

North Central Health District COVID-19 Operational Summary



February 28, 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.

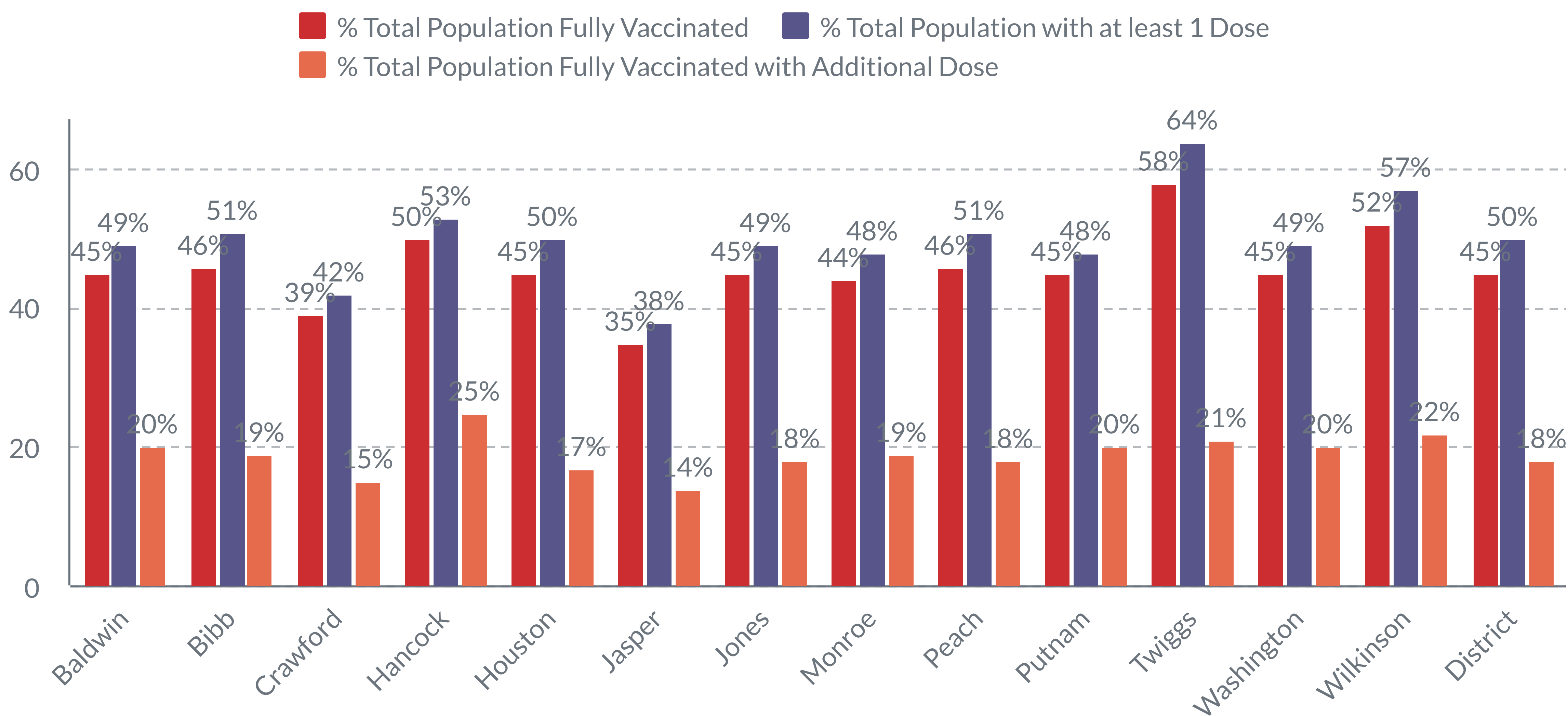
PLEASE NOTE: This will be the final COVID-19 Operational Summary published by North Central Health District.

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 2/27/2022 at 4 PM.

Vaccination Status by County



Vaccine Brand	Doses Administered
Johnson & Johnson	4897
Moderna	110301
Pfizer	8862
TOTAL	124060

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.

CURRENT 2 WEEK PERIOD: 2/7/2022 - 2/20/2022	PREVIOUS 2 WEEK PERIOD: 1/24/2022 - 2/6/2022	PREVIOUS 7 DAYS: 2/21/2022 - 2/27/2022
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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 2/27/2022 at 4 PM.

**SUBSTANTIAL
SPREAD**

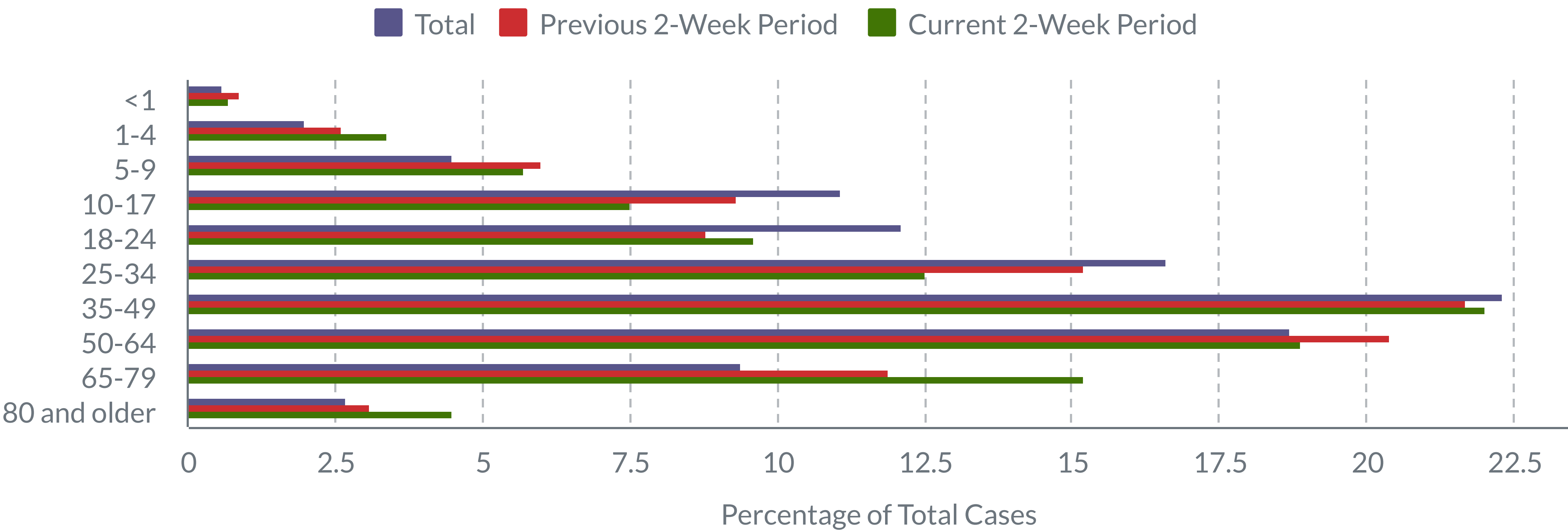
Total Number of Confirmed and Presumptive Cases	121,115
Median Age (Age Range)	37 (0-107 Years)
Hospitalizations	7075 (6%)
Deaths	2382 (2%)
Deaths Median Age (Age Range)	74 (17-104 Years)
Deaths that were Hospitalized	1572 (66%)

190
**Current 14-Day
Incidence Rate**

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 190 per 100,000 population (n=1015; population=530,945)**. The previous 2-week period Incidence Rate was 894 per 100,000 population (n=4778).

County	Total Confirmed Cases as of 2/27/2022	Total Presumptive Cases as of 2/27/2022	Total Presumptive and Confirmed Cases 2/27/2022	Total Presumptive and Confirmed Cases 2/20/2022	Percent Change Between 2/20/2022- 2/27/2022	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	7,271	2199	9470	9460	0.1%	462	222
Bibb	28,674	8,000	36674	36600	0.2%	2803	743
Crawford	1187	583	1770	1767	0.2%	124	52
Hancock	1363	198	1561	1556	0.3%	135	87
Houston	22,961	16,126	39087	38988	0.3%	1546	469
Jasper	1662	1445	3107	3096	0.4%	177	68
Jones	3,701	1305	5006	4997	0.2%	326	105
Monroe	3,873	1965	5838	5809	0.5%	328	165
Peach	3,655	2420	6075	6050	0.4%	357	120
Putnam	3,619	820	4439	4422	0.4%	288	100
Twiggs	1036	487	1523	1519	0.3%	169	67
Washington	3,225	1115	4340	4323	0.4%	192	132
Wilkinson	1636	589	2225	2226	0.0%	168	52
Total	83863	37252	121115	120813	0.2%	7075	2382

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

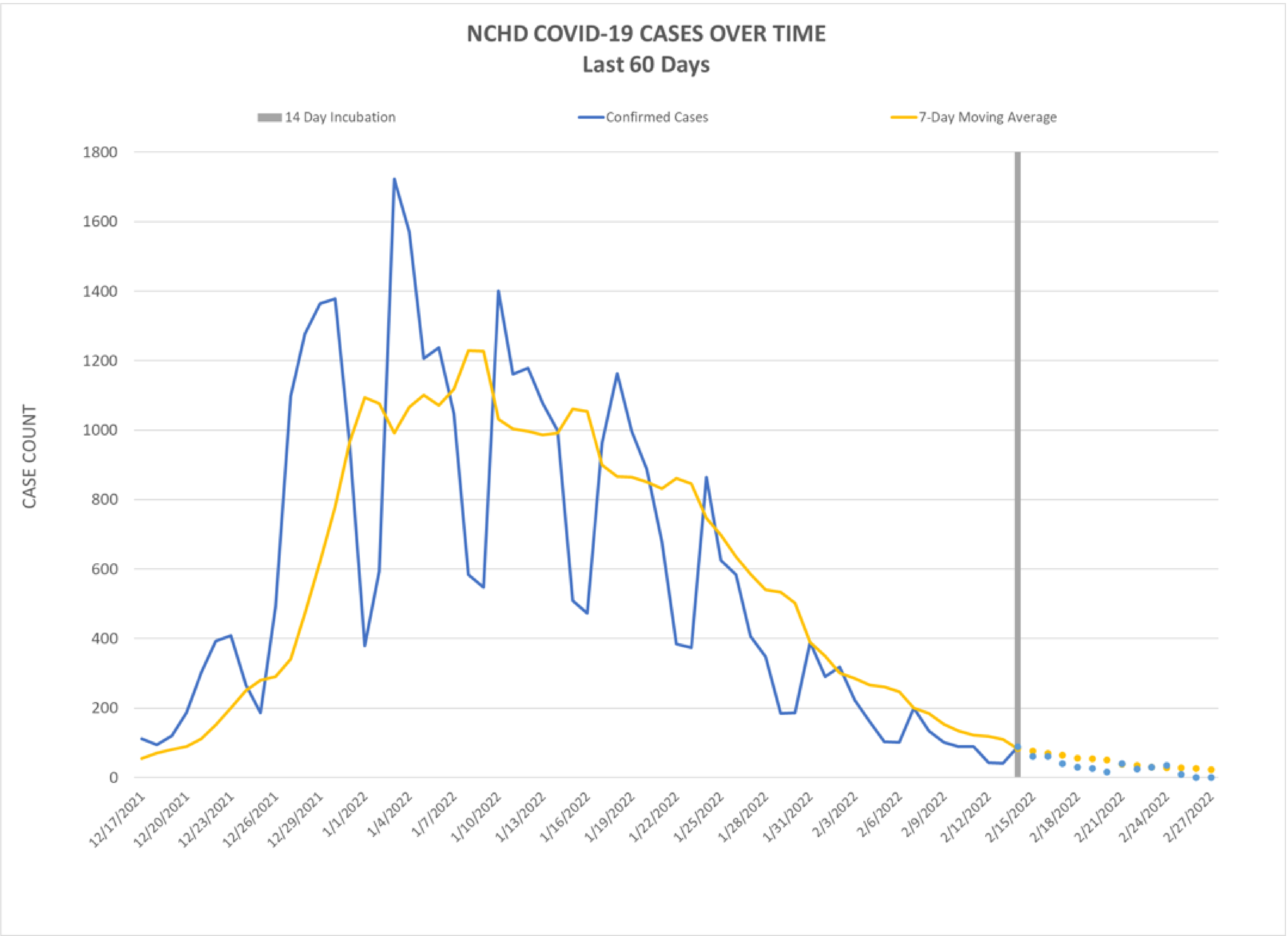
County Data - Incidence Rate

GEOGRAPHY	1/24/2022 - 2/6/2022			2/7/2022 - 2/20/2022			%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	373	831	32%	91	203	17%	-68%	Substantial
BIBB	1226	800	19%	265	173	5%	-70%	Substantial
CRAWFORD	115	927	40%	20	161	15%	-71%	Substantial
HANCOCK	51	603	26%	17	201	11%	-49%	Substantial
HOUSTON	1787	1132	30%	353	224	11%	-77%	Substantial
JASPER	103	724	30%	23	162	8%	-71%	Substantial
JONES	245	853	33%	46	160	11%	-66%	Substantial
MONROE	183	664	26%	39	141	12%	-82%	Substantial
PEACH	237	860	31%	61	221	12%	-73%	Substantial
PUTNAM	140	633	34%	36	163	13%	-76%	Substantial
TWIGGS	58	714	25%	31	382	12%	-66%	Substantial
WASHINGTON	161	790	31%	27	133	13%	-85%	Substantial
WILKINSON	99	1106	33%	24	268	13%	-70%	Substantial
Total	4778	894	26%	1015	190	9%	-74%	Substantial

County Data Resources

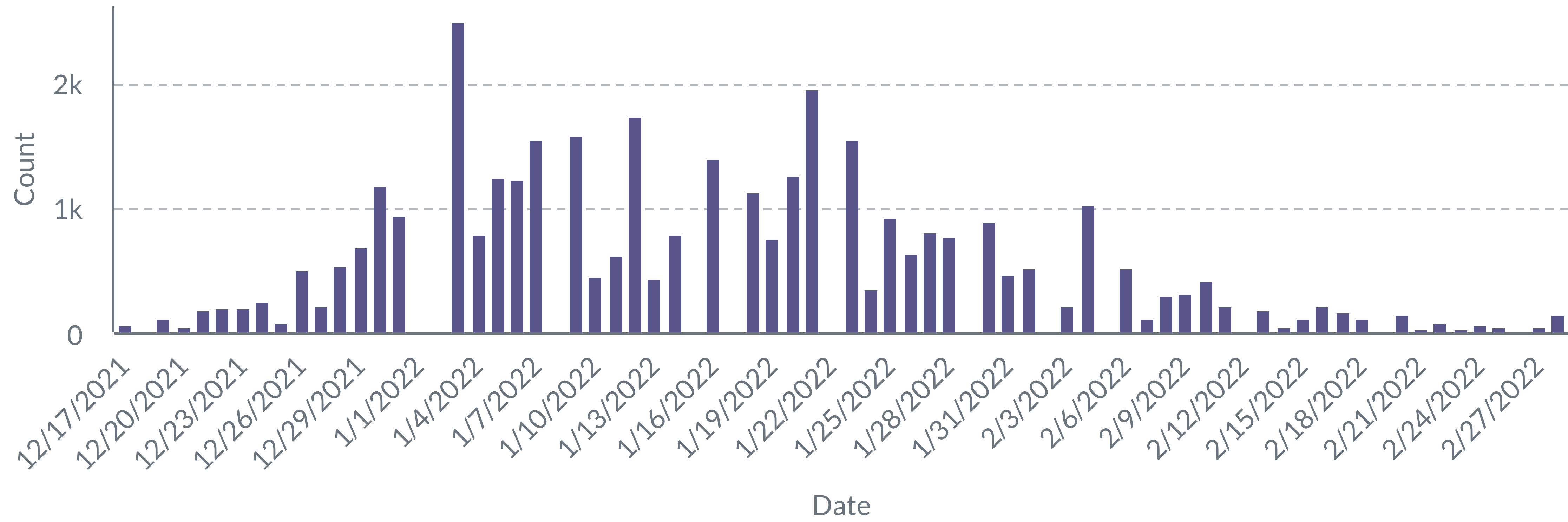
Use the resources here to access additional county level information used in previous operations summaries.

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

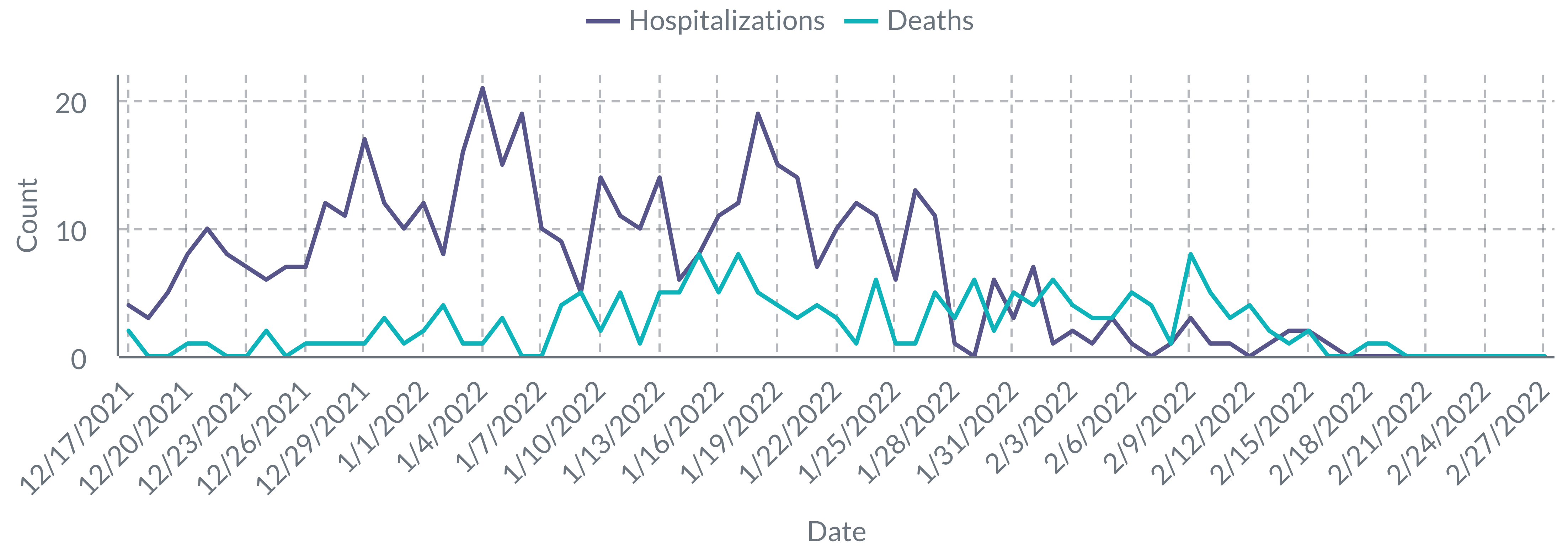


* 14-day window – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test results may still be pending.

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 2/11/2022**. 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 88551 cases reported between 1/1/2021 - 2/11/2022.

Vaccination Status	Positive Cases	Hospitalizations*	Deaths
Unknown/Unvaccinated	66,586 (75%)	3,267 (82%)	1000 (81%)
Partially Vaccinated	3,829 (4%)	240 (6%)	84 (7%)
Fully Vaccinated	15,952 (18%)	437 (11%)	137 (10%)
Fully Vaccinated with Additional/ Booster Dose	2,659 (3%)	58 (1%)	23 (2%)
Grand Total	89,026 (100%)	4,002 (100%)	1,244 (100%)

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

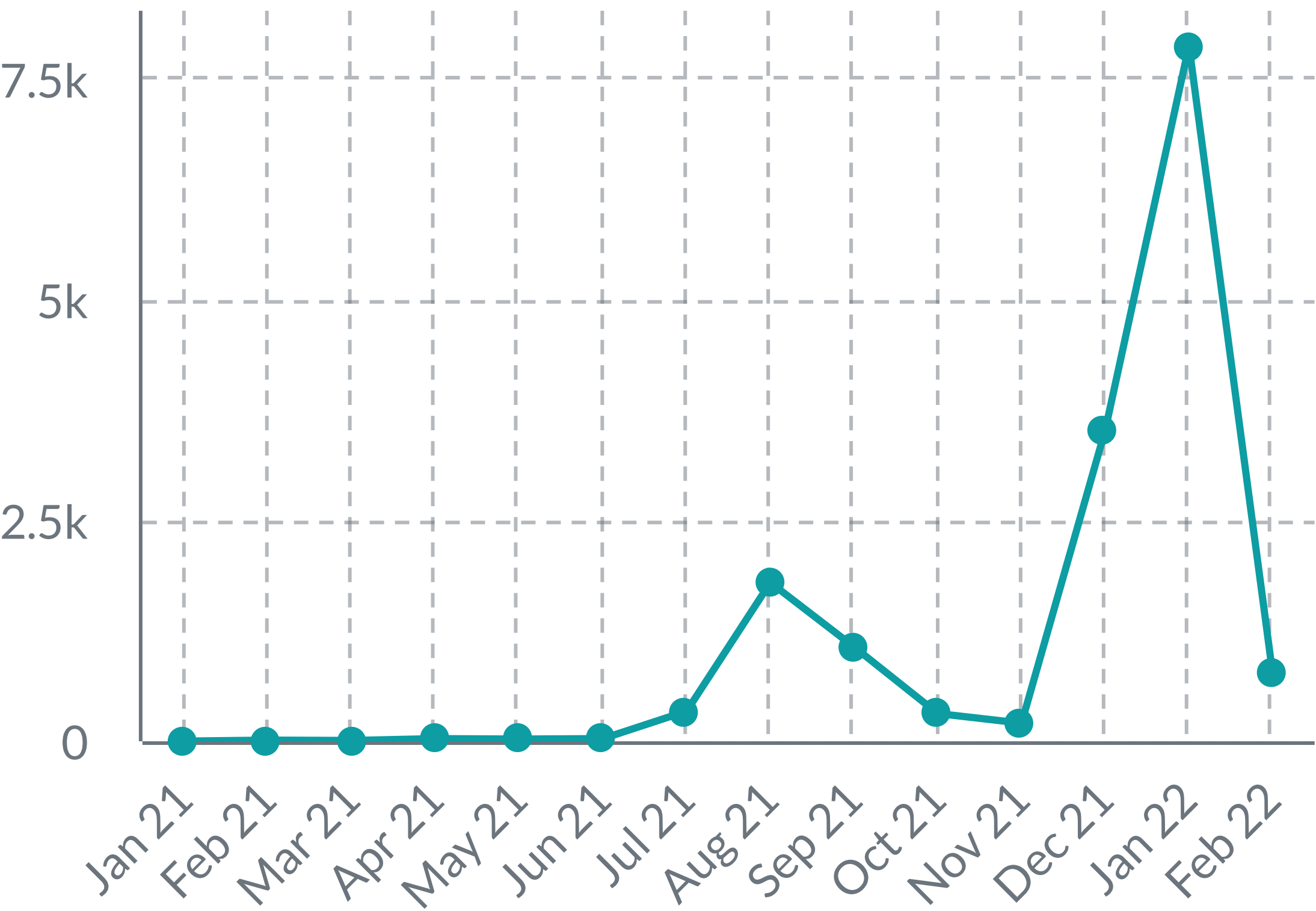
18%

Of the 88551 cases within NCHD since January 2021, **18% were fully vaccinated, 4% were partially vaccinated, and 75% were either unvaccinated or had an unknown vaccination status.**

76%

75% of the breakthrough infections within NCHD have occurred between Dec 2021 and Feb 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	6,327	1254	20%
Bibb	26,712	4,740	18%
Crawford	1355	241	18%
Hancock	894	197	22%
Houston	30,538	5,656	19%
Jasper	2,269	324	14%
Jones	3,807	741	19%
Monroe	4,121	638	15%
Peach	4,476	750	17%
Putnam	3,043	517	17%
Twiggs	1056	187	18%
Washington	2,856	446	16%
Wilkinson	1572	261	17%
Total	89,026	15,952	18%

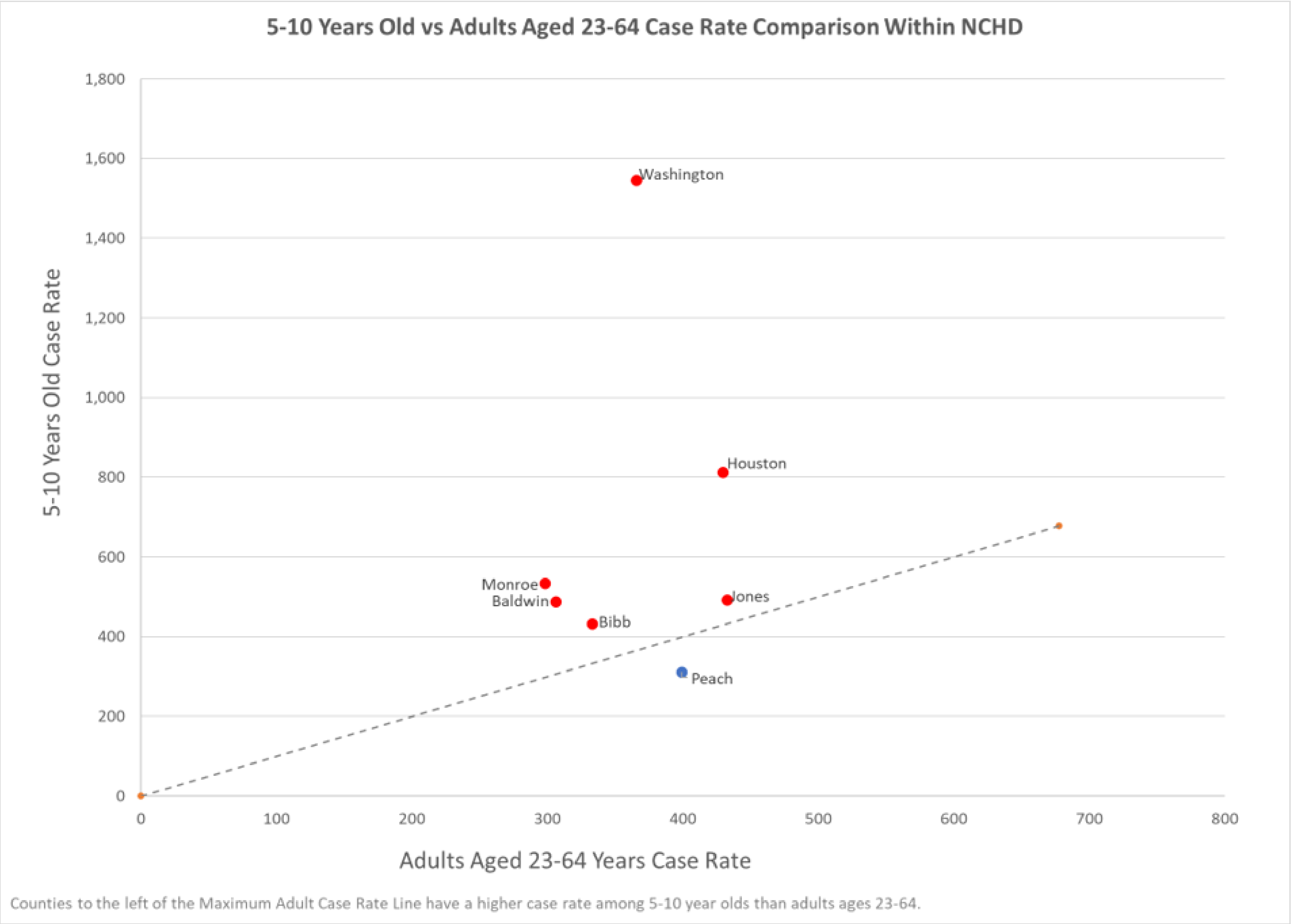
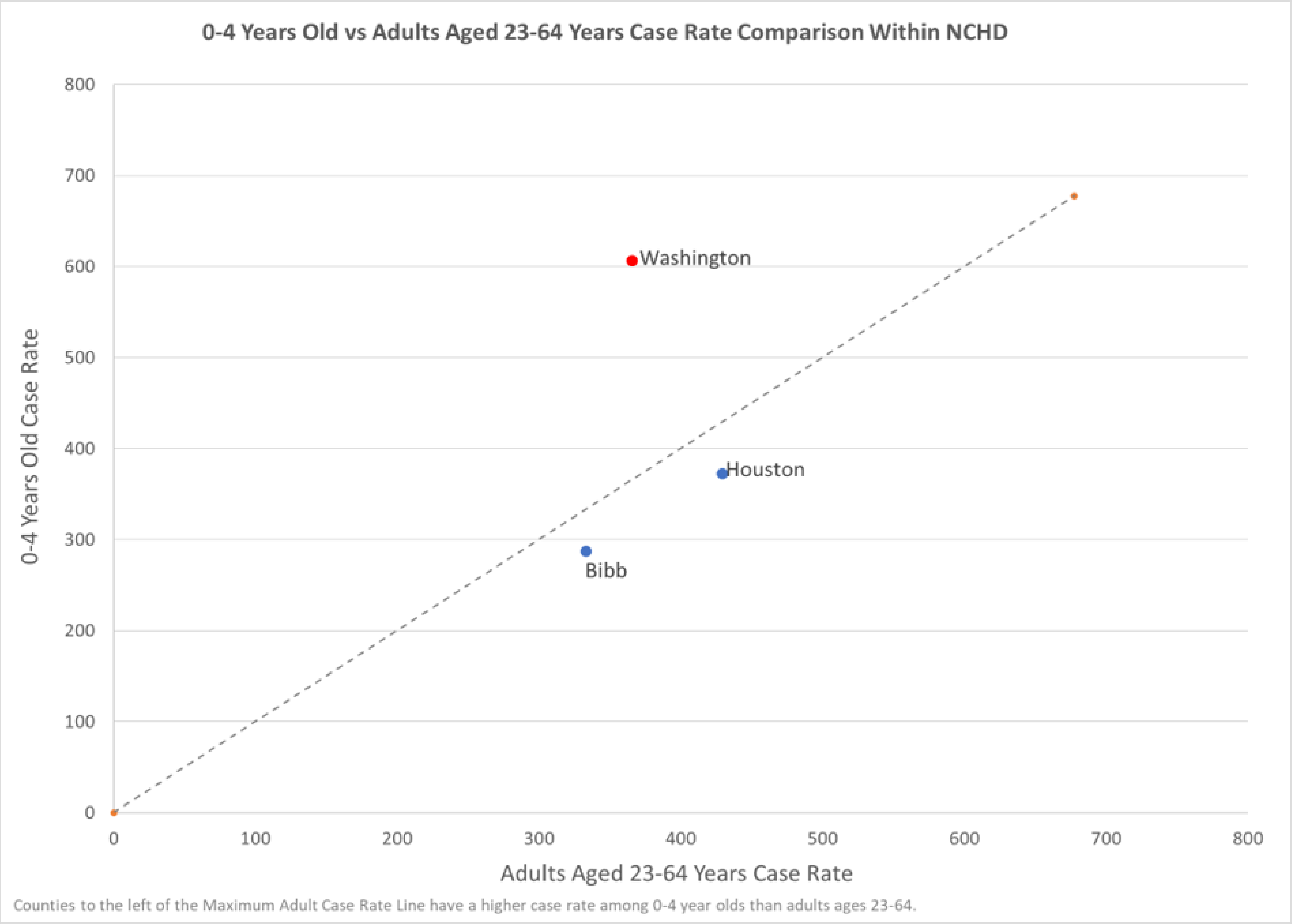
The average number of days between the date the last dose of the vaccine was given and the first positive COVID-19 antigen or PCR laboratory result post-vaccination for fully vaccinated individuals that meet a breakthrough case definition within NCHD by 2/11/2022 is **198 days**. Range is between **14 days and 392 days**.

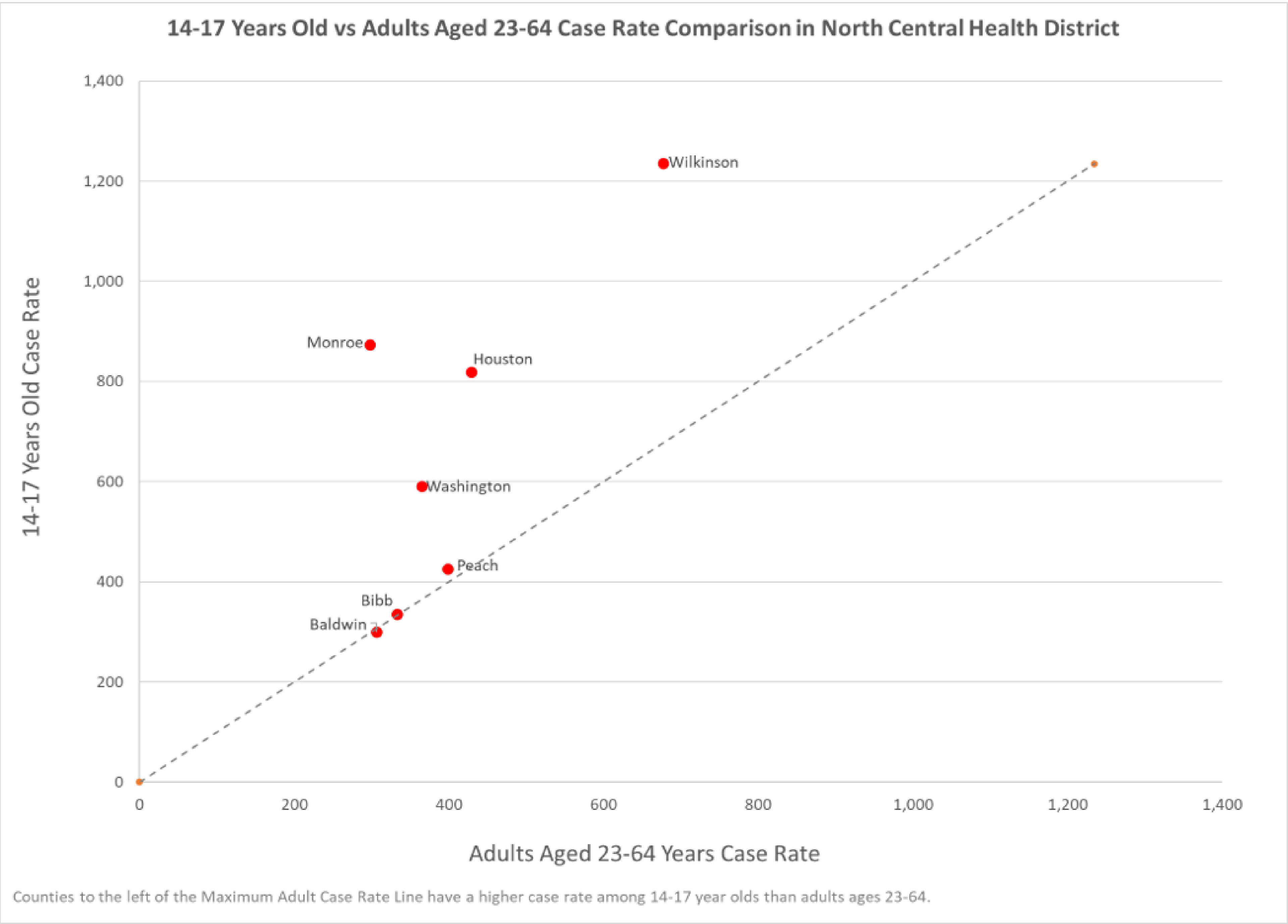
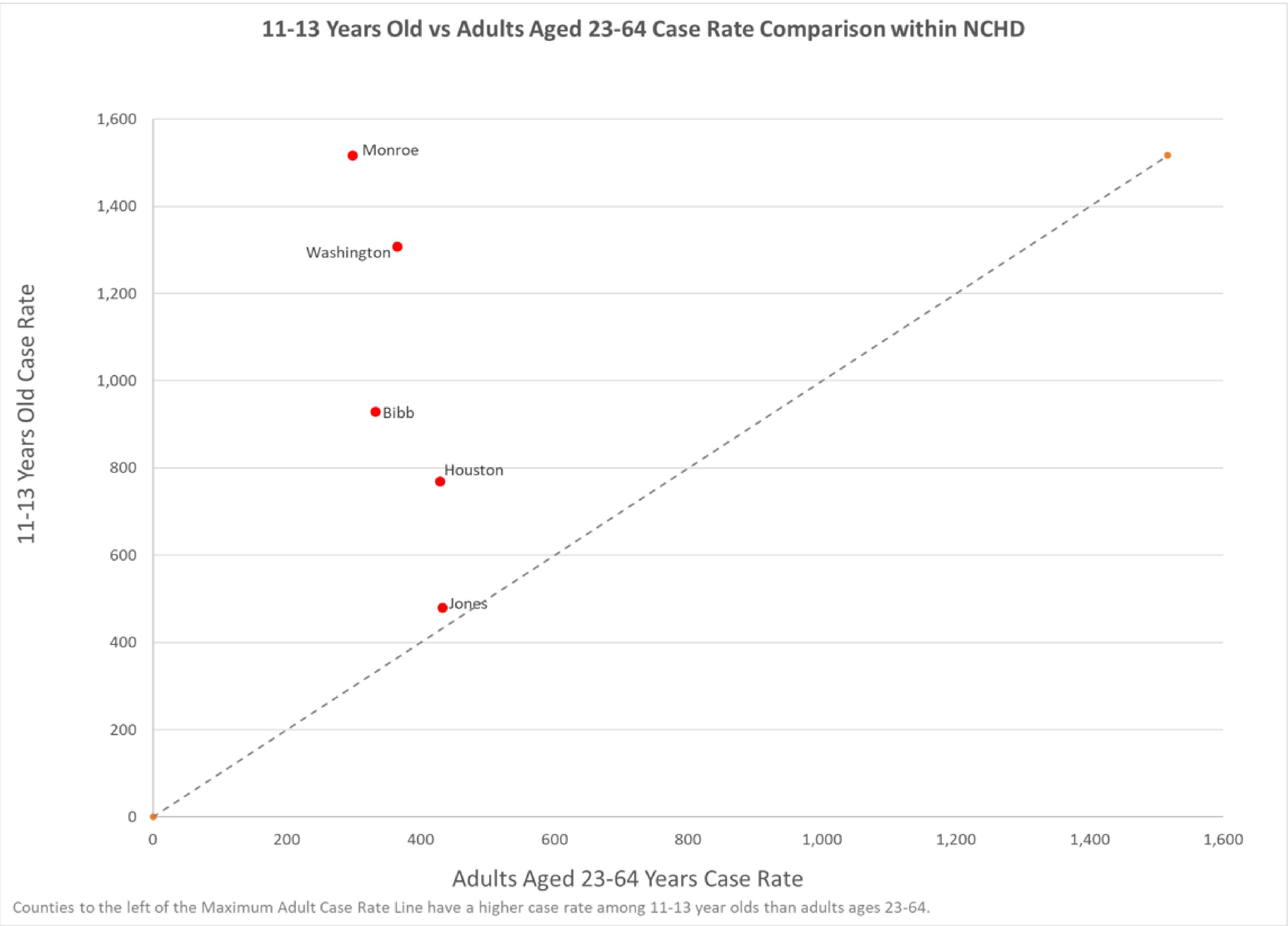
- Unknown: PUIs in this group have no matching vaccine data that correspond to their positive date OR they have vaccine data from after their positive result. The vast majority are most likely unvaccinated at the time of their positive and we report them as unvaccinated in our reports.
- Partially Vaccinated: 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.

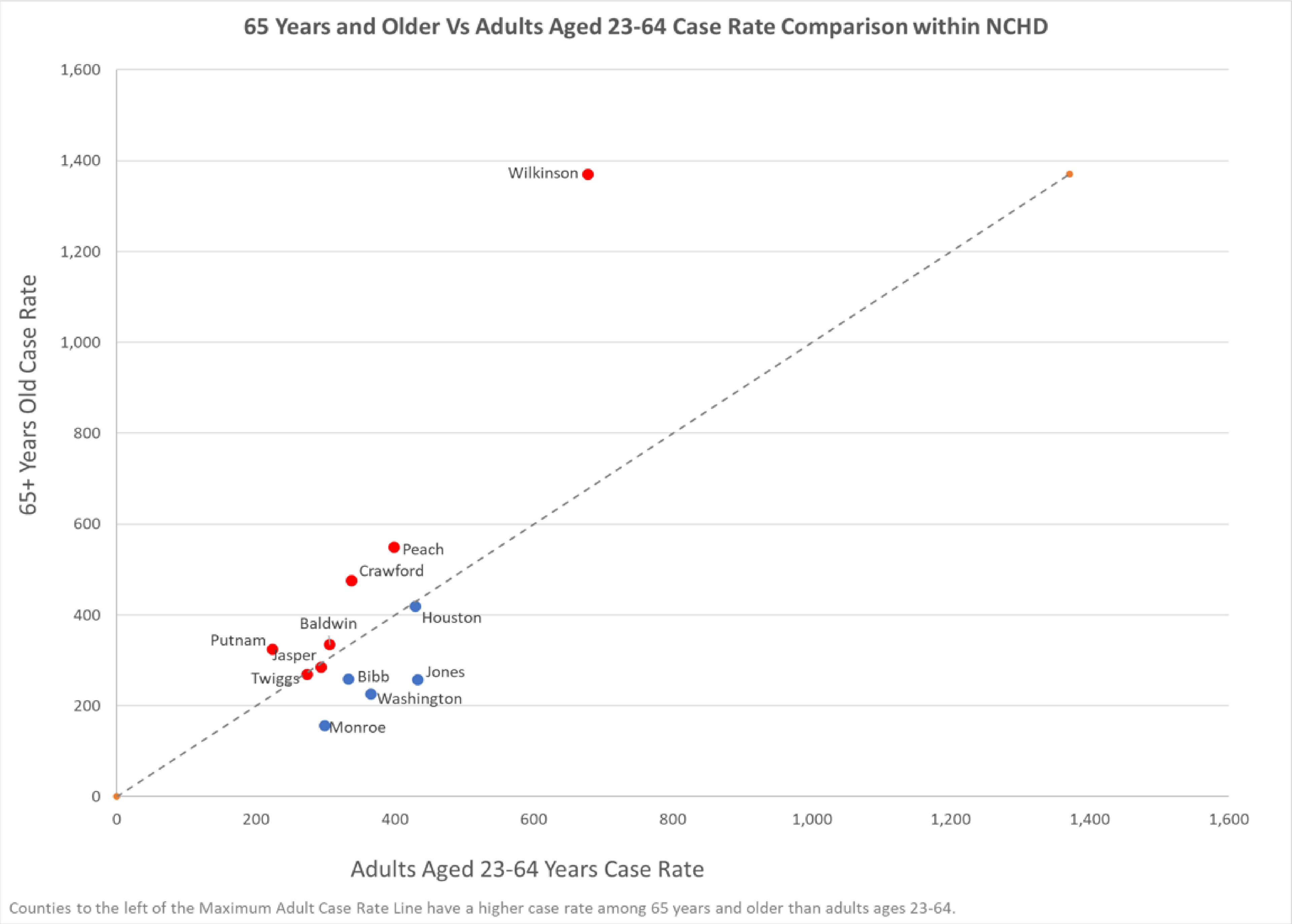
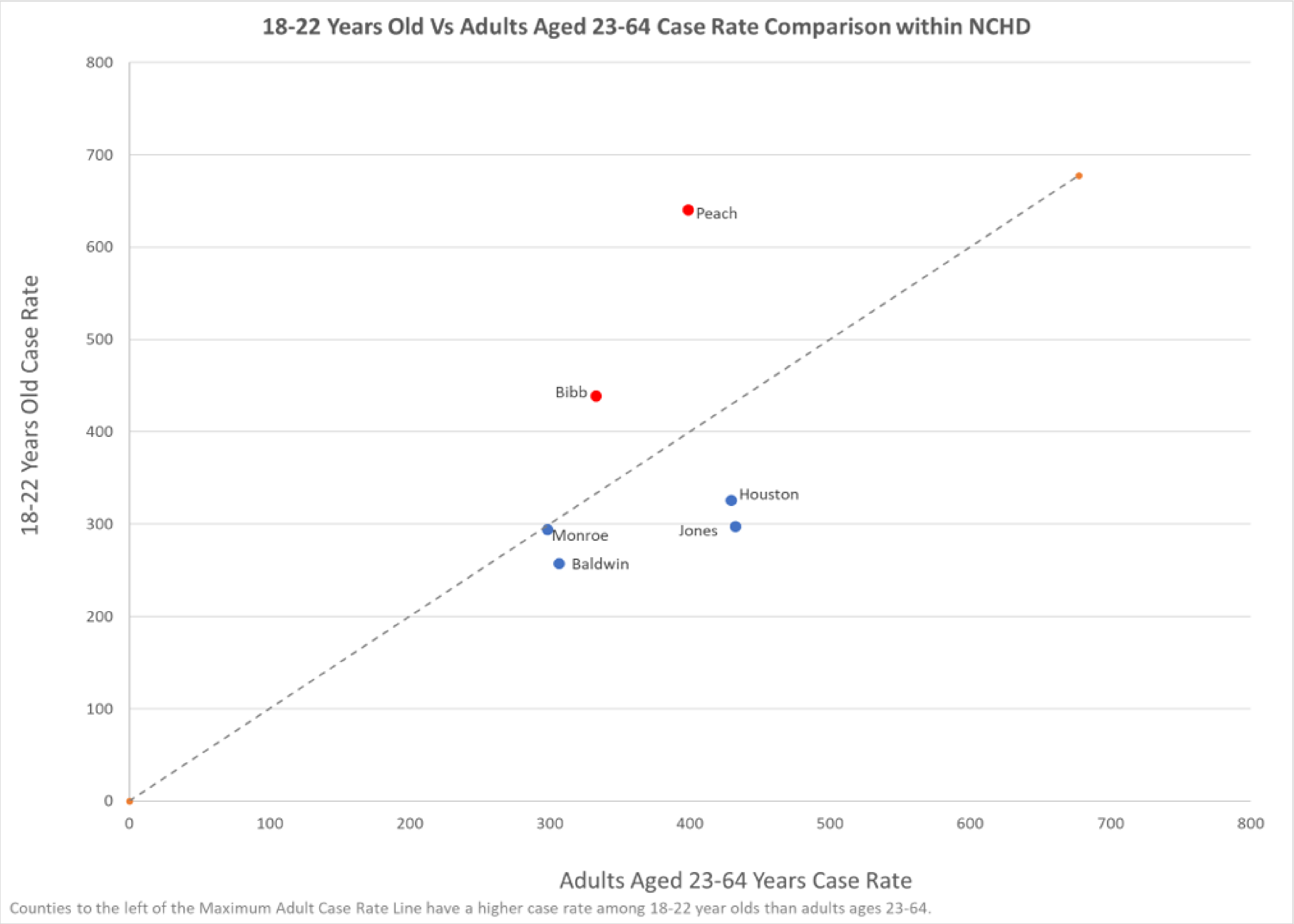
School-Age COVID-19 Rates

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 2/14/2022 - 2/27/2022.







THE END