



COVID-19 Update

Presented by

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Key Messages

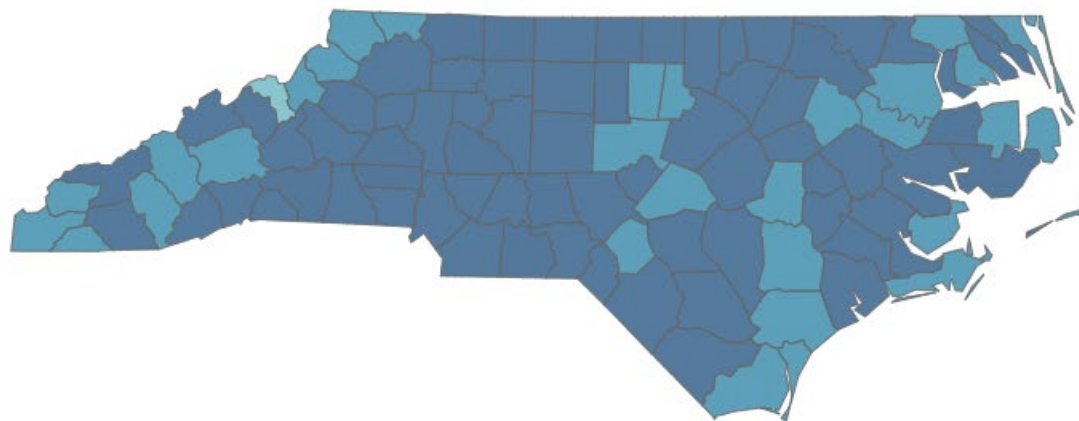
- Current COVID-19 situation report
- Review of Vaccine Rollout



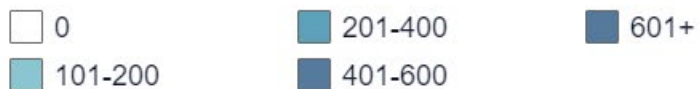
Cases per 100,000 per week

County Map by Cases per 100,000 Residents (Molecular (PCR) and Antigen)

(Click to highlight map, unclick to revert map)



Map Credit: NCDHHS



NC DHHS, 1/19/21

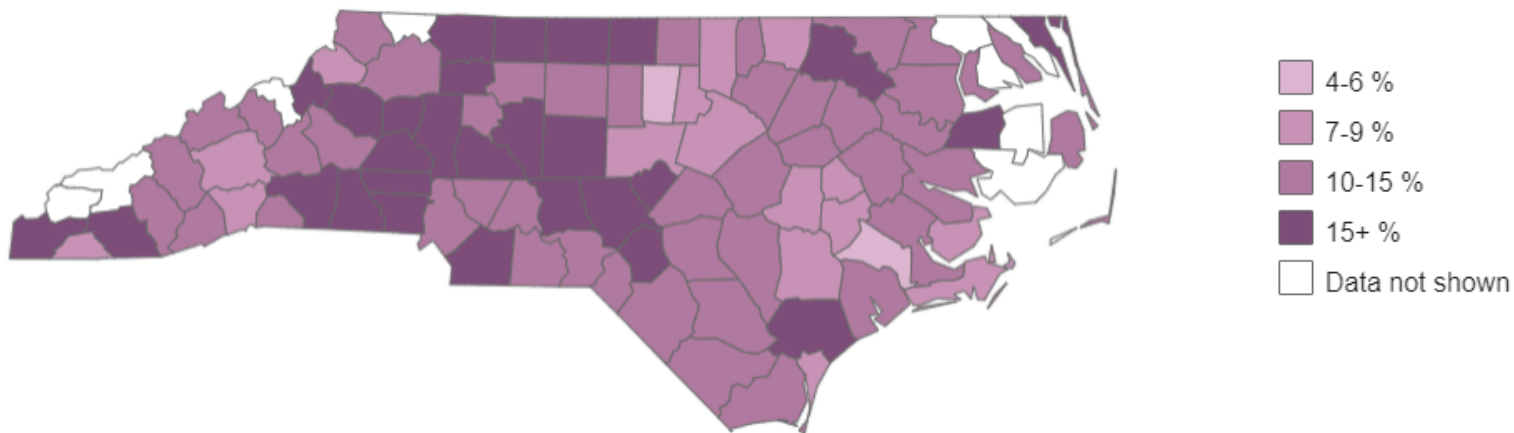


Percent Positivity – Local

Percent Positive by County

Which counties are seeing a decline or sustained level of percent of tests that are positive?

It is important to recognize that the amount of testing being conducted varies across counties. Because the percent positive is calculated using only molecular (PCR) testing data reported electronically in to NC COVID, which is a subset of total tests reported, county-level percent positive rates may be impacted by how many of the total tests for residents in the county were reported electronically through NC COVID.



NC DHHS, 1/19/21



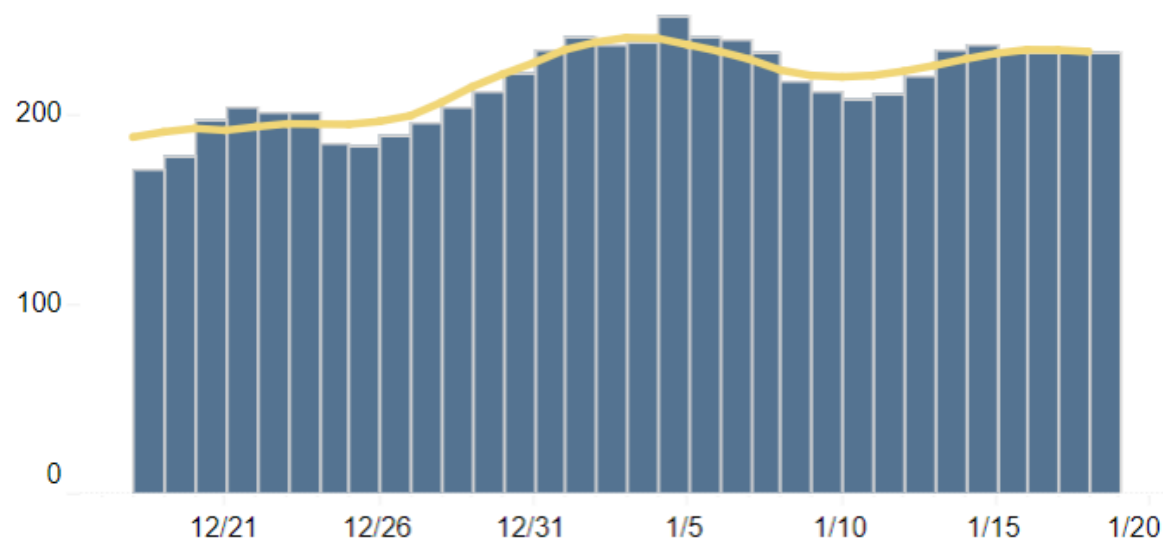
Hospitalizations – Regional

- Statewide
- Region View

Filter By
Region

MAHPC - Mountain Area Healthcare Preparedness Coalition

Currently Hospitalized COVID-19 Patients | Statewide



233

Currently Hospitalized

100%

Hospitals Reporting

NC DHHS, 1/19/21



Buncombe County Metrics

Metric	Value	Dark Green	Light Green	Yellow	Orange	Red
New cases per 100,000 population per week	368	≤ 4	5 - 9	10 - 50	51 - 100	≥ 101
Percent change in new cases per 100,000 population	-8.0%	≤ -26.0%	-25.9% - -11.0%	-10.9% - 0.0%	0.1% - 10.0%	≥ 10.1%
Diagnostic test result positivity rate	8.8%	≤ 2.9%	3.0% - 4.9%	5.0% - 7.9%	8.0% - 10.0%	≥ 10.1%
Change in test positivity	-2.6%	≤ -2.1%	-2.0% - -0.6%	-0.5% - 0.0%	0.1% - 0.5%	≥ .6%
Total diagnostic tests resulted per 100,000 population per week	3567	≥ 2001	1001 - 2000	750 - 1000	500 - 749	≤ 499
COVID-19 deaths per 100,000 population per week	9.1	≤ 0.1	0.2 - 0.4	0.5 - 1	1.1 - 2	≥ 2.1
Percent change in deaths per 100,000 population	-24.8%	≤ -26.0%	-25.9% - -11.0%	-10.9% - 0.0%	0.1% - 10.0%	≥ 10.1%
Percent inpatient hospital beds occupied with COVID-19	13.1%	≤ 5.0%	5.0% - 10.0%	10.0% - 15.0%	15.0% - 15.0%	≥ 15.0%
Percent ICU beds occupied with COVID-19	27.8%	≤ 60.0%	61.0% - 70.0%	71.0% - 80.0%	81.0% - 90.0%	≥ 91.0%

Updated 1/19/21



Deeper Dive into Metrics Cases

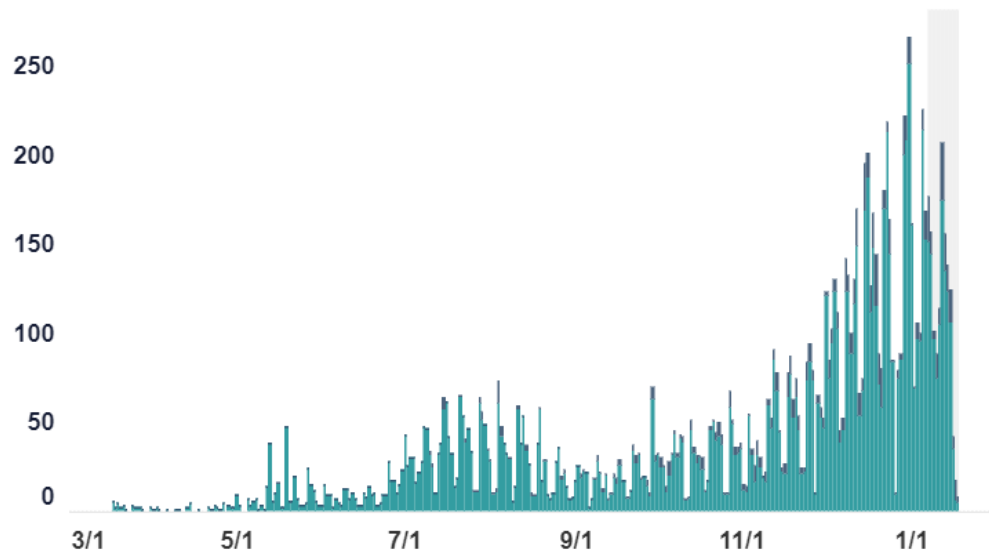
Select Graph View:

- CASES by Date Reported
- CASES by Date of Specimen Collection
- DEATHS by Date of Death

Select county:

Buncombe County

Is Buncombe County seeing a downward trajectory over 14 days, or sustained leveling in new cases?



TOTAL CASES Buncombe County

12,040

MOLECULAR (PCR) POSITIVE CASES

11,016

ANTIGEN POSITIVE CASES

1,024

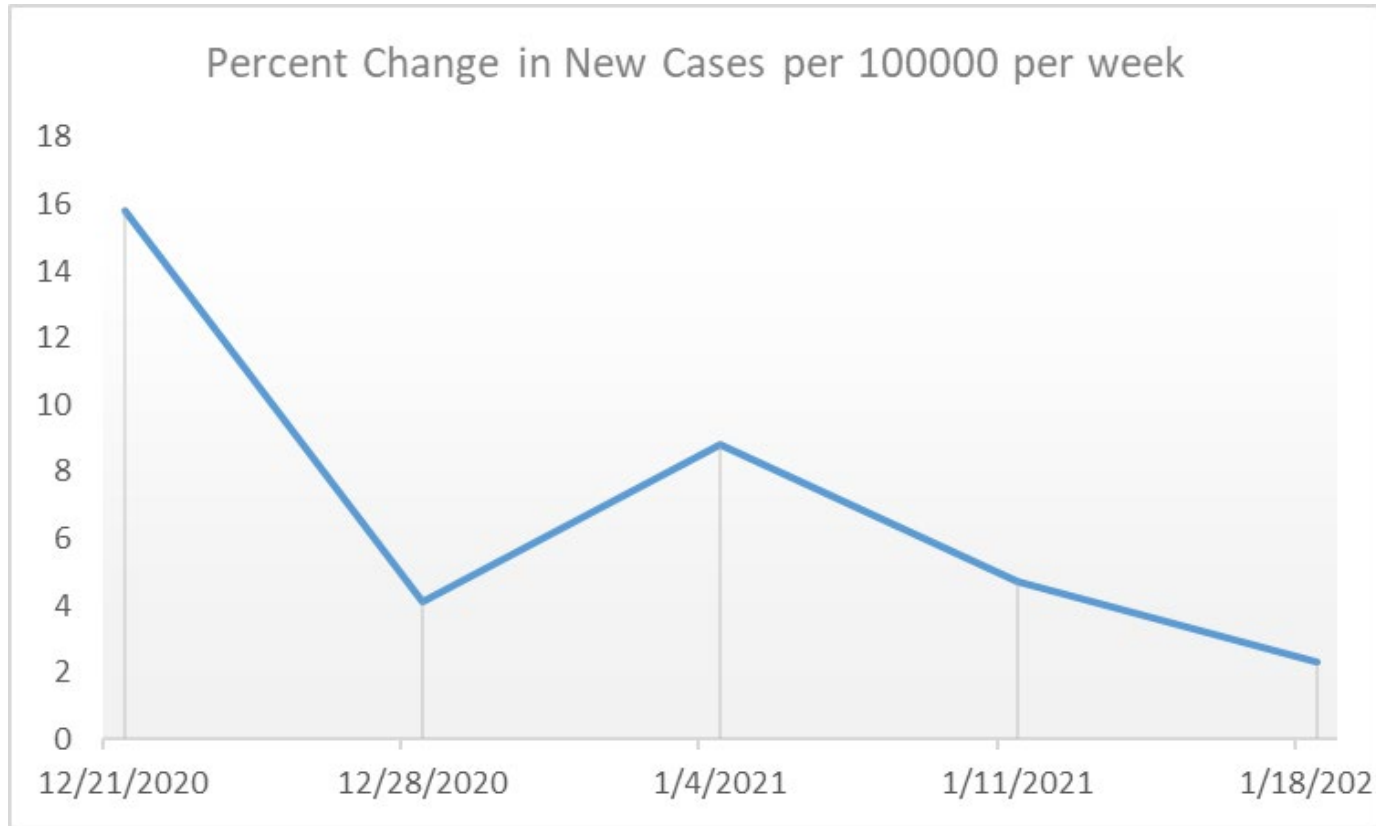
Specimen collection date
missing for 68 cases.

NC DHHS, 1/19/21



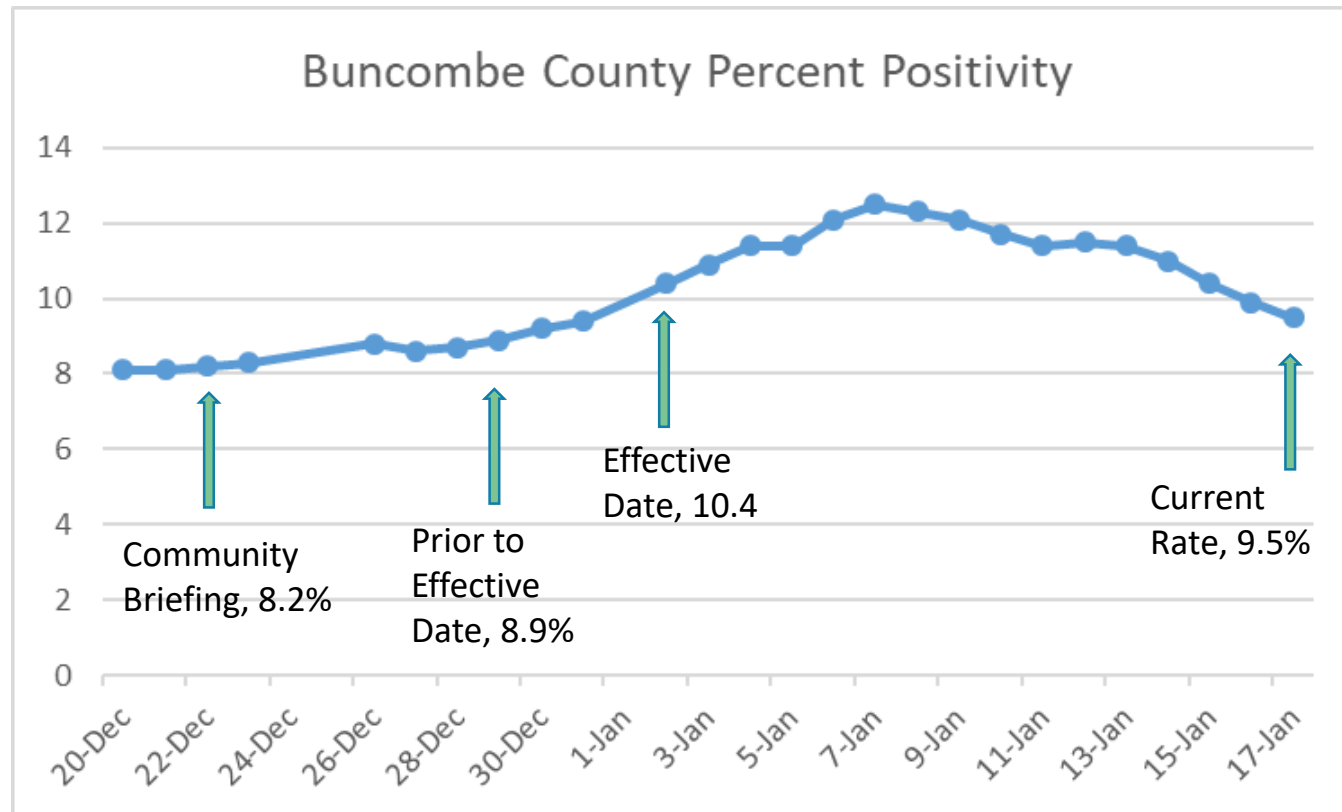
Deeper Dive into Metrics

New Cases



Deeper Dive into Metrics

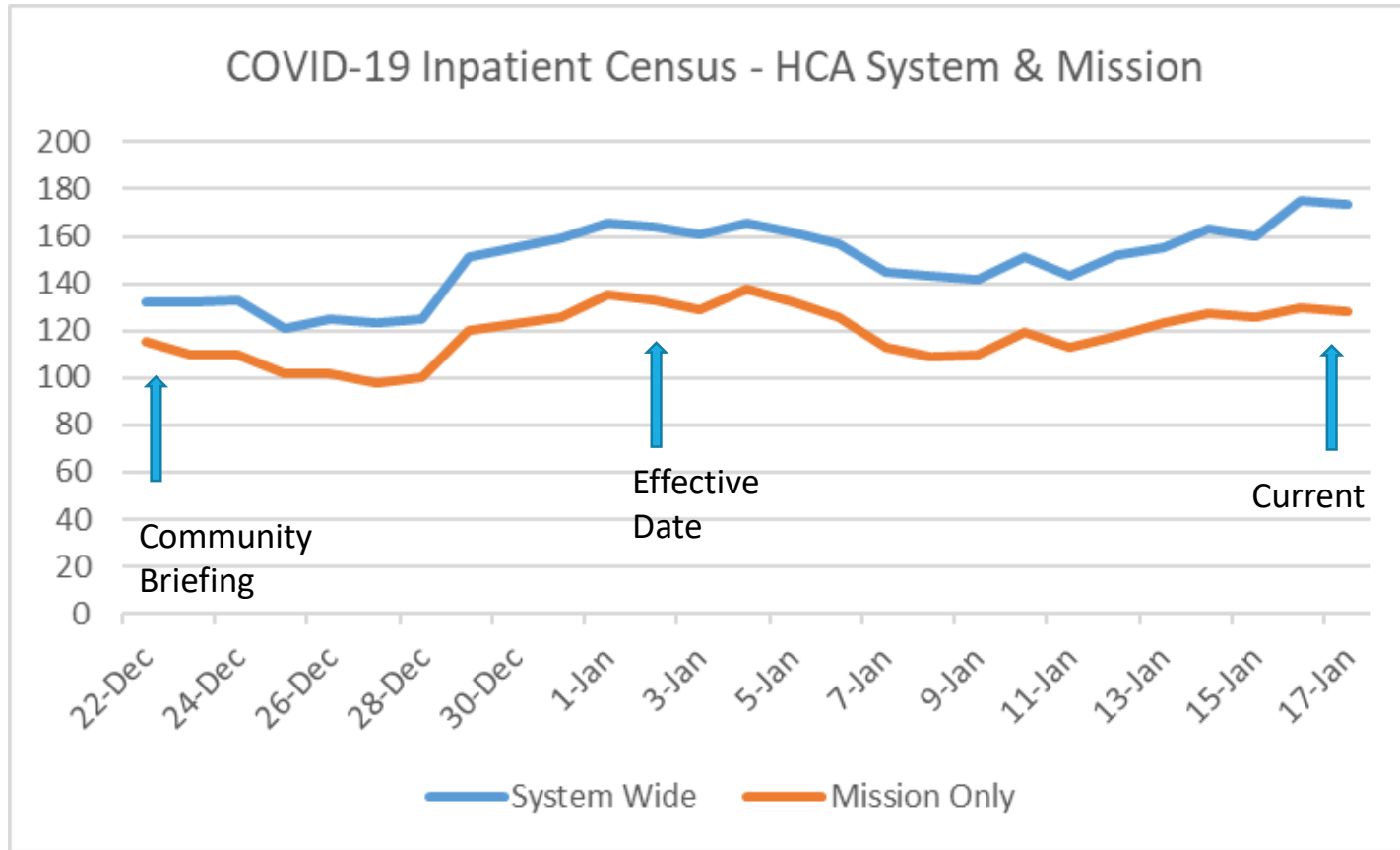
Percent Positivity



Updated 1/17/21



Deeper Dive into Metrics - Hospitalizations

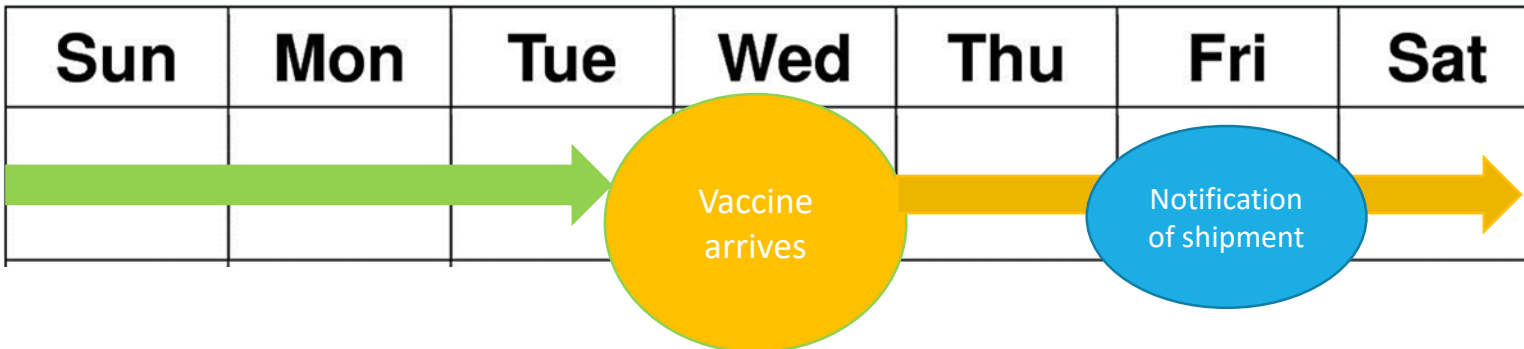
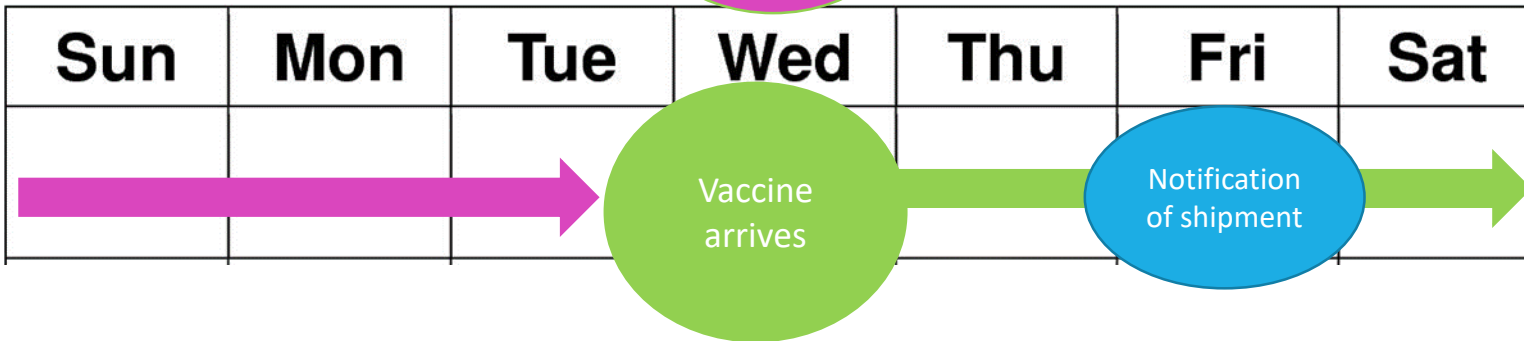
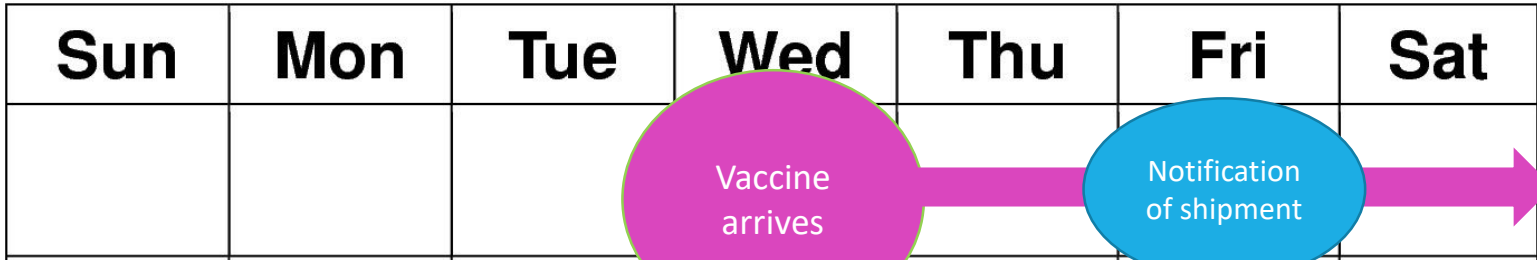


Revised Vaccine Prioritization

- 1 Health Care Workers and Long-term Care Staff and Residents **ACTIVE GROUP**
- 2 Older Adults **ACTIVE GROUP**
- 3 Frontline Essential Workers
- 4 Adults at High Risk for Exposure and Increased Risk of Severe Illness
- 5 Everyone



Vaccine Supply



Vaccine Update

Date Shipment	Amount Received	Vaccine Type	# Number Administered	# of Shelf	Comments	
12/21/2020	700	Moderna	712	0	Regular shipment	Depleted
12/30/2020	975	Pfizer	1112	0	Regular shipment	Depleted
1/5/2021	975	Pfizer	1170	0	Regular shipment	Depleted
1/13/2021	975	Pfizer	953	22	Regular shipment	Expected to be depleted by 1/20/21
1/13/2021	500	Moderna	168	332	WNC Collaborative bump	Expanded appointment availability
1/15/2021	975	Pfizer	0	975	Transfer from Mission	Likely to begin use oon 1/19
Total	5100		4115	1329		
			As of 1/19/2021 @1400			



Vaccine Update

Week of	# Appointments Scheduled	#Vaccine Scheduled for Use	Number of scheduled appointments covered by next shipment	Next Shipment Expected Date
18-Jan	2845	2285	560	1/20/2021



Vaccine Rollout - Update

- Received first shipment on Dec 21
- Less than 24 hours, vaccinating Phase 1a on Dec 22
- AB Tech operation began Jan 11 – initial capacity 2000 per week
- High School Drive-thru for 2nd Dose beginning Jan 25
 - Will allow AB Tech to be designated as 1st Dose site serving up to 1000 per day
 - All 2nd doses diverted to High School Operation



Vaccine Rollout Scheduling 1st dose

- Wait List for Appointments
 - Launching this week
 - Individual can call to be put on the wait list based on the Phases
 - Wait List will open to others as Phases open
 - Call **(828) 250-5000** or visit [buncombeready.org](https://www.buncombeready.org)
 - Placed on list and as appointments open, team will call individual to make appointment based on meeting criteria for current phases
 - Pros: Eliminates the need to call in for an appointment, reduces call volume, placed on wait list based on current phase(s)
 - Cons: New phases immediately at back of wait list, individuals may sign up for multiple list/accept multiple appointments, call volume/web traffic may be high in early implementation and with the arrival of new phases



How can I get on the waitlist?

- Ready Team will be notified and queued up for calls
- The website will be updated to reflect the current phases
- The phone tree message will be updated to reflect the waitlist option
- Mass notification will be sent. Text BCalert to 888-777 for updates
- A public notification will be sent to media partners
- The waitlist can be accessed online at buncombeready.org or by phone at (828)250-5000
- Surge capacity will be added when new phases open to accommodate the anticipated increase call volume



Vaccine Rollout

2nd doses

- Beginning Jan 25, 2nd doses will be provided at drive-thru sites at designated high school.
- For those receiving their 1st dose vaccine prior to Jan 21, will receive a call from team with details of date, location, and window of time for 2nd dose.
- For those receiving their 1st dose at AB Tech beginning Jan 21, will receive a card with date, location, and window of time to receive their 2nd dose.



Vax Operations Overview

- Receiving overwhelmingly positive feedback on Operations at AB TECH
- Administering 100% of first dose weekly allotments (W-W)
- Today's throughput ~600,
 - avg. entry-to-vax time is 12 minutes
- Currently vaccinating 1,000+ more a week than standard allotment
 - 975 Pfizer is current standard allotment
 - +500 Moderna weekly from WNC Collaborative
 - +975 Pfizer transfer from HCA



VAX OPS Expansion

- As of 1/18, Fixed Site Operations at AB TECH has capacity for 4,000 per week throughput
- Shifting Models week of 1/25:
 - AB Tech will be dedicated to 1st Dose only
 - AB Tech throughput may be able to exceed 5,000 per week
 - 2nd Doses will be administered at vehicle based site at a Reynolds High School
 - Planning Process has begun to run 2 high school sites simultaneously
 - When at full capacity may provide additional throughput of 5,000+ per week per vehicle vax site
 - Vehicle sites can be repurposed as 1st Dose/Hybrid Sites
 - When at full capacity may provide total throughput of 10,000+ or 15,000 per week between all sites
- **Planning Assumptions:**
 - Projected throughputs are based on projections of scaling up current operations
 - At some point, 1st and 2nd dose will only be relevant at individual level



Public Health Burden to 70%

Notional Assumptions:

- Only Public Health is providing vaccine to community, no providers assisting
- Buncombe County is receiving as much vaccine as we can administer
- Two dose vaccine regimens

Buncombe County Population: 261,100
70% of Population: 182,800
Total Vax Deliveries required: 365,600

- BC notional weekly Vax rate: 10,000
- BC notional monthly Vax rate: 40,000
- Weeks to 70%: 37 (9.5 Months)

- BC notional weekly Vax rate: 15,000
- BC notional monthly Vax rate: 60,000
- Weeks to 70%: 25 (6.5 Months)

- BC allotted weekly Vax rate: 1,475
- BC allotted monthly Vax rate: 5,900
- Weeks to 70%: 242 (60 Months)

Current Allotment:

per week: 1,475

per month: 5,900



Transfer to Providers

- Although Buncombe County Public Health may have capacity for 10,000+ vaccines a week, we should not wait to achieve this capacity before we start transferring vaccine to providers:
 - Trusted Source
 - Already working with unique populations
 - Established relationships
 - Better than governmental public health
 - Equity Lens
 - more locations, hours, opportunity
 - Load distribution
 - We don't want to find out true capacity without support from providers
 - Ramp-up time for providers
 - Incremental capacity increases and process improvement

