wasn’t enough money for food.
- You eat less than you felt you should because there wasn’t enough money for food.
- You were hungry, but didn’t eat, because there wasn’t enough money for food.
- You lose weight because there wasn’t enough money for food.
- You did not eat for a whole day because there wasn’t enough money for food.

Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
If children present:

• We relied on only a few kinds of low-cost food to feed our children because we were running out of money to buy food.
• We couldn’t feed our children a balanced meal, because we couldn’t afford that.
• The children were not eating enough because we just couldn’t afford enough food.
• Did you ever cut the size of any of the children’s meals because there wasn’t enough money for food?

• Were the children ever hungry but you just couldn’t afford more food?
• Did any of the children ever skip a meal because there wasn’t enough money for food?
• Did any of the children ever not eat for a whole day because there wasn’t enough money for food?
Household & Family Type

North Dakota Household Food Insecurity Rates, 2015-2017

Percent

<table>
<thead>
<tr>
<th>Category</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Households</td>
<td>9.1</td>
</tr>
<tr>
<td>With Children</td>
<td>12.9</td>
</tr>
<tr>
<td>With Young Parents</td>
<td>24.2</td>
</tr>
<tr>
<td>With Single Mothers</td>
<td>30.8</td>
</tr>
<tr>
<td>With Single Fathers</td>
<td>17.5</td>
</tr>
<tr>
<td>With Married Parents</td>
<td>6.5</td>
</tr>
<tr>
<td>Women Living Alone</td>
<td>12.8</td>
</tr>
<tr>
<td>Men Living Alone</td>
<td>8.6</td>
</tr>
<tr>
<td>Elderly Living Alone</td>
<td>4.9</td>
</tr>
</tbody>
</table>

Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
Household & Family Type

North Dakota Household Food Insecurity Rates

Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
Race and Ethnicity

North Dakota Household Food Insecurity Rates

Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
Household Income Levels

North Dakota Household Food Insecurity Rates

- Incomes below 200% of poverty
- Incomes at 200% to 399% of poverty
- Incomes at 400% or higher

Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
Food Insecure by Income

Food Insecure Households WITH CHILDREN
– Distribution by Income Level

Data from the U.S. Census Bureau, Current Population Survey, Food Security Supplement
SNAP and School Lunch

Percent of North Dakota Children Participating in Free & Reduced Price Lunch and SNAP

SNAP data from the North Dakota Department of Human Services – Lunch data from the North Dakota Department of Public Instruction
Adverse Childhood Experiences (ACEs)

- Economic hardship (e.g., family often finds it hard to cover costs of food and housing)
- Parents divorced or separated
- Live with anyone who has a problem with alcohol or drugs
- Victim of violence or witnessed any violence in neighborhood
- Live with anyone who is mentally ill or suicidal, or severely depressed for more than a couple of weeks
- Witnessed domestic violence
- Parent served time in jail or prison
- Treated or judged unfairly due to race/ethnicity
- Death of parent
North Dakota ACEs: 2016
Five Most Common

- Divorce or parental separation: 21.9%
- Socioeconomic hardship: 20.3%
- Live with someone who is mentally ill or suicidal: 7.6%
- Parental alcohol and drug abuse: 7.2%
- Parent served time in jail: 5.7%

Data from the 2016 National Survey of Children’s Health
Multiple ACEs: 2016
North Dakota

Percentage of Youth, by Number of ACEs

- None, 60.1%
- One, 24.1%
- Two or more, 15.8%

Data from the 2016 National Survey of Children’s Health
Adverse Childhood Experiences

Measures of negative well-being

- High externalizing behavior
- Low engagement in school
- Problems at school
- Grade repetition
- Does not stay calm and controlled
- Does not finish tasks started
- Learning disability
- Fair/poor physical health

Percent of age-specific children

- 0 ACEs
- 1 ACE
- 2 ACEs
- 3+ ACEs

Child Abuse and Neglect Victims
North Dakota, 1998 to 2018

Data from the North Dakota Department of Human Services
Behavioral Health Trends
Weight (ND High School Students)

Data from the Youth Risk Behavior Survey
Teen Birth Rate
North Dakota, 1994 to 2018

Data from the North Dakota Department of Health, Vital Records
Teen Birth Rate, by Race and Hispanic Origin
North Dakota, 2004 to 2015

Data from the Centers for Disease Control and Prevention, National Center for Health Statistics
Teen Birth Rate, by Race and Hispanic Origin
North Dakota, 2004 to 2015

Data from the Centers for Disease Control and Prevention, National Center for Health Statistics
Percent who Binge Drink
North Dakota High School Students (and U.S.)

Data from the Youth Risk Behavior Survey
Smoke Cigarettes
North Dakota High School Students (and U.S.)

Data from the Youth Risk Behavior Survey
Electronic Vapor Products
North Dakota High School Students, 2017

Data from the Youth Risk Behavior Survey
Detained Juveniles by Race in ND
Rate per 100,000 Juveniles

Data from the National Center for Juvenile Justice, Office of Juvenile Justice and Delinquency Prevention, Census of Juveniles in Residential Placement 1997-2015
Detained Juveniles For Drug Offenses by Race in ND
Rate per 100,000 Juveniles

Percent in Physical Fight at School
North Dakota High School Students (and U.S.)

<table>
<thead>
<tr>
<th>Year</th>
<th>North Dakota</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>11.6</td>
<td>16.2</td>
</tr>
<tr>
<td>1995</td>
<td>10</td>
<td>15.5</td>
</tr>
<tr>
<td>1997</td>
<td>11.1</td>
<td>14.8</td>
</tr>
<tr>
<td>1999</td>
<td>8.6</td>
<td>14.2</td>
</tr>
<tr>
<td>2001</td>
<td>10.7</td>
<td>12.5</td>
</tr>
<tr>
<td>2003</td>
<td>9.6</td>
<td>12.8</td>
</tr>
<tr>
<td>2005</td>
<td>7.4</td>
<td>13.6</td>
</tr>
<tr>
<td>2007</td>
<td>8.2</td>
<td>12.4</td>
</tr>
<tr>
<td>2009</td>
<td>5.4</td>
<td>11.1</td>
</tr>
<tr>
<td>2011</td>
<td>8.8</td>
<td>12</td>
</tr>
<tr>
<td>2013</td>
<td>7.2</td>
<td>8.1</td>
</tr>
<tr>
<td>2015</td>
<td></td>
<td>7.8</td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td>8.5</td>
</tr>
</tbody>
</table>

Data from the Youth Risk Behavior Survey
Suspensions or Expulsions

Suspension or Expulsion Rate Per 1,000 Students
North Dakota

Data from the North Dakota Department of Public Instruction, [https://www.nd.gov/dpi/report/set/](https://www.nd.gov/dpi/report/set/)
Percent Bullied on School Property
North Dakota High School Students

<table>
<thead>
<tr>
<th>Year</th>
<th>Bullied in School</th>
<th>Electronically Bullied</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>21.1</td>
<td>14.3</td>
</tr>
<tr>
<td>2011</td>
<td>24.9</td>
<td>17.4</td>
</tr>
<tr>
<td>2013</td>
<td>25.4</td>
<td>17.1</td>
</tr>
<tr>
<td>2015</td>
<td>24.0</td>
<td>15.9</td>
</tr>
<tr>
<td>2017</td>
<td>24.3</td>
<td>18.8</td>
</tr>
</tbody>
</table>

Data from the Youth Risk Behavior Survey
Felt Sad and Hopeless
North Dakota High School Students (and U.S.)

<table>
<thead>
<tr>
<th>Year</th>
<th>North Dakota</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>25.0%</td>
<td>28.3%</td>
</tr>
<tr>
<td>2001</td>
<td>25.9%</td>
<td>28.3%</td>
</tr>
<tr>
<td>2003</td>
<td>20.8%</td>
<td>28.6%</td>
</tr>
<tr>
<td>2005</td>
<td>20.3%</td>
<td>28.5%</td>
</tr>
<tr>
<td>2007</td>
<td>17.1%</td>
<td>28.5%</td>
</tr>
<tr>
<td>2009</td>
<td>22.9%</td>
<td>26.1%</td>
</tr>
<tr>
<td>2011</td>
<td>23.8%</td>
<td>28.5%</td>
</tr>
<tr>
<td>2013</td>
<td>25.4%</td>
<td>29.9%</td>
</tr>
<tr>
<td>2015</td>
<td>27.2%</td>
<td>29.9%</td>
</tr>
<tr>
<td>2017</td>
<td>28.9%</td>
<td>31.5%</td>
</tr>
</tbody>
</table>

Data from the Youth Risk Behavior Survey
Percent Attempting Suicide
North Dakota High School Students (and U.S.)

Data from the Youth Risk Behavior Survey
Teen Deaths by Suicide
Deaths by suicide among youth age 15-19 per 100,000 teens

Data obtained from the National Vital Statistics System Mortality File through the Federally Available Dataset (FAD)
Teen Suicide Death Rate, By Race
Year(s): 2010-2014 | Race: All | Data Type: Rate

Data Provided by: North Dakota KIDS COUNT

Data obtained from the National Vital Statistics System Mortality File through the Federally Available Dataset (FAD)
Child Outcome Measures
Child Outcome Measures

• Early Childhood
  • Normal birthweight

• Education
  • Enrolled in preschool or Kindergarten
  • Reading proficiency by 4th grade
  • Math proficiency by 8th grade
  • Graduating high school on time

• Engaged in College and Workforce
  • Age 19-26 in school or working
  • Age 25-29 with an Associate’s degree plus
North Dakota

Data from “Race for Results: Building a path to opportunity for all children”. Annie E. Casey Foundation
North Dakota and the U.S.

Data from “Race for Results: Building a path to opportunity for all children”. Annie E. Casey Foundation
North Dakota and the U.S.

Data from “Race for Results: Building a path to opportunity for all children”. Annie E. Casey Foundation
The Gap in North Dakota

Data from “Race for Results: Building a path to opportunity for all children”. Annie E. Casey Foundation
The Gap in North Dakota

Data from “Race for Results: Building a path to opportunity for all children”. Annie E. Casey Foundation
Summary:
Insecurity amidst strength

• Mental Health
• Education
• Adult Relationships
• Economic Prosperity
Moving forward to secure futures
Thank you!

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ND KIDS COUNT Transition

• January 1, 2020

• Montana Budget and Policy Center in Helena, MT
  https://montanabudget.org/

• Heather O’Loughlin, Co-Director for Research and Development
ND KIDS COUNT Transition

- https://www.ndkidscount.org
Thank you!

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