

# North Carolina Oral Health Section

## Kindergarten Oral Health Status

### Regional Race/Ethnicity Summary

2017 - 2018

## North Carolina Calibrated Dental Screening Data

In 2015-16, the OHS transitioned to a regional model for delivering public health hygiene services. As a result, the OHS collaborated with the Association of State and Territorial Dental Directors and the North Carolina Division of Public Health, State Center for Health Statistics to select a random sample of elementary schools that would be used to reflect both regional and statewide kindergarten assessment data.

These charts contain the following pieces of dental health information.

- #Screened is the number of students screened.
- %UD is the percentage of children with untreated decay.
- %TD is the percentage of children with treated decay. It is determined by the presence of any type of filling or a tooth that is missing because it was extracted as a result of tooth decay.
- %ND is the percentage of children that have never had a cavity or a filling.
- %PSLS is the percentage of children that have at least one sealant on a permanent molar tooth.
- %UN is the percentage of children with an urgent need for dental care because of signs or symptoms that include pain, infection or swelling.

Data for groups less than 10 are recorded as \*\*\*\*\* in these reports since the sample size is so small. However, the data for these groups are included in the total school, county, region and state level data. Also, rates on counts less than 20 may be statistically unreliable and should be interpreted with caution.

For reports containing ethnicity and gender data, the following definitions apply:

- Multiracial - Self-designated into two or more racial groups
- Unknown/Other (U/O) – Either declined to declare or self-selected

# Oral Health Status - Regional Race/Ethnicity Summary

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### Region 1

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	61	23.0	54.1	27.9	4.9	3.3
Asian	4	*****	*****	*****	*****	*****
Black or African American	15	26.7	53.3	26.7	20.0	6.7
Hispanic	79	5.1	50.6	44.3	13.9	1.3
Multiracial	32	18.8	46.9	40.6	12.5	3.1
Unknown/Other	6	*****	*****	*****	*****	*****
White	536	15.1	31.3	55.6	7.5	2.6
<b>Region Totals</b>	<b>733</b>	<b>15.0</b>	<b>37.0</b>	<b>50.3</b>	<b>8.5</b>	<b>2.7</b>

### Region 2

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Asian	10	50.0	50.0	20.0	0.0	10.0
Black or African American	47	25.5	31.9	48.9	2.1	10.6
Hispanic	135	18.5	48.9	38.5	0.7	5.2
Multiracial	41	24.4	34.1	53.7	2.4	4.9
Native Hawaiian/Pacific Islander	5	*****	*****	*****	*****	*****
White	509	18.5	29.3	57.4	2.0	5.7
<b>Region Totals</b>	<b>747</b>	<b>19.8</b>	<b>33.7</b>	<b>52.5</b>	<b>1.7</b>	<b>6.0</b>

### Region 3

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	2	*****	*****	*****	*****	*****
Asian	20	40.0	10.0	55.0	0.0	20.0
Black or African American	139	18.7	34.5	54.0	3.6	2.2

\* All data are explained in the introduction to this report on page 2.

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### Region 3

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Hispanic	141	22.7	46.8	42.6	3.5	5.0
Multiracial	47	23.4	31.9	53.2	4.3	4.3
White	435	16.3	26.0	63.4	2.8	3.0
<b>Region Totals</b>	<b>784</b>	<b>18.9</b>	<b>31.4</b>	<b>57.0</b>	<b>3.1</b>	<b>3.7</b>

### Region 4

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	1	*****	*****	*****	*****	*****
Asian	82	19.5	30.5	53.7	0.0	1.2
Black or African American	445	11.9	20.7	69.4	1.1	1.3
Hispanic	413	14.3	22.3	67.8	3.1	0.5
Multiracial	68	13.2	13.2	76.5	1.5	0.0
Native Hawaiian/Pacific Islander	3	*****	*****	*****	*****	*****
Unknown/Other	1	*****	*****	*****	*****	*****
White	785	7.8	13.2	80.3	2.2	1.1
<b>Region Totals</b>	<b>1,798</b>	<b>11.1</b>	<b>18.1</b>	<b>73.2</b>	<b>2.0</b>	<b>1.0</b>

### Region 5

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	2	*****	*****	*****	*****	*****
Asian	71	26.8	35.2	49.3	0.0	5.6
Black or African American	370	20.5	25.1	60.3	2.2	6.2
Hispanic	199	23.6	32.2	55.3	3.0	8.0
Multiracial	52	15.4	32.7	57.7	3.8	9.6

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### Region 5

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Native Hawaiian/Pacific Islander	1	*****	*****	*****	*****	*****
Unknown/Other	3	*****	*****	*****	*****	*****
White	396	12.4	18.7	71.7	2.3	2.8
<b>Region Totals</b>	1,094	18.3	25.0	62.7	2.3	5.5

### Region 6

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	7	*****	*****	*****	*****	*****
Asian	2	*****	*****	*****	*****	*****
Black or African American	96	26.0	29.2	56.3	5.2	9.4
Hispanic	94	17.0	37.2	53.2	10.6	3.2
Multiracial	25	20.0	20.0	60.0	8.0	4.0
Native Hawaiian/Pacific Islander	1	*****	*****	*****	*****	*****
White	201	13.9	16.4	73.1	5.0	4.0
<b>Region Totals</b>	426	17.8	24.2	63.8	6.6	4.9

### Region 7

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	3	*****	*****	*****	*****	*****
Asian	57	24.6	33.3	42.1	0.0	3.5
Black or African American	238	16.4	26.9	60.9	5.0	3.4
Hispanic	236	12.7	31.4	61.0	4.2	3.0
Multiracial	43	7.0	14.0	79.1	4.7	4.7

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### Region 7

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Native Hawaiian/Pacific Islander	1	*****	*****	*****	*****	*****
Unknown/Other	2	*****	*****	*****	*****	*****
White	495	8.1	12.5	80.8	1.6	2.8
<b>Region Totals</b>	1,075	11.9	20.9	69.9	3.0	3.1

### Region 8

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	38	21.1	44.7	42.1	0.0	5.3
Asian	5	*****	*****	*****	*****	*****
Black or African American	232	21.6	24.6	57.3	0.9	3.4
Hispanic	273	12.5	42.1	47.3	1.5	1.5
Multiracial	93	17.2	15.1	71.0	1.1	0.0
Native Hawaiian/Pacific Islander	1	*****	*****	*****	*****	*****
White	451	11.8	22.2	67.4	1.6	0.2
<b>Region Totals</b>	1,093	14.9	27.7	59.7	1.3	1.4

### Region 9

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Asian	5	*****	*****	*****	*****	*****
Black or African American	198	29.3	27.8	56.6	2.0	5.1
Hispanic	48	25.0	31.3	56.3	0.0	2.1
Multiracial	38	13.2	15.8	71.1	0.0	2.6
White	277	17.0	18.1	68.6	1.1	1.4

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### Region 9

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
<b>Region Totals</b>	566	21.9	22.4	63.4	1.2	2.8

### Region 10

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	3	*****	*****	*****	*****	*****
Asian	7	*****	*****	*****	*****	*****
Black or African American	488	19.1	32.2	55.1	3.9	0.6
Hispanic	129	22.5	34.1	50.4	1.6	0.0
Multiracial	55	23.6	16.4	67.3	0.0	1.8
Native Hawaiian/Pacific Islander	5	*****	*****	*****	*****	*****
White	297	9.4	22.9	70.7	1.3	0.0
<b>Region Totals</b>	984	16.8	28.5	60.2	2.5	0.4

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### Statewide

<b>Ethnicity</b>	<b># Screened</b>	<b>%UD</b>	<b>%TD</b>	<b>%ND</b>	<b>%PSLS</b>	<b>%UN</b>
American Indian/Alaskan Native	117	23.9	47.9	33.3	3.4	4.3
Asian	263	25.5	31.2	49.0	0.4	4.6
Black or African American	2,268	19.2	27.2	59.4	2.8	3.4
Hispanic	1,747	16.5	35.0	54.5	3.5	2.7
Multiracial	494	17.4	22.3	65.0	3.0	3.0
Native Hawaiian/Pacific Islander	17	17.6	23.5	70.6	0.0	5.9
Unknown/Other	12	16.7	41.7	50.0	0.0	8.3
White	4,382	12.6	21.0	69.2	2.7	2.4
<b>State Totals</b>	<b>9,300</b>	<b>15.7</b>	<b>25.9</b>	<b>62.8</b>	<b>3.4</b>	<b>2.8</b>

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