

North Central Health District COVID-19 Operational Summary



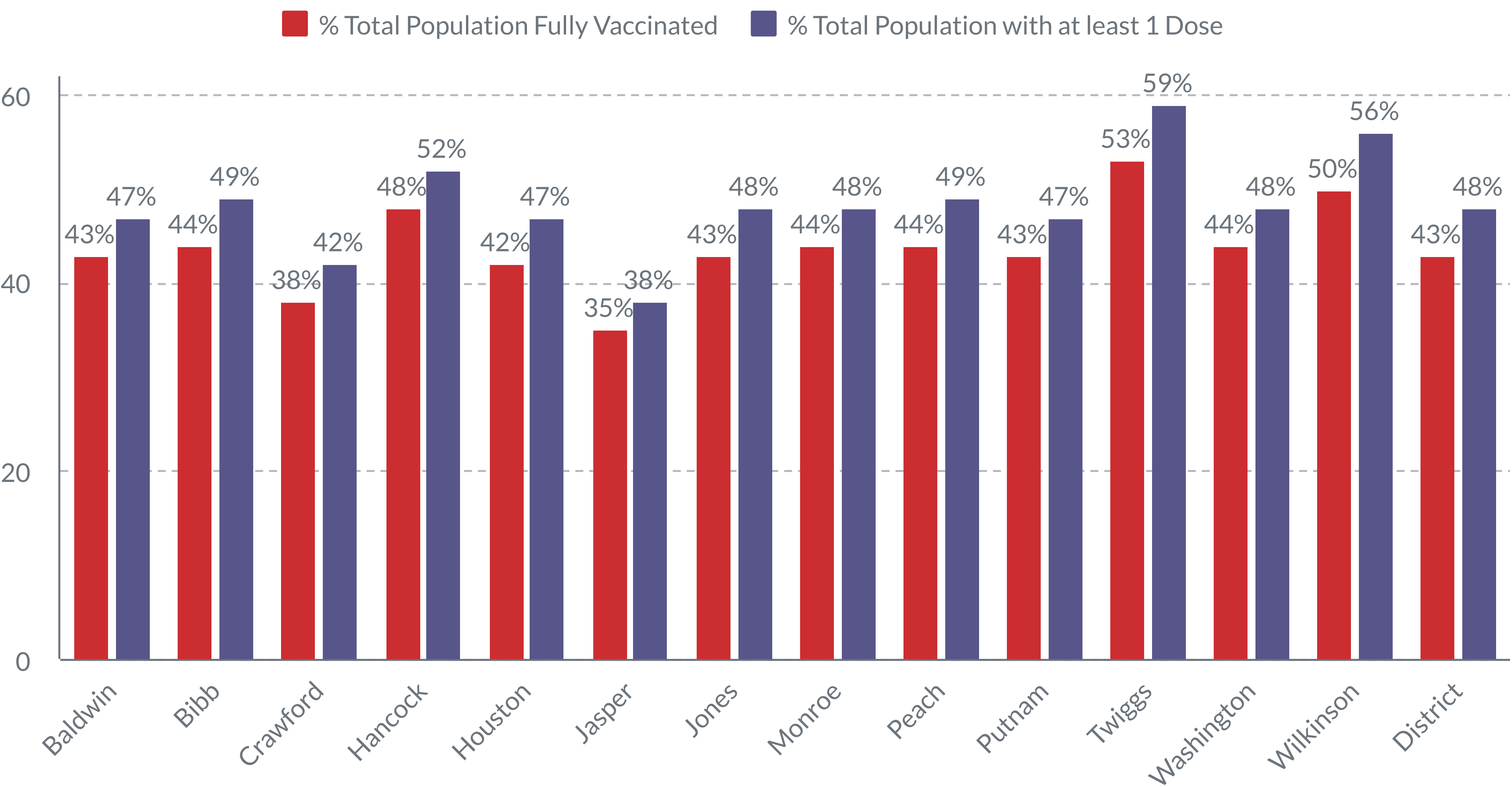
November 8, 2021

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 11/9/2021 at 4 PM.

Vaccination Status by County



Vaccine Brand	Doses
Johnson & Johnson Total	4303
• 2nd dose J&J	97
Moderna Total	94345
• 2nd dose Moderna	45554
• additional dose/booster	418
Pfizer Total	3226
• 2nd dose Pfizer	1194
• additional dose/booster	508
Total Doses Administered	101874

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:	PREVIOUS 2 WEEK PERIOD:	PREVIOUS 7 DAYS:
10/18/2021 - 10/31/2021	10/4/2021 - 10/17/2021	11/1/2021 - 11/7/2021

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 11/7/2021 at 4 PM.

**MODERATE
SPREAD**

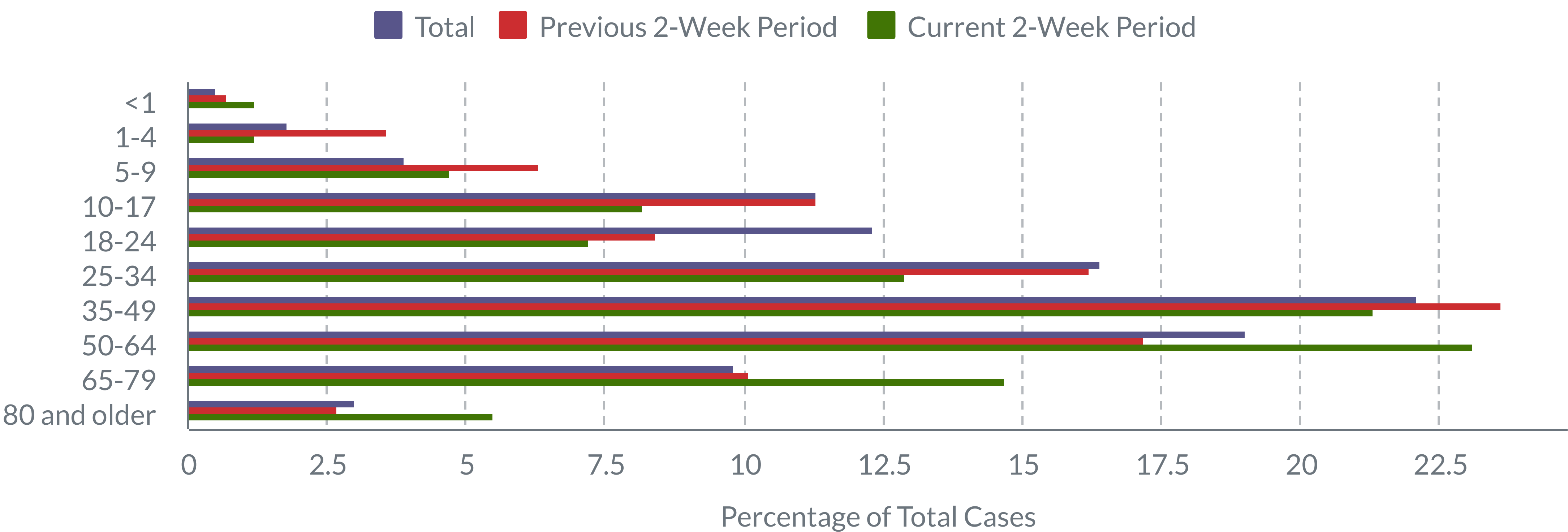
Total Number of Confirmed and Presumptive Cases	82,759
Median Age (Age Range)	37 (0-116 Years)
Hospitalizations	6127 (7.4%)
Deaths	2059 (2.5%)
Deaths Median Age (Age Range)	74 (16-104 Years)
Deaths that were Hospitalized	1358 (66%)

96
**Current 14-Day
Incidence Rate**

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 96 per 100,000 population (n=512; population=530,945)**. The previous 2-week period Incidence Rate was 161 per 100,000 population (n=861).

County	Total Confirmed Cases as of 11/7/2021	Total Presumptive Cases as of 11/7/2021	Total Presumptive and Confirmed Cases 11/7/2021	Total Presumptive and Confirmed Cases 10/31/2021	Percent Change Between 10/31/2021-11/7/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	5,260	1452	6712	6685	0.4%	420	192
Bibb	20,274	5,434	25708	25534	0.7%	2409	638
Crawford	833	306	1139	1136	0.3%	106	43
Hancock	998	127	1125	1122	0.3%	126	82
Houston	16,038	9,037	25075	24949	0.5%	1358	386
Jasper	1029	1114	2143	2131	0.6%	120	60
Jones	2,592	886	3478	3440	1.1%	270	94
Monroe	2,783	1431	4214	4180	0.8%	290	149
Peach	2,667	1441	4108	4078	0.7%	321	104
Putnam	2,601	637	3238	3226	0.4%	239	83
Twiggs	754	336	1090	1083	0.6%	141	62
Washington	2,360	862	3222	3218	0.1%	174	121
Wilkinson	1105	402	1507	1501	0.4%	153	45
Total	59294	23465	82759	82283	0.6%	6127	2059

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

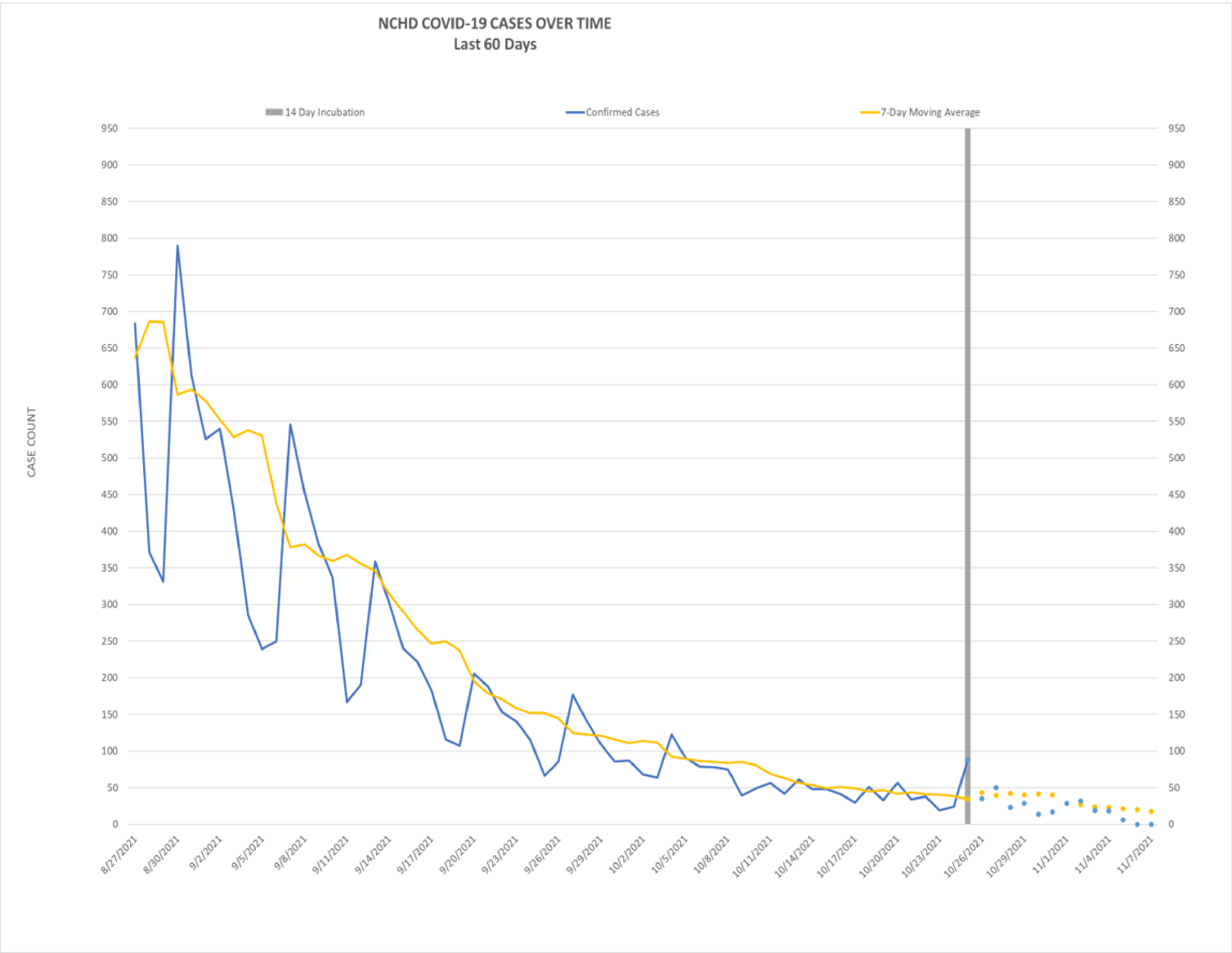
County Data - Incidence Rate

GEOGRAPHY	10/4/2021 - 10/17/2021			10/18/2021 - 10/31/2021			%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	68	151	10%	32	71	7%	-53%	Moderate
BIBB	217	142	8%	203	133	5%	-6%	Substantial
CRAWFORD	18	145	21%	8	64	8%	-56%	Moderate
HANCOCK	5	59	5%	1	12	0%	-80%	Minimal
HOUSTON	308	195	7%	127	80	4%	-59%	Moderate
JASPER	21	148	9%	19	134	7%	-10%	Substantial
JONES	24	84	8%	28	97	7%	17%	Moderate
MONROE	68	247	12%	23	83	5%	-66%	Moderate
PEACH	30	109	5%	28	102	7%	-7%	Substantial
PUTNAM	34	154	7%	18	81	4%	-47%	Moderate
TWIGGS	12	148	8%	6	74	8%	-50%	Moderate
WASHINGTON	41	201	13%	12	59	7%	-71%	Moderate
WILKINSON	15	168	5%	7	78	4%	-53%	Moderate
Total	861	161	8%	512	96	5%	-41%	Moderate

County Data Resources

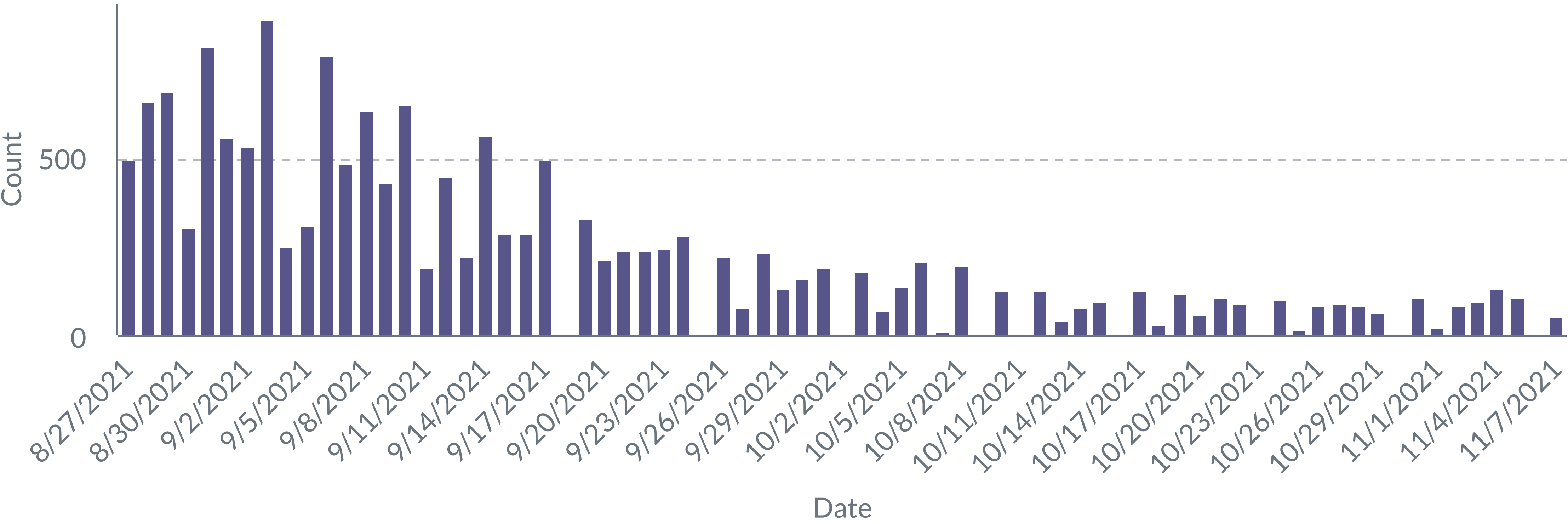
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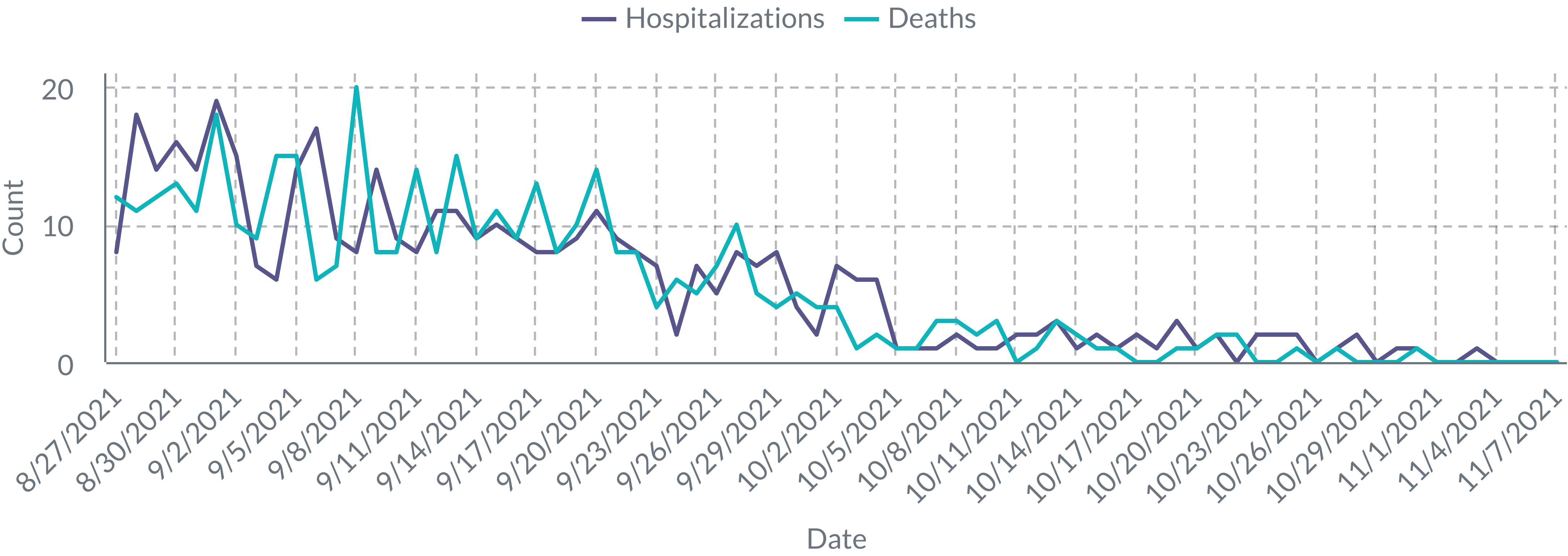


* 14-day window – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test results may still be pending.

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 10/29/2021**. 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.

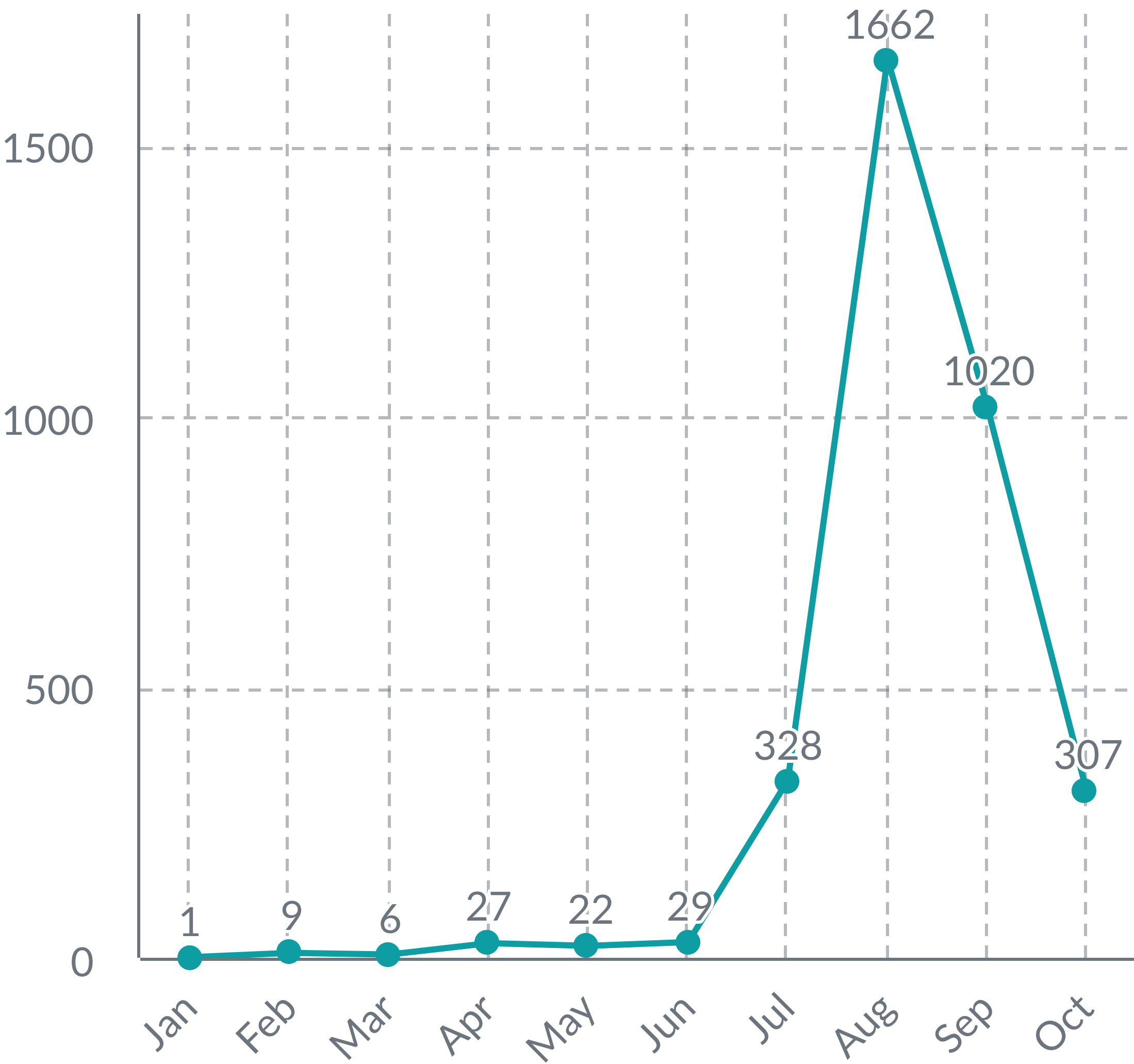
The following is based on the 49136 cases reported between 1/1/2021 - 10/29/2021.

Vaccination Status	Positive Cases	Hospitalizations*	Deaths
Unknown/Unvaccinated	44,606 (91%)	2,644 (91%)	804 (86%)
Partially Vaccinated	1,099 (2%)	115 (4%)	69 (7%)
Fully Vaccinated	3,431 (7%)	164 (5%)	78 (7%)
Grand Total	49,136 (100%)	2,923 (100%)	951 (100%)

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

94% of fully vaccinated deaths were over 50 years old and
93% of fully vaccinated hospitalizations are over 50 years old.

Number of Fully Vaccinated Breakthrough Cases within NCHD



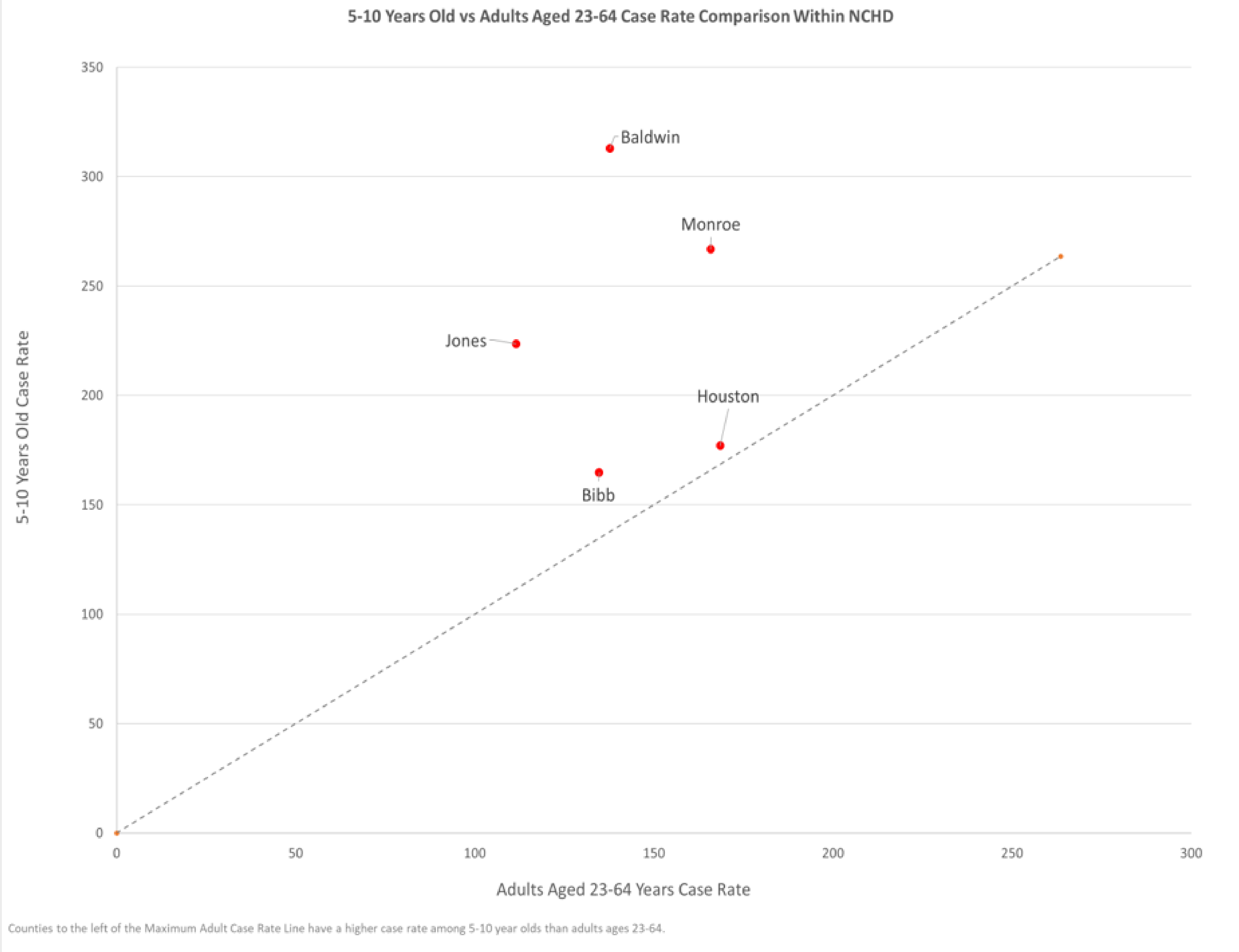
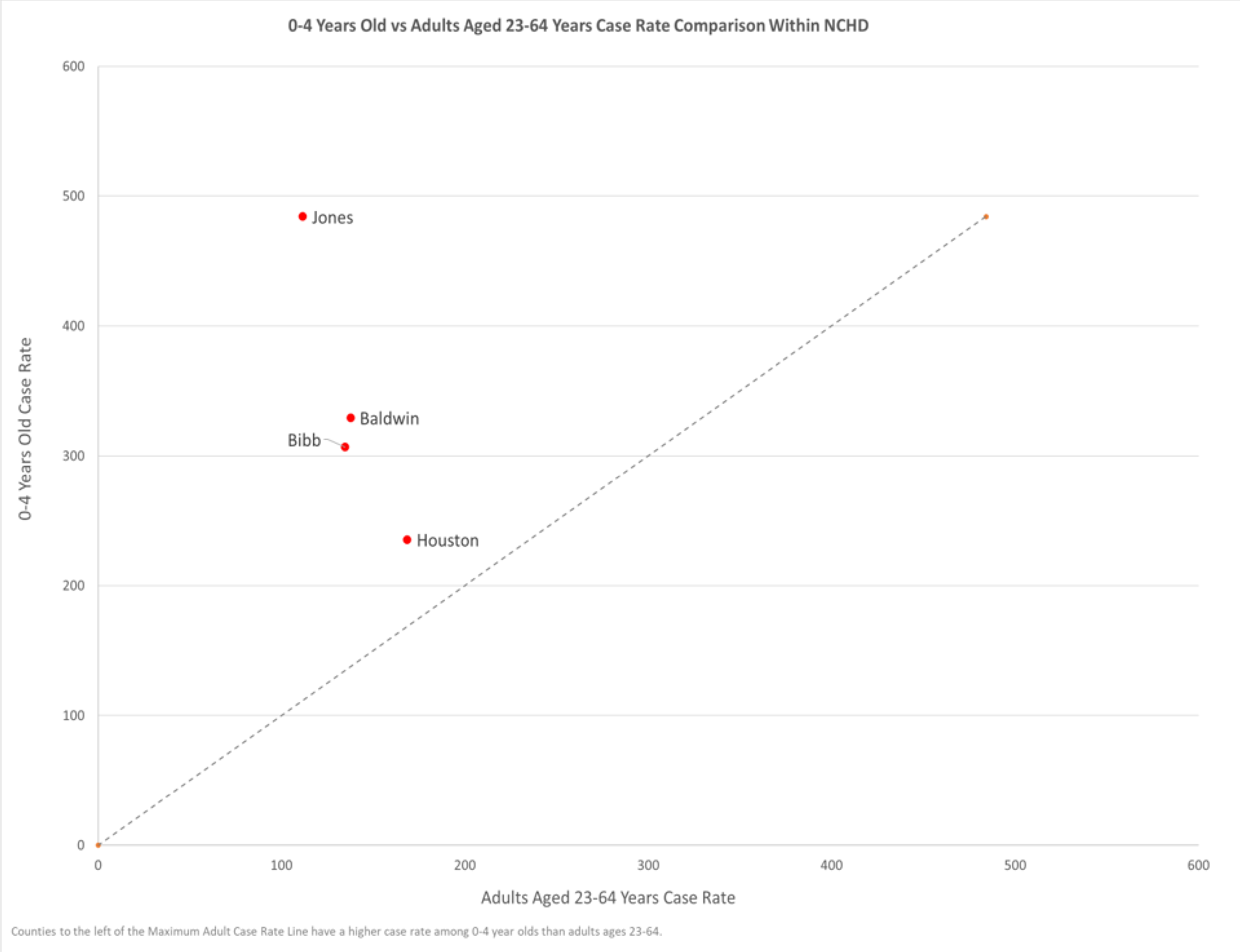
Breakthrough Cases by County			
County	Total Cases	Fully Vaccinated Breakthrough Cases	% Of Total Cases
Baldwin	3,413	296	9%
Bibb	15,026	1,056	7%
Crawford	690	50	7%
Hancock	421	33	8%
Houston	16,300	1,160	7%
Jasper	1,264	70	6%
Jones	2,219	171	8%
Monroe	2,446	144	6%
Peach	2,412	136	6%
Putnam	1,779	126	7%
Twiggs	596	32	5%
Washington	1,730	96	6%
Wilkinson	840	61	7%
Total	49,136	3,431	7%

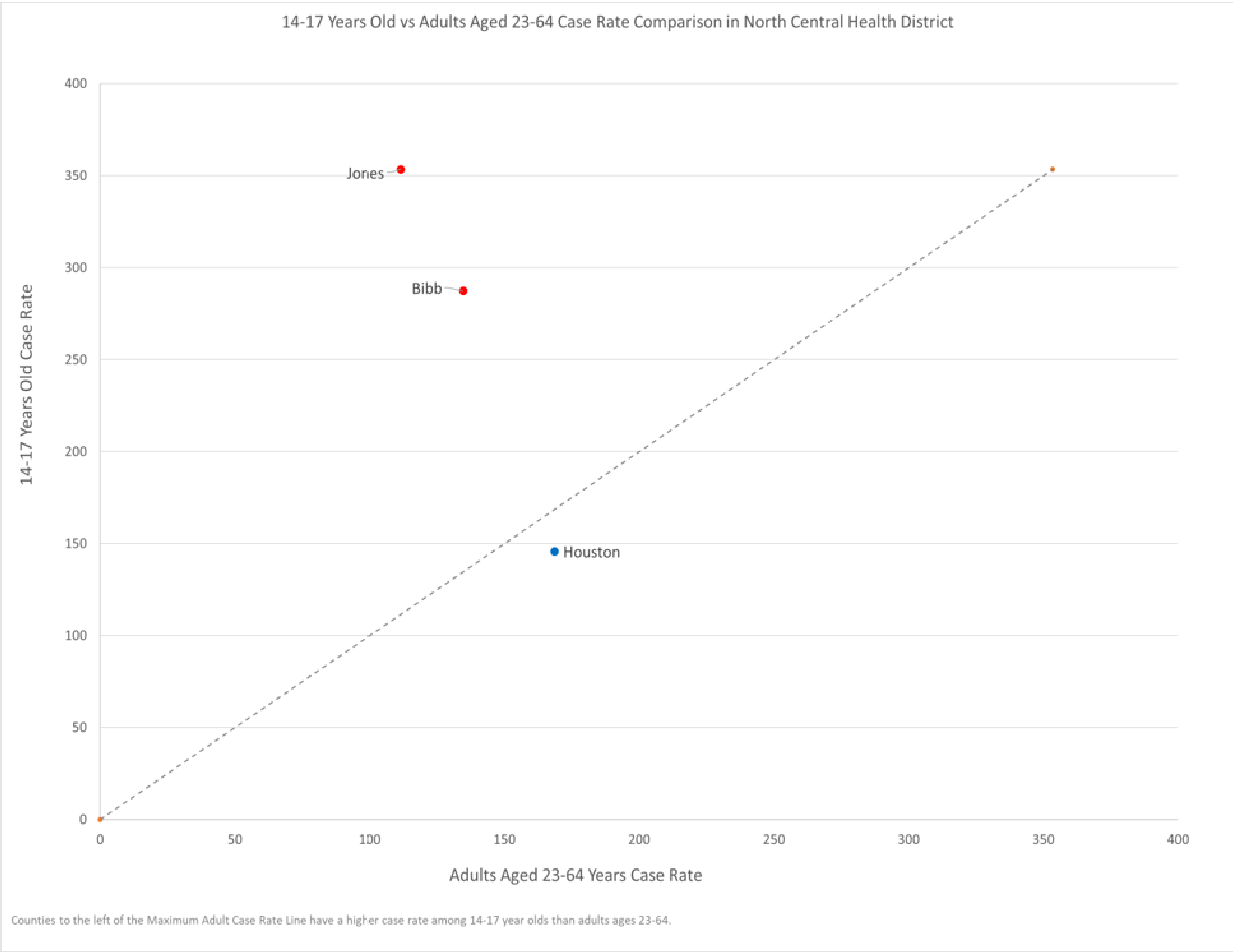
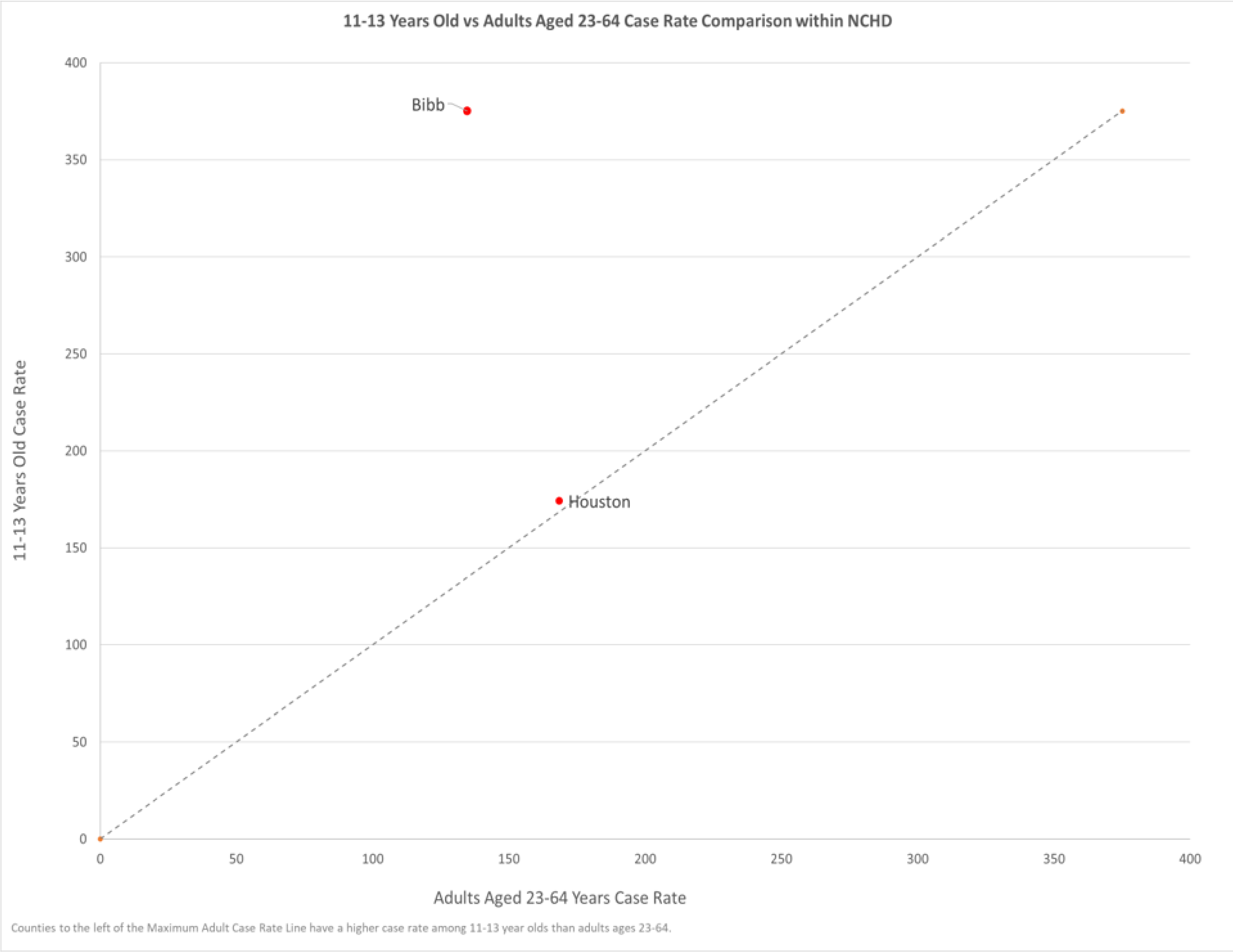
The average number of days between the date the last dose of the vaccine was given and the first positive COVID-19 antigen or PCR laboratory result post-vaccination for fully vaccinated individuals that meet a breakthrough case definition within NCHD by 10/29/2021 is **141 days**. Range is between **15 days and 307 days**.

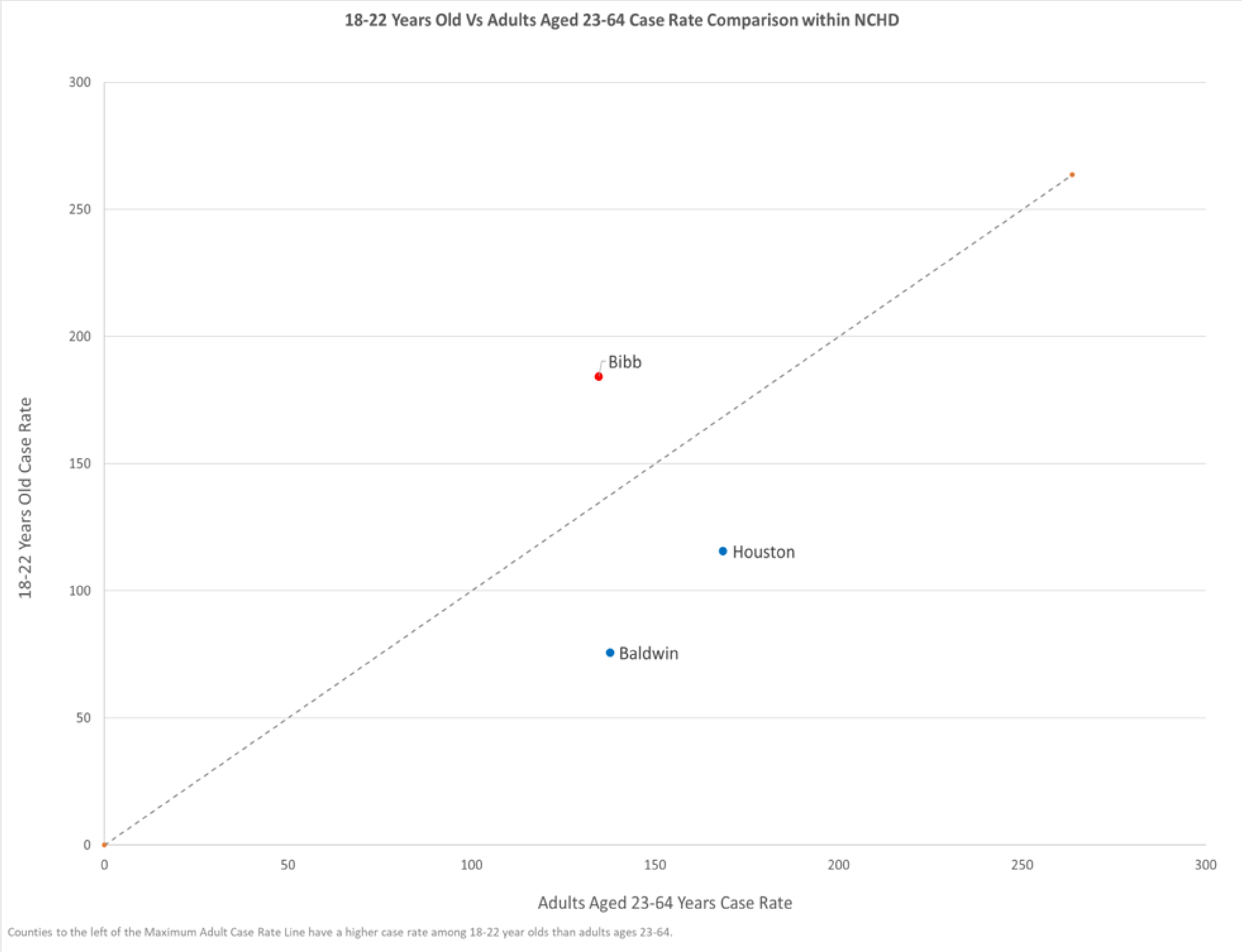
- Unknown: PUIs in this group have no matching vaccine data that correspond to their positive date OR they have vaccine data from after their positive result. The vast majority are most likely unvaccinated at the time of their positive and we report them as unvaccinated in our reports.
- Partially Vaccinated: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









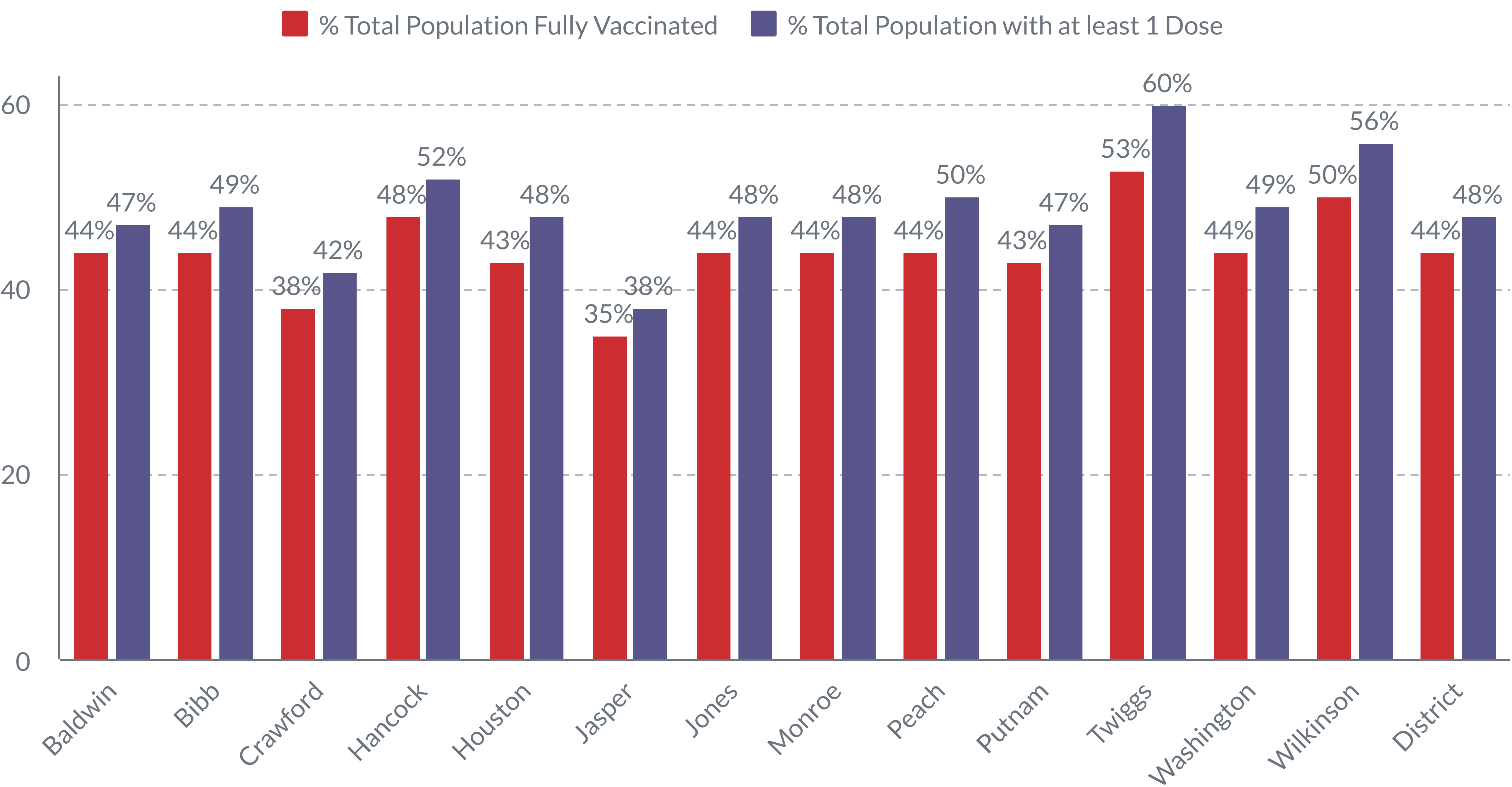
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The information in this portion of the report is accurate as of 11/21/2021 at 4 PM.

Vaccination Status by County



Vaccine Brand	Doses
Johnson & Johnson Total	4442
• Booster J&J	205
Moderna Total	100866
• 2nd dose Moderna	45637
• additional dose/booster	6793
Pfizer Total	3727
• 2nd dose Pfizer	1269
• additional dose/booster	723
• Pediatric dose	126
Total Doses Administered	109035

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- 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.
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CURRENT 2 WEEK PERIOD: 11/1/2021 - 11/14/2021	PREVIOUS 2 WEEK PERIOD: 10/18/2021 - 10/31/2021	PREVIOUS 7 DAYS: 11/15/2021 - 11/21/2021
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Epidemiology - Overview

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**MODERATE
SPREAD**

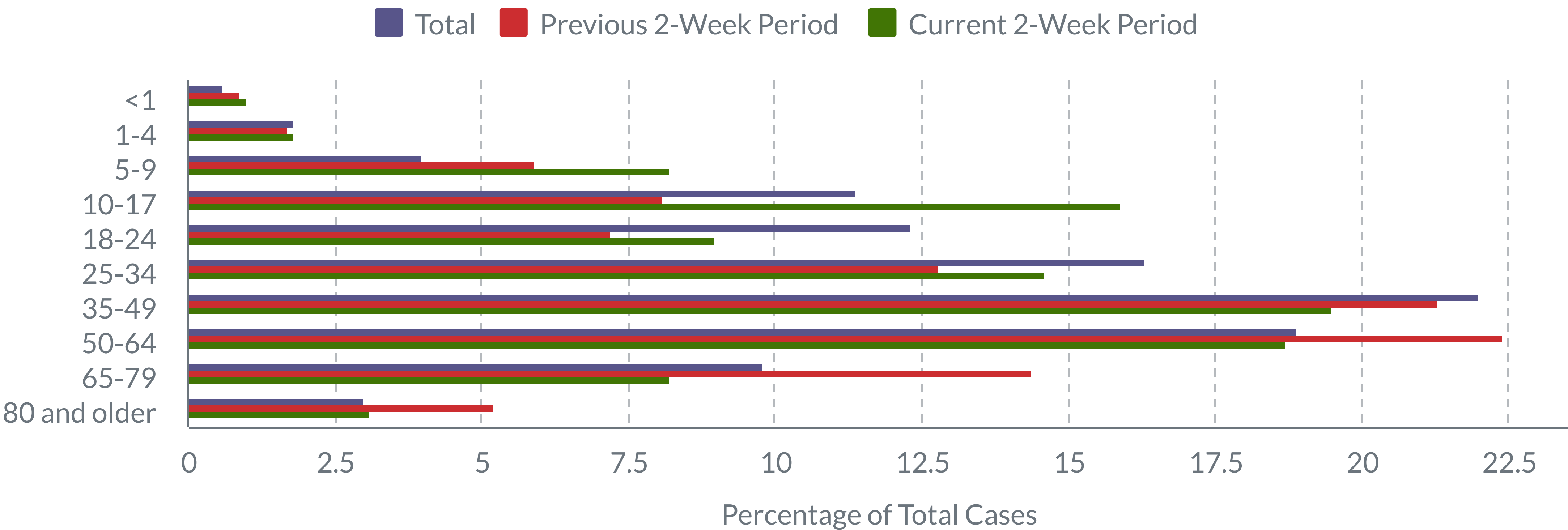
Total Number of Confirmed and Presumptive Cases	83,765
Median Age (Age Range)	37 (0-107 Years)
Hospitalizations	6237 (7.5%)
Deaths	2108 (2.5%)
Deaths Median Age (Age Range)	74 (17-104 Years)
Deaths that were Hospitalized	1403 (66.6%)

73
**Current 14-Day
Incidence Rate**

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 73 per 100,000 population (n=390; population=530,945)**. The previous 2-week period Incidence Rate was 101 per 100,000 population (n=541).

County	Total Confirmed Cases as of 11/21/2021	Total Presumptive Cases as of 11/21/2021	Total Presumptive and Confirmed Cases 11/21/2021	Total Presumptive and Confirmed Cases 11/14/2021	Percent Change Between 11/14/2021 -11/21/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	5,282	1477	6759	6739	0.3%	423	196
Bibb	20,367	5,657	26024	25896	0.5%	2450	652
Crawford	835	320	1155	1151	0.3%	111	45
Hancock	998	130	1128	1126	0.2%	127	82
Houston	16,189	9,240	25429	25311	0.5%	1381	400
Jasper	1044	1124	2168	2155	0.6%	122	60
Jones	2,621	912	3533	3514	0.5%	277	96
Monroe	2,814	1456	4270	4252	0.4%	299	151
Peach	2,699	1476	4175	4147	0.7%	325	110
Putnam	2,620	646	3266	3250	0.5%	244	84
Twiggs	759	347	1106	1098	0.7%	144	62
Washington	2,365	873	3238	3232	0.2%	179	124
Wilkinson	1107	407	1514	1513	0.1%	155	46
Total	59700	24065	83765	83384	0.5%	6237	2108

Age Distribution of Cases



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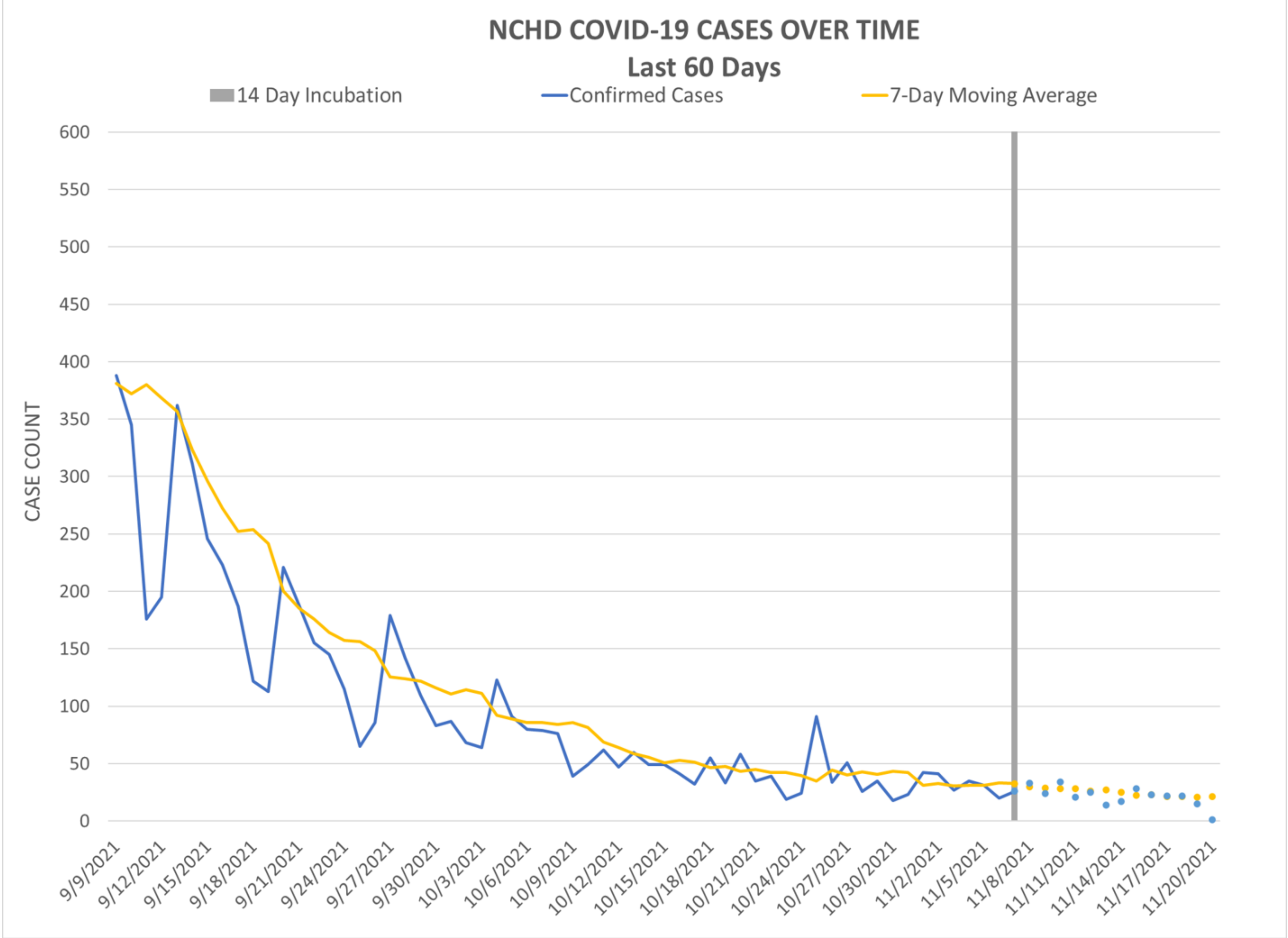
County Data - Incidence Rate

GEOGRAPHY	10/18/2021 - 10/31/2021			11/1/2021 - 11/14/2021			%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	32	71	5%	40	89	3%	25%	Moderate
BIBB	212	138	7%	70	46	3%	-67%	Minimal
CRAWFORD	8	64	7%	2	16	6%	-75%	Minimal
HANCOCK	1	12	7%	3	35	4%	200%	Minimal
HOUSTON	138	87	5%	180	114	4%	30%	Substantial
JASPER	21	148	4%	13	91	3%	-38%	Moderate
JONES	28	97	8%	9	31	1%	-68%	Minimal
MONROE	24	87	7%	25	91	7%	4%	Moderate
PEACH	35	127	0%	20	73	2%	-43%	Moderate
PUTNAM	18	81	4%	15	68	4%	-17%	Moderate
TWIGGS	5	62	8%	3	37	2%	-40%	Minimal
WASHINGTON	12	59	4%	6	29	2%	-50%	Minimal
WILKINSON	7	78	7%	4	45	1%	-43%	Minimal
Total	541	101	5%	390	73	4%	-28%	Moderate

County Data Resources

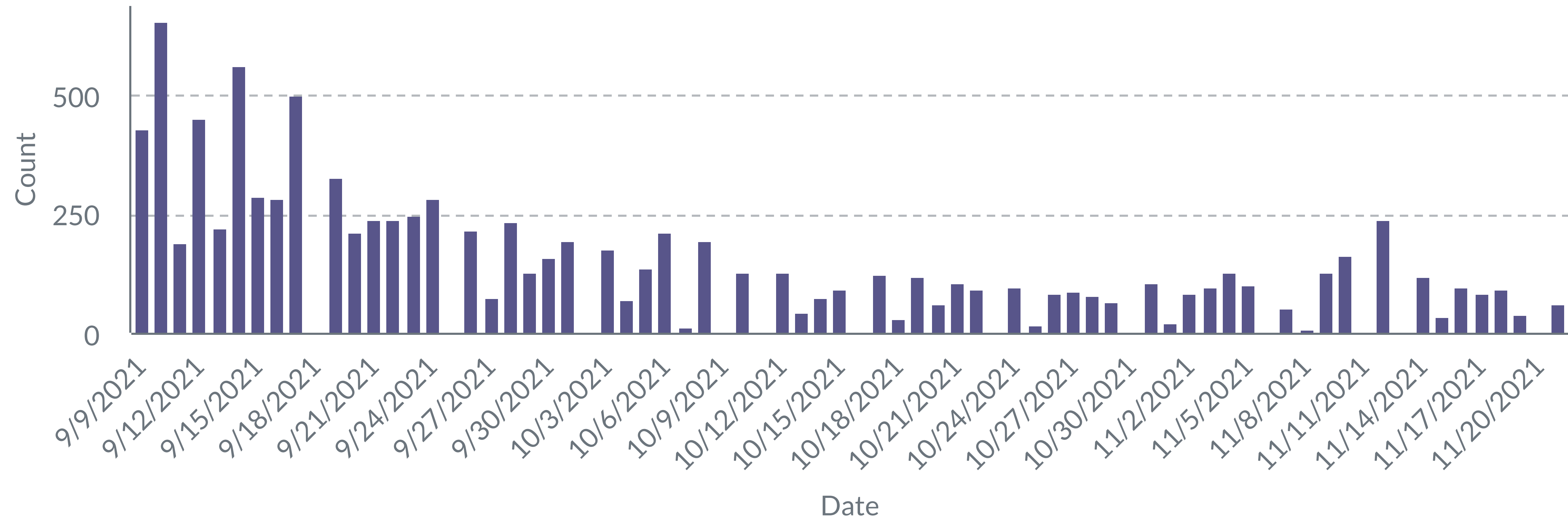
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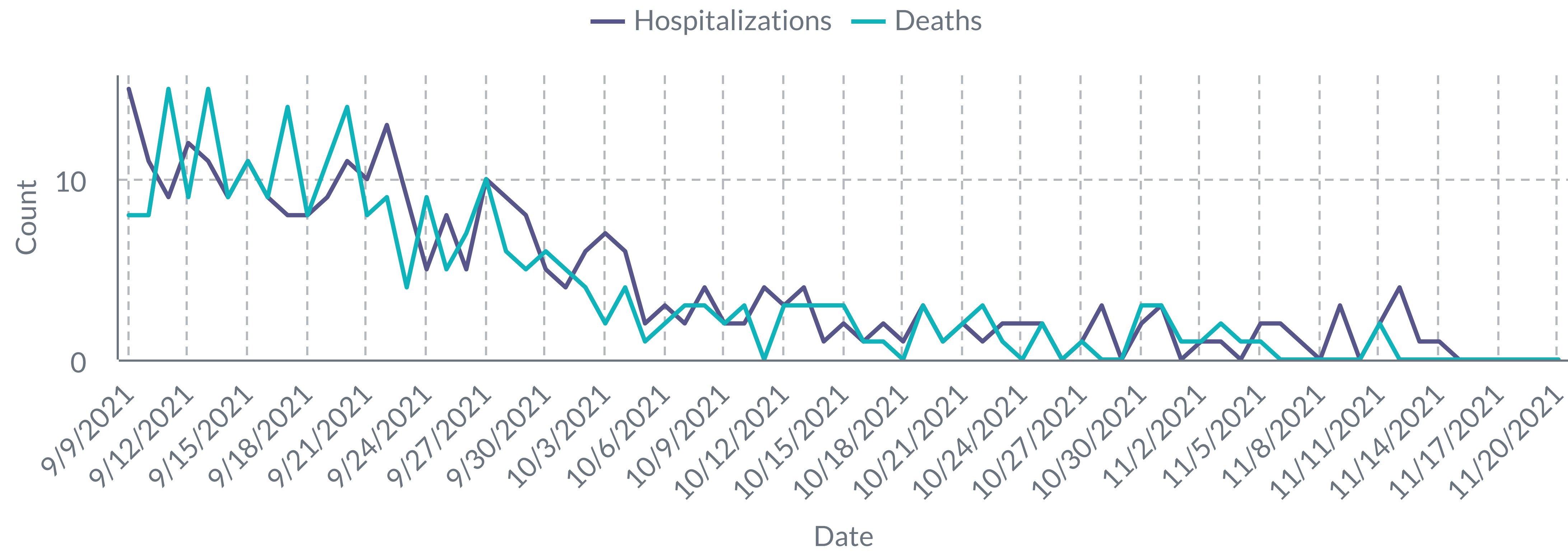


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Number of Positive Confirmed and Presumptive COVID-19 Cases for the Last 60 Days By Day of Report to NCHD



Hospitalizations and Death By Date of Occurrence Past 60 Days



Outbreak Data Resouces

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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 11/12/2021**. 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.

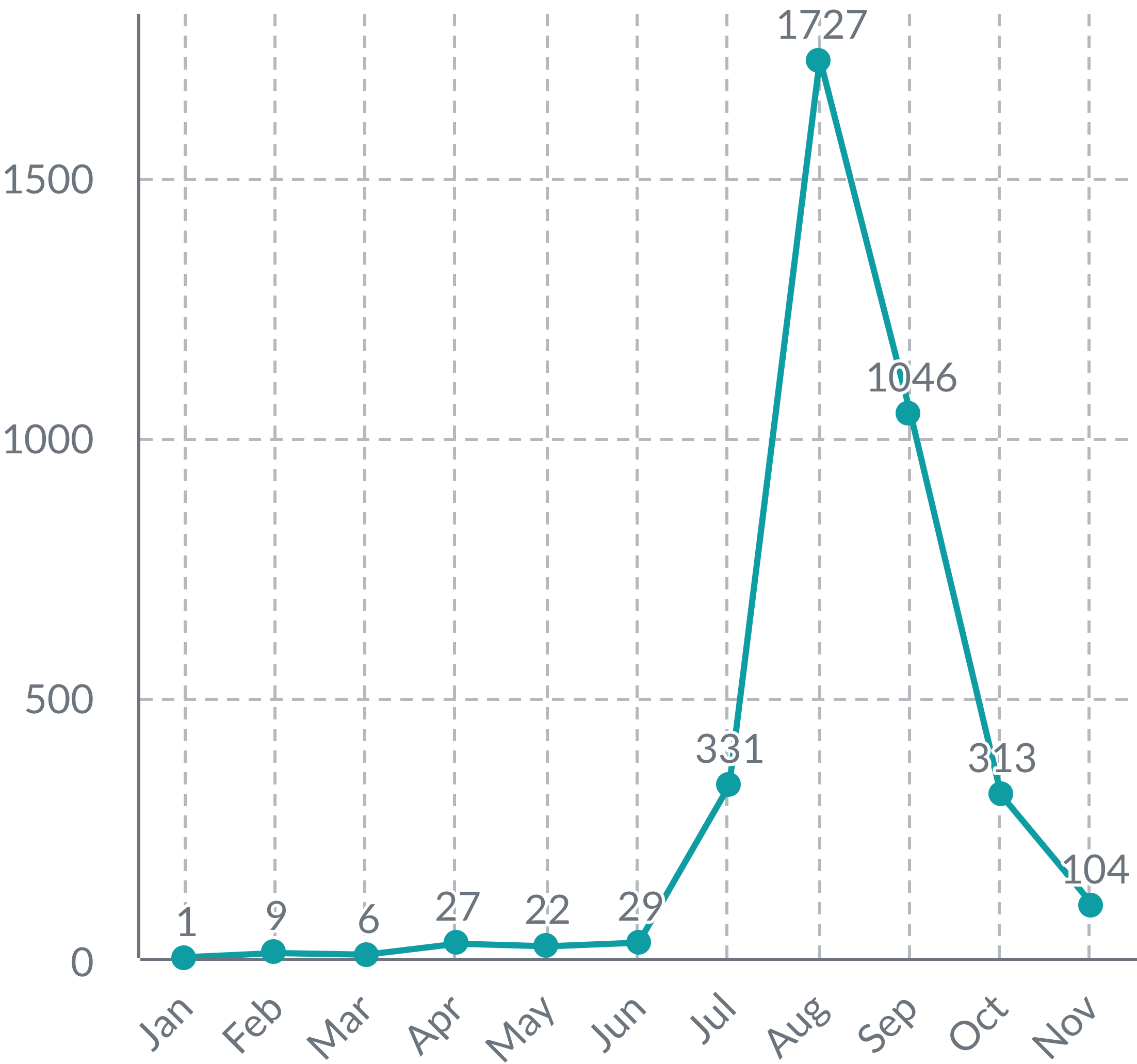
The following is based on the 50195 cases reported between 1/1/2021 - 11/12/2021.

Vaccination Status	Positive Cases	Hospitalizations*	Deaths
Unknown/Unvaccinated	45,540 (91%)	2,769 (91%)	837 (86%)
Partially Vaccinated	1,040 (2%)	113 (4%)	74 (7%)
Fully Vaccinated	3,615 (7%)	178 (5%)	85 (7%)
Grand Total	50,195 (100%)	3,060 (100%)	996 (100%)

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

94% of fully vaccinated deaths were over 50 years old and
88% of fully vaccinated hospitalizations are over 50 years old.

Number of Fully Vaccinated Breakthrough Cases within NCHD



Breakthrough Cases by County			
County	Total Cases	Fully Vaccinated Breakthrough Cases	% Of Total Cases
Baldwin	3,458	302	9%
Bibb	15,349	1,095	7%
Crawford	709	52	7%
Hancock	423	33	8%
Houston	16,689	1,251	7%
Jasper	1,288	72	6%
Jones	2,278	180	8%
Monroe	2,507	154	6%
Peach	2,478	141	6%
Putnam	1,812	134	7%
Twiggs	612	37	6%
Washington	1,746	102	6%
Wilkinson	846	62	7%
Total	50,195	3,615	7%

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 11/12/2021 is **145 days**. Range is between **15 days and 307 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.

