

North Carolina Oral Health Section

Kindergarten Oral Health Status

Regional Race/Ethnicity Summary

2022 - 2023

Oral Health Status 2022 - 2023

N.C. Department of Health and Human Services, Division of Public Health, Oral Health Section
Approved for Public Distribution on 07-17-2023

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:

- Unknown/Other (U/O) – Either declined to declare or self-selected
- Multiracial - Self-designated into two or more racial groups
- Non-White - Self-designated as Asian, American Indian/Alaskan Native, Black or African American, Hispanic, Multiracial, or Native Hawaiian/Pacific Islander
- White - Self-designated as White and by default, non-Hispanic White

Oral Health Status - Regional Race/Ethnicity Summary

Kindergarten

2022-2023

Region 1

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	40	15.0	47.5	40.0	2.5	2.5
Asian	5	*****	*****	*****	*****	*****
Black or African American	13	30.8	46.2	38.5	0.0	0.0
Hispanic	81	25.9	30.9	48.1	1.2	4.9
Multi Racial	53	17.0	18.9	66.0	0.0	1.9
Native Hawaiian/Pacific Island	0	0.0	0.0	0.0	0.0	0.0
Unknown/Other	0	0.0	0.0	0.0	0.0	0.0
White	464	19.2	24.4	59.3	1.7	2.6
Region Totals	656	19.7	26.7	56.9	1.7	2.7

Region 2

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	0	0.0	0.0	0.0	0.0	0.0
Asian	12	41.7	25.0	33.3	0.0	0.0
Black or African American	33	27.3	33.3	51.5	0.0	0.0
Hispanic	176	26.7	35.2	44.9	2.8	3.4
Multi Racial	43	34.9	20.9	48.8	2.3	4.7
Native Hawaiian/Pacific Island	8	*****	*****	*****	*****	*****
Unknown/Other	1	*****	*****	*****	*****	*****
White	412	23.3	20.9	59.5	1.0	2.2
Region Totals	685	25.5	25.0	54.3	1.5	2.9

For Comparison	# Screened	%UD	%TD	%ND	%PSLS	%UN
State Totals	8,296	19.9	22.1	61.7	1.4	3.6

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

Oral Health Status - Regional Race/Ethnicity Summary

Kindergarten

2022-2023

Region 3

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	0	0.0	0.0	0.0	0.0	0.0
Asian	13	15.4	30.8	53.8	7.7	0.0
Black or African American	130	10.0	33.8	60.0	10.0	1.5
Hispanic	146	22.6	39.0	45.9	2.1	3.4
Multi Racial	40	10.0	17.5	75.0	5.0	0.0
Native Hawaiian/Pacific Island	1	*****	*****	*****	*****	*****
Unknown/Other	0	0.0	0.0	0.0	0.0	0.0
White	276	16.7	30.4	56.2	4.3	2.5
Region Totals	606	16.3	32.3	55.6	5.1	2.3

Region 4

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	1	*****	*****	*****	*****	*****
Asian	46	21.7	32.6	50.0	0.0	2.2
Black or African American	361	18.0	23.0	64.0	0.6	1.9
Hispanic	380	23.7	24.2	55.0	1.6	4.2
Multi Racial	76	13.2	15.8	77.6	1.3	1.3
Native Hawaiian/Pacific Island	3	*****	*****	*****	*****	*****
Unknown/Other	9	*****	*****	*****	*****	*****
White	608	11.5	16.8	74.7	0.5	0.8
Region Totals	1,484	16.6	20.6	66.4	0.8	2.1

For Comparison	# Screened	%UD	%TD	%ND	%PSLS	%UN
State Totals	8,296	19.9	22.1	61.7	1.4	3.6

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

Oral Health Status - Regional Race/Ethnicity Summary

Kindergarten

2022-2023

Region 5

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	4	*****	*****	*****	*****	*****
Asian	46	32.6	30.4	47.8	0.0	4.3
Black or African American	304	19.7	22.4	63.5	0.0	5.9
Hispanic	166	20.5	25.9	56.6	0.0	7.2
Multi Racial	60	11.7	20.0	70.0	0.0	0.0
Native Hawaiian/Pacific Island	0	0.0	0.0	0.0	0.0	0.0
Unknown/Other	13	7.7	15.4	76.9	0.0	0.0
White	327	16.8	13.5	72.2	0.0	6.4
Region Totals	920	18.8	19.9	65.2	0.0	5.8

Region 6

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	19	5.3	52.6	47.4	0.0	0.0
Asian	9	*****	*****	*****	*****	*****
Black or African American	173	28.9	26.6	45.7	1.7	7.5
Hispanic	206	27.2	22.3	53.9	1.0	3.9
Multi Racial	43	27.9	18.6	55.8	0.0	7.0
Native Hawaiian/Pacific Island	1	*****	*****	*****	*****	*****
Unknown/Other	0	0.0	0.0	0.0	0.0	0.0
White	267	15.0	16.9	70.0	1.9	2.6
Region Totals	718	22.6	22.0	57.8	1.4	4.5

For Comparison	# Screened	%UD	%TD	%ND	%PSLS	%UN
State Totals	8,296	19.9	22.1	61.7	1.4	3.6

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

Oral Health Status - Regional Race/Ethnicity Summary

Kindergarten

2022-2023

Region 7

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	2	*****	*****	*****	*****	*****
Asian	107	17.8	6.5	76.6	0.0	0.0
Black or African American	169	26.6	14.8	60.9	0.6	7.1
Hispanic	219	23.7	22.4	55.3	1.4	4.6
Multi Racial	47	21.3	10.6	68.1	0.0	10.6
Native Hawaiian/Pacific Island	0	0.0	0.0	0.0	0.0	0.0
Unknown/Other	57	14.0	8.8	78.9	0.0	0.0
White	510	12.9	12.9	75.7	0.8	2.0
Region Totals	1,111	18.1	14.1	69.3	0.7	3.3

Region 8

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	40	40.0	32.5	30.0	2.5	20.0
Asian	7	*****	*****	*****	*****	*****
Black or African American	129	22.5	20.9	60.5	1.6	5.4
Hispanic	243	17.3	31.7	53.9	1.2	8.2
Multi Racial	55	7.3	27.3	65.5	0.0	0.0
Native Hawaiian/Pacific Island	3	*****	*****	*****	*****	*****
Unknown/Other	0	0.0	0.0	0.0	0.0	0.0
White	299	11.0	15.4	75.3	0.0	3.3
Region Totals	776	16.2	23.5	62.6	0.8	5.9

For Comparison	# Screened	%UD	%TD	%ND	%PSLS	%UN
State Totals	8,296	19.9	22.1	61.7	1.4	3.6

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

Oral Health Status - Regional Race/Ethnicity Summary

Kindergarten

2022-2023

Region 9

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	0	0.0	0.0	0.0	0.0	0.0
Asian	3	*****	*****	*****	*****	*****
Black or African American	193	29.0	17.6	60.1	3.6	3.6
Hispanic	59	30.5	18.6	55.9	0.0	3.4
Multi Racial	43	25.6	18.6	62.8	2.3	7.0
Native Hawaiian/Pacific Island	0	0.0	0.0	0.0	0.0	0.0
Unknown/Other	0	0.0	0.0	0.0	0.0	0.0
White	238	18.1	16.8	68.5	0.4	2.1
Region Totals	536	23.9	17.4	63.8	1.9	3.2

Region 10

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	0	0.0	0.0	0.0	0.0	0.0
Asian	3	*****	*****	*****	*****	*****
Black or African American	419	30.1	27.9	49.6	2.6	4.1
Hispanic	85	31.8	35.3	41.2	1.2	5.9
Multi Racial	58	15.5	17.2	69.0	3.4	1.7
Native Hawaiian/Pacific Island	0	0.0	0.0	0.0	0.0	0.0
Unknown/Other	4	*****	*****	*****	*****	*****
White	232	19.8	22.4	63.4	0.9	2.2
Region Totals	804	26.1	26.2	54.4	2.0	3.5

For Comparison	# Screened	%UD	%TD	%ND	%PSLS	%UN
State Totals	8,296	19.9	22.1	61.7	1.4	3.6

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

Oral Health Status - Regional Race/Ethnicity Summary

Kindergarten

2022-2023

Statewide

Race/Ethnicity	# Screened	%UD	%TD	%ND	%PSLS	%UN
American Indian/Alaskan Native	106	23.6	39.6	39.6	1.9	8.5
Asian	251	21.9	21.1	61.0	1.2	1.6
Black or African American	1,924	23.8	24.0	57.6	2.0	4.3
Hispanic	1,761	23.9	27.9	52.2	1.4	5.0
Multi Racial	518	17.6	18.5	66.8	1.4	3.1
Native Hawaiian/Pacific Island	16	43.8	12.5	43.8	0.0	31.3
Unknown/Other	84	11.9	9.5	79.8	0.0	0.0
White	3,633	16.1	18.7	68.1	1.1	2.5
State Totals	8,296	19.9	22.1	61.7	1.4	3.6

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