

# North Carolina Oral Health Section

## Kindergarten Oral Health Status

### Regional Ethnicity Summary

2016 - 2017

# 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

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### Region 1

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	64	14.1	46.9	43.8	10.9	1.6
Asian	5	*****	*****	*****	*****	*****
Black or African American	3	*****	*****	*****	*****	*****
Hispanic	102	13.7	52.9	40.2	12.7	2.9
Multiracial	28	21.4	25.0	57.1	7.1	14.3
Unknown/Other	20	15.0	40.0	45.0	15.0	10.0
White	578	14.9	31.3	57.1	9.7	3.3
<b>Region Totals</b>	<b>800</b>	<b>14.9</b>	<b>35.4</b>	<b>53.6</b>	<b>10.4</b>	<b>3.8</b>

### Region 2

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	1	*****	*****	*****	*****	*****
Asian	14	35.7	57.1	28.6	14.3	7.1
Black or African American	60	13.3	25.0	63.3	10.0	1.7
Hispanic	157	11.5	51.0	42.0	3.8	2.5
Multiracial	35	11.4	37.1	51.4	14.3	2.9
Pacific Islander	2	*****	*****	*****	*****	*****
Unknown/Other	2	*****	*****	*****	*****	*****
White	535	15.3	29.9	59.3	6.4	1.5
<b>Region Totals</b>	<b>806</b>	<b>14.5</b>	<b>34.4</b>	<b>55.5</b>	<b>6.6</b>	<b>1.9</b>

### Region 3

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Asian	20	20.0	25.0	65.0	0.0	0.0

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

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### Region 3

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Black or African American	136	14.7	27.9	63.2	2.9	1.5
Hispanic	181	21.0	42.0	46.4	1.7	4.4
Multiracial	39	23.1	33.3	53.8	0.0	0.0
White	478	12.1	20.1	70.5	1.9	1.3
<b>Region Totals</b>	<b>854</b>	<b>15.1</b>	<b>26.7</b>	<b>63.3</b>	<b>1.9</b>	<b>1.9</b>

### Region 4

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	3	*****	*****	*****	*****	*****
Asian	74	16.2	35.1	59.5	0.0	4.1
Black or African American	452	10.4	18.1	74.3	2.0	1.1
Hispanic	396	11.1	28.3	64.1	1.8	2.3
Multiracial	77	16.9	18.2	68.8	0.0	2.6
Pacific Islander	4	*****	*****	*****	*****	*****
Unknown/Other	13	15.4	7.7	84.6	0.0	0.0
White	762	6.6	10.5	84.1	0.8	0.5
<b>Region Totals</b>	<b>1,781</b>	<b>9.5</b>	<b>17.9</b>	<b>75.4</b>	<b>1.3</b>	<b>1.3</b>

### Region 5

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	3	*****	*****	*****	*****	*****
Asian	45	24.4	31.1	55.6	6.7	6.7
Black or African American	357	22.7	28.3	58.0	5.9	5.3
Hispanic	198	18.2	31.3	57.6	10.1	2.5

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

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### Region 5

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Multiracial	46	17.4	23.9	63.0	2.2	4.3
Pacific Islander	2	*****	*****	*****	*****	*****
Unknown/Other	36	13.9	16.7	72.2	0.0	2.8
White	412	13.1	19.7	70.6	6.1	2.4
<b>Region Totals</b>	<b>1,099</b>	<b>17.8</b>	<b>25.4</b>	<b>63.0</b>	<b>6.4</b>	<b>3.6</b>

### Region 6

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	15	26.7	26.7	46.7		0.0
Asian	3	*****	*****	*****		*****
Black or African American	280	15.0	25.4	62.5		3.6
Hispanic	150	20.0	28.7	60.7		4.0
Multiracial	54	9.3	25.9	72.2		1.9
Pacific Islander	1	*****	*****	*****		*****
White	242	13.6	14.5	74.8		1.7
<b>Region Totals</b>	<b>745</b>	<b>15.4</b>	<b>22.6</b>	<b>66.4</b>		<b>3.0</b>

\*Regions 6 and 10 did not assess %PSLS.

### Region 7

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	4	*****	*****	*****	*****	*****
Asian	7	*****	*****	*****	*****	*****
Black or African American	275	18.5	23.6	62.2	5.1	4.4
Hispanic	204	14.2	31.4	59.3	2.5	2.0
Multiracial	35	8.6	8.6	82.9	0.0	2.9
Pacific Islander	2	*****	*****	*****	*****	*****

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

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### Region 7

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Unknown/Other	4	*****	*****	*****	*****	*****
White	671	10.0	14.6	78.1	1.6	0.9
<b>Region Totals</b>	1,202	12.8	19.5	71.1	2.5	2.0

### Region 8

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	35	28.6	57.1	28.6	2.9	5.7
Asian	5	*****	*****	*****	*****	*****
Black or African American	229	16.2	19.2	66.4	1.3	2.6
Hispanic	232	12.9	35.8	53.0	0.4	2.2
Multiracial	77	9.1	11.7	80.5	0.0	2.6
Pacific Islander	5	*****	*****	*****	*****	*****
White	495	7.5	16.8	76.6	0.0	1.4
<b>Region Totals</b>	1,078	11.4	22.4	67.9	0.5	2.0

### Region 9

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
Asian	5	*****	*****	*****	*****	*****
Black or African American	196	27.6	14.8	63.3	7.7	1.5
Hispanic	57	15.8	14.0	73.7	0.0	0.0
Multiracial	27	7.4	22.2	70.4	0.0	0.0
Unknown/Other	3	*****	*****	*****	*****	*****
White	282	12.4	14.5	76.6	2.1	0.0

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### Region 9

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
<b>Region Totals</b>	570	17.9	14.7	71.4	3.7	0.5

### Region 10

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	3	*****	*****	*****		*****
Asian	8	*****	*****	*****		*****
Black or African American	442	23.5	33.9	51.4		1.1
Hispanic	115	24.3	37.4	47.8		0.9
Multiracial	51	23.5	17.6	64.7		0.0
Unknown/Other	3	*****	*****	*****		*****
White	338	13.3	28.7	61.5		0.9
<b>Region Totals</b>	960	19.8	31.7	55.3		0.9

\*Regions 6 and 10 did not assess %PSLS.

### Statewide

Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	128	20.3	46.9	40.6	8.6	2.3
Asian	186	19.9	31.7	58.1	3.8	4.3
Black or African American	2,430	18.3	24.6	62.4	4.7	2.6
Hispanic	1,792	15.4	34.9	55.3	5.2	2.5
Multiracial	469	14.7	21.1	68.0	4.9	2.8
Pacific Islander	16	6.3	37.5	62.5	0.0	0.0
Unknown/Other	81	16.0	23.5	63.0	3.7	4.9
White	4,793	11.4	19.9	71.4	4.0	1.4
<b>State Totals</b>	9,895	14.3	24.4	65.4	5.4	2.1

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