#### North Dakota Adolescent Oral Health Data

## All North Dakota Children and Adolescents ages 0-17

- Figure 1. Percentage of Children and Adolescents (ages 0-17) with Any Dental Visit in the Past 12-Months
- Figure 2. Percentage of Children and Adolescents (ages 0-17) with a Preventive Dental Visit in the Past 12-Months
- Figure 3. Percentage of Children and Adolescents (ages 0-17) Reporting Fair/Poor Oral Health
- Figure 4. Percentage of Children and Adolescents (ages 0-17) Reporting No Oral Health Problems
- Figure 5. Percentage of Children and Adolescents (ages 0-17) in North Dakota with and without Special Health Care Needs (SHCN) Having at least One Preventive Dental Visit in the Past 12-months

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## Third Grade Students in North Dakota

- Figure 15. Percentage of Third Grade Students in North Dakota with a Dental Sealant on at Least One Molar
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- Figure 20. Percentage of Third Grade Students in North Dakota with Rampant Decay by Race
- Figure 21. Percentage of Third Grade Students in North Dakota with Dental Sealant(s) by Race
- Figure 22. Percentage of Third Grade Students in North Dakota with Need for Early and/or Urgent Dental Care by Race
- Figure 23. Percentage of Third Grade Students in North Dakota with Need for Urgent Dental Care by Race
- Figure 24. Percentage of Third Grade Students in North Dakota who Have Their Own Toothbrush by Race
- Figure 25. Percentage of Third Grade Students in North Dakota who Brushed Their Teeth Today by Race
- Figure 26. Percentage of Third Grade Students in North Dakota who Flossed Their Teeth Today by Race
- Figure 27. Percentage of Third Grade Students in North Dakota who have Ever Been to the Dentist by Race
- Figure 28. Percentage of Third Grade Students in North Dakota who Drink Pop Daily by Race, 2022
- Figure 29. Percentage of Third Grade Students in North Dakota with Decay Experience by Geography
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- Figure 31. Percentage of Third Grade Students in North Dakota with Rampant Decay by Geography
- Figure 32. Percentage of Third Grade Students in North Dakota with Dental Sealant(s) by Geography
- Figure 33. Percentage of Third Grade Students in North Dakota with Need for Early and/or Urgent Dental Care by Geography
- Figure 34. Percentage of Third Grade Students in North Dakota with Need for Urgent Dental Care by Geography
- Figure 35. Percentage of Third Grade Students in North Dakota who Have Their Own Toothbrush by Geography
- Figure 36. Percentage of Third Grade Students in North Dakota who Brushed Their Teeth Today by Geography
- Figure 37. Percentage of Third Grade Students in North Dakota who Flossed Their Teeth Today by Geography
- Figure 38. Percentage of Third Grade Students in North Dakota who have Ever Been to the Dentist by Geography



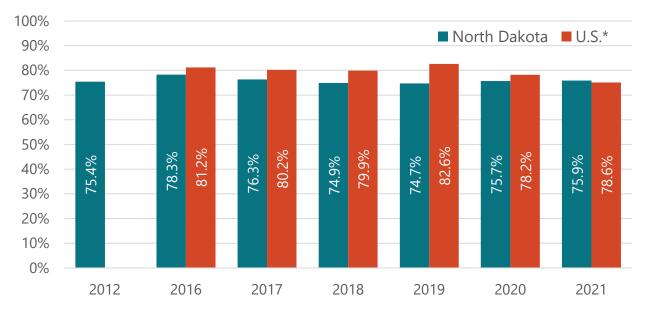
#### North Dakota Youth Grades 7-8 and 9-12

- Figure 39. Percentage of Youth Grades 7-8 and 9-12 in North Dakota Reporting any Dental Visit in the Past 12-Months
- Figure 40. Percentage of Youth Grades 7-8 and 9-12 in North Dakota Reporting use of Chewing Tobacco, Snuff or Dip in the Past 30-Days
- Figure 41. Percentage of Youth Grades 9-12 in North Dakota Reporting One or More Cavities North Dakota Medicaid-Enrolled Youth (ages 0-21)
- Figure 42. Percentage of North Dakota Medicaid-enrolled Children (ages 0-21) with Any Dental Visit, Preventive Visit, or Treatment-based Visit in the past 12-months
- Figure 43. Percentage of Medicaid-enrolled Children (ages 0-21) with Any Dental Visit in the past 12-months
- Figure 44. Percentage of Medicaid-enrolled Children (ages 0-21) with a Preventive Visit in the past 12-months
- Figure 45. Percentage of Medicaid-enrolled Children (ages 0-21) with a Treatment-based Visit in the past 12-months
- Figure 46. Percentage of Medicaid-enrolled Children (ages 0-21) Receiving a Dental Sealant on a Permanent Molar Tooth
- Figure 47. Percentage of Medicaid-eligible Children (ages 0-21) Receiving Oral Health Services Provided by a Non-Dentist Provider
- Figure 48. Total Number of North Dakotans (ages 0-21) Eligible for Early and Periodic Screening, Diagnostic and Treatment (EPSDT) for 90 Continuous Days



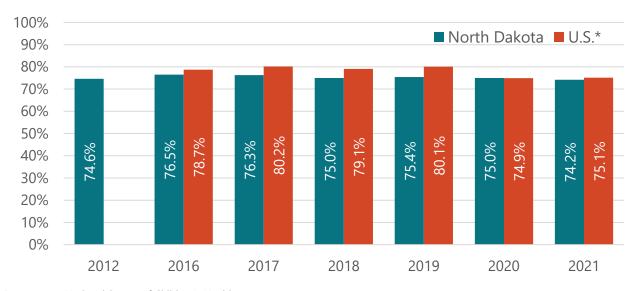
## All North Dakota Children and Adolescents ages 0-17

Figure 1. Percentage of Children and Adolescents (ages 1-17) with Any Dental Visit in the Past 12-Months



Data source: National Survey of Children's Health
\*No U.S. data available for 2012

Figure 2. Percentage of Children and Adolescents (ages 1-17) with a Preventive Dental Visit in the Past 12-Months



Data source: National Survey of Children's Health
\*No U.S. data available for 2012

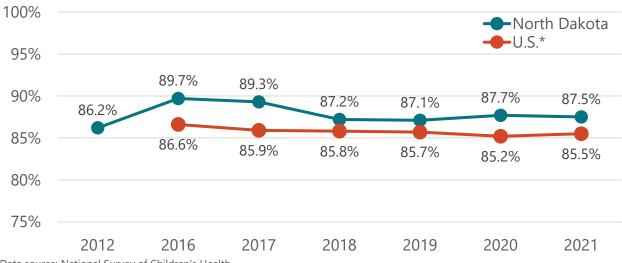


10% →North Dakota 9% **─**U.S. 8% 7% 6.1% 6.1% 5.9% 5.8% 5.6% 5.5% 6% 5.2% 4.8% 4.6% 5% 5.5% 5.0% 4% 4.5% 4.0% 3% 2% 1% 0% 2012 2016 2017 2018 2019 2020 2021

Figure 3. Percentage of Children and Adolescents (ages 1-17) Reporting Fair/Poor Oral Health

Data source: National Survey of Children's Health
\*No U.S. data available for 2012

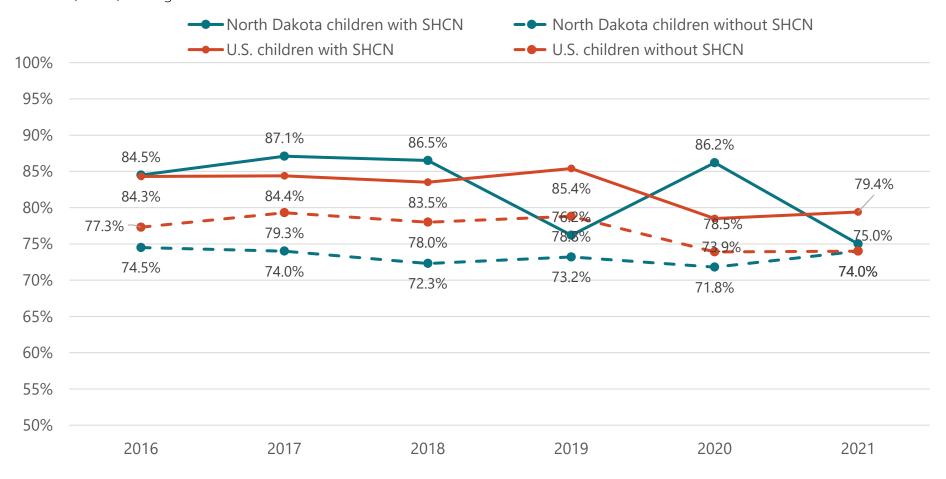
Figure 4. Percentage of Children and Adolescents (ages 1-17) Reporting No Oral Health Problems



Data source: National Survey of Children's Health \*No U.S. data available for 2012



Figure 5. Percentage of Children and Adolescents (ages 1-17) in North Dakota with and without Special Health Care Needs (SHCN) Having at least One Preventive Dental Visit in the Past 12-months

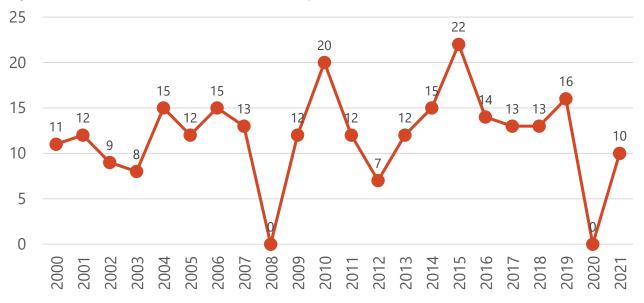


Data source: National Survey of Children with Special Health Care Needs



## Infant Oral Health in North Dakota

Figure 6. Number of Babies Born with Cleft Lip/Cleft Palate



Data source: Vital Records

Figure 7. Rate of Babies Born with Cleft Lip/Cleft Palate per 1,000 Live Births

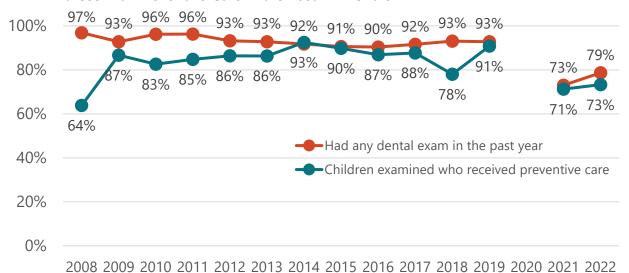


Data source: Vital Records



#### North Dakota Students in Head Start

Figure 8. Percentage of Head Start Children in North Dakota who had a Dental Exam and those with Preventive Care in the Past 12-Months

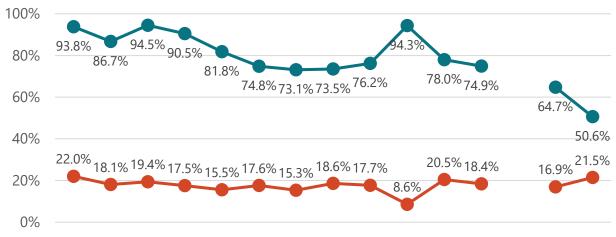


Data source: North Dakota Head Start Program Information Report

\*No data available for 2020

Figure 9. Percentage of Head Start Children in North Dakota Needing and Receiving Dental Treatment in the past 12-Months

Children examined who need dental treatmentChildren identified as needing treatment who received treatment



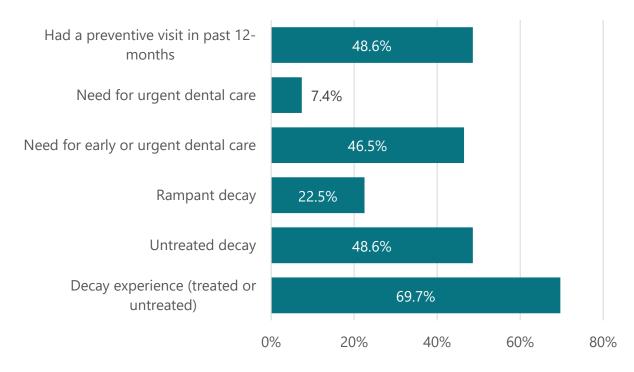
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 Data source: North Dakota Head Start Program Information Report

\*No data available for 2020



## Kindergarten Students in North Dakota

Figure 10. Percentage of Kindergartners in North Dakota with Specific Oral Health Concerns and Dental Visits, 2019



Data source: Basic Screening Survey (BSS), DHHS



100% ■ All American Indian/Alaska Native 90% Black Hispanic 80% ■ White, Non-Hispanic 70% 60% 50% 40% %2.69 66.4% 62.1% 30% 48.6% 46.5% 45.9% 42.9% 43.8% 20% 22.5% 21.8% 6.8% 10% 0% **Decay Experience Untreated Decay** Rampant Decay Need for Early or Need for Urgent **Urgent Dental Care Dental Care** 

Figure 11. Percentage of Kindergartners in North Dakota with Oral Health Concerns and Dental Visit Need by Race, 2019



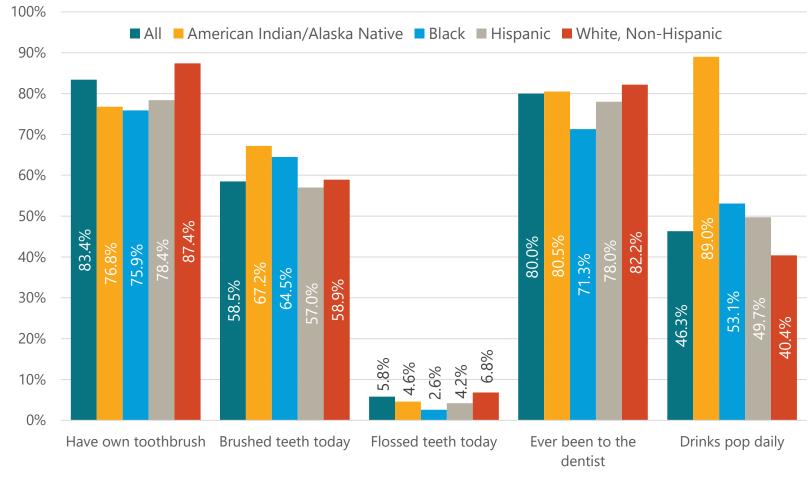


Figure 12. Percentage of Kindergartners in North Dakota by Oral Health Indicator and Race, 2019



100% ■ Rural ■ Semi-Rural ■ Urban ■ All 90% 80% 70% 60% 50% 80.6% 40% 64.4% %0/ 26.7% 54.7% 30% 46.1% 49% 44.3% 44.5% 47% 31.5% 20% 7.2% 10% 0% **Decay Experience** Need for Early or Need for Urgent **Untreated Decay** Rampant Decay **Urgent Dental Care Dental Care** 

Figure 13. Percentage of Kindergartners in North Dakota with Oral Health Concerns and Dental Visit Need by Geography, 2019



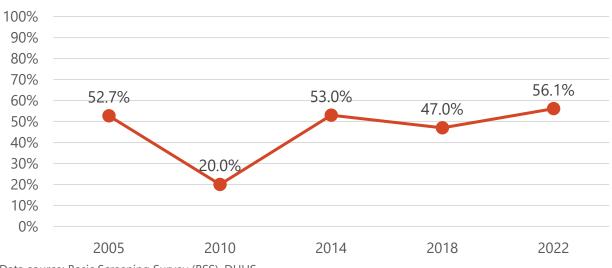
100% ■ Rural ■ Semi-Rural ■ Urban ■ All 90% 80% 70% 60% 50% 80.6% 40% %02 64.4% 26.7% 54.7% 30% 46.1% 49% 44.3% 44.5% 47% 10.7% 31.5% 20% 23% 7.2% 10% 0% **Decay Experience** Need for Urgent **Untreated Decay** Rampant Decay Need for Early or **Urgent Dental Care Dental Care** 

Figure 14. Percentage of Kindergartners in North Dakota by Oral Health Indicator and Geography, 2019



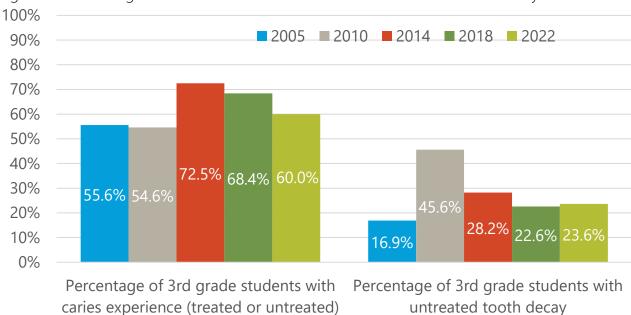
### Third Grade Students in North Dakota

Figure 15. Percentage of Third Grade Students in North Dakota with a Dental Sealant on at Least One Molar



Data source: Basic Screening Survey (BSS), DHHS

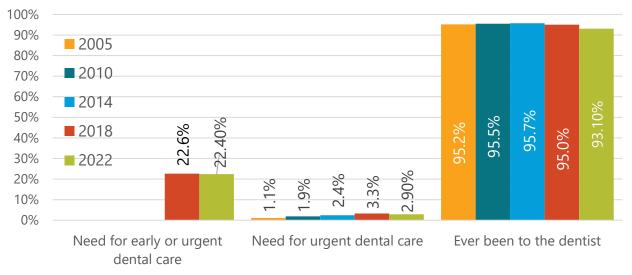
Figure 16. Percentage of Third Grade Students in North Dakota with Tooth Decay



Data source: Basic Screening Survey (BSS), DHHS

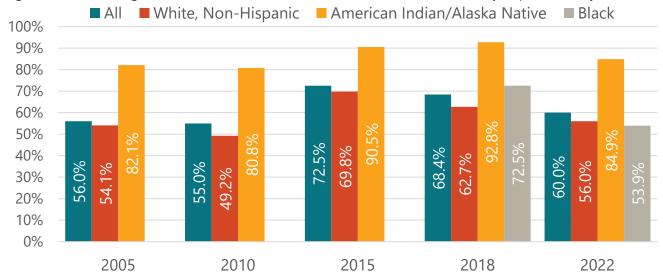


Figure 17. Percentage of Third Grade Students in North Dakota in Need of Treatment and with Preventive Visits



Data note: No data were collected in 2005, 2010, nor 2014 for the measure "early or urgent dental care"

Figure 18. Percentage of Third Grade Students in North Dakota with Decay Experience by Race



Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade, DHHS

Data note: In school years 2004-2005, 2009-2010, and 2014-2015, the sample for students who were Hispanic and Black/African American were too small to report.



■ All ■ White, Non-Hispanic ■ American Indian/Alaska Native ■ Black 50% 40% 30% 20% 28.2% 23.8% 23.6% 22.6% 20.7% 8.9% %9.9 7.8% 16.9% 10% 0% 2005 2010 2015 2018 2022

Figure 19. Percentage of Third Grade Students in North Dakota with Untreated Decay by Race

Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

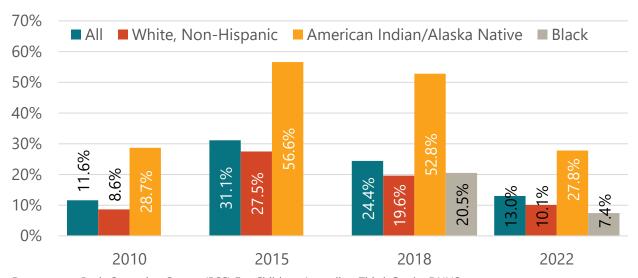


Figure 20. Percentage of Third Grade Students in North Dakota with Rampant Decay by Race

Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade, DHHS

Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report. The 2004-2005 report did not look at rampant decay.



■ All ■ White, Non-Hispanic ■ American Indian/Alaska Native ■ Black 80% 70% 60% 50% 40% 60.4% 59.4% 56.1% 55.8% 53.0% 52.0% 50.2% 30% 20% 10% 0% 2005 2010 2015 2018 2022

Figure 21. Percentage of Third Grade Students in North Dakota with Dental Sealant(s) by Race

Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

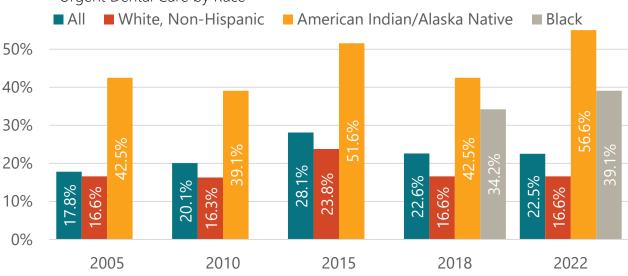


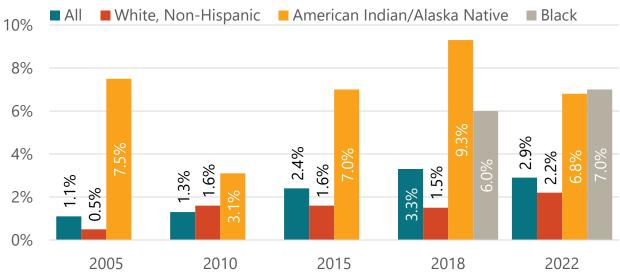
Figure 22. Percentage of Third Grade Students in North Dakota with Need for Early and/or Urgent Dental Care by Race

Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade, DHHS

Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

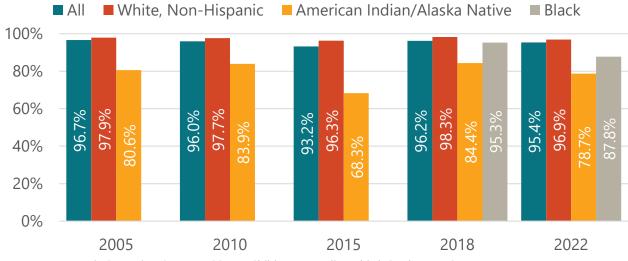


Figure 23. Percentage of Third Grade Students in North Dakota with Need for Urgent Dental Care by Race



Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

Figure 24. Percentage of Third Grade Students in North Dakota who Have Their Own Toothbrush by Race

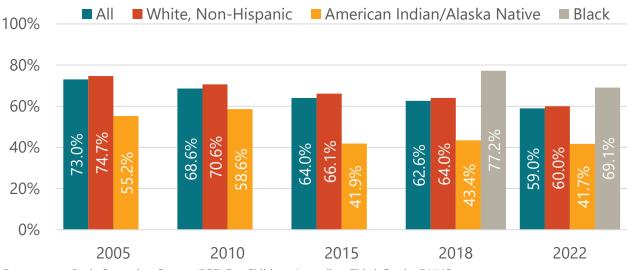


Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade, DHHS

Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

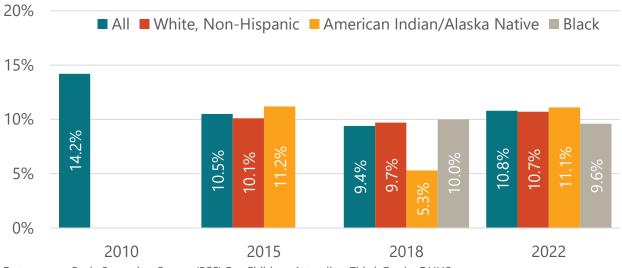


Figure 25. Percentage of Third Grade Students in North Dakota who Brushed Their Teeth Today by Race



Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

Figure 26. Percentage of Third Grade Students in North Dakota who Flossed Their Teeth Today by Race

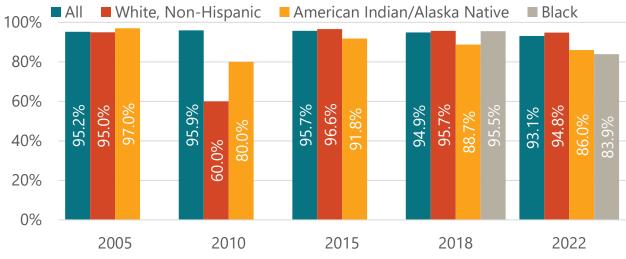


Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade, DHHS

Data note: A breakdown by race was only available for data collected during 2014-2015 and 2017-2018 school year and in 2014-2015 data for Black/African American was not available.

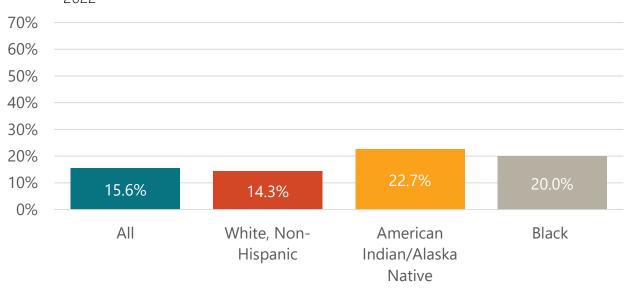


Figure 27. Percentage of Third Grade Students in North Dakota who have Ever Been to the Dentist by Race



Data note: In schoolyears 2004-2005, 2009-2010 and 2014-2015, the sample for students who were Hispanic or Black/African American were too small to report.

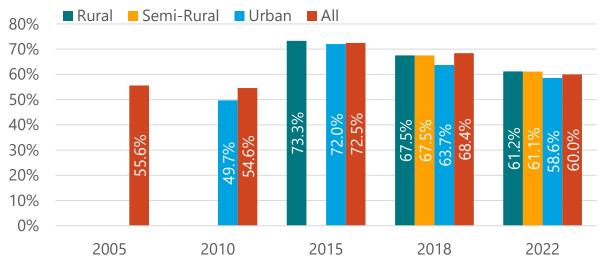
Figure 28. Percentage of Third Grade Students in North Dakota who Drink Pop Daily by Race, 2022



Data source: Basic Screening Survey (BSS) For Children Attending Third-Grade, DHHS

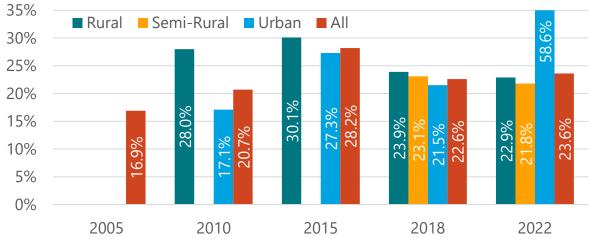


Figure 29. Percentage of Third Grade Students in North Dakota with Decay Experience by Geography



Data note: There were no rural/urban comparison in the 2004-2005 data. There was no category for "semi-rural" in the 2009-2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

Figure 30. Percentage of Third Grade Students in North Dakota with Untreated Decay by Geography

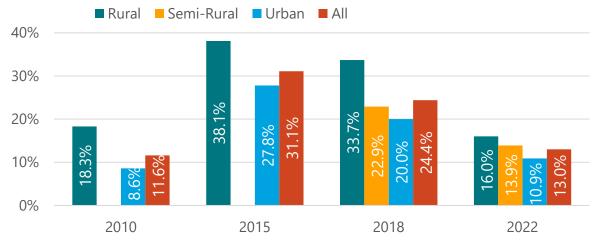


Data Source: Basice Screening Survey (BSS), DHHS

Data note: There were no rural/urban comparison in the 2004-2005 data. There was no category for "semi-rural" in the 2009-2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

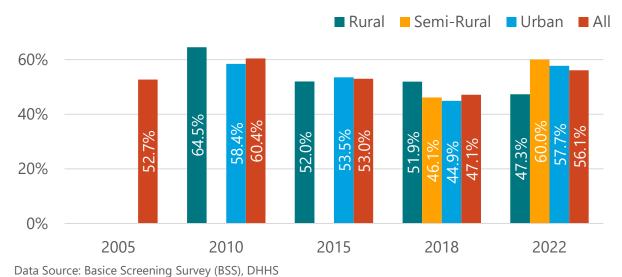


Figure 31. Percentage of Third Grade Students in North Dakota with Rampant Decay by Geography



Data note: There were no rural/urban comparison in the 2004-2005 data. There was no category for "semi-rural" in the 2009-2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

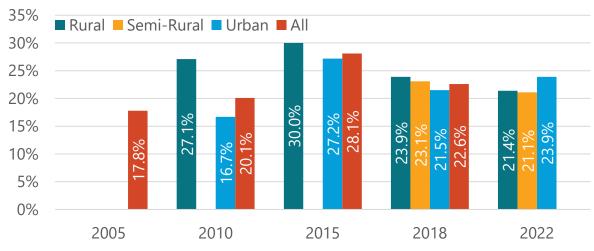
Figure 32. Percentage of Third Grade Students in North Dakota with Dental Sealant(s) by Geography



Data note: There were no rural/urban comparison in the 2004-2005 data. There was no category for "semi-rural" in the 2009-2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

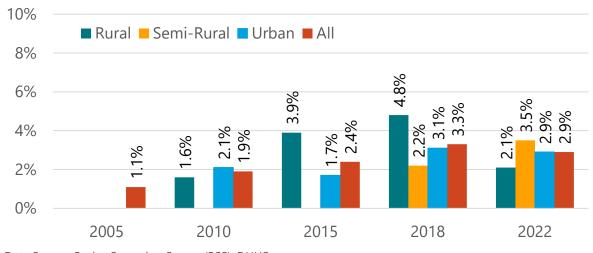


Figure 33. Percentage of Third Grade Students in North Dakota with Need for Early and/or Urgent Dental Care by Geography



Data note: There were no rural/urban comparison in the 2005 data. There was no category for "semi-rural" in the 2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

Figure 34. Percentage of Third Grade Students in North Dakota with Need for Urgent Dental Care by Geography

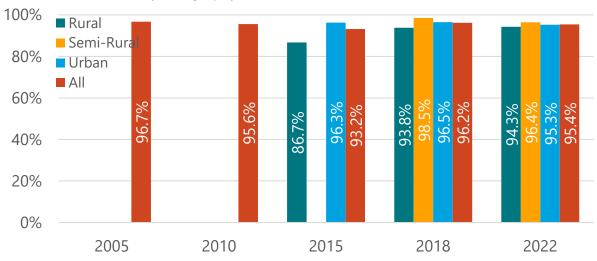


Data Source: Basice Screening Survey (BSS), DHHS

Data note: There were no rural/urban comparison in the 2004-2005 data. There was no category for "semi-rural" in the 2009-2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

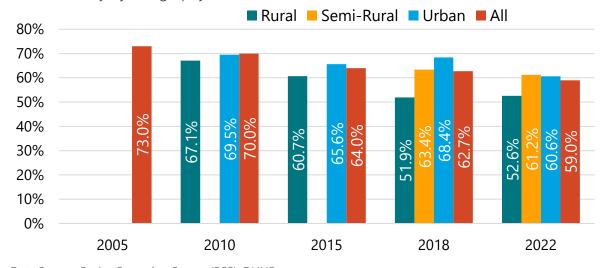


Figure 35. Percentage of Third Grade Students in North Dakota who Have Their Own Toothbrush by Geography



Data note: There were no rural/urban comparison in the 2005 data. There was no category for "semi-rural" in the 2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

Figure 36. Percentage of Third Grade Students in North Dakota who Brushed Their Teeth Today by Geography

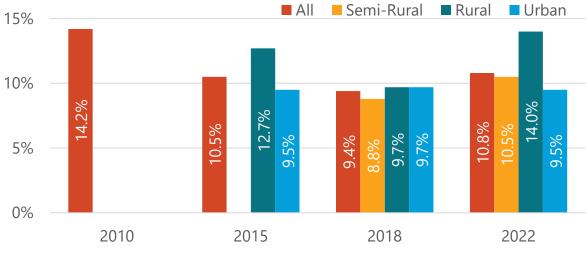


Data Source: Basice Screening Survey (BSS), DHHS

Data note: There were no rural/urban comparison in the 2005 data. There was no category for "semi-rural" in the 2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

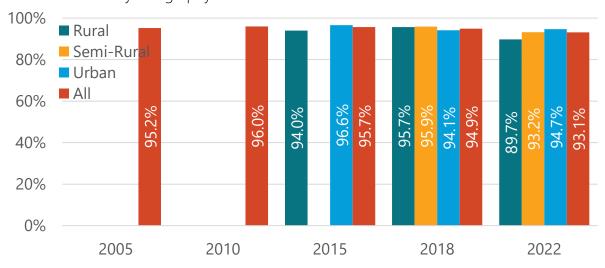


Figure 37. Percentage of Third Grade Students in North Dakota who Flossed Their Teeth Today by Geography



Data note: There were no rural/urban comparison in the 2005 data. There was no category for "semi-rural" in the 2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".

Figure 38. Percentage of Third Grade Students in North Dakota who have Ever Been to the Dentist by Geography



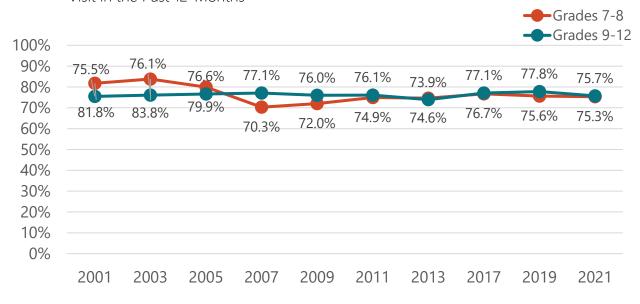
Data Source: Basice Screening Survey (BSS), DHHS

Data note: There were no rural/urban comparison in the 2005 data. There was no category for "semi-rural" in the 2010 data and "semi-rural" are included in the "rural" category. In 2014-2015, there were no data for "semi-rural".



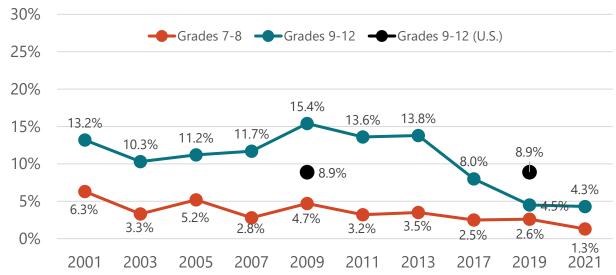
#### North Dakota Youth Grades 7-8 and 9-12

Figure 39. Percentage of Youth Grades 7-8 and 9-12 in North Dakota Reporting any Dental Visit in the Past 12-Months



Data source: Youth Risk Behavior Survey (YRBS)

Figure 40. Percentage of Youth Grades 7-8 and 9-12 in North Dakota Reporting use of Chewing Tobacco, Snuff or Dip in the Past 30-Days



Data source: Youth Risk Behavior Survey (YRBS)



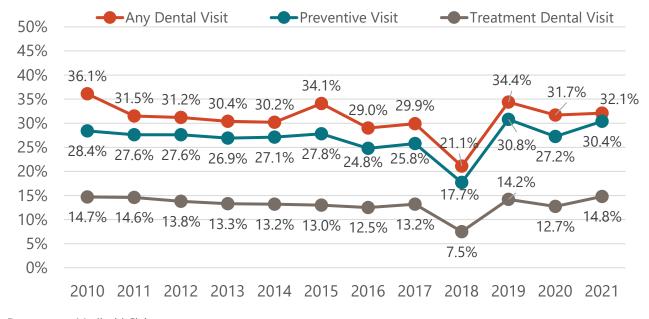
100% 90% 80% 70% 57.5% 56.7% 56.5% 56.3% 55.1% 54.5% 60% 50.4% 50% 40% 30% 20% 10% 0% 2001 2003 2005 2007 2009 2011 2013

Figure 41. Percentage of Youth Grades 9-12 in North Dakota Reporting One or More Cavities

Data source: Youth Risk Behavior Survey (YRBS)

# North Dakota Medicaid-Enrolled Youth (ages 0-21)

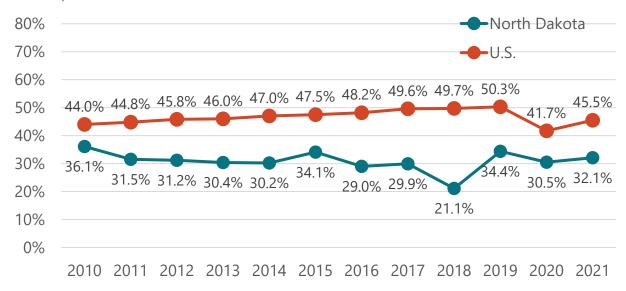
Figure 42. Percentage of North Dakota Medicaid-enrolled Children (ages 0-21) with Any Dental Visit, Preventive Visit, or Treatment-based Visit in the past 12-months



Data source: Medicaid Claims

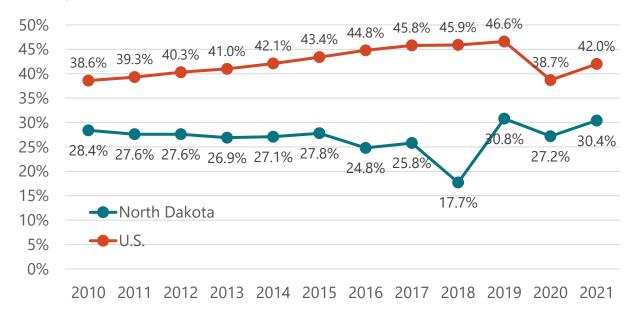


Figure 43. Percentage of Medicaid-enrolled Children (ages 0-21) with Any Dental Visit in the past 12-months



Data source: Medicaid Claims

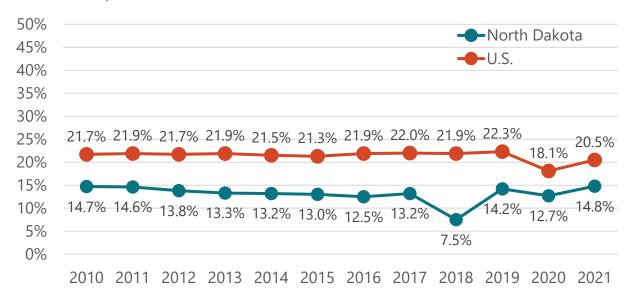
Figure 44. Percentage of Medicaid-enrolled Children (ages 0-21) with a Preventive Visit in the past 12-months



Data source: Medicaid Claims

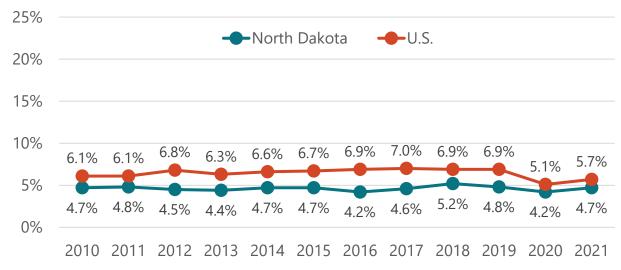


Figure 45. Percentage of Medicaid-enrolled Children (ages 0-21) with a Treatment-based Visit in the past 12-months



Data source: Medicaid Claims

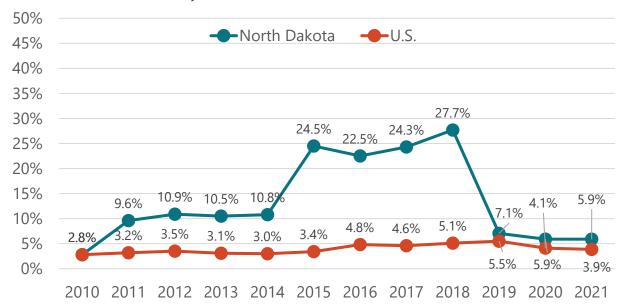
Figure 46. Percentage of Medicaid-enrolled Children (ages 0-21) Receiving a Dental Sealant on a Permanent Molar Tooth



Data source: Medicaid Claims



Figure 47. Percentage of Medicaid-eligible Children (ages 0-21) Receiving Oral Health Services Provided by a Non-Dentist Provider



Data source: Medicaid Claims

Figure 48. Total Number of North Dakotans (ages 0-21) Eligible for Early and Periodic Screening, Diagnostic and Treatment (EPSDT) for 90 Continuous Days

