

# North Central Health District COVID-19 Operational Summary



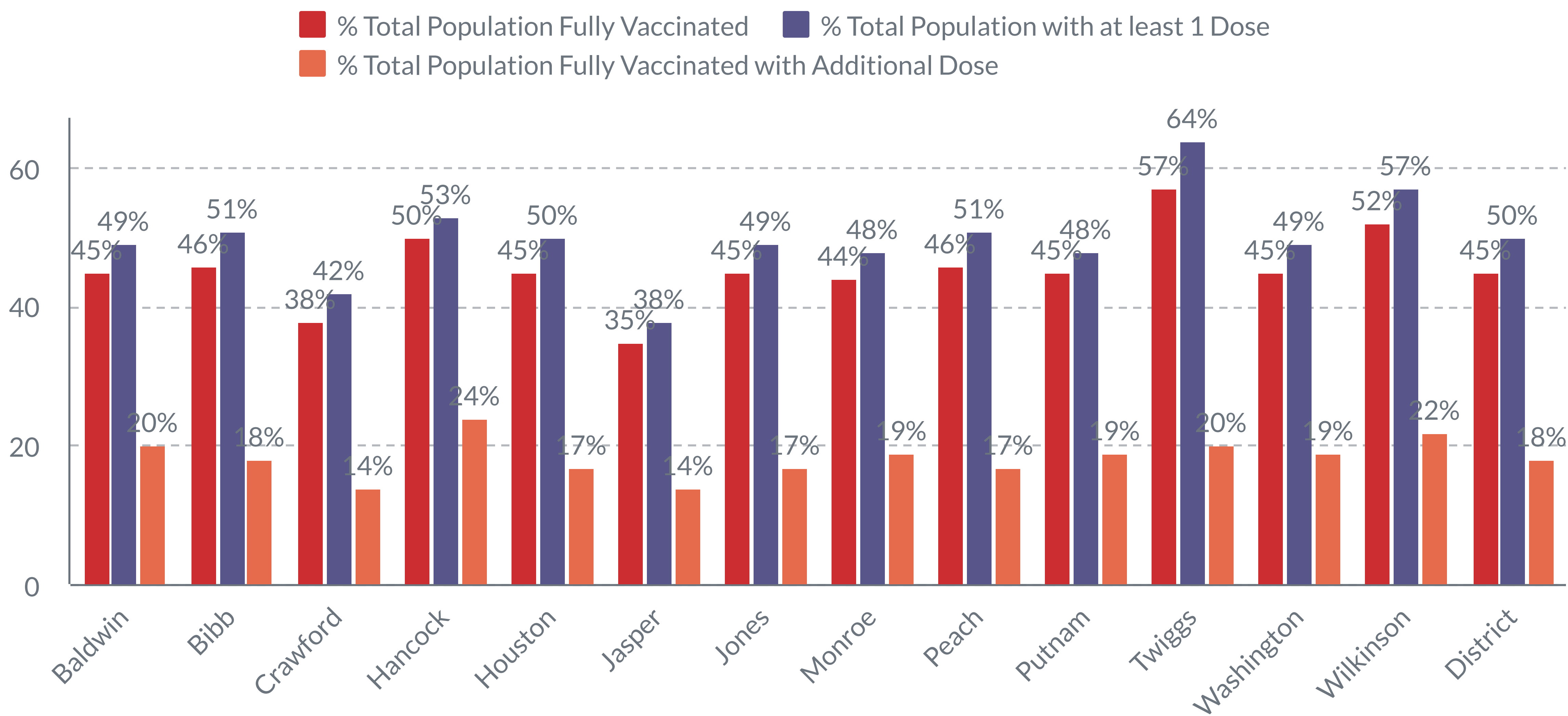
February 14, 2022

This is an emerging and dynamic situation, therefore our data and recommendations are subject to change. North Central Health District (NCHD) is part of the Georgia Department of Public Health (DPH) and serves individuals residing in 13 Central Georgia counties: Baldwin, Bibb, Crawford, Hancock, Houston, Jasper, Jones, Monroe, Peach, Putnam, Twiggs, Washington, and Wilkinson. This report describes the NCHD operations in response to the COVID-19 pandemic. The purpose of this report is to provide situational awareness to our district partners and community members.

## COVID-19 Vaccination

North Central Health District started administration of COVID-19 vaccine Dec. 23. NCHD continues to provide COVID-19 vaccine at all 13 of its county health departments in Central Georgia. The information in this portion of the report is accurate as of 2/14/2022 at 4 PM.

### Vaccination Status by County



Vaccine Brand	Doses Administered
Johnson & Johnson	4878
Moderna	109956
Pfizer	8764
TOTAL	123598

## COVID-19 Vaccination Data Resources

The following links provide a variety of regularly updated state- and county-level details regarding COVID-19 vaccination including demographic data (age, race, gender, etc.), numbers of fully-vaccinated residents, percentage of population vaccinated and more:

- [Georgia DPH COVID-19 Vaccine Distribution Dashboard](#)
- [CDC COVID-19 Data Tracker - Vaccinations in the United States](#)
- [Vaccines.gov- Find COVID-19 Vaccine Sites](#)



# NCHD Specimen Points of Collection (SPOC)

*Note: Baldwin and Houston County SPOCs are managed by a 3rd party contract laboratory that is coordinated by the state Department of Public Health. The information from this specimen collection will not be included in this report. As of 8/30/2021, NCHD is no longer reporting testing data due to third-party SPOC management.*

## COVID-19 Case Data Resources

The following links provide a variety of regularly updated state- and county-level details regarding COVID-19 cases:

- [Georgia DPH COVID-19 Daily Status Report](#)
- [Georgia Geospatial Information Office COVID-19 Status Dashboard](#)

## Epidemiology - Data Definitions

The information in the rest of the report is a breakdown by Presumptive and Confirmed Cases by each county within NCHD. Due to the reporting, interview, and data analysis processes, there may be delays in reporting cases as an outbreak. The Epidemiology Program is working closely with all partners to ensure data accuracy.

- An outbreak is considered closed** if it has been 2 incubation periods since the last symptom onset date.

Not all cases within an outbreak are counted within the county the outbreak occurs (i.e. staff of a facility may live in another county).

- 14-Day incidence rate** indicates newly reported confirmed COVID-19 cases among county residents per 100,000 residents during the 14- day period indicated, using 2019 U.S. Census data to derive county population. Rates cannot be accurately calculated for Counties with <5 cases.
- Transmission Levels** are based on the incidence rate and defined as:
  - Substantial Spread: greater than 101 cases per 100,000 county residents
  - Moderate Spread: 51-100 cases per 100,000 county residents
  - Minimal Spread: >11-50 cases per 100,000 county residents
  - Low Spread: > 0-10 cases per 100,000 county residents
  - Insufficient Data: A rate is not calculated for less than 5 cases reported. These counties may likely have low levels of transmission but may be affected by other factors such as levels of COVID-19 testing.

<b>CURRENT</b> <b>2 WEEK PERIOD:</b> 1/24/2022 - 2/6/2022	<b>PREVIOUS</b> <b>2 WEEK PERIOD:</b> 1/10/2022 - 1/23/2022	<b>PREVIOUS</b> <b>7 DAYS:</b> 2/7/2022 - 2/13/2022
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## Epidemiology - Overview

NCHD Epidemiology only reports Confirmed\* and Presumptive\* cases that reside within the 13 counties that make up the district. Although serology (i.e. antibody tests) are reportable, they do not meet the CDC case definition for a confirmed or presumptive case, therefore number of serology tests are not included in this report. Any reductions in numbers are a result of data error corrections (i.e. duplication, incorrect case classification, residency, etc). Data corrections are made as soon as they are found and data accuracy is checked daily by NCHD epidemiology staff. The information in this portion of the report is accurate as of 2/14/2022 at 4 PM.

**SUBSTANTIAL  
SPREAD**

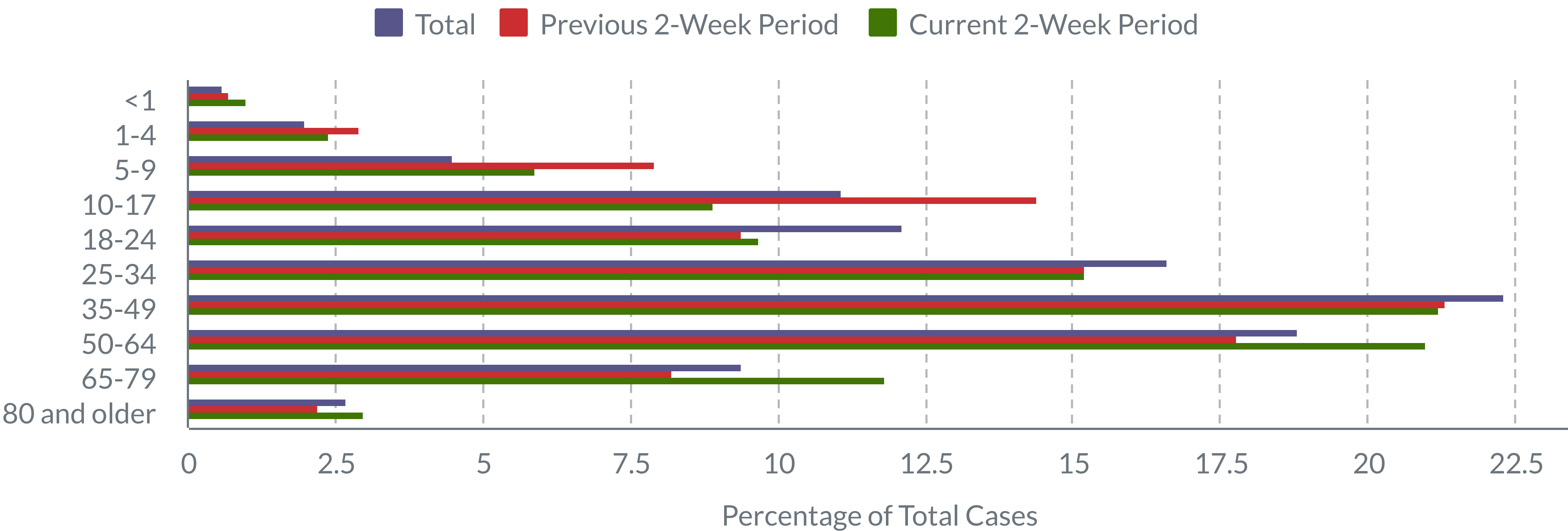
Total Number of Confirmed and Presumptive Cases	120,059
Median Age (Age Range)	37 (0-107 Years)
Hospitalizations	6937 (6%)
Deaths	2323 (2%)
Deaths Median Age (Age Range)	74 (17-104 Years)
Deaths that were Hospitalized	1539 (66%)

**878**  
**Current 14-Day  
Incidence Rate**

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 878 per 100,000 population (n=4690; population=530,945)**. The previous 2-week period Incidence Rate was 2232 per 100,000 population (n=11930).

County	Total Confirmed Cases as of 2/13/2022	Total Presumptive Cases as of 2/13/2022	Total Presumptive and Confirmed Cases 2/13/2022	Presumptive and Confirmed Cases 2/6/2022	Percent Change Between 2/6/2022- 2/13/2022	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	7,243	2178	9421	9319	1.1%	454	216
Bibb	28,524	7,864	36388	35920	1.3%	2749	713
Crawford	1174	582	1756	1729	1.6%	122	50
Hancock	1355	195	1550	1537	0.8%	133	87
Houston	22,769	15,952	38721	38196	1.4%	1521	460
Jasper	1647	1437	3084	3057	0.9%	172	68
Jones	3,684	1263	4947	4886	1.2%	317	104
Monroe	3,842	1924	5766	5699	1.2%	323	159
Peach	3,633	2382	6015	5937	1.3%	349	119
Putnam	3,597	806	4403	4373	0.7%	278	97
Twiggs	1028	483	1511	1498	0.9%	161	66
Washington	3,172	1114	4286	4225	1.4%	191	132
Wilkinson	1627	584	2211	2153	2.7%	167	52

Age Distribution of Cases



All data is based on patient county of residence when known. \*Confirmed Cases are those tested using a Molecular Tests (i.e. PCR) since 3/1/2020. \*Presumptive Cases are those tested using an Antigen Test since 3/1/2020

County Data - Incidence Rate

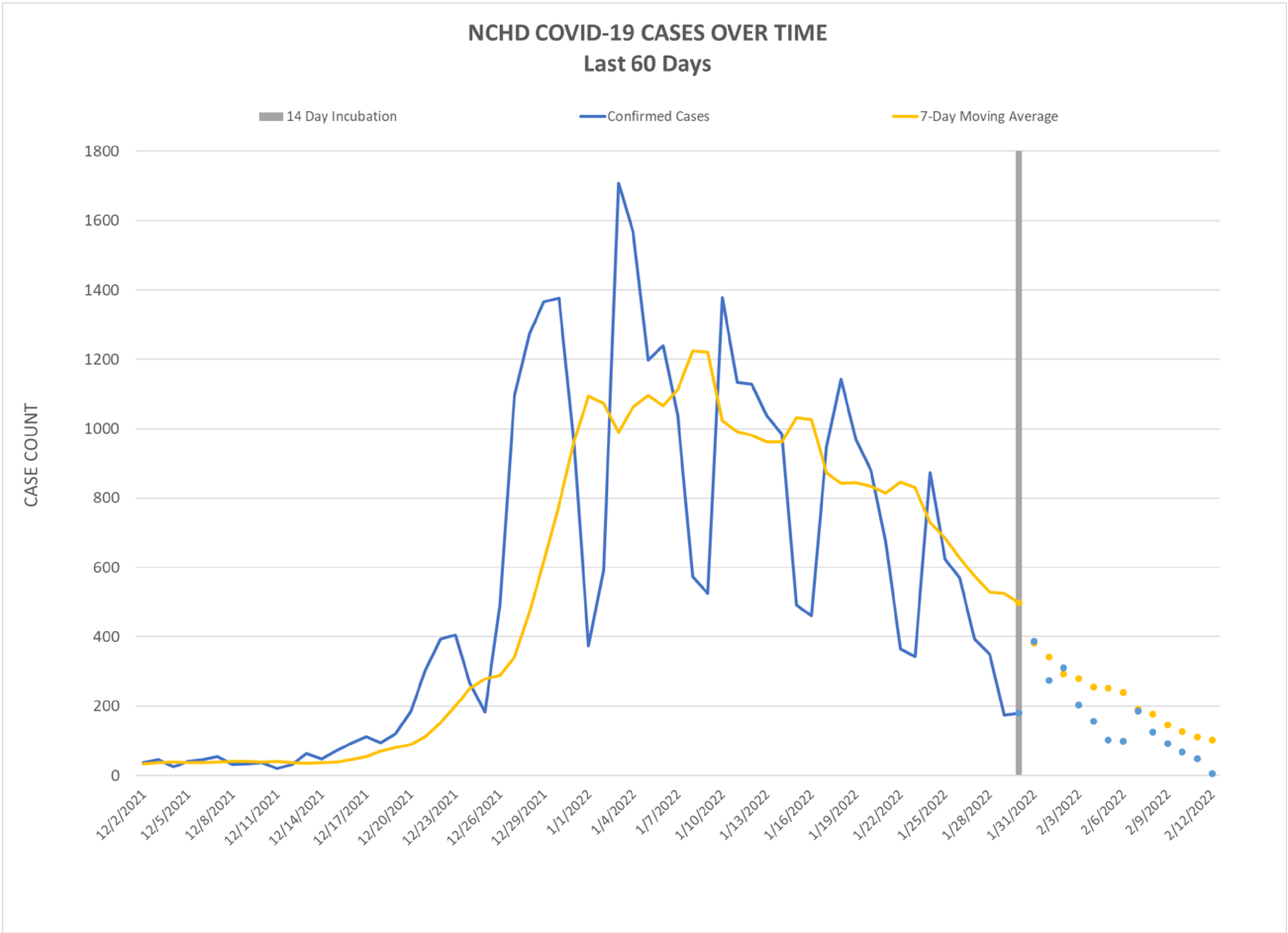
GEOGRAPHY	1/10/2022 - 1/23/2022			1/24/2022 - 2/6/2022			%change in Case Count	COVID-19 Transmission Level
	Total Cases	Rate per 100,000	Positivity Rate (PCR)	Total Cases	Rate per 100,000	Positivity Rate (PCR)		
BALDWIN	885	1971	41%	375	835	31%	-58%	Substantial
BIBB	2882	1882	33%	1216	794	19%	-58%	Substantial
CRAWFORD	229	1846	45%	116	935	40%	-49%	Substantial
HANCOCK	100	1182	21%	51	603	26%	-49%	Substantial
HOUSTON	4863	3081	38%	1763	1117	29%	-64%	Substantial
JASPER	292	2054	39%	101	710	29%	-65%	Substantial
JONES	473	1646	40%	223	776	32%	-53%	Substantial
MONROE	473	1715	40%	179	649	26%	-62%	Substantial
PEACH	621	2254	38%	236	857	30%	-62%	Substantial
PUTNAM	349	1578	40%	138	624	33%	-60%	Substantial
TWIGGS	131	1613	48%	31	382	26%	-76%	Substantial
WASHINGTON	407	1998	36%	138	677	30%	-66%	Substantial
WILKINSON	225	2513	41%	100	1117	31%	-56%	Substantial
Total	11930	2232	37%	4690	878	26%	-61%	Substantial

County Data Resources

Use the resources here to access additional county level information used in previous operations summaries.

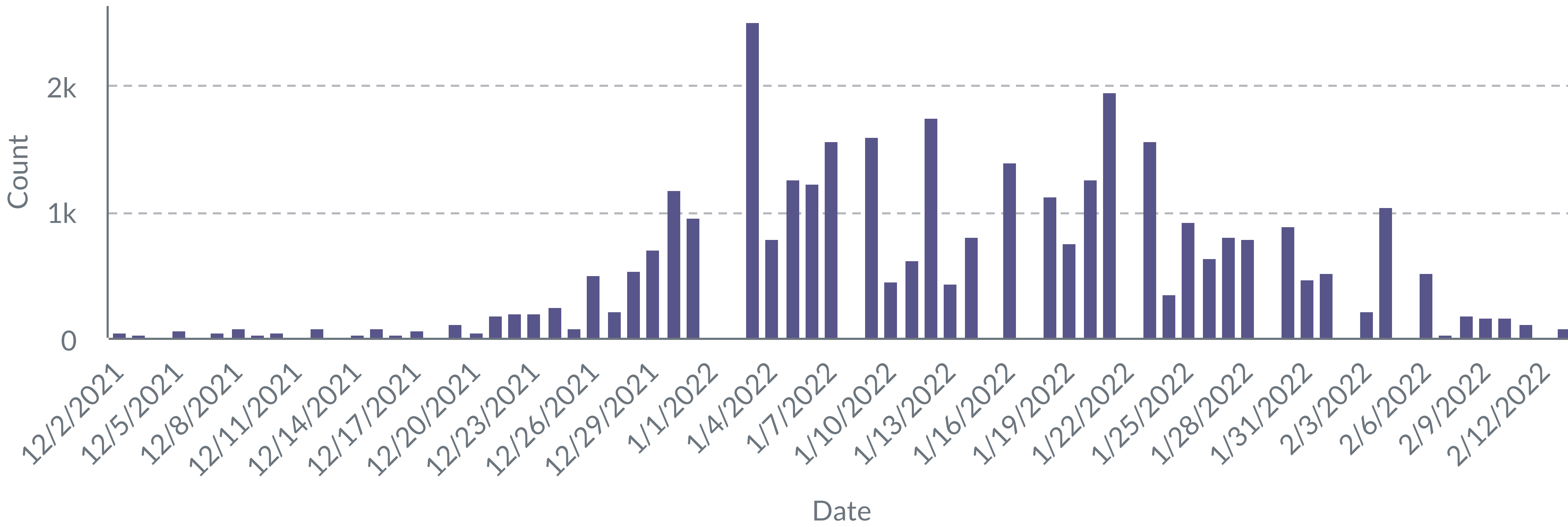
- [Georgia DPH County Indicator Reports](#) - Details ED visits, high transmission counties, lab test and more.



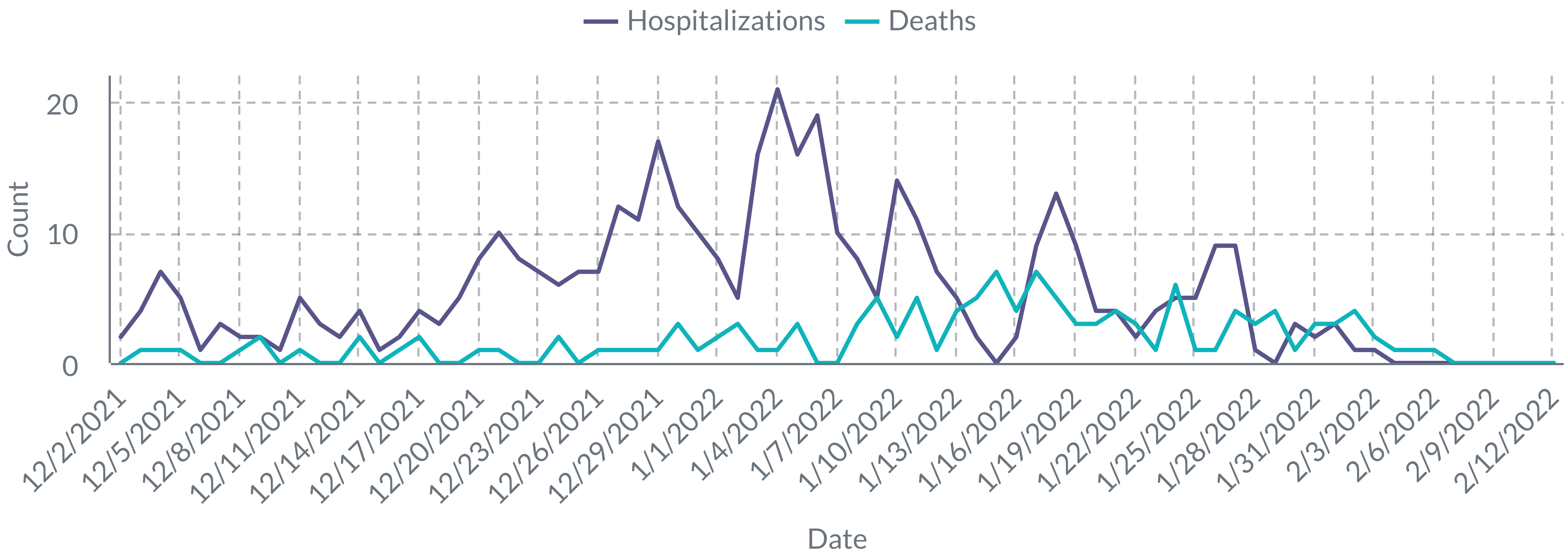


\* 14-day window – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test results may still be pending.

## Number of Positive Confirmed and Presumptive COVID-19 Cases for the Last 60 Days By Day of Report to NCHD



## Hospitalizations and Death By Date of Occurrence Past 60 Days



# Outbreak Data Resources

Use the resources here to access additional county level information used in previous operations summaries.

- [Georgia DPH Long-Term Care Facility Test Positivity Rates](#)
- [Georgia DPH School Aged COVID-19 Surveillance Data](#)

## COVID-19 Breakthrough Cases

The following data describes breakthrough cases of COVID-19 in fully-vaccinated and partially-vaccinated individuals in NCHD's 13-county district. The report includes any confirmed or antigen positive cases with a specimen collection date for a PCR or antigen positive result greater than between **1/1/2021 and 2/4/2022**. Cases that meet these parameters will be assigned one of 3 groups for vaccine status at the time of infection: Unknown, Partially Vaccinated, Fully Vaccinated.

The following is based on the 82658 cases reported between 1/1/2021 - 2/4/2022.

Vaccination Status	Positive Cases	Hospitalizations*	Deaths
Unknown/Unvaccinated	65,915 (75%)	3,174 (83%)	960 (82%)
Partially Vaccinated	3,764 (4%)	233 (6%)	84 (7%)
Fully Vaccinated	15,556 (18%)	397 (10%)	120 (10%)
Fully Vaccinated with Additional/ Booster Dose	2,503 (3%)	48 (1%)	11 (1%)
Grand Total	87,738 (100%)	3,852 (100%)	1,175 (100%)

\*Hospitalization is hospitalization for any reason during the individuals course of illness.

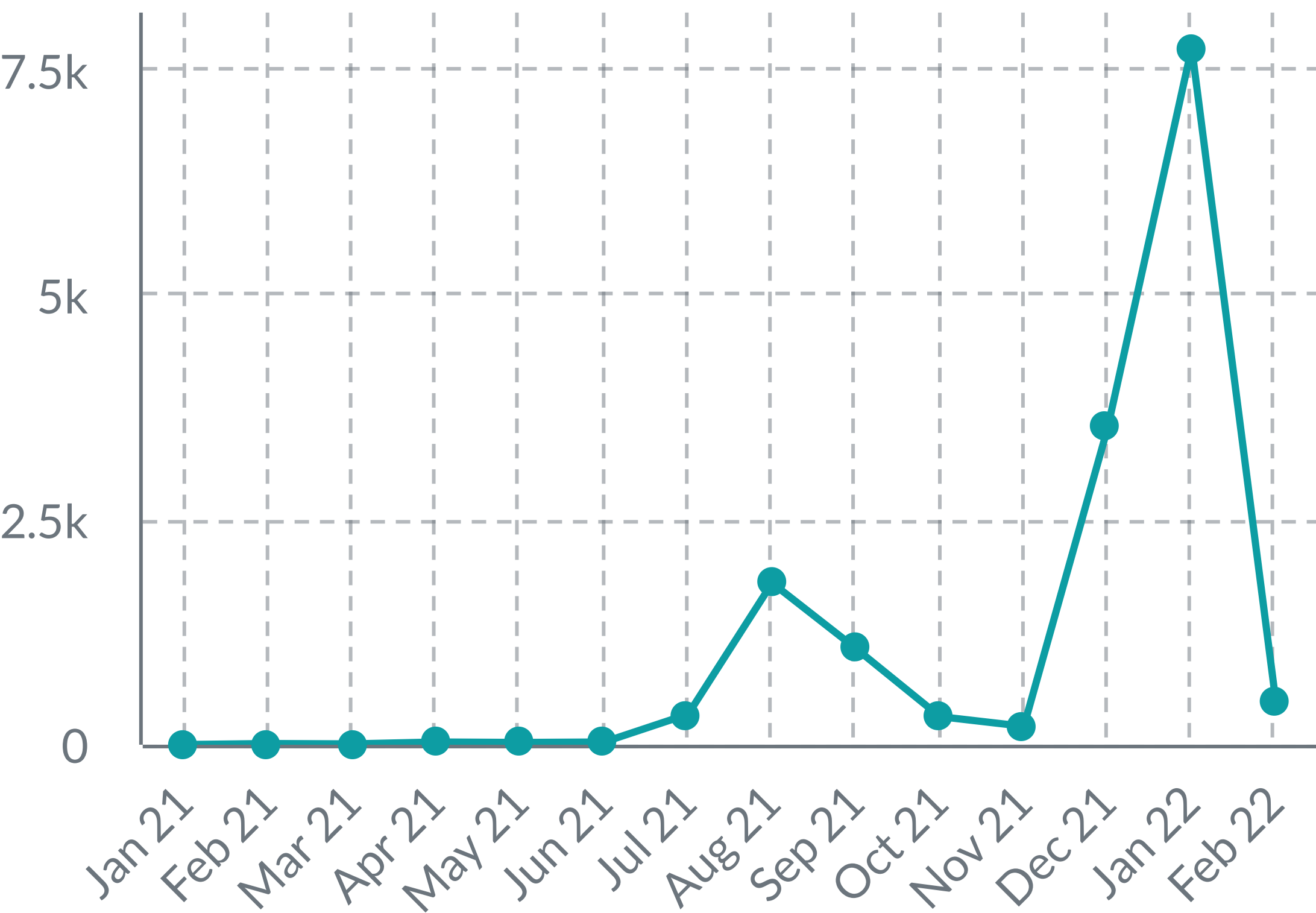
18%

Of the 82658 cases within NCHD since January 2021, **17% were fully vaccinated, 4% were partially vaccinated, and 75% were either unvaccinated or had an unknown vaccination status.**

75%

75% of the breakthrough infections within NCHD have occurred between Dec. 2021 and Jan 2022. This is likely due to substantial community spread of the Omicron Variant.

Number of Fully Vaccinated Breakthrough Cases within NCHD from Jan 21 -Jan 22



Breakthrough Cases by County			
County	Total Cases	Fully Vaccinated Breakthrough Cases	% Of Total Cases
Baldwin	6,264	1238	20%
Bibb	26,352	4,629	18%
Crawford	1336	235	18%
Hancock	881	194	22%
Houston	30,100	5,513	18%
Jasper	2,237	317	14%
Jones	3,739	724	19%
Monroe	4,044	619	15%
Peach	4,405	724	16%
Putnam	3,002	498	17%
Twiggs	1040	183	18%
Washington	2,790	427	15%
Wilkinson	1548	255	16%
Total	87,738	15,556	18%

The average number of days between the date the last dose of the vaccine was given and the first positive COVID-19 antigen or PCR laboratory result post-vaccination for fully vaccinated individuals that meet a breakthrough case definition within NCHD by 2/4/2022 is **197 days**. Range is between **14 days and 383 days**.

- Unknown: PUIs in this group have no matching vaccine data that correspond to their positive date OR they have vaccine data from after their positive result. The vast majority are most likely unvaccinated at the time of their positive and we report them as unvaccinated in our reports.
- Partially Vaccinated: PUIs in this group had some vaccine prior to their positive date, but do not meet the CDC definition for fully vaccinated. They could have received 1 of 2 doses prior to positive, received 1 of 1 or 2 of 2 but the last vaccine was less than 14 days prior to positive, or they could have had another positive test less than 90 days prior to their post-vaccine positive.
- Fully Vaccinated: PUIs in this group meet the CDC definition for a fully vaccinated breakthrough case. They received 1 of 1 or 2 of 2 vaccine doses at least 14 days prior to their positive date and did not have another positive date in the 90 days prior to the new positive.



# School-Age COVID-19 Rates

The following data describes COVID-19 cases in school-age groups compared to the average rate of infection for the age 23-64 year old age group. Counties on the left/above the Adult Rate Case Lines have a higher case rate among the described school-age group than adults age 23-64 within NCHD's 13 county district. Counties that are not listed in the chart have case counts within the comparison age group that are <5. This portion of the report reflects the 14-day incubation period of 1/24/2022 - 2/6/2022.

