

# COVID-19

## Commissioners' Update

### January 4, 2021



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**Controlling  
the Spread**

**Vaccine**

# Governor's executive order 181

**Stay at home order, statewide;  
10 pm to 5 am**

**All businesses must cease alcohol  
sales by 9 pm (where applicable)**

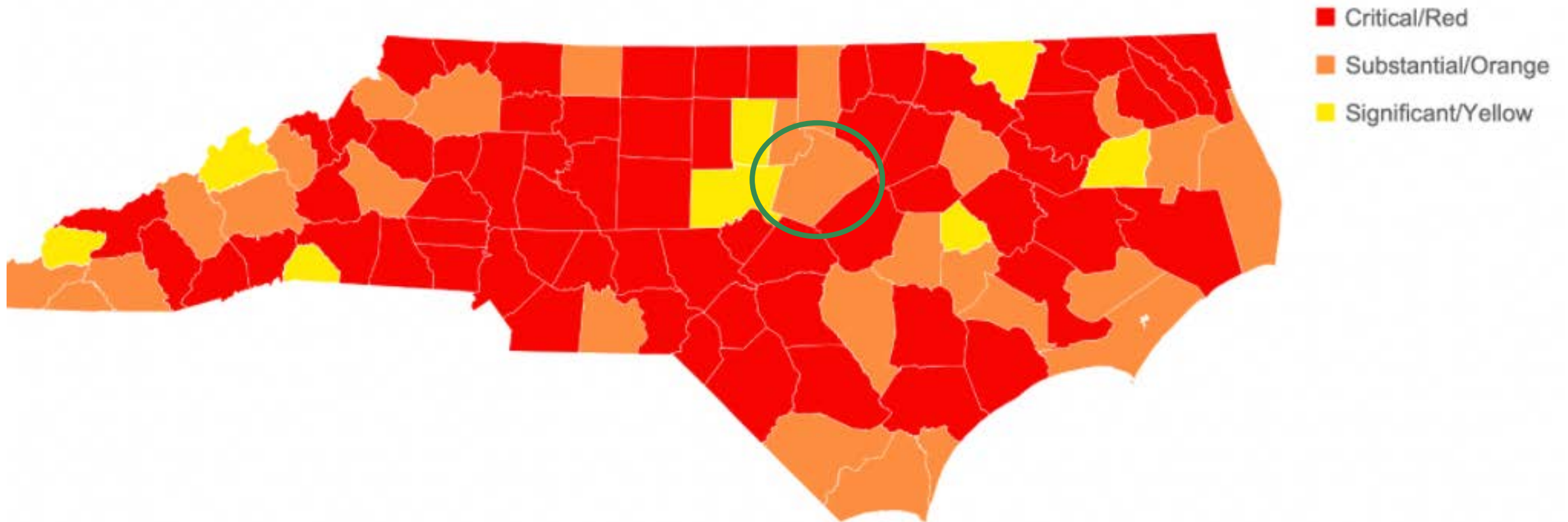
**Restrictions on mass gathering sizes  
– 10 indoor and 50 outdoor**

**Mask wearing and business capacity  
restrictions remain in effect**

**Local law enforcement expected to  
enforce**

# Current Community Status – COVID-19 Alert System

NC Counties by Tier: Data from December 5 through December 18, 2020



# COVID-19 County Alert System

*(updated every  
other week)*

Wake County's Status: **Orange (Substantial)**

**Case rate: 589** cases per 100,000 *(as of 12/30)*  
*(number of new cases in 14 days per 100,000 people)*

**Percent positive: 7.5%** *(as of 12/29)*  
*(percent of tests that are positive over 14 days)*

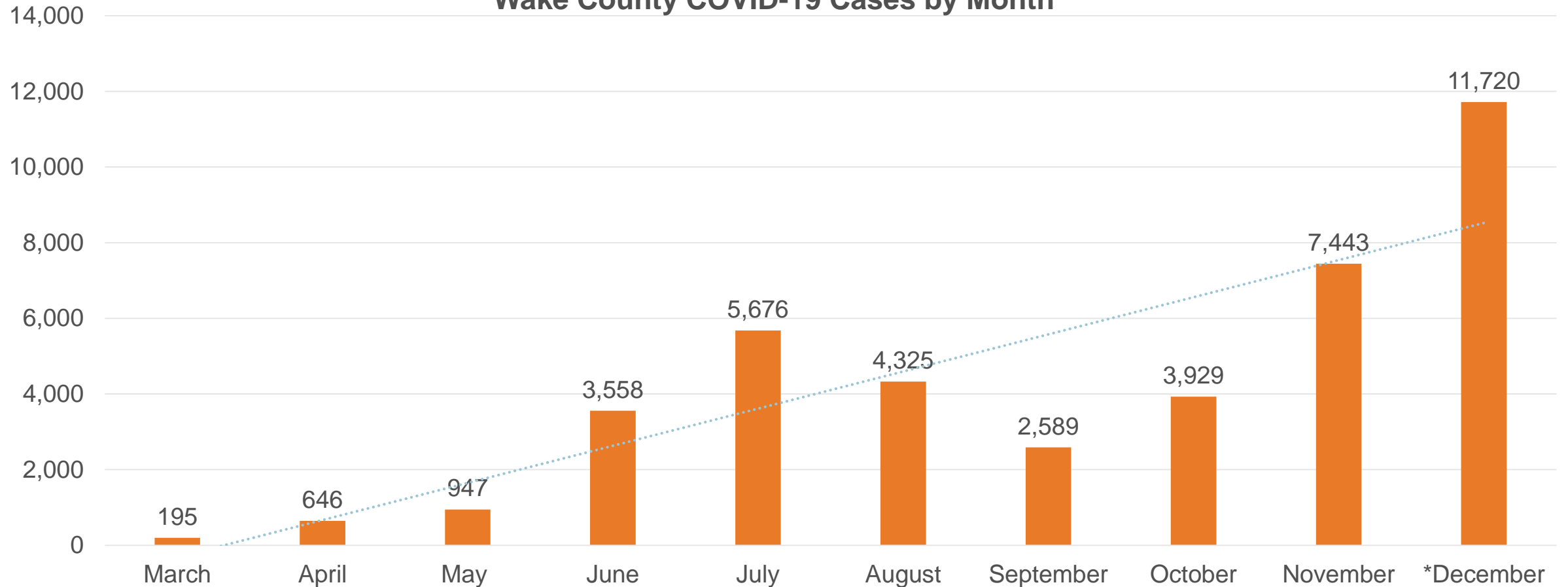
**Hospital impact: Moderate Impact**

*A composite score based on:*

- 1) percent of COVID-19 hospitalizations*
- 2) COVID-19 related visits to the ED*
- 3) staffed open hospital beds*
- 4) critical staffing shortages over 14 days)*

# December's cases on pace to double November cases and highest number to date

Wake County COVID-19 Cases by Month

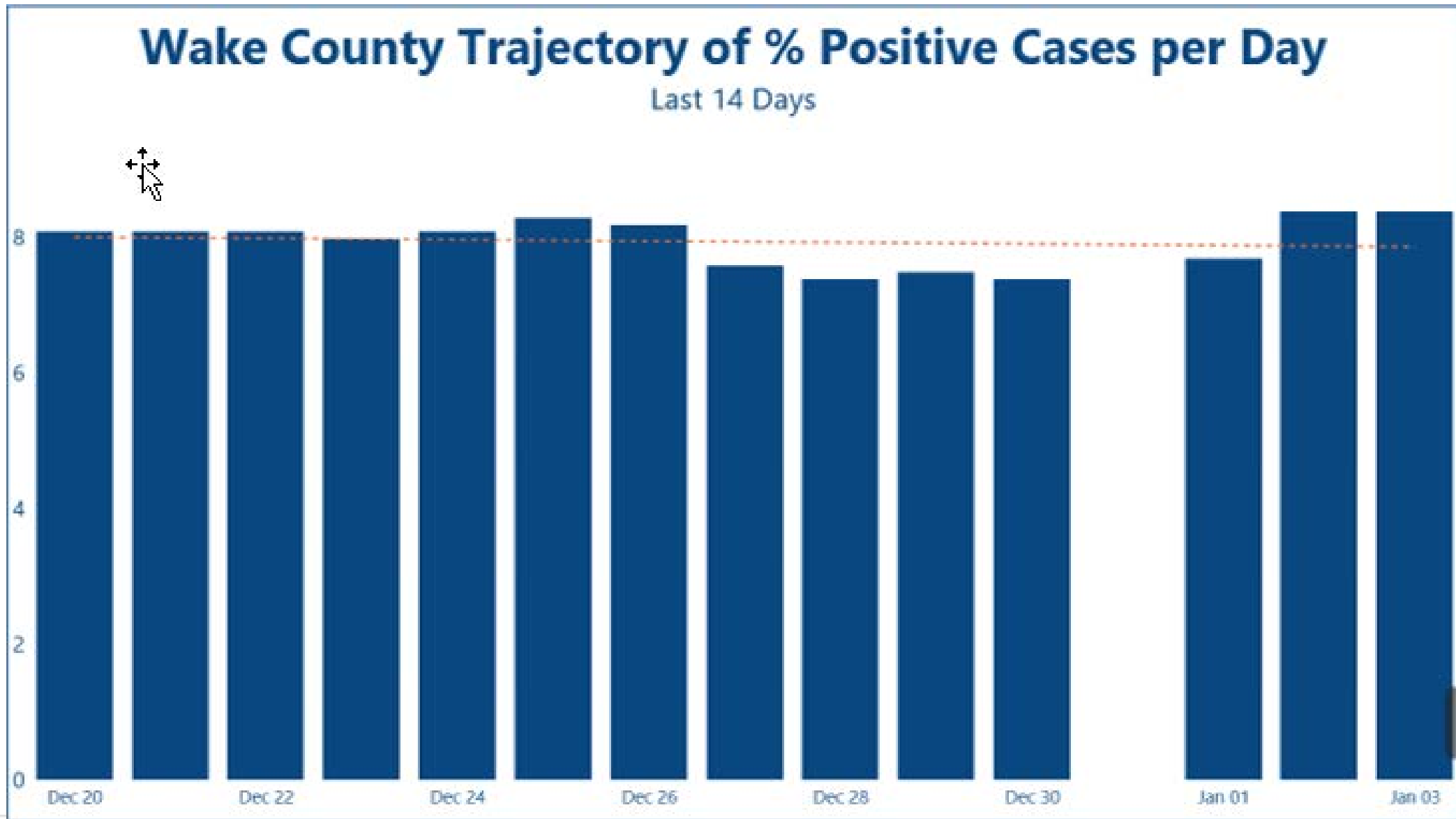


\* December includes 1<sup>st</sup> to 27<sup>th</sup>

# Key Metrics from Daily Reporting

Indicator	12/26-12/27	12/28	12/29	12/30	12/31	1/1-1/3
Case Rate (1)	548	583	589	589	694	640
Percent Positive (2)	7.4%	7.4%	7.4%	7.5%	7.7%	8.4%
Hospital Impact (3)	Mod	Mod	Mod	Mod	Mod	Mod
Daily Positives	550	705	507	621	1,108	1,666
Total Positives	41,118	41,823	42,330	42,951	44,059	44,954
Daily Deaths	0	0	8	0	4	0
Total Deaths	337	337	337*	344*	348	348

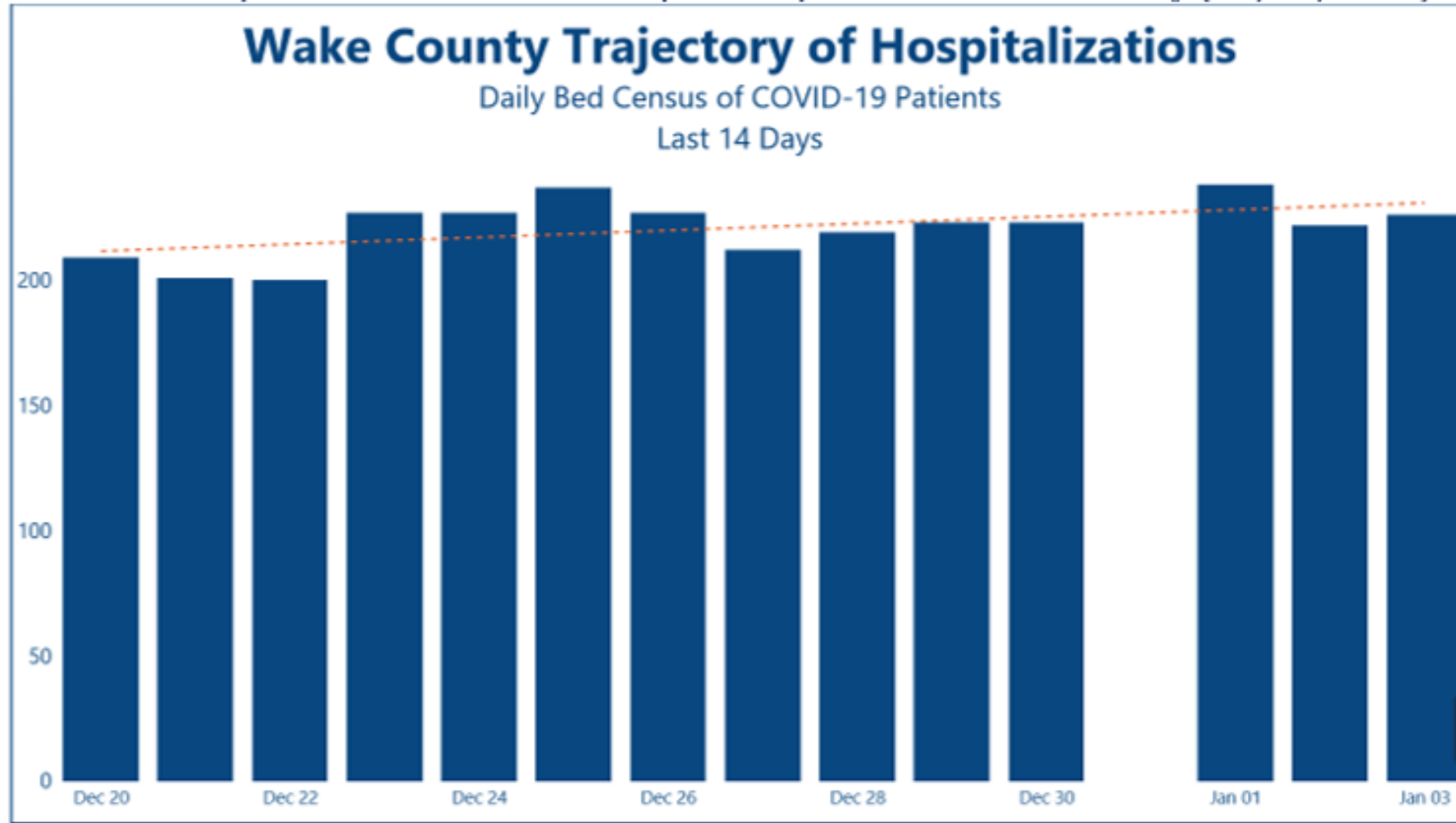
# Percent Positive Cases





# Hospitalizations

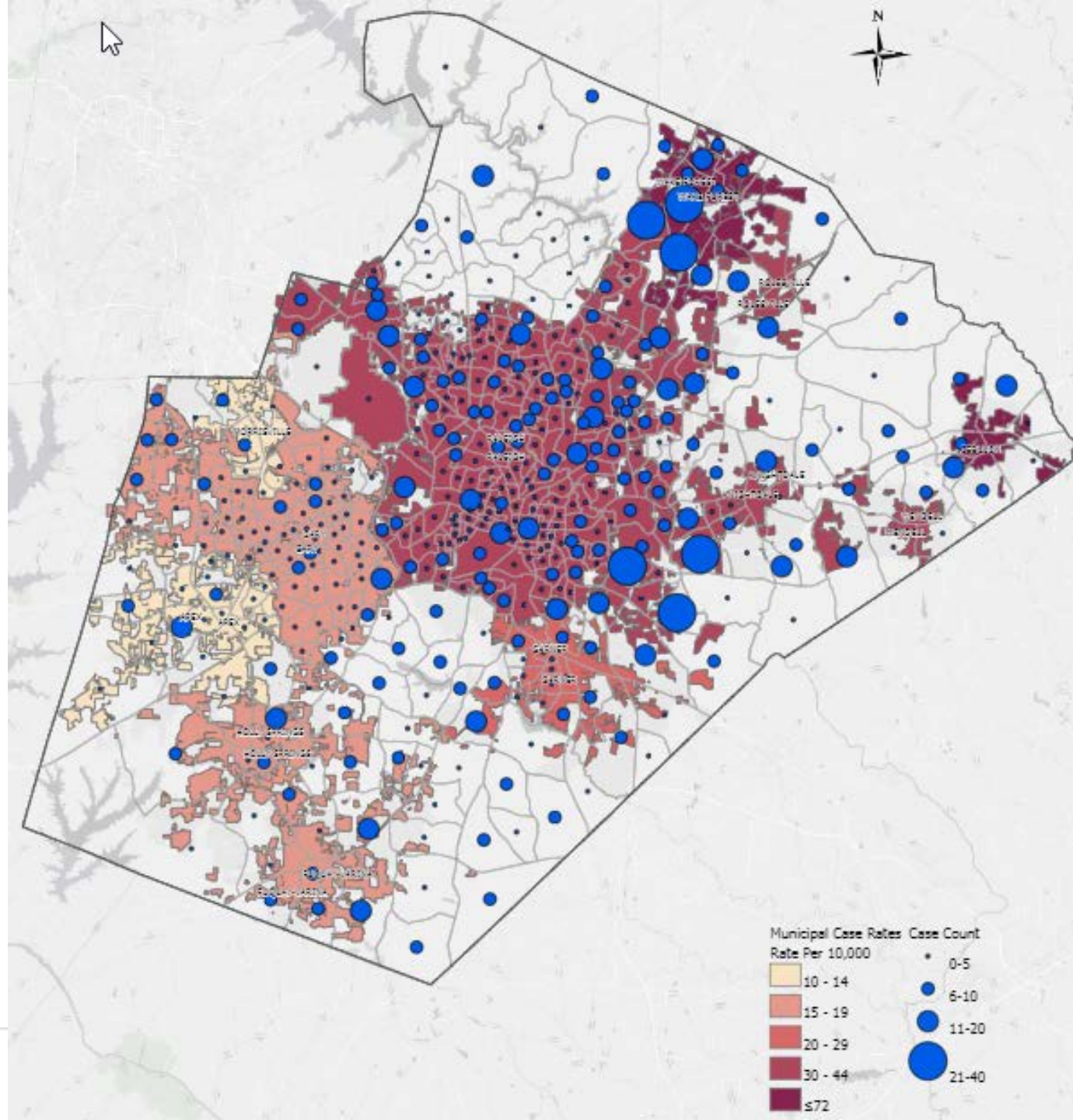
Number of hospitalizations of COVID-19-positive patients in Wake County (01/03/2021)



\*Currently hospitalized COVID-19 patients from the  
CapRAC (Capital Region Healthcare Preparedness Coalition)

# Two Week Case Rates by Municipality & Case Count

Dec 8 – Dec 22



# Zip Codes Data: More Than 100 Tests And Positivity Rate >5%

Dec 8 – Dec 22

Zip	City	Tests Completed	Positive Tests	Positive %
27592	Willow Spring	289	53	18.3%
27597	Zebulon	673	115	17.1%
27591	Wendell	605	92	15.2%
27610	Raleigh	2092	302	14.4%
27545	Knightdale	982	141	14.4%
27526	Fuquay-Varina	1051	141	13.4%
27529	Garner	1282	160	12.5%
27539	Apex	581	70	12.0%
27616	Raleigh	1835	210	11.4%
27603	Raleigh	1824	191	10.5%
27520	Clayton	129	13	10.1%
27513	Cary	1053	106	10.1%
27540	Holly Springs	1025	101	9.9%
27606	Raleigh	1500	142	9.5%
27511	Cary	723	68	9.4%
27587	Wake Forest	3051	286	9.4%
27703	Durham	162	15	9.3%
27617	Raleigh	617	57	9.2%
27604	Raleigh	1482	136	9.2%
27601	Raleigh	386	35	9.1%
27605	Raleigh	276	25	9.1%
27518	Cary	566	51	9.0%
27609	Raleigh	1458	125	8.6%
27502	Apex	1172	99	8.4%
27519	Cary	1254	104	8.3%
27607	Raleigh	880	70	8.0%
27613	Raleigh	1486	118	7.9%
27523	Apex	320	25	7.8%
27612	Raleigh	1509	115	7.6%
27615	Raleigh	1635	124	7.6%
27571	Rolesville	350	26	7.4%
27560	Morrisville	745	53	7.1%
27614	Raleigh	1424	98	6.9%
27608	Raleigh	557	35	6.3%

# Strategies for “Controlling the Spread”

## 1 Personal Responsibility

**Wear a mask at all times when outside the home** and in-home with people outside family

**Get tested** if experiencing symptoms or believe you may have been exposed

## 3 Enforcement & Awareness

Wake Public Health: Orders of Abatement

NCDHHS: Enforcement letters

Local law enforcement education and awareness of Executive Orders

## 2 Testing

**6 testing sites**

Target of 13,750 Wake County tests/week

**Currently >40,000 per week**

<https://covid19.wakegov.com/testing>

## 4 Community Outreach

Partner with community organizations, faith communities, municipalities to provide:

- Masks, hand sanitizer
- Targeted education materials in multiple languages tools
- Testing sites and events tailored to reach high-risk populations

# Latest guidance on what each of us should do to protect ourselves and others

## >65 years old

**With significant medical conditions AND**

Gathered outside of your immediate household

At significant risk for serious COVID infection

If symptoms develop, **get tested immediately** as the majority of therapeutics work best early in infection.

## <40 years old

Assume you became infected if you gathered beyond your immediate household

**Most likely, will not have symptoms**

However, a danger to others and must isolate away from anyone at increased risk for severe disease and **get tested**

## Unmasked Gatherings

**No unmasked public gatherings are safe**

**No indoor private gatherings are safe without all members fully masked**, unless all members are actively taking the same precautions and **regularly test negative**.



# Community Outreach Efforts for High-risk populations

## Key Partners to Date

El Centro Hispana – Community Health Workers focused on outreach, education and testing

- **9,252 masks** distributed
- 1000 food boxes/bags distributed

Catholic Diocese of Raleigh – administered **682 tests** on 11/23, 11/24, and 11/25.

Resolve to Save Lives – **Community Ambassador Program** to begin in January

## Hispanic/LatinX Task Force

Twice a month meeting of community leaders/advisors and government leaders

Using an equity lens, formulates effective outreach, policy and service recommendations

**Example of their efforts:** #NCunidaContraelVirus campaign reached 112,320 in October with media messages related to prevention, awareness and contact tracing/testing

## African-American

Partner with **downtown churches' food distribution programs** to set up **temporary testing sites** and disseminate COVID-19 education materials, masks and hand sanitizer

**Examples:** Davie Str. Presbyterian and Raleigh Gethsemane Seventh-Day Adventist. Over 3600 tests administered in November and December events

# Community Outreach - Parks

## City of Raleigh

Contracted to test at **31 Municipal Parks**

At each location for a week using contract testing vendors

**3,662 tests the week of December 14-19 at:**

- Green Road Park
- Barwell Road Park
- Lions Park

## Next Up in Raleigh

**Week of 12/26**

Roberts Park

Method Community Park

Marsh Creek Park

**Week of 1/4**

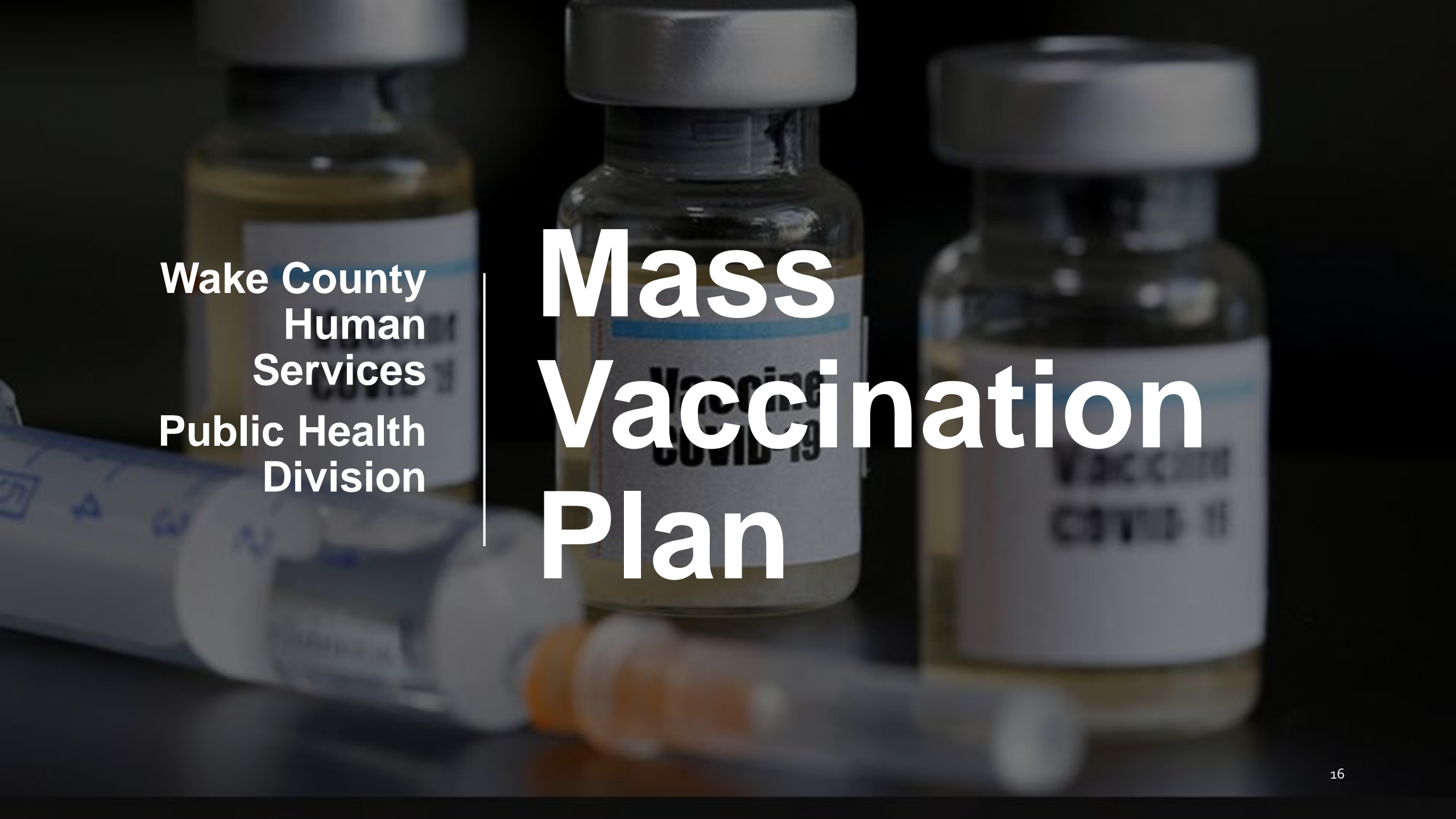
Marsh Creek

Method Park

Roberts Park

## Other Municipalities

In discussion with Cary, Fuquay, Holly Springs, Wendell, Knightdale, Zebulon and Garner to contract to test at their Community Parks.

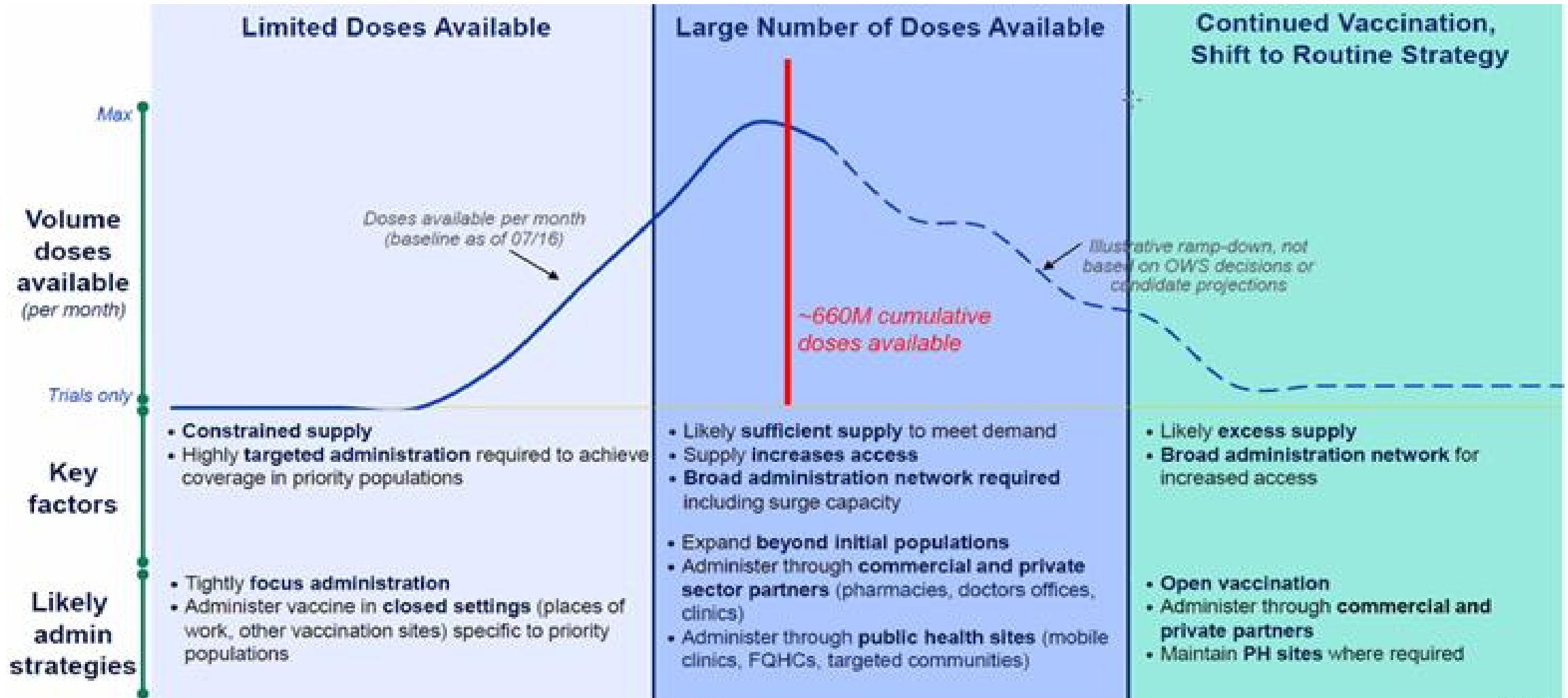
The background of the slide features a close-up, slightly blurred photograph of several glass vials and syringes. The vials are labeled 'Vaccine COVID-19' and contain a yellowish liquid. The syringes are white with blue markings. The overall tone is professional and medical.

**Wake County  
Human  
Services  
Public Health  
Division**

# **Mass Vaccination Plan**



# Phased approach to administering COVID-19 vaccine



# State Directing Vaccine Operation

1

## Phases and Priority Groups

Uses **latest CDC guidance** and knowledge of state-wide conditions to **establish priority groups** for vaccine providers

3

## CVMS – COVID Vaccine Management System

Electronic registration system for use state-wide

**Not yet live** for the general public, but coming soon....

2

## Vaccine Distribution

Licenses vaccine **providers** - **currently 5 in Wake County, include WCPH**

Determines **distribution quantities**

4

## Public Information

Establishes avenues for access – **location**

**Education** – availability, safety and effectiveness of vaccine

# Covid-19 Vaccinations:

## Your best shot at stopping COVID-19.

YOU HAVE A  
**SPOT.** | TAKE YOUR  
**SHOT.**

You have a spot, take your shot. A tested, safe and effective vaccine will be available to all who want it, but supplies will be limited at first. To save lives and slow the spread of COVID-19, independent state and federal public health advisory committees recommend first protecting health care workers caring for patients with COVID-19, people who are at the highest risk of being hospitalized or dying, and those at high risk of exposure to COVID-19. Keep practicing the 3 W's—wear a mask, wait six feet apart, wash your hands—until everyone has a chance to get vaccinated.

Health care workers  
fighting COVID-19 &  
Long-Term Care staff  
and residents.

1a

- Health care workers caring for and working directly with patients with COVID-19, including staff responsible for cleaning and maintenance in those areas
- Health care workers administering vaccine
- Long-term care staff and residents—people in skilled nursing facilities and in adult, family and group homes

Adults 75 years or older  
and frontline essential  
workers.

1b

There is not enough vaccine for everyone in this phase to be vaccinated at the same time. Vaccinations will be available to groups in the following order.

- **Group 1:** Anyone 75 years or older, regardless of health status or living situation
- **Group 2:** Health care workers and frontline essential workers 50 years or older\*
- **Group 3:** Health care workers and frontline essential workers of any age

*\* The CDC defines frontline essential workers as first responders (e.g., firefighters and police officers), corrections officers, food and agricultural workers, U.S. Postal Service workers, manufacturing workers, grocery store workers, public transit workers, and those who work in the education sector (teachers and support staff members) as well as child care workers*

Adults at high risk for  
exposure and at increased  
risk of severe illness.

2

Vaccinations will happen by group in the following order:

- **Group 1:** Anyone 65-74 years old, regardless of health status or living situation
- **Group 2:** Anyone 16-64 years old with high-risk medical conditions that increase risk of severe disease from COVID-19 such as cancer, COPD, serious heart conditions, sickle cell disease, Type 2 diabetes, among others, regardless of living situation
- **Group 3:** Anyone who is incarcerated or living in other close group living settings who is not already vaccinated due to age, medical condition or job function
- **Group 4:** Essential workers not yet vaccinated\*

*\* The CDC defines these as workers in transportation and logistics, water and wastewater, food service, shelter and housing (e.g., construction), finance (e.g., bank tellers), information technology and communications, energy, legal, media, and public safety (e.g., engineers), and public health workers*

Students

3

- College and university students
- K-12 students age 16 and over. Younger children will only be vaccinated when the vaccine is approved for them

Everyone who  
wants a safe and  
effective COVID-19  
vaccination.

4



For more information:  
[YourSpotYourShot.nc.gov](https://YourSpotYourShot.nc.gov)



# Large County Distribution (Supply)

*Wake Providers include WakeMed, UNC, Duke, UNC Wakebrook and Wake County Public Health (WCPH)*

County	Week of 12/14	Week of 12/21	Week of 12/28	Total Doses thru 12/28	Expected Week of 01/04
Wake	8,775	6,825	4,000	19,600	4,975
<b>Wake County Public Health *</b>	<b>0</b>	<b>975</b>	<b>1950</b>	<b>2,925</b>	<b>975</b>
Durham	4,875	7,900	4,100	16,875	4,100
Forsyth	5,850	6,700	4,000	16,550	4,000
Guilford	5,850	5,025	4,100	14,975	3,725
Mecklenburg	9,750	8,775	5,850	24,375	4,875

*\*Included in Wake Overall numbers; all WCPH doses to date have been Pfizer*

# WC Public Health's role in Phase 1a

## Goal

**To stabilize healthcare delivery by vaccinating:**

1. health care workers at highest risk of exposure to patients with COVID-19
2. those working on the vaccination rollout
3. protect those at highest risk for mortality should they be infected with COVID-19 within Long-Term Care (LTC) settings

## Groups in Priority Order

***As of 1/3/21 –  
1030 Doses Administered***

LTC facility staff & residents not enrolled in federal program (1,500)

EMTs/Paramedics

Wake County Vaccinators

Community Groups

- Funeral Homes
- Home Health
- Hospice
- Hospitals
- Community Providers

# Vaccine Demand – Far Exceeds Supply

*As of 1/3/20 – 270 Organizations have requested vaccine*

Groups submit application for vaccination

As of 1/3/20 – 32 of the 270 are considered Phase 1a

Guidelines can be found at:

<https://covid19.wakegov.com/wp-content/uploads/2020/12/Wake-County-Phase-1a-Framework.pdf>



# Phase 1b Priority Groups

## Phase 1b Groups

*Group 1: Anyone **75 years and older***

*Group 2: **Health care workers** (not vaccinated in Phase 1a) and **frontline essential workers 50 years or older***

*Group 3: **Health care workers** (not vaccine in Phase 1a) and **frontline essential workers of any age***

*Health care workers continue to be listed in this priority group as vaccine supply in Phase 1a is not sufficient to cover all health care workers so they will still have priority in Phase 1b*

## 1b Frontline Workers per ACIP\*

Defined as those whose job is essential for the COVID-19 response and who work in a setting that puts them at risk for being exposed to COVID-19, including:

- First responders (e.g., firefighters and police officers)
- Corrections officers
- Food and agricultural workers
- U.S. Postal Service workers
- Manufacturing workers
- Grocery store workers
- Public transit workers
- Education and child-care workers (teachers, support staff, day care)

\*ACIP – Advisory Committee on Immunization Practices - CDC

With broad **vaccine** availability **MONTHS** away and **community spread HIGH**; **MUST** continue the 3w's, even **AFTER VACCINATION.....**



**WEAR**

**a cloth face covering.**



**WAIT**

**6 feet apart. Avoid close contact.**

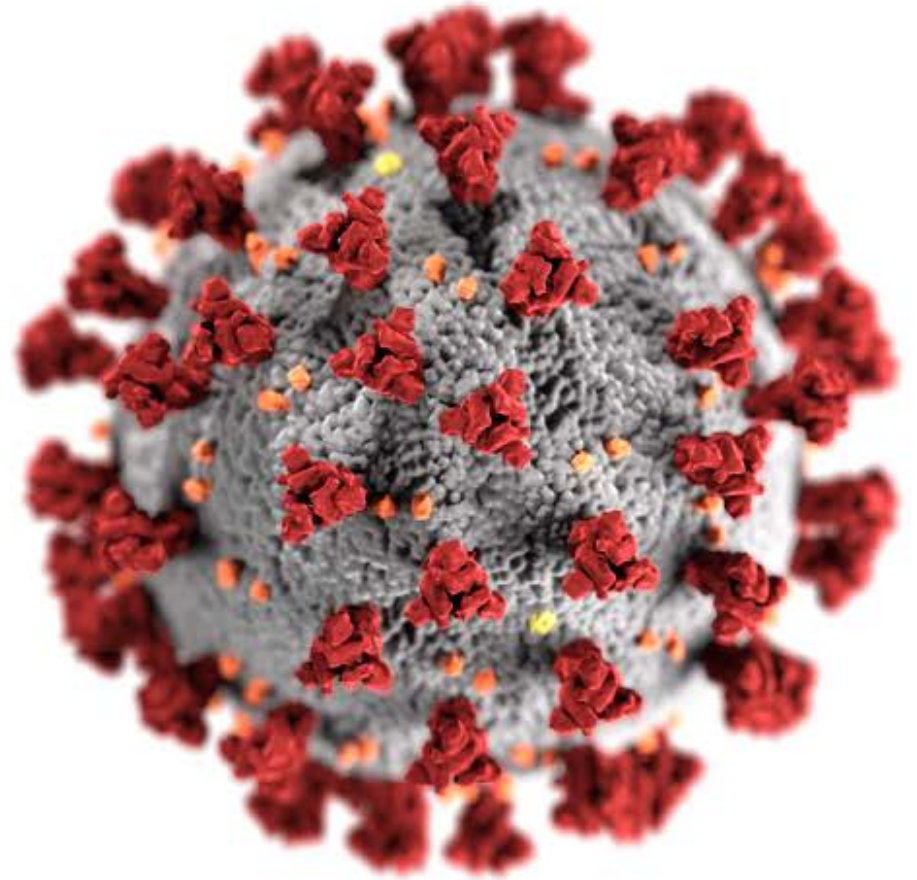


**WASH**

**your hands often or use hand sanitizer.**



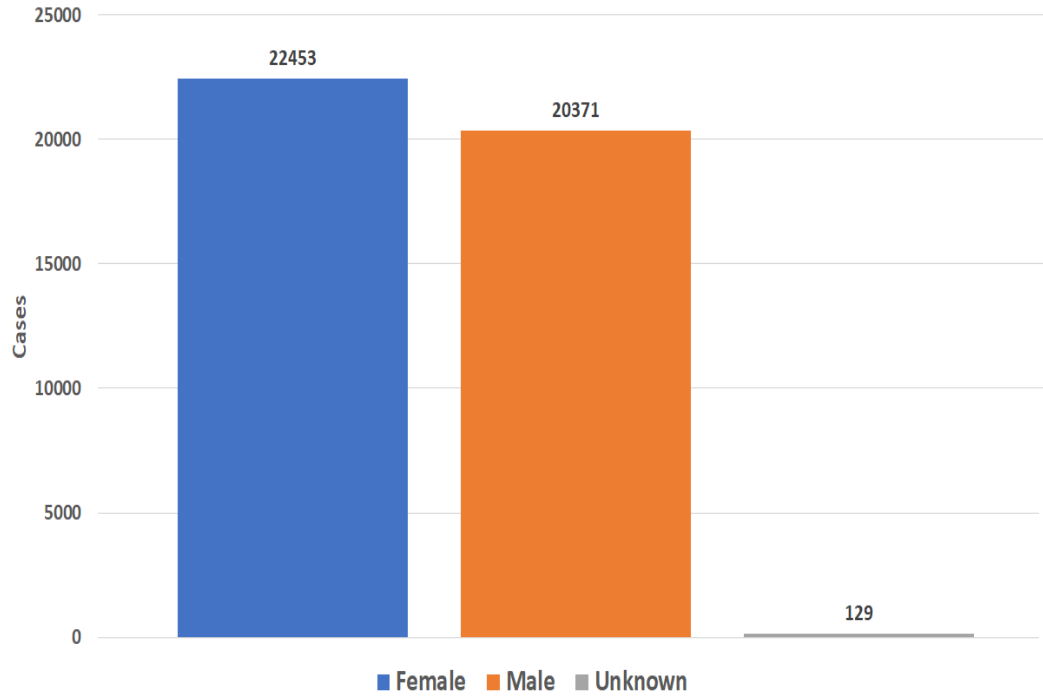
# COVID-19



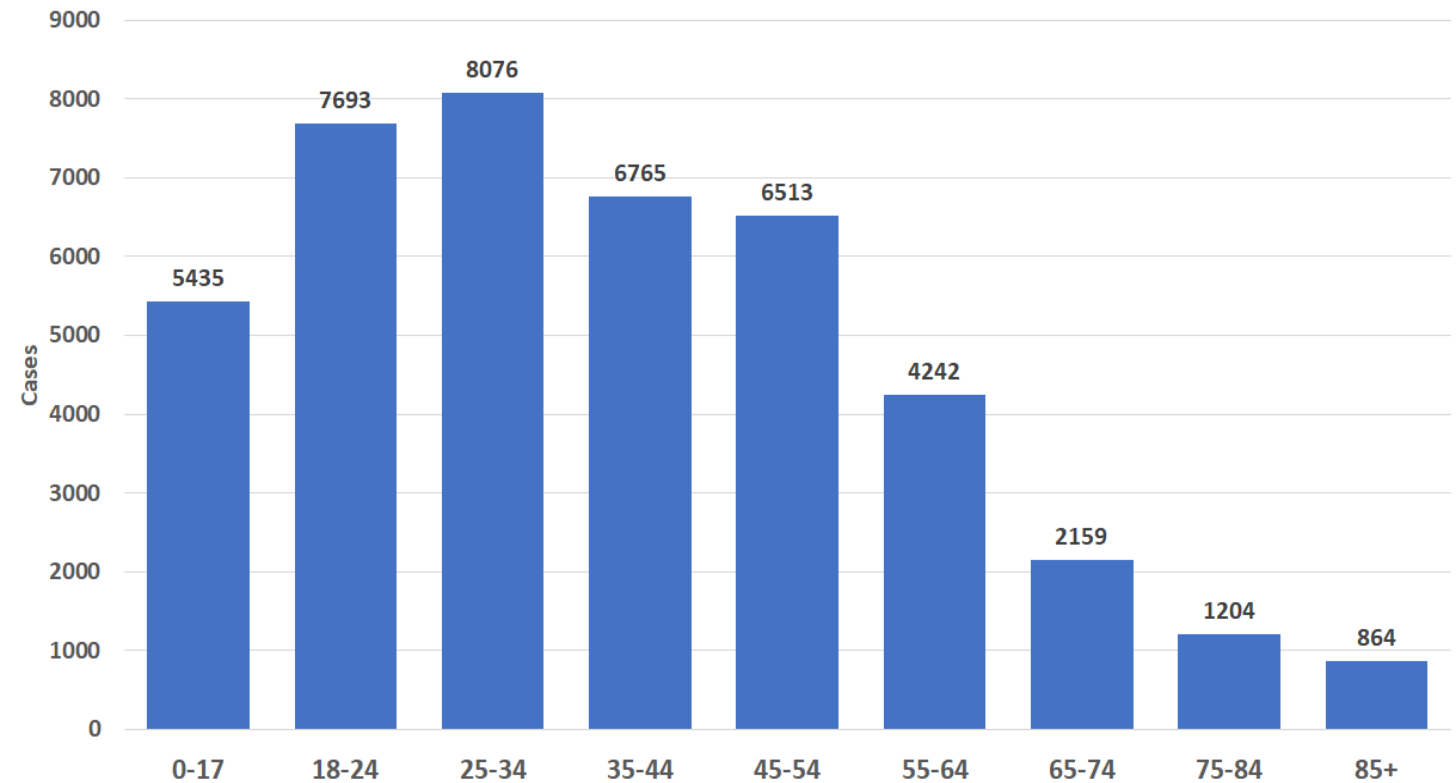
# SUPPLEMENTAL METRICS

# Cases by Gender and Age

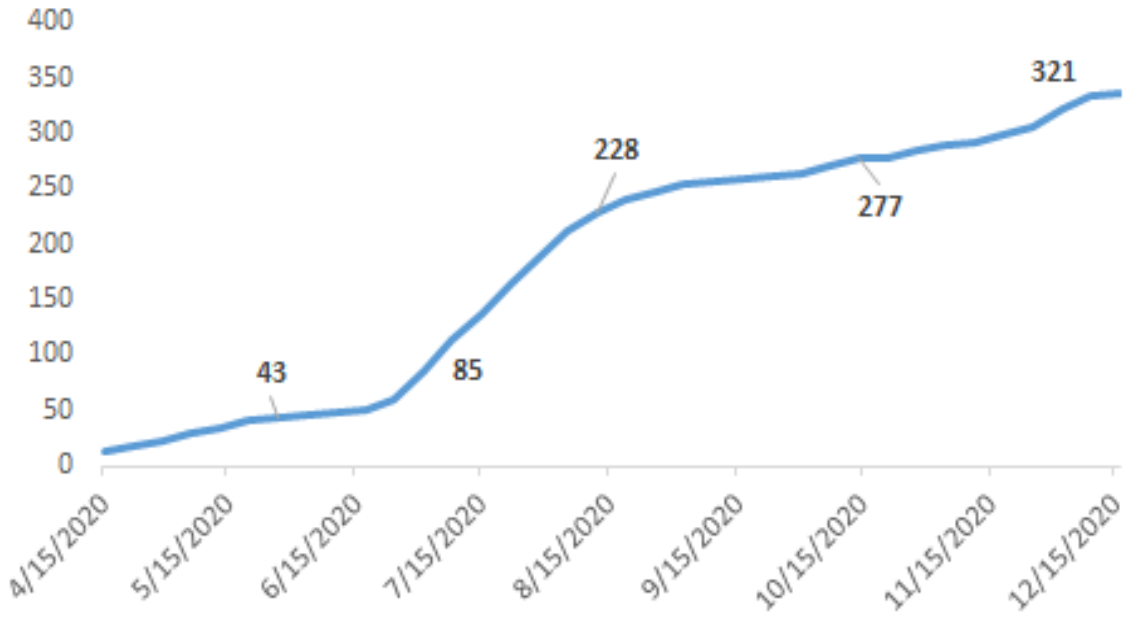
COVID Cases by Gender, Wake County, 3/1/20-12/29/20 (N=42,953)



COVID Cases by Age Group, Wake County, 3/1/20-12/29/20 (N=42,953)



Cumulative Weekly Total of COVID-19 Deaths



# Deaths by Age and Month

COVID Deaths by Age Group, Wake County, 3/1/20-12/29/20 (N=337)

