

# Covid-19 Alert Level Indicators and Thresholds

## 1. NC Covid Dashboard

<https://covid19.ncdhhs.gov/dashboard>

- Scroll down to see the interactive County Case Map (as of December 30, 2020, Wake County has 694 new cases per 100,000 residents and 344 deaths).
- Using the menu on the right, click on "Cases Demographics" and scroll down to the 3rd graph to see the number of cases broken down by age (15-17 is the newest age range broken out and is very helpful for LSA).

## 2. CDC Risk of Transmission Table

<https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html#thresholds>

- At 694 new cases per 100,000 residents, Wake County is well above the >200 threshold for the category of Highest Risk of Transmission in Schools.

**CDC indicators and thresholds for risk of introduction and transmission of COVID-19 in schools**

INDICATORS	Lowest risk of transmission in schools	Lower risk of transmission in schools	Moderate risk of transmission in schools	Higher risk of transmission in schools	Highest risk of transmission in schools
CORE INDICATORS					
Number of new cases per 100,000 persons within the last 14 days*	<5	5 to <20	20 to <50	50 to ≤ 200	>200

## 3. Harvard Global Health

<https://globalhealth.harvard.edu/path-to-zero-schools-achieving-pandemic-resilient-teaching-and-learning-spaces/>

- Scroll down to find the color-coded chart that explains why LSA, as a grades 9-12 school, is not a priority for re-opening when Wake County is at the Orange risk level (find orange Wake County in the US map above the chart).

Covid Risk Level	Case Incidence	
Red	>25	daily new cases per 100,000 people
Orange	10<25	daily new cases per 100,000 people
Yellow	1<10	daily new cases per 100,000 people
Green	<1	daily new case per 100,000 people

Risk Levels	Strategy for Pandemic Resilient Teaching and Learning
Red	Stay-at-home orders in place; all learning remote for all learners; districts, states, and federal government invests in remote learning.
Orange	<p><b>1<sup>st</sup> priority for re-opening:</b> Grades preK-5 and in-person special education services at grade levels preK-8 open if conditions for pandemic resilient teaching and learning spaces can be achieved at scale; districts, states, and federal government invest in healthy buildings and healthy classrooms; in the absence of conditions for pandemic resilient teaching and learning spaces, schools continue with remote learning.</p> <p><b>2<sup>nd</sup> priority for re-opening:</b> Grades 6-8 and in-person special education services at grade levels 9-12 open if conditions for pandemic resilient teaching and learning spaces can be achieved at scale; districts, states, and federal government invest in healthy buildings and healthy classrooms; in the absence of conditions for pandemic resilient teaching and learning spaces, schools continue with remote learning.</p> <p><b>Not a priority for re-opening:</b> Grades 9-12 maintain remote learning for all learners; districts, states, and federal government invest in remote learning.</p>
Yellow	<p><b>1<sup>st</sup> priority for re-opening:</b> Grades preK-5 and in-person special education services at grade levels preK-8 open if conditions for pandemic resilient teaching and learning spaces can be achieved at scale; districts, states, and federal government invest in healthy buildings and healthy classrooms; in the absence of conditions for pandemic resilient teaching and learning spaces, schools continue with remote learning.</p> <p><b>2<sup>nd</sup> priority for re-opening:</b> Grades 6-8 and in-person special education services at grade levels 9-12 open if conditions for pandemic resilient teaching and learning spaces can be achieved at scale; districts, states, and federal government invest in healthy buildings and healthy classrooms; in the absence of conditions for pandemic resilient teaching and learning spaces, schools continue with remote learning. In-person opportunities for special needs students at grade-levels preK-8 are also included.</p> <p><b>3<sup>rd</sup> priority for re-opening:</b> If sufficient pandemic resilient learning space is available AFTER allocation to K-8, grades 9-12 open on a hybrid schedule, with only a subset of students on campus at any particular point of time to facilitate de-densification; districts, states, and federal government invest in healthy buildings and healthy classrooms AND in remote learning.</p>
Green	All schools open if conditions for pandemic resilient teaching and learning spaces can be achieved at scale; districts, states, and federal government invest in healthy buildings and healthy classrooms

## 4. LSA Covid-19 Decision Metrics

### Covid 19 Value Score Metrics Formula

County Alert System + Harvard Global Health Metrics + CDC Positivity Rate (2) + LSA Stakeholder Data (2)

6

This formula combined with the stated key indicators of the COVID - 19 threat to the Lingleaf School of the Arts school community will be used to determine the alert level and learning plan as the decision is made to make immediate adjustments throughout the pandemic.

	Normal Level Plans A and B	Alert Plan B	High Alert Plan C
Description	Identified Cases are rare and transmission controlled	Moderate number of cases with most from a known source	Many Cases including community spread with some undetected cases
Value	3	2	1
Covid-19 County Alert System: Wake County	Significant	Substantial	Critical
Harvard Global Health Metrics - daily new cases Per 100,000 residents	<1	1 to <10	10+
CDC Positivity Rate: 14 Day - cases per 100,000 residents	<5 to <20	20 to <50	50 to 200+
LSA Stakeholder Data: Percentage of students and staff in quarantine, symptomatic, or positive.	<3%	3% to 5%	>5%

## LSA Covid-19 Scale for Metrics Formula

Instructional Plan	Value Score	Mitigating Factors
<b>Plan A</b> (In-Person Instruction)	<b>3</b>	State approval, 95% staff availability
<b>Plan B</b> (Blended Instruction)	<b>1.26 - 2.9</b>	State approval, 80% staff availability
<b>Plan C</b> (Remote Instruction)	<b>&lt;1.25</b>	N/A