Oral Health Status and Dental Visits by Race

Kindergarten Students in North Dakota

**Figure 1.** Percentage of Kindergartners in North Dakota with Oral Health Concerns and Dental Visit Need, 2019

**Figure 2.** Percentage of Kindergartners in North Dakota by Oral Health Indicator, 2019

Third Grade Students in North Dakota

**Figure 3.** Percentage of Third Grade Students in North Dakota with Decay Experience

**Figure 4.** Percentage of Third Grade Students in North Dakota with Untreated Decay

**Figure 5.** Percentage of Third Grade Students in North Dakota with Rampant Decay

**Figure 6.** Percentage of Third Grade Students in North Dakota with Dental Sealant(s)

**Figure 7.** Percentage of Third Grade Students in North Dakota with Need for Early and/or Urgent Dental Care

**Figure 8.** Percentage of Third Grade Students in North Dakota with Need for Urgent Dental Care

**Figure 9.** Percentage of Third Grade Students in North Dakota who Have Their Own Toothbrush

**Figure 10.** Percentage of Third Grade Students in North Dakota who Brushed Their Teeth Today

**Figure 11.** Percentage of Third Grade Students in North Dakota who Flossed Their Teeth Today

**Figure 12.** Percentage of Third Grade Students in North Dakota who have Ever Been to the Dentist

**Figure 13.** Percentage of Third Grade Students in North Dakota who Drinks Pop Daily

All Students (Grades K-12) in North Dakota Participating in SEAL!ND

**Figure 14.** Percentage of Students with Dental Visits and Decay Experience

**Figure 15.** Percentage of Students by Dental Treatment Need

Medical-Dental Integration in a Family Medical Center

**Figure 16.** Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists who had had a Dental Visit: Sept. 2019 - March 2020

**Figure 17.** Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists with Dental Conditions and Care Needs: Sept. 2019 - March 2020
Kindergarten Students in North Dakota

Figure 1. Percentage of Kindergartners in North Dakota with Oral Health Concerns and Dental Visit Need, 2019

Data source: Basic Screening Survey (BSS), Department of Health
Figure 2. Percentage of Kindergartners in North Dakota by Oral Health Indicator and Race, 2019

Data source: Basic Screening Survey (BSS), Department of Health
Third Grade Students in North Dakota

Figure 3. Percentage of Third Grade Students in North Dakota with Decay Experience

![Graph showing decay experience by ethnicity from 2005 to 2018.](image)

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

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

Figure 4. Percentage of Third Grade Students in North Dakota with Untreated Decay

![Graph showing untreated decay by ethnicity from 2005 to 2018.](image)

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

Data note: In school years 2004-2005 and 2009-2010, the sample for students who were Hispanic or Black/African American were too small to report.
Figure 5. Percentage of Third Grade Students in North Dakota with **Rampant Decay**

![Bar chart showing percentage of third grade students with rampant decay by race/ethnicity in 2010 and 2018.](chart)

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

Data note: In school years 2004-2005 and 2009-2010, 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.

Figure 6. Percentage of Third Grade Students in North Dakota with **Dental Sealant(s)**

![Bar chart showing percentage of third grade students with dental sealants by race/ethnicity in 2005, 2010, and 2018.](chart)

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

Data note: In school years 2004-2005 and 2009-2010, the sample for students who were Hispanic or Black/African American were too small to report.
Figure 7. Percentage of Third Grade Students in North Dakota with Need for Early and/or Urgent Dental Care

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

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

Figure 8. Percentage of Third Grade Students in North Dakota with Need for Urgent Dental Care

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

Data note: In school years 2004-2005 and 2009-2010, the sample for students who were Hispanic or Black/African American were too small to report.
Figure 9. Percentage of Third Grade Students in North Dakota who **Have Their Own Toothbrush**

<table>
<thead>
<tr>
<th>Year</th>
<th>All</th>
<th>White, Non-Hispanic</th>
<th>American Indian/Alaska Native</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>96.7%</td>
<td>97.9%</td>
<td>80.6%</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>96.0%</td>
<td>97.7%</td>
<td>83.9%</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>96.2%</td>
<td>98.3%</td>
<td>84.4%</td>
<td>95.3%</td>
</tr>
</tbody>
</table>

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

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

Figure 10. Percentage of Third Grade Students in North Dakota who **Brushed Their Teeth Today**

<table>
<thead>
<tr>
<th>Year</th>
<th>All</th>
<th>White, Non-Hispanic</th>
<th>American Indian/Alaska Native</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>73.0%</td>
<td>74.7%</td>
<td>55.2%</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>68.6%</td>
<td>70.6%</td>
<td>58.6%</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>62.6%</td>
<td>64.0%</td>
<td>43.4%</td>
<td>77.2%</td>
</tr>
</tbody>
</table>

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

Data note: In school years 2004-2005 and 2009-2010, the sample for students who were Hispanic or Black/African American were too small to report.
Figure 11. Percentage of Third Grade Students in North Dakota who **Flossed Their Teeth Today**

![Bar chart showing percentages of third-grade students who flossed their teeth in 2010 and 2018 for different racial groups.](chart)

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

**Data note:** A breakdown by race was only available for data collected during the 2017-2018 school year.

Figure 12. Percentage of Third Grade Students in North Dakota who have **Ever Been to the Dentist**

![Bar chart showing percentages of third-grade students who have visited the dentist in 2005, 2010, and 2018 for different racial groups.](chart)

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

**Data note:** In school years 2004-2005 and 2009-2010, the sample for students who were Hispanic or Black/African American were too small to report.
Figure 13. Percentage of Third Grade Students in North Dakota who **Drink Pop Daily**, 2018

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

Data note: Data broken down by race for this variable were only available for the 2017-2018 school year.
Figure 14. Percentage of Students Participating in SEAL!ND with Dental Visits and Decay Experience (N(total number)=2,387)*

*Note: Data represent the 2,387 students participating in SEAL!ND in one of 52 schools qualifying for participation in a school-based sealant program.

Figure 15. Percentage of Students by Dental Treatment Need

*Note: Data represent the 2,387 students participating in SEAL!ND in one of 52 schools qualifying for participation in a school-based sealant program.
Medical-Dental Integration in a Family Medical Center

Figure 16. Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists who had had a Dental Visit: Sept. 2019 - March 2020 (N=298)

Data source: Public Health Hygienist and the UND Center for Family Medicine, Bismarck
Figure 17. Percent of Patients Seen in one Family Medical Center by the Public Health Hygienists with Dental Conditions and Care Needs: Sept. 2019 - March 2020 (N=298)

Data source: Public Health Hygienist and the UND Center for Family Medicine, Bismarck