

Indicator 7: Percent of third graders with sealants

Table 4. Summary of dental health status of **Oklahoma** third grade students, weighted estimates and 95% confidence intervals

<i>Dental Health Status Indicator</i>	<i>Prevalence</i>	<i>95% CI</i>
Percentage of third graders in Oklahoma with sealants on at least one permanent molar tooth	21.5%	16.4% - 26.6%
Percentage of third graders in Oklahoma with dental caries experience	66.7%	60.9% - 72.5%
Percentage of third graders in Oklahoma with untreated decay (active caries) in at least one permanent or primary tooth	26.9%	21.8% - 32.0%
Percentage of third graders in Oklahoma with untreated decay in at least one permanent tooth (active caries)	6.3%	4.0% - 8.5%
Percentage of third graders in Oklahoma with untreated decay in at least one primary tooth (active caries)	24.7%	20.0% - 29.5%
Percentage of third graders in Oklahoma with at least one missing permanent tooth	1.4%	0.6% - 2.2%
Percentage of third graders in Oklahoma with at least one missing primary tooth	13.0%	10.1% - 15.9%
Percentage of third graders in Oklahoma with at least one filled (treated/restored) permanent tooth	10.2%	6.7% - 13.6%
Percentage of third graders in Oklahoma with at least one filled (treated/restored) primary tooth	48.5%	43.0% - 54.1%

Sealants on Permanent Molar Teeth

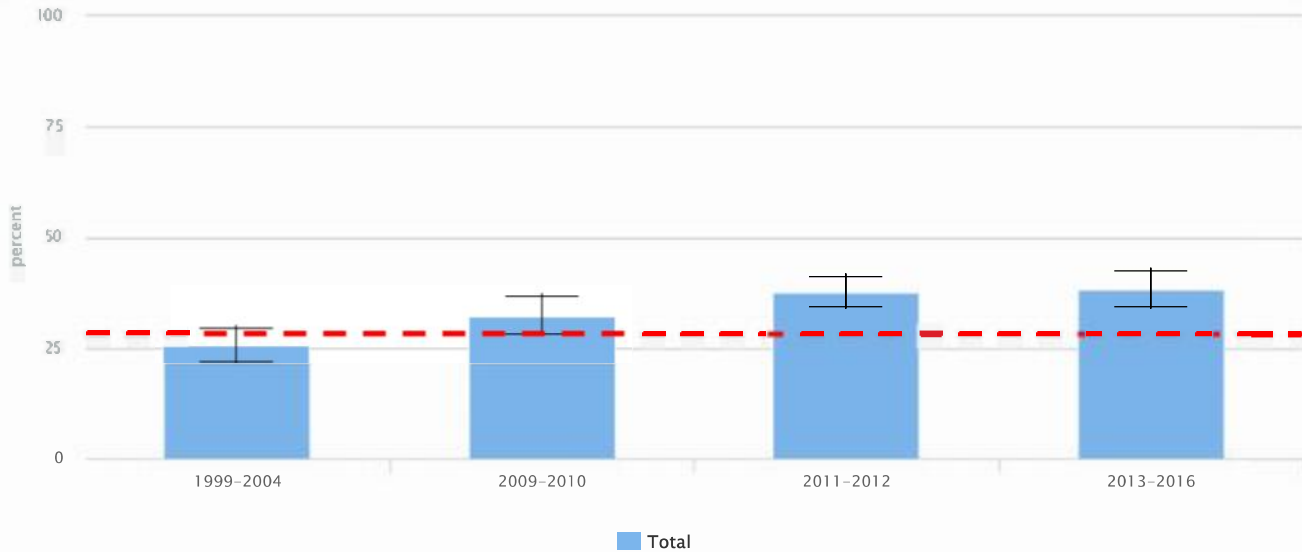
Sealants consist of a protective coating used to protect teeth from decay. In this study, the number of sealants can range from 0 to 4 because only sealants on permanent molar teeth were assessed. Although 21.5% (weighted) of third graders in Oklahoma have sealants on one or more permanent molars, results by region are highly variable (Figure 1 and 2). Only one of the six regions has a prevalence of sealants greater than 25%, the SW with 26.9%, followed closely by Tulsa county with 24.5%. Two regions have a prevalence of sealants less than 20%, Oklahoma County with 18.1% and the SE with 18.2%. Of all students sampled, 15.1% have four molars with protective sealants. The mean number of sealants on permanent molar teeth for the students assessed equals 0.7 with a standard deviation of 1.5. This is the tenth assessment completed in the past 20



Children receiving dental sealants on permanent first molar teeth (percent, 6–9 years)

By Total

2020 Baseline (year): 25.5 (1999-2004) --- 2020 Target: 28.1 Desired Direction: Increase desired



Data Source: National Health and Nutrition Examination Survey (NHANES), Centers for Disease Control and Prevention, National Center for Health Statistics (CDC/NCHS)
 Error Bar (I) represents the 95% confidence interval
 Additional footnotes may apply to these data. Please refer to footnotes below the data table for further information.

OH-12.2 Increase the proportion of children aged 6 to 9 years who have received dental sealants on one or more of their permanent first molar teeth

Children receiving dental sealants on permanent first molar teeth (percent, 6–9 years)

2020 Baseline (year): 25.5 (1999-2004) 2020 Target: 28.1 Desired Direction: Increase desired

Show Confidence Interval Show Standard Error

Display Years ▼

POPULATIONS 2009-2010 2011-2012 2013-2016

TOTAL 32.1 37.6 38.2

[Data Details](#) Learn more about the methodology and measurement of this HP2020 objective

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Footnotes [Show Footnotes](#)

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