

# North Central Health District COVID-19 Operational Summary



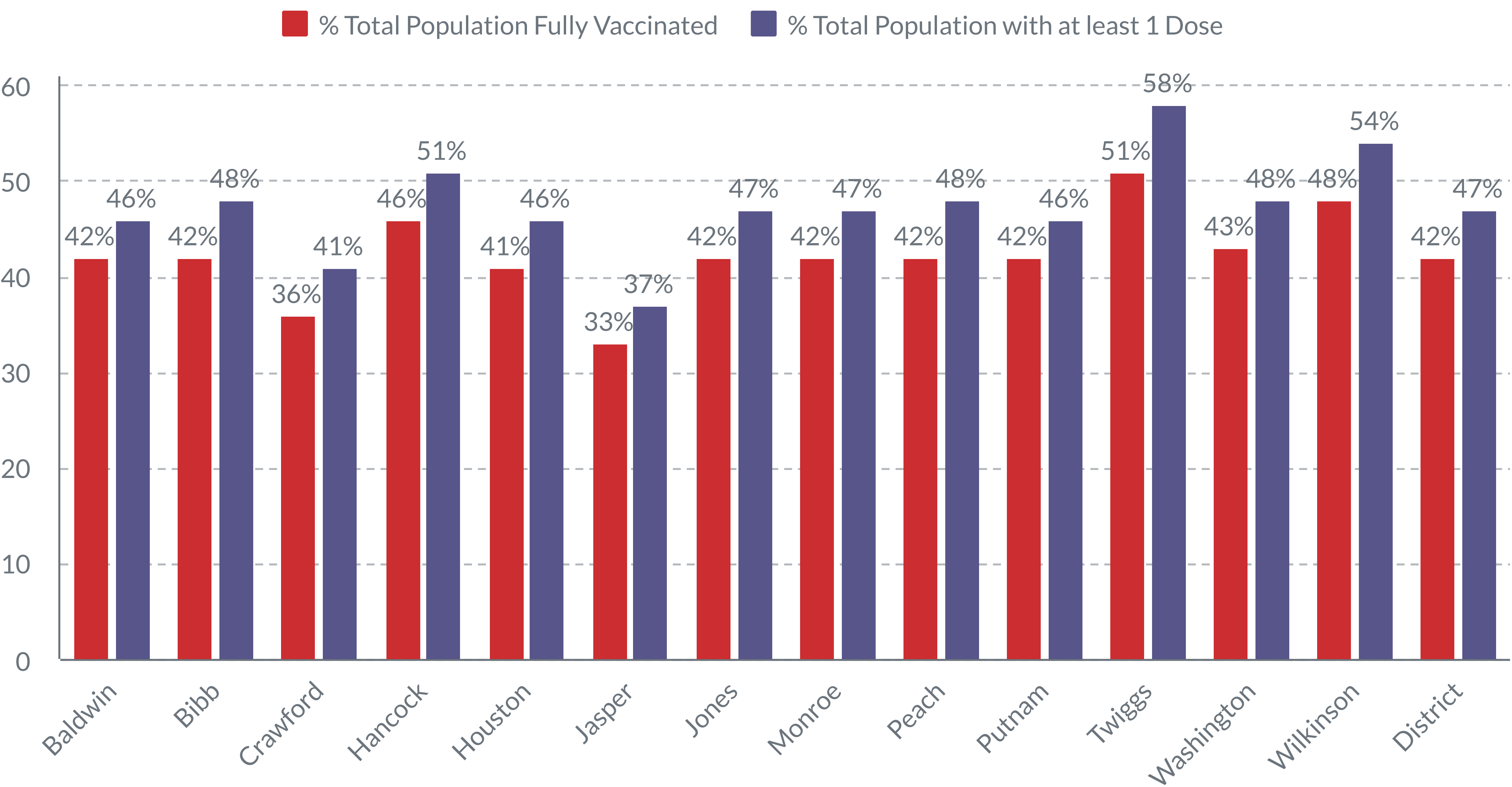
October 12, 2021

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 10/12/2021 at 4 PM.

### Vaccination Status by County



Vaccine Brand	Doses
Johnson & Johnson Total	4133
Moderna Total	93484
• 2nd dose Moderna	45032
• additional dose	329
Pfizer Total	2361
• 2nd dose Pfizer	879
• additional dose/booster	199
Total Doses Administered	99978

## 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: 9/20/2021 - 10/3/2021	PREVIOUS 2 WEEK PERIOD: 9/6/2021 - 9/19/2021	PREVIOUS 7 DAYS: 10/4/2021 - 10/10/2021
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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 10/12/2021 at 4 PM.

SUBSTANTIAL  
SPREAD

Total Number of Confirmed and Presumptive Cases	81,033
Median Age (Age Range)	37 (0-107 Years)
Hospitalizations	5836 (7.2%)
Deaths	1922 (2.37%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	1264 (65.76%)

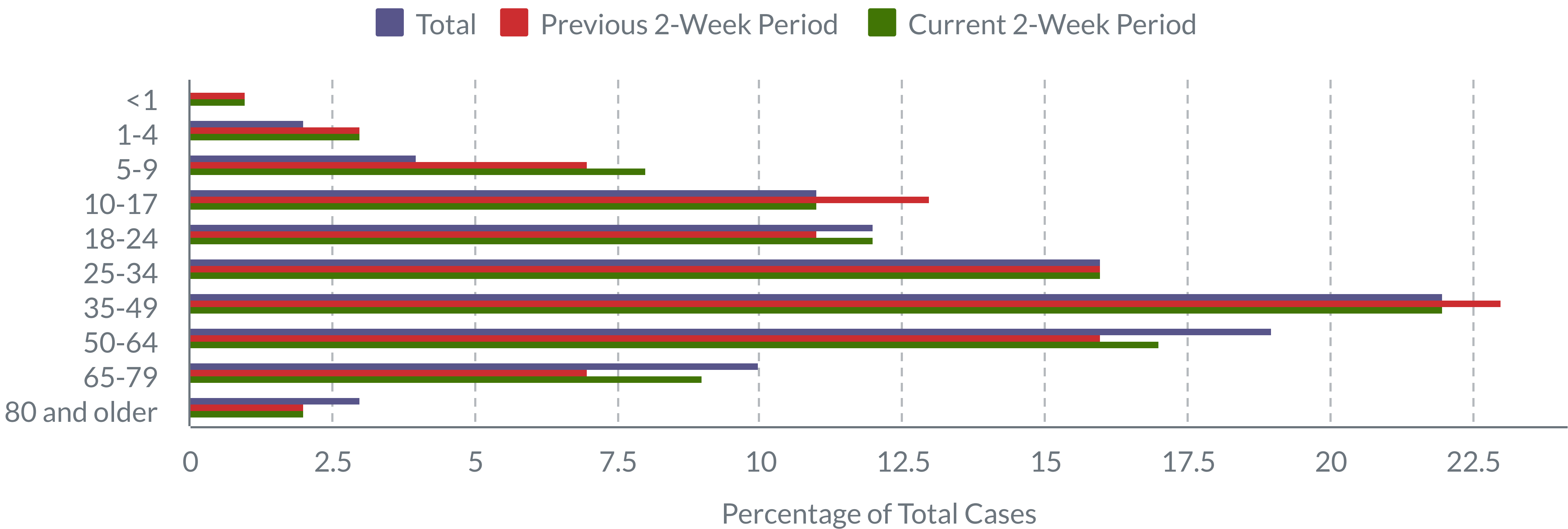
297  
Current 14-Day  
Incidence Rate

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 297 per 100,000 population (n=1589; population=530,945)**. The previous 2-week period Incidence Rate was 734 per 100,000 population (n=3923).



County	Total Confirmed Cases as of 10/10/2021	Total Presumptive Cases as of 10/10/2021	Total Presumptive and Confirmed Cases 10/10/2021	Total Presumptive and Confirmed Cases 10/3/2021	Percent Change Between 10/3/2021-10/10/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	5,192	1403	6595	6550	0.7%	404	178
Bibb	20,000	5,104	25104	24837	1.1%	2285	597
Crawford	819	296	1115	1098	1.5%	101	40
Hancock	996	125	1121	1115	0.5%	124	80
Houston	15,775	8,841	24616	24317	1.2%	1323	358
Jasper	999	1095	2094	2074	1.0%	112	57
Jones	2,532	845	3377	3349	0.8%	239	88
Monroe	2,724	1373	4097	4041	1.4%	269	140
Peach	2,620	1378	3998	3969	0.7%	308	92
Putnam	2,563	619	3182	3153	0.9%	226	79
Twiggs	742	327	1069	1060	0.8%	135	59
Washington	2,335	845	3180	3157	0.7%	165	112
Wilkinson	1098	387	1485	1472	0.9%	145	42
Total	58395	22638	81033	80192	1.0%	5836	1922

### 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

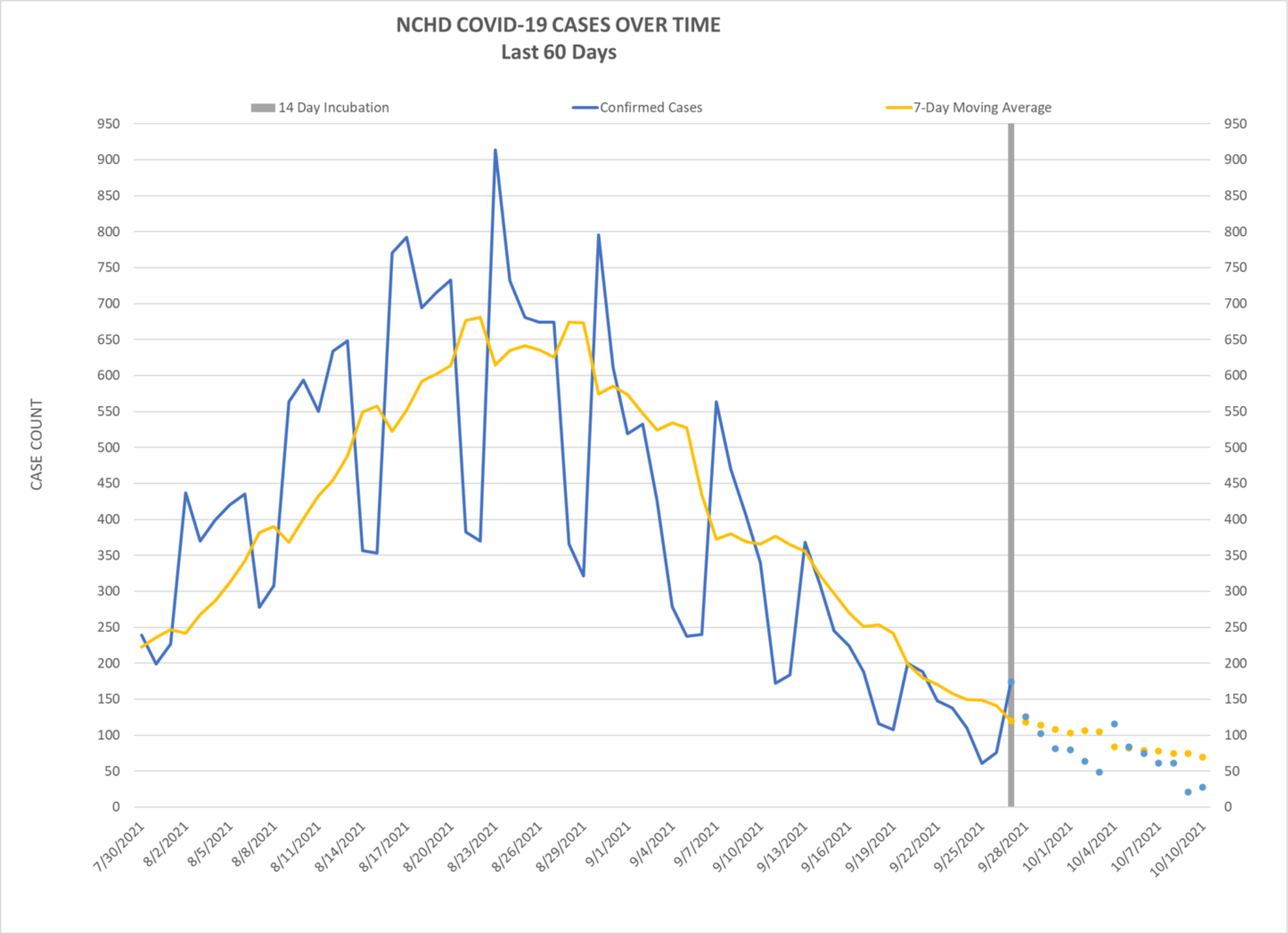
GEOGRAPHY	9/6/2021 - 9/19/2021			9/20/2021 - 10/3/2021			%change in Case Count	COVID-19 Transmission Level
	Total Cases	Rate per 100,000	Positivity Rate (PCR)	Total Cases	Rate per 100,000	Positivity Rate (PCR)		
BALDWIN	250	557	19%	108	241	11%	-57%	Substantial
BIBB	1103	720	18%	467	305	13%	-58%	Substantial
CRAWFORD	87	701	29%	35	282	22%	-60%	Substantial
HANCOCK	38	449	20%	9	106	9%	-76%	Substantial
HOUSTON	1466	929	16%	599	379	11%	-59%	Substantial
JASPER	108	760	20%	34	239	11%	-69%	Substantial
JONES	136	473	19%	66	230	14%	-51%	Substantial
MONROE	199	722	20%	77	279	13%	-61%	Substantial
PEACH	167	606	16%	51	185	11%	-69%	Substantial
PUTNAM	117	529	14%	38	172	6%	-68%	Substantial
TWIGGS	48	591	18%	17	209	16%	-65%	Substantial
WASHINGTON	155	761	19%	63	309	19%	-59%	Substantial
WILKINSON	49	547	12%	25	279	11%	-49%	Substantial
Total	3923	734	17%	1589	297	12%	-59%	Substantial

### County Data Resources

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

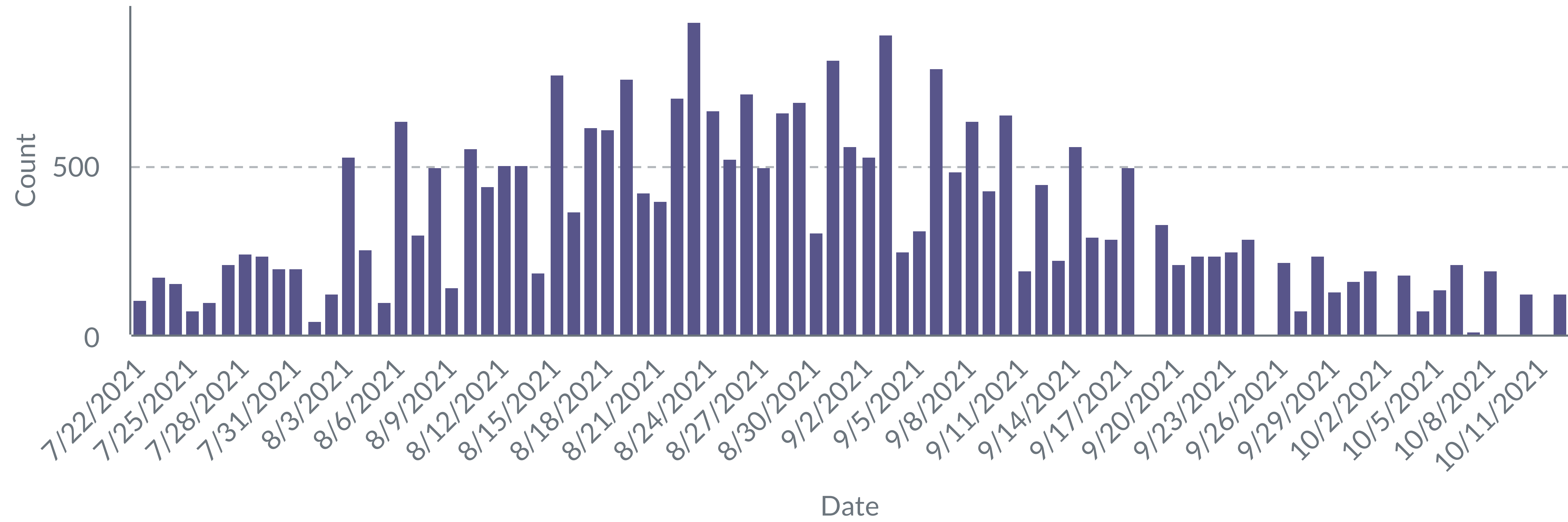
- [Georgia DPH County Indicator Reports](#) - Details ED visits, high transmission counties, lab test and more.



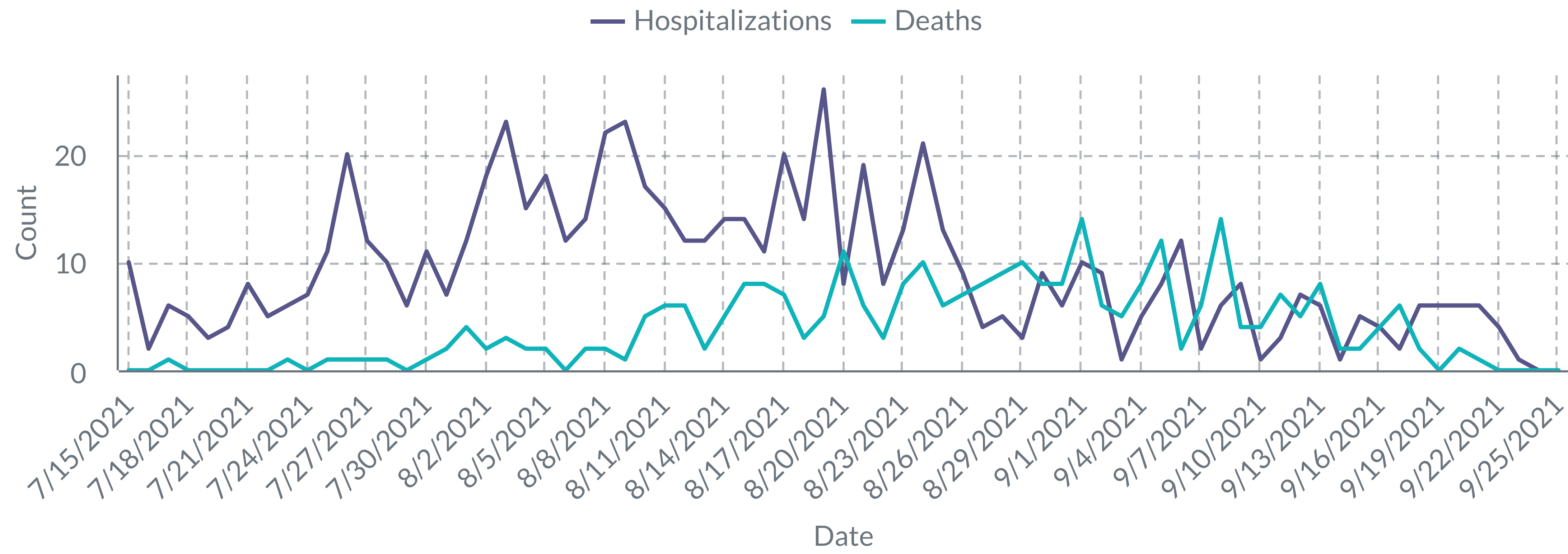


\* 14-day window – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test results may still be pending.

## 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 10/1/2021**. 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.

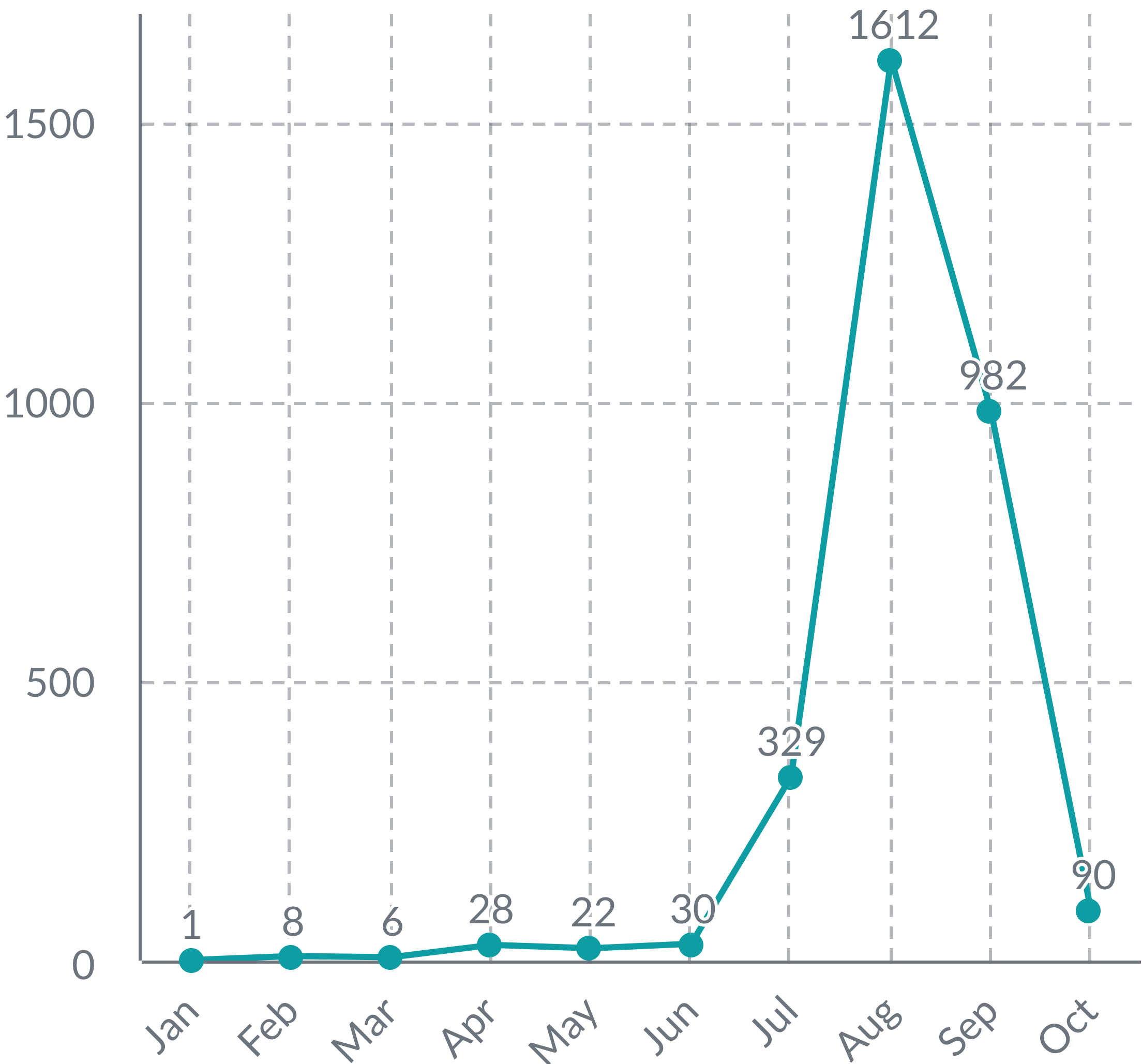
The following is based on the 47,284 cases reported between 1/1/2021 - 10/1/2021.

Vaccination Status	Positive Cases	Hospitalizations*	Deaths
Unknown/Unvaccinated	43,056 (91%)	2,398 (91%)	717 (86%)
Partially Vaccinated	1,120 (2%)	102 (4%)	62 (7%)
Fully Vaccinated	3,108 (7%)	131 (5%)	61 (7%)
Grand Total	47,284 (100%)	2,631 (100%)	840(100%)

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

**92%** of fully vaccinated deaths were over 50 years old and  
**94%** of fully vaccinated hospitalizations are over 50 years old.

Number of Fully Vaccinated Breakthrough Cases within NCHD



Breakthrough Cases by County

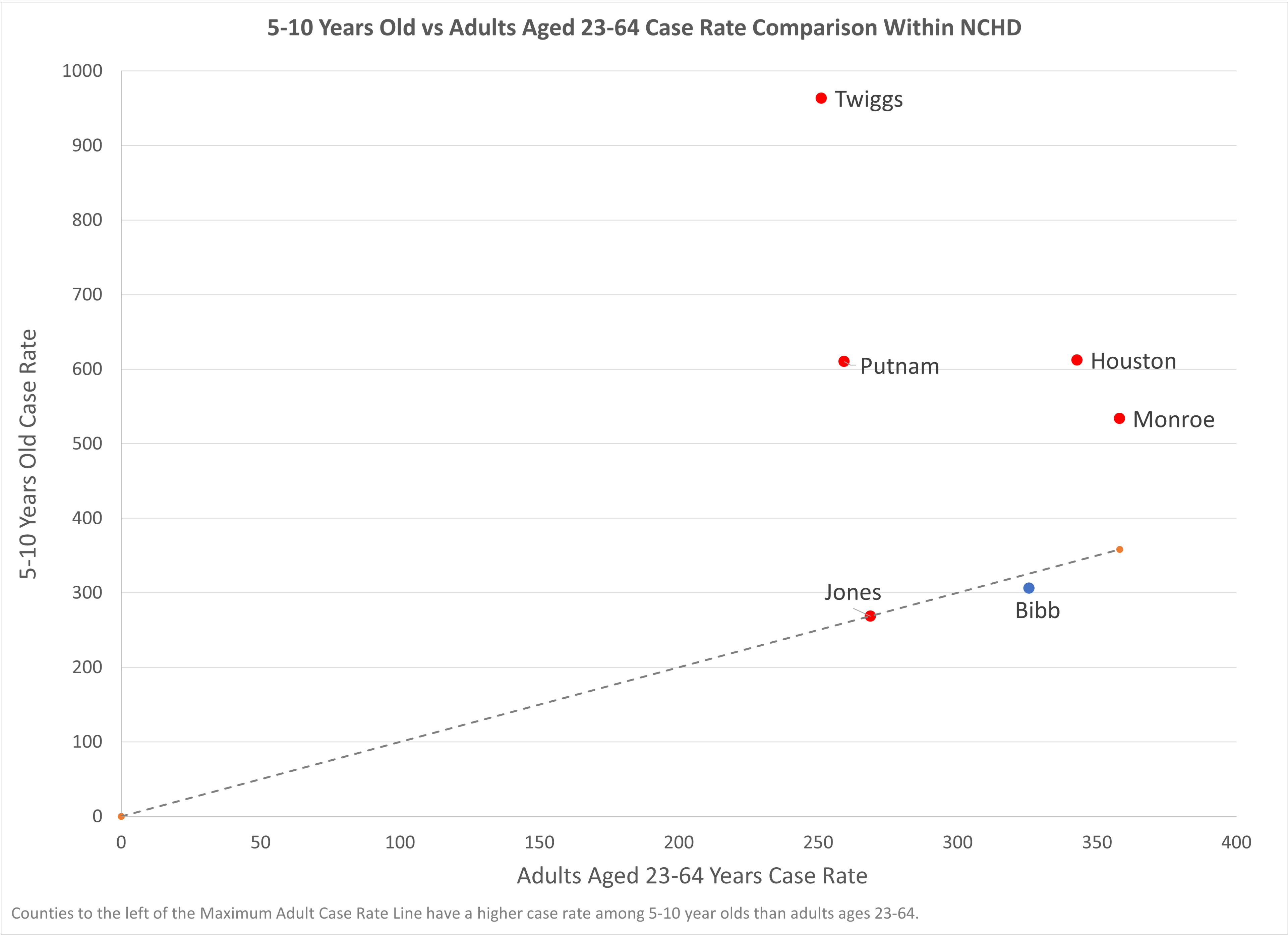
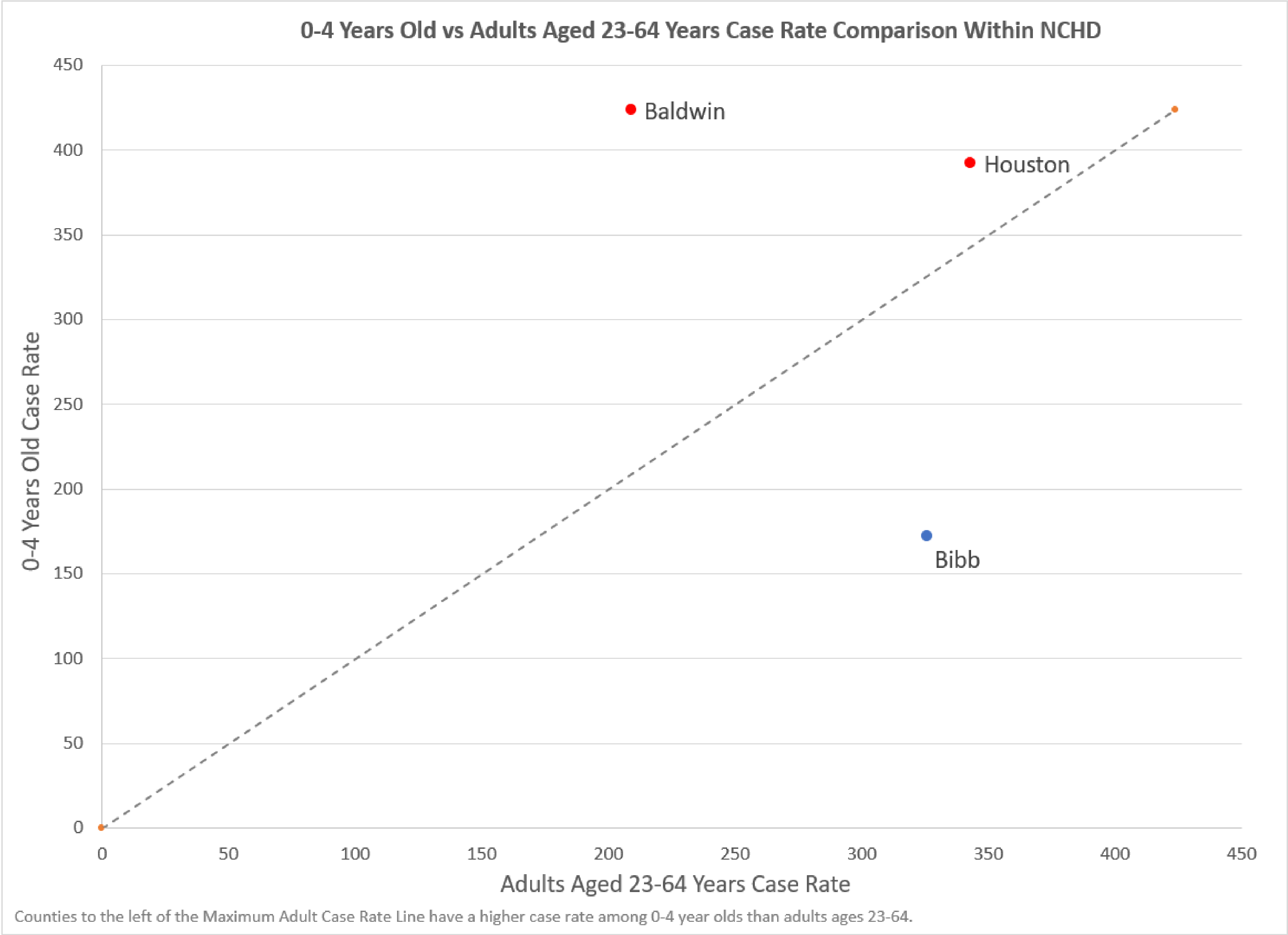
County	Total Cases	Fully Vaccinated Breakthrough Cases	% Of Total Cases
Baldwin	3,230	269	8%
Bibb	14,160	863	6%
Crawford	649	43	7%
Hancock	413	32	8%
Houston	15,432	1,003	6%
Jasper	1,189	59	5%
Jones	2,076	146	7%
Monroe	2,266	109	5%
Peach	2,277	118	5%
Putnam	1,686	114	7%
Twiggs	562	26	5%
Washington	1,658	81	5%
Wilkinson	799	53	7%
Total	46,397	2,916	6%

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 10/10/2021 is **135 days**. Range is between **15 days and 307 days**.

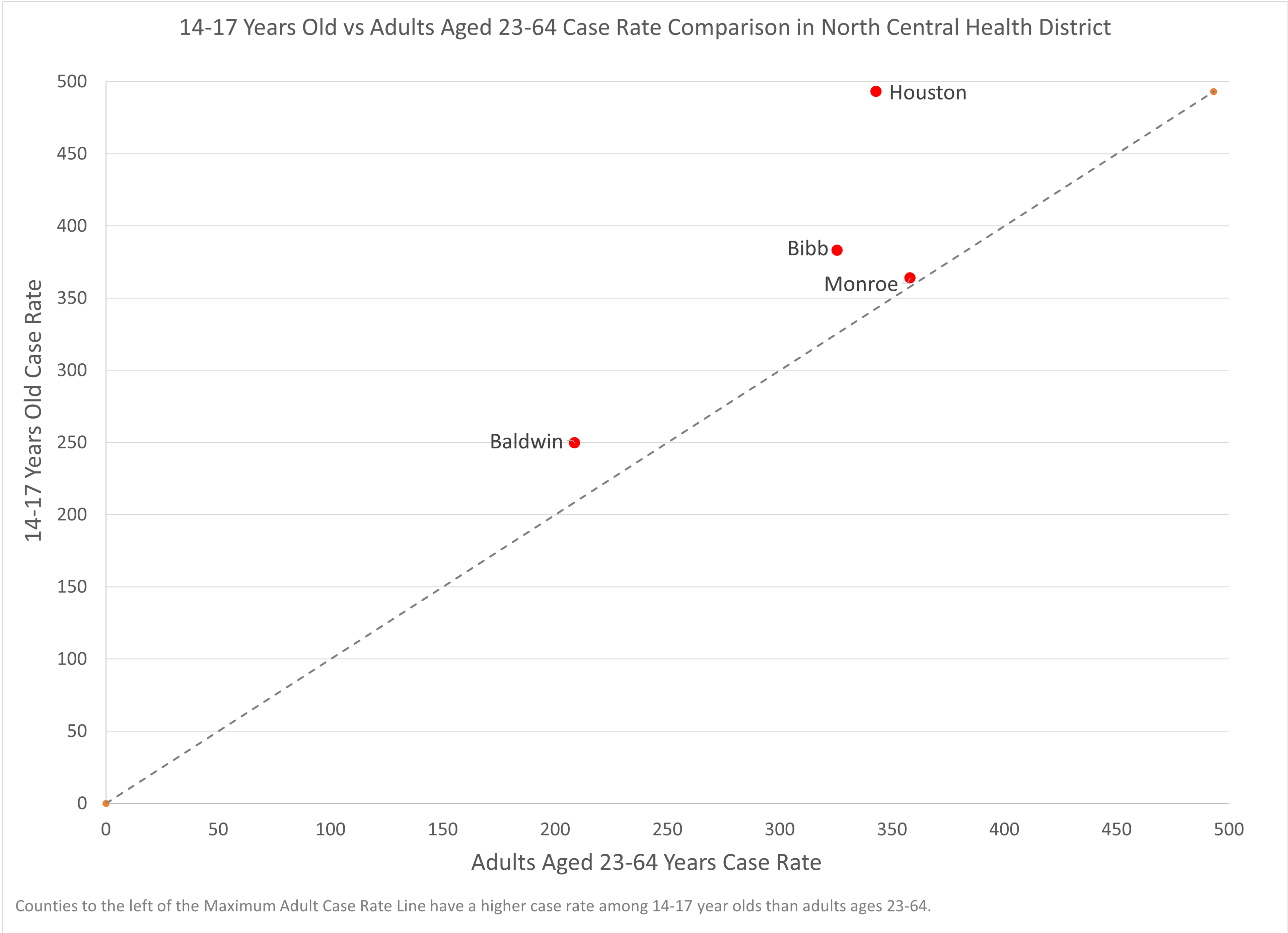
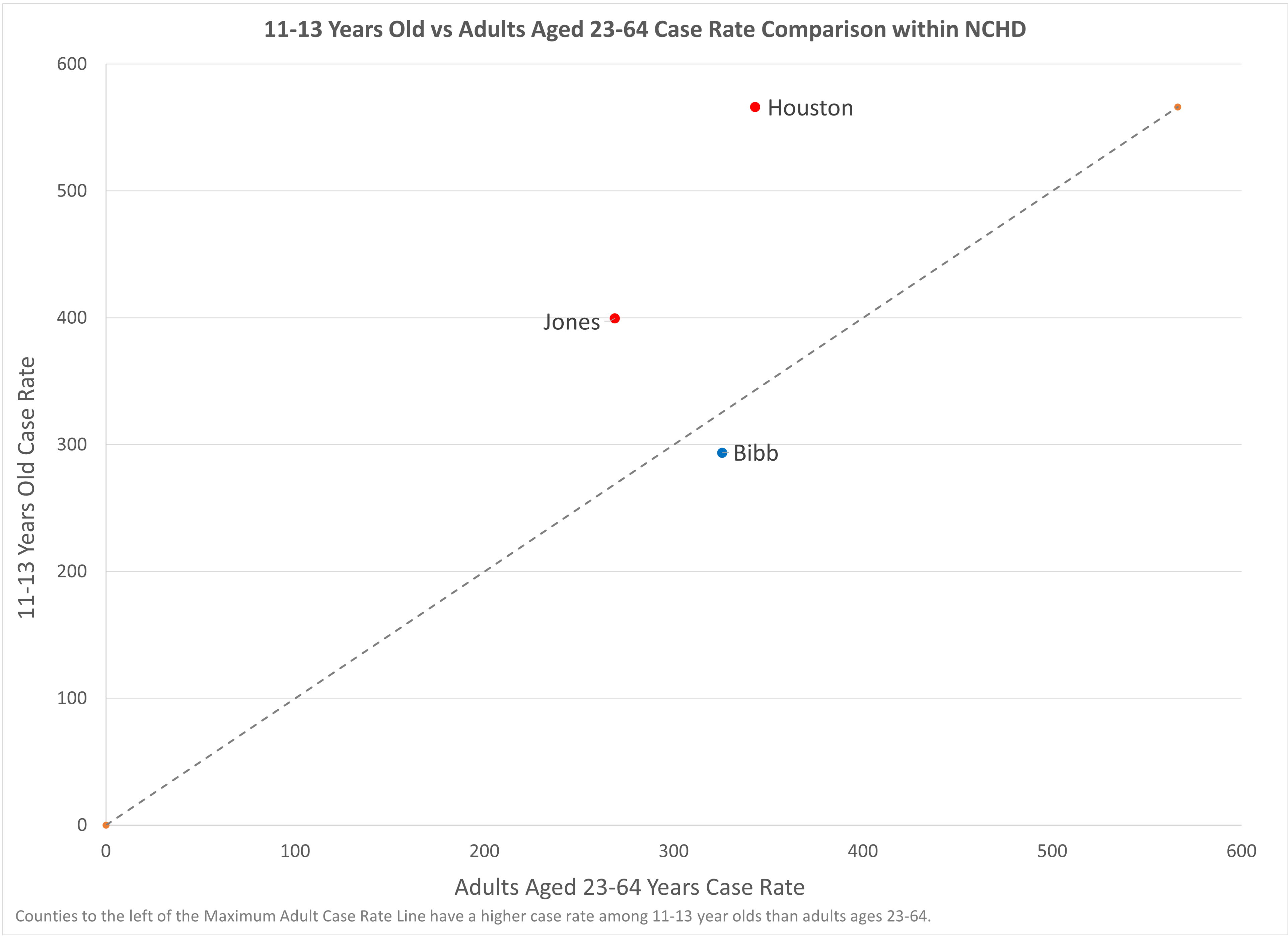
- Unknown: PUIs in this group have no matching vaccine data that correspond to their positive date OR they have vaccine data from after their positive result. The vast majority are most likely unvaccinated at the time of their positive and we report them as unvaccinated in our reports.
- Partially Vaccinated: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

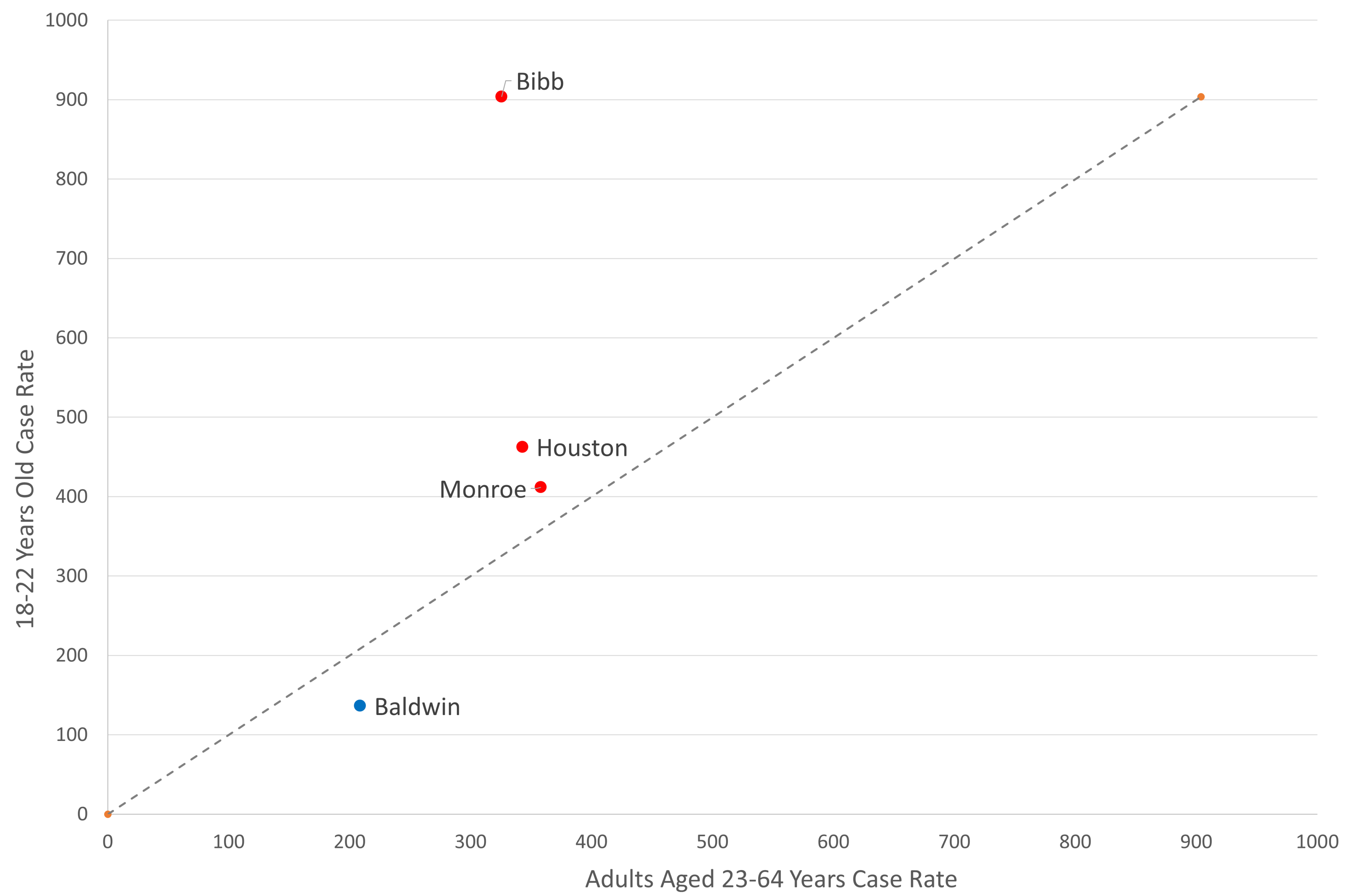
The following data describes COVID-19 cases in school-age groups compared to the average rate of infection for the age 23-64 year old age group. Counties on the left/above the Adult Rate Case Lines have a higher case rate among the described school-age group than adults age 23-64 within NCHD's 13 county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







18-22 Years Old Vs Adults Aged 23-64 Case Rate Comparison within NCHD



Counties to the left of the Maximum Adult Case Rate Line have a higher case rate among 18-22 year olds than adults ages 23-64.





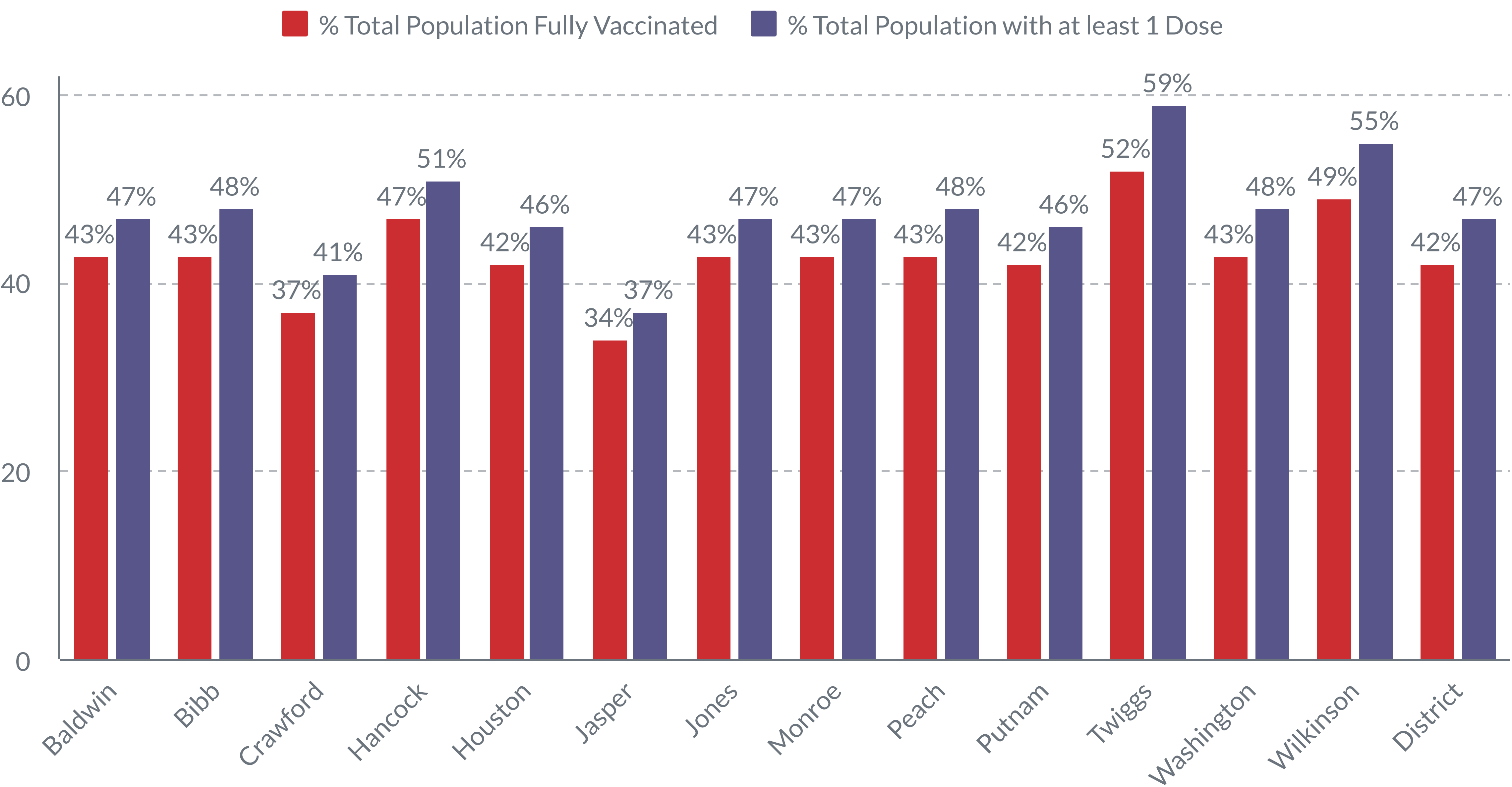
October 25, 2021

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COVID-19 Vaccination

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Vaccination Status by County



Vaccine Brand	Doses
Johnson & Johnson Total	4159
Moderna Total	94035
• 2nd dose Moderna	45348
• additional dose	368
Pfizer Total	2812
• 2nd dose Pfizer	1079
• additional dose/booster	307
Total Doses Administered	101006

COVID-19 Vaccination Data Resources

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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
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  - 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:
10/4/2021 - 10/17/2021	9/20/2021 - 10/3/2021	10/18/2021 - 10/24/2021

## Epidemiology - Overview

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**SUBSTANTIAL  
SPREAD**

Total Number of Confirmed and Presumptive Cases	81,852
Median Age (Age Range)	37 (0-107 Years)
Hospitalizations	5985 (7.3%)
Deaths	1994 (2.4%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	1313 (65.9%)

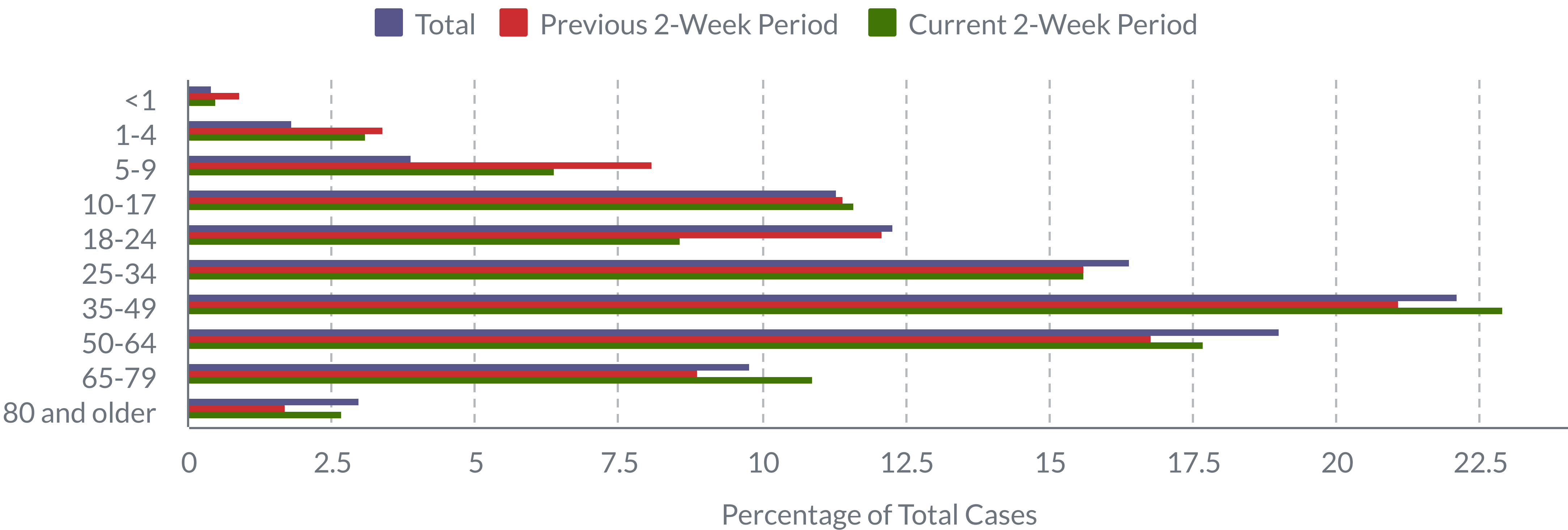
**155**  
**Current 14-Day  
Incidence Rate**

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 155 per 100,000 population (n=827; population=530,945)**. The previous 2-week period Incidence Rate was 311 per 100,000 population (n=1662).



County	Total Confirmed Cases as of 10/24/2021	Total Presumptive Cases as of 10/24/2021	Total Presumptive and Confirmed Cases 10/24/2021	Total Presumptive and Confirmed Cases 10/17/2021	Percent Change Between 10/17/2021-10/24/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	5,228	1425	6653	6620	0.5%	410	185
Bibb	20,121	5,240	25361	25198	0.6%	2348	618
Crawford	830	301	1131	1123	0.7%	105	43
Hancock	996	125	1121	1121	0.0%	125	80
Houston	15,910	8,934	24844	24703	0.6%	1340	377
Jasper	1015	1107	2122	2107	0.7%	116	58
Jones	2,554	857	3411	3388	0.7%	257	92
Monroe	2,746	1405	4151	4127	0.6%	280	145
Peach	2,639	1420	4059	4014	1.1%	313	97
Putnam	2,584	631	3215	3198	0.5%	234	80
Twiggs	747	333	1080	1071	0.8%	140	59
Washington	2,355	855	3210	3202	0.2%	170	117
Wilkinson	1102	392	1494	1487	0.5%	147	43
Total	58827	23025	81852	81359	0.6%	5985	1994

### 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

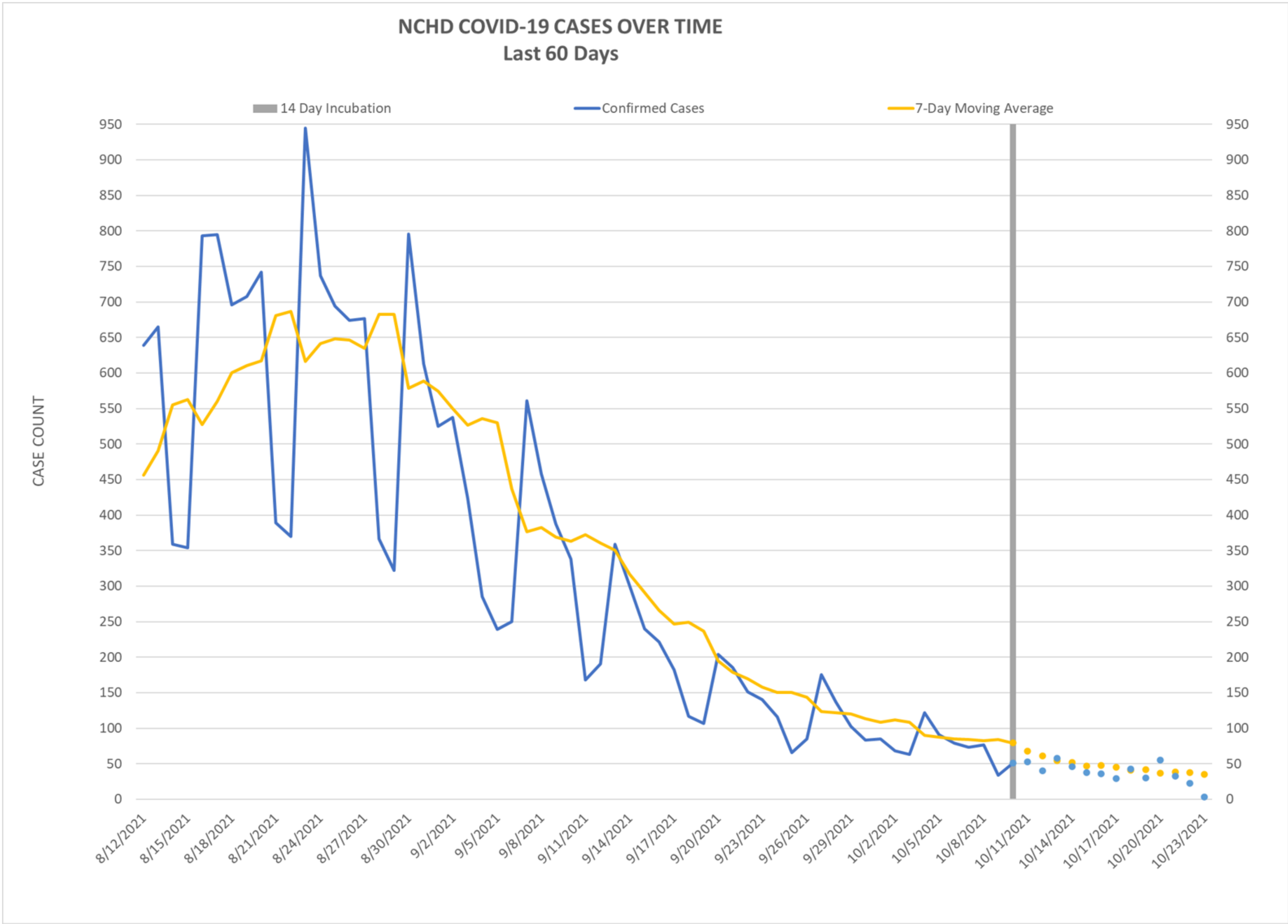
### County Data - Incidence Rate

GEOGRAPHY	9/20/2021 - 10/3/2021			10/4/2021 - 10/17/2021			%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	113	252	10%	66	147	10%	-42%	Substantial
BIBB	497	324	13%	207	135	8%	-58%	Substantial
CRAWFORD	38	306	22%	18	145	21%	-53%	Substantial
HANCOCK	8	95	9%	5	59	6%	-38%	Moderate
HOUSTON	606	384	10%	295	187	7%	-51%	Substantial
JASPER	37	260	11%	23	162	10%	-38%	Substantial
JONES	70	244	14%	25	87	8%	-64%	Moderate
MONROE	89	323	13%	64	232	12%	-28%	Substantial
PEACH	56	203	11%	27	98	5%	-52%	Moderate
PUTNAM	40	181	6%	32	145	8%	-20%	Substantial
TWIGGS	17	209	16%	11	135	8%	-35%	Substantial
WASHINGTON	66	324	18%	40	196	14%	-39%	Substantial
WILKINSON	25	279	11%	14	156	5%	-44%	Substantial
Total	1662	311	12%	827	155	8%	-50%	Substantial

### County Data Resources

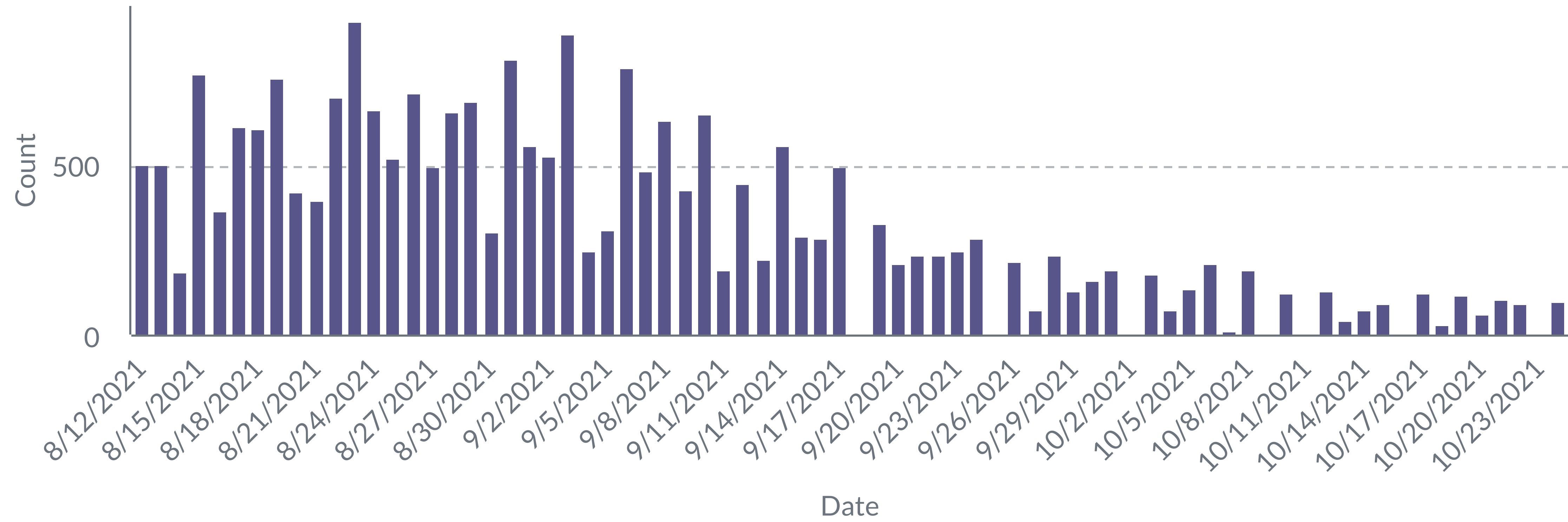
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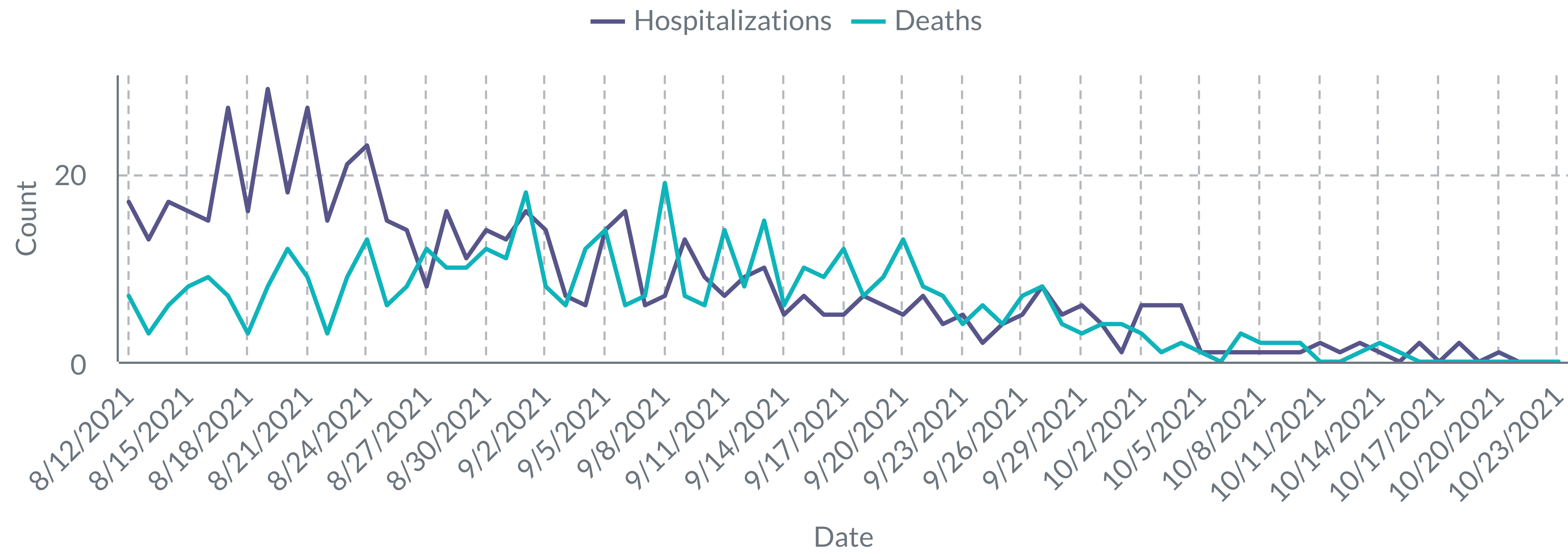


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## Number of Positive Confirmed and Presumptive COVID-19 Cases for the Last 60 Days By Day of Report to NCHD



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





# Outbreak Data Resources

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- [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 10/15/2021**. 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.

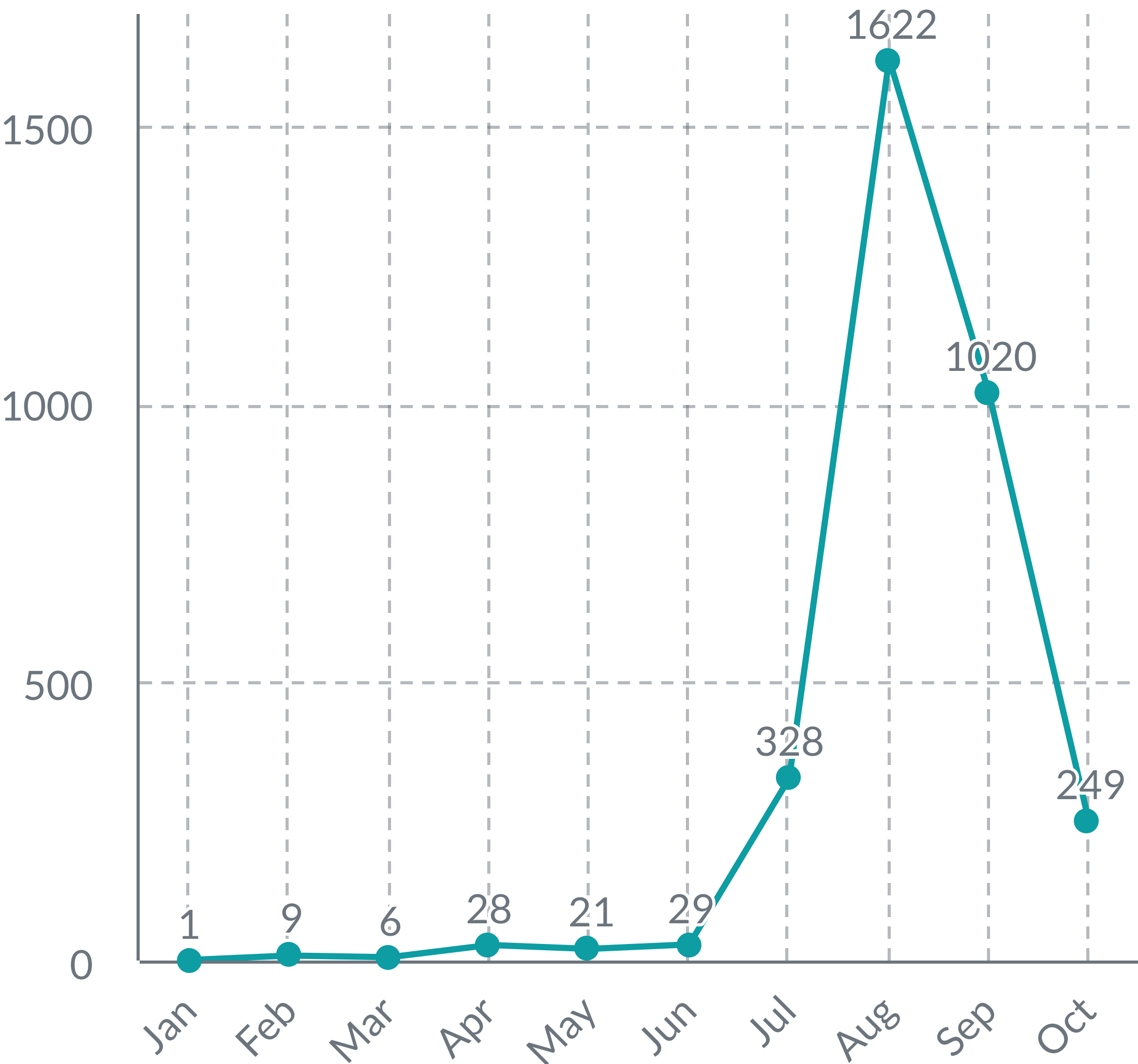
The following is based on the 48,272cases reported between 1/1/2021 - 10/15/2021.

Vaccination Status	Positive Cases	Hospitalizations*	Deaths
Unknown/Unvaccinated	43,867(91%)	2,515(91%)	764(86%)
Partially Vaccinated	1,092 (2%)	114 (4%)	67 (7%)
Fully Vaccinated	3,313 (7%)	157 (5%)	70 (7%)
Grand Total	48,272 (100%)	2,786 (100%)	901(100%)

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

**93%** 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	3,353	292	9%
Bibb	14,747	1,020	7%
Crawford	683	49	7%
Hancock	419	33	8%
Houston	16,047	1,118	7%
Jasper	1,241	67	5%
Jones	2,155	163	8%
Monroe	2,385	132	6%
Peach	2,359	131	6%
Putnam	1,750	121	7%
Twiggs	587	33	6%
Washington	1,720	95	6%
Wilkinson	826	59	7%
Total	48,272	3,313	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 10/15/2021 is **140 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.

