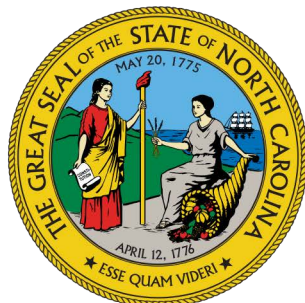


North Carolina Kindergarten Oral Health Status

2023 - 2024 Regional Race Group Summary



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**
Division of Public Health
Oral Health Section

North Carolina Calibrated Dental Screening Data

In 2015-16 OHS transitioned to a regional model for delivering public health hygiene services. As a result, OHS collaborates with the Association of State and Territorial Dental Directors and the Division of Public Health, State Center for Health Statistics to select a random sample of elementary schools to reflect both regional and statewide kindergarten assessment data. These charts contain the following pieces of dental health information:

- # Screened: The number of students screened.
- N: The number of students with condition.
- Wt. Pct.: The weighted percentage of students with condition.
- 95% LCL: The lower 95% confidence limit for the weighted percent.
- 95% UCL: The upper 95% confidence limit for the weighted percent.
- Decay experience: Children with treated or untreated decay.
- No Decay: Determined as children that have never had a cavity or a filling.
- Dental Sealants: Children who have at least one sealant on a permanent molar tooth.
- Treated Decay: 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.
- Untreated Decay: Children with untreated tooth decay.
- Urgent Dental Care: An urgent need for dental care because of signs or symptoms that include pain, infection or swelling.

Data for groups of four or smaller 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 race/ethnicity and gender data, the following definitions apply:

- Multiracial - Self-designated into two or more racial groups
- Unknown - either declined to declare or self-selected

Disclaimers:

- Methodology in this report includes weights, which differs from previous years' reports.
- Since the enactment of the NC Parents' Bill of Rights (S.L. 2023-106) in 2023, some schools require active consent, some require passive consent, and some do not participate in screenings. In the schools that use active consent, the number of oral screenings conducted is dependent on the consent response rates. As such, schools that require active consent and those that do not participate may result in an overall lower number of screenings conducted across North Carolina.

Oral Health Status - Regional Race Group Results
Kindergarten 2023-2024
Decay, No Decay, and Sealants

Summary by Race Group			Decay Experience				No Decay				Dental Sealants			
			N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL
Region	Race Group	# Screened												
Region 01	Non-White	121	63	51.8	39.9	63.7	58	48.2	36.3	60.1	****	****	****	****
	White	480	192	39.8	32.5	47.1	288	60.2	52.9	67.5	****	****	****	****
	~Total	601	255	42.3	35.3	49.2	346	57.7	50.8	64.7	6	1.0	0.0	2.4
Region 02	Non-White	284	138	50.3	46.4	54.1	146	49.7	45.9	53.6	****	****	****	****
	White	535	199	42.0	30.9	53.0	336	58.0	47.0	69.1	****	****	****	****
	~Total	819	337	44.9	37.1	52.6	482	55.1	47.4	62.9	6	0.9	0.0	1.9
Region 03	Non-White	531	247	49.5	40.6	58.3	284	50.5	41.7	59.4	29	5.1	2.6	7.5
	Unknown/ Other	7	6	90.9	76.4	100.0	****	****	****	****	****	****	****	****
	White	390	109	30.7	19.0	42.4	281	69.3	57.6	81.0	14	3.5	1.2	5.7
	~Total	928	362	41.9	31.5	52.3	566	58.1	47.7	68.5	43	4.3	2.2	6.4
Region 04	Non-White	243	102	44.3	34.5	54.2	141	55.7	45.8	65.5	****	****	****	****
	Unknown/ Other	15	7	44.3	21.3	67.4	8	55.7	32.6	78.7	****	****	****	****
	White	311	84	26.3	14.0	38.5	227	73.7	61.5	86.0	****	****	****	****
	~Total	569	193	33.8	22.8	44.9	376	66.2	55.1	77.2	****	****	****	****
Region 05	Non-White	565	216	38.8	32.3	45.3	349	61.2	54.7	67.7	10	1.5	0.6	2.5
	Unknown/ Other	5	****	****	****	****	****	****	****	****	****	****	****	****
	White	303	89	28.4	22.7	34.1	214	71.6	65.9	77.3	****	****	****	****
	~Total	873	307	35.3	29.1	41.4	566	64.7	58.6	70.9	12	1.2	0.5	1.9
Region 06	Non-White	340	191	56.2	50.1	62.4	149	43.8	37.6	49.9	****	****	****	****
	Unknown/ Other	12	9	82.7	59.2	100.0	****	****	****	****	****	****	****	****
	White	187	69	34.3	21.9	46.6	118	65.7	53.4	78.1	****	****	****	****
	~Total	539	269	48.7	41.9	55.5	270	51.3	44.5	58.1	****	****	****	****
Region 07	Non-White	673	281	44.3	38.4	50.2	392	55.7	49.8	61.6	****	****	****	****
	Unknown/ Other	13	9	73.5	45.8	100.0	****	****	****	****	****	****	****	****
	White	322	90	29.4	22.9	35.9	232	70.6	64.1	77.1	****	****	****	****
	~Total	1,008	380	41.3	35.0	47.5	628	58.7	52.5	65.0	****	****	****	****

(Continued)

Oral Health Status - Regional Race Group Results
Kindergarten 2023-2024
Decay, No Decay, and Sealants

Summary by Race Group			Decay Experience				No Decay				Dental Sealants			
			N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL
Region	Race Group	# Screened												
Region 08	Non-White	432	213	49.1	36.4	61.8	219	50.9	38.2	63.6	7	1.5	0.2	2.7
	Unknown/ Other	8	****	****	****	****	6	78.9	56.4	100.0	****	****	****	****
	White	330	90	24.1	12.6	35.5	240	75.9	64.5	87.4	****	****	****	****
	~Total	770	305	37.9	23.6	52.3	465	62.1	47.7	76.4	8	0.9	0.0	1.8
Region 09	Non-White	394	153	35.8	25.3	46.4	241	64.2	53.6	74.7	15	3.0	0.4	5.6
	Unknown/ Other	2	****	****	****	****	****	****	****	****	****	****	****	****
	White	453	132	33.5	26.7	40.3	321	66.5	59.7	73.3	7	1.2	0.0	2.9
	~Total	849	287	34.8	28.8	40.8	562	65.2	59.2	71.2	23	2.2	0.0	4.5
Region 10	Non-White	701	347	52.3	43.9	60.8	354	47.7	39.2	56.1	8	1.2	0.0	2.4
	White	346	107	36.1	25.5	46.8	239	63.9	53.2	74.5	****	****	****	****
	~Total	1,047	454	46.2	38.7	53.6	593	53.8	46.4	61.3	9	1.3	0.0	2.5
~Statewide	Non-White	4,284	1,951	46.0	43.2	48.9	2,333	54.0	51.1	56.8	77	1.5	1.1	2.0
	Unknown/ Other	62	37	55.8	41.9	69.7	25	44.2	30.3	58.1	****	****	****	****
	White	3,657	1,161	30.5	26.4	34.7	2,496	69.5	65.3	73.6	35	0.9	0.5	1.3
	~Total	8,003	3,149	39.1	35.8	42.4	4,854	60.9	57.6	64.2	113	1.2	0.9	1.6

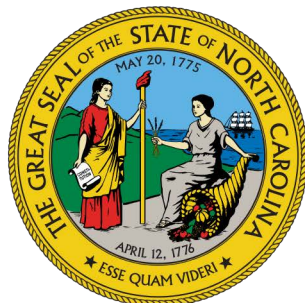
Oral Health Status - Statewide Race Group Results
Kindergarten 2023-2024
Treated Decay, Untreated Decay, Urgent Dental Care

Summary by Race Group			Treated Decay				Untreated Decay				Urgent Dental Care			
			N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL
Region	Race Group	# Screened												
Region 01	Non-White	121	31	25.1	16.5	33.7	36	30.2	20.9	39.5	****	****	****	****
	White	480	113	22.9	18.2	27.7	95	20.1	14.3	25.9	10	2.0	0.9	3.1
	~Total	601	144	23.4	19.3	27.5	131	22.2	16.7	27.7	12	1.9	0.9	2.9
Region 02	Non-White	284	90	32.0	26.9	37.1	62	23.8	19.2	28.3	9	2.8	1.0	4.6
	White	535	104	21.4	15.8	26.9	118	25.1	16.9	33.3	8	1.6	0.5	2.7
	~Total	819	194	25.1	20.2	30.0	180	24.6	18.5	30.8	17	2.0	1.0	3.0
Region 03	Non-White	531	176	35.0	28.0	42.0	96	19.8	13.3	26.2	20	3.6	1.4	5.9
	Unknown/ Other	7	****	****	****	****	5	81.7	56.4	100.0	****	****	****	****
	White	390	70	20.3	9.5	31.1	48	14.4	7.2	21.6	****	****	****	****
	~Total	928	249	29.0	19.8	38.2	149	18.4	12.3	24.5	25	2.8	1.3	4.4
Region 04	Non-White	243	62	25.8	16.9	34.7	44	20.1	12.0	28.2	****	****	****	****
	Unknown/ Other	15	****	****	****	****	5	32.6	23.5	41.8	****	****	****	****
	White	311	55	17.5	10.2	24.8	36	10.5	3.9	17.1	6	1.7	0.0	4.6
	~Total	569	120	20.8	12.8	28.7	85	14.8	9.0	20.7	12	2.0	0.0	4.5
Region 05	Non-White	565	136	24.8	18.4	31.3	94	16.1	11.5	20.7	14	2.5	0.6	4.4
	Unknown/ Other	5	****	****	****	****	****	****	****	****	****	****	****	****
	White	303	55	17.1	11.2	23.1	40	13.2	10.1	16.3	****	****	****	****
	~Total	873	192	22.2	16.1	28.3	135	15.2	12.2	18.1	18	2.0	0.7	3.3
Region 06	Non-White	340	124	34.0	28.8	39.2	80	26.0	18.0	33.9	18	6.9	3.5	10.3
	Unknown/ Other	12	****	****	****	****	7	70.9	31.6	100.0	****	****	****	****
	White	187	35	15.0	7.5	22.6	35	19.5	10.4	28.7	7	4.1	0.3	8.0
	~Total	539	161	26.8	21.2	32.3	122	24.4	18.4	30.3	29	6.5	3.2	9.9
Region 07	Non-White	673	159	23.6	20.2	27.0	147	24.3	18.3	30.3	33	5.9	1.6	10.2
	Unknown/ Other	13	****	****	****	****	7	53.8	1.7	100.0	****	****	****	****
	White	322	54	15.7	11.9	19.4	39	14.7	8.5	20.8	****	****	****	****
	~Total	1,008	215	21.4	18.6	24.3	193	22.6	16.7	28.6	38	5.0	1.3	8.7

(Continued)

**Oral Health Status - Statewide Race Group Results
Kindergarten 2023-2024
Treated Decay, Untreated Decay, Urgent Dental Care**

Summary by Race Group			Treated Decay				Untreated Decay				Urgent Dental Care			
			N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL	N	Wt. Pct	95% LCL	95% UCL
Region	Race Group	# Screened												
Region 08	Non-White	432	128	28.1	20.5	35.8	93	22.3	14.9	29.7	16	3.8	1.6	6.0
	Unknown/Other	8	****	****	****	****	****	****	****	****	****	****	****	****
	White	330	58	16.8	10.1	23.5	35	8.3	1.1	15.6	5	0.9	0.0	2.6
	~Total	770	188	23.1	15.7	30.5	128	16.0	7.5	24.5	21	2.5	0.7	4.3
Region 09	Non-White	394	67	17.3	10.8	23.8	103	23.8	14.4	33.1	12	3.8	0.1	7.6
	Unknown/Other	2	****	****	****	****	****	****	****	****	****	****	****	****
	White	453	72	17.1	13.4	20.8	74	19.6	14.7	24.5	5	1.4	0.0	3.3
	~Total	849	140	17.3	12.5	22.0	178	21.8	16.8	26.8	17	2.6	0.0	5.5
Region 10	Non-White	701	161	22.7	16.1	29.3	219	34.1	25.1	43.2	33	5.3	1.7	8.8
	White	346	62	21.6	14.1	29.0	55	17.8	11.1	24.5	7	1.8	0.0	3.7
	~Total	1,047	223	22.3	16.6	27.9	274	27.9	20.8	35.0	40	4.0	1.2	6.7
~Statewide	Non-White	4,284	1,134	26.6	24.4	28.9	974	22.5	20.2	24.8	161	3.8	2.9	4.7
	Unknown/Other	62	14	23.1	10.8	35.3	26	41.3	27.9	54.8	9	13.2	4.0	22.4
	White	3,657	678	18.3	15.7	20.8	575	14.6	12.1	17.1	59	1.6	0.7	2.5
	~Total	8,003	1,826	22.8	20.5	25.1	1,575	19.1	17.2	21.1	229	2.9	2.2	3.7



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