

North Central Health District COVID-19 Operational Summary



May 4, 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.

Workforce

NCHD has a total of 334 employees. Since before the response to COVID-19 started, NCHD staff have been planning and preparing for the response. In January 2020, the Epidemiology and Emergency Preparedness programs began watching the situation closely, educating partners, and monitoring travelers. Today, we have scaled back our normal operations to be able to respond to this event appropriately and have employees dedicated full time to the response with many additional employees assisting on an as-needed basis. Public health staff are working on a variety of tasks from epidemiology (which includes data management, case investigation, contact tracing, and outbreak investigations), vaccination, Partner Coordination, SPOC operations, and ensuring our regulated facilities are operating according to the newest executive order. In addition to our workforce, NCHD has received several temporary staff (i.e. nursing, administrative support, case investigators, and contact tracers) from the state office that are assisting with Epidemiology and SPOC operations.

17	INCIDENT COMMAND/ ADMINISTRATION/LOGISTICS
42	COVID-19 REFERRAL LINE (Dedicated)
7	EPIDEMIOLOGY - CORE (LEADS, Outbreaks, SME)
45	CASE INVESTIGATOR (Dedicated)
21	CONTACT TRACER (Dedicated)
2	EPIDEMIOLOGY - DATA ENTRY
30	SPOC OPERATIONS
46	VACCINE STAFF
61	VACCINE SUPPORT STAFF

COVID-19 Vaccination

North Central Health District received its initial allocation of COVID-19 vaccine Dec. 23. After administrating vaccine to a small group of public health staff and community partners on Dec. 26, the district began the first vaccination of the Phase 1A group Dec. 28. As of March 25, individuals aged 16 years and older can receive a COVID-19 vaccine.

Note: Pfizer is the only COVID vaccine currently approved for children aged 16 and older. Our locations do not offer the Pfizer vaccine. Our sites use Moderna or Johnson & Johnson, and can only vaccinate age 18 and older.

The information in this portion of the report is accurate as of 5/2/2021 at 4 PM.

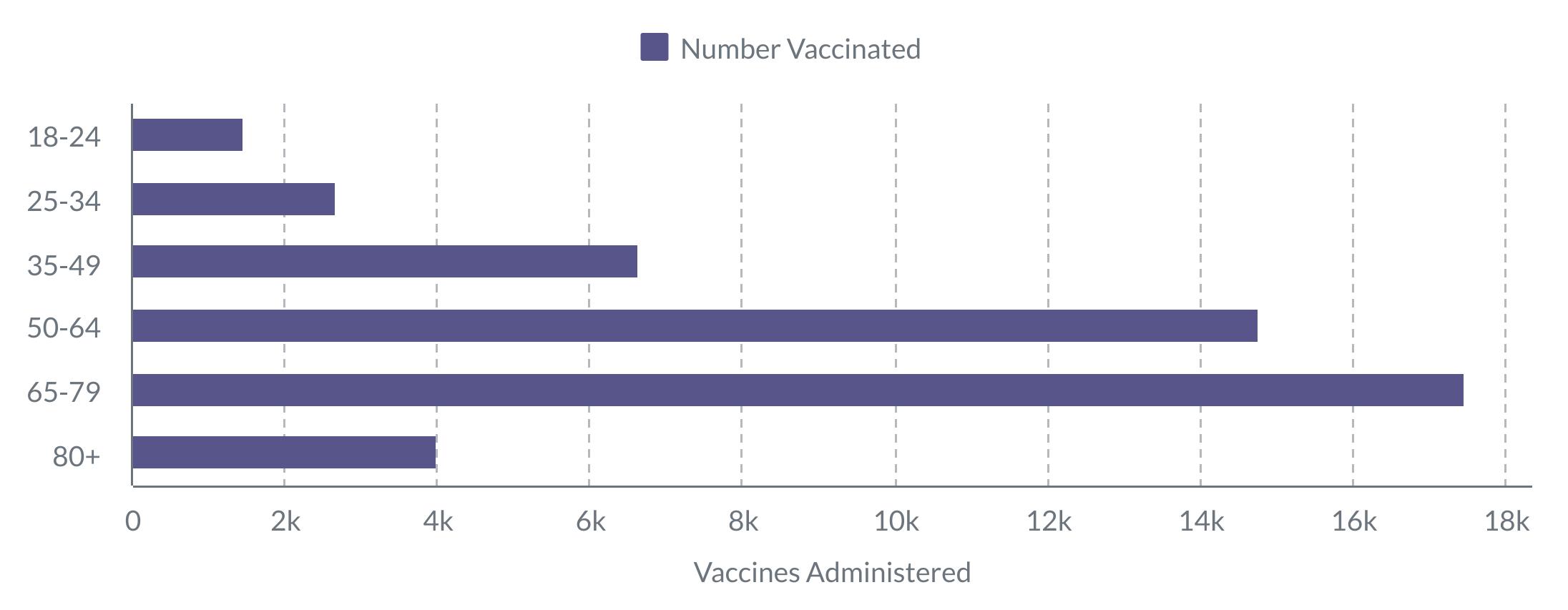
97000	MODERNA VACCINE DOSES RECEIVED
80606	MODERNA VACCINE DOSES ADMINISTERED
37334	MODERNA SECOND DOSES ADMINISTERED
6700	J&J VACCINE DOSES RECEIVED
3759	J&J VACCINE DOSES ADMINISTERED

We are currently working through vaccinating all individuals as quickly as possible. Appointments for vaccination are available through the week of May 3-7, and are being filled. Our district schedules vaccination based on our supply of COVID-19 vaccine on-hand in order to ensure individuals can receive vaccine as scheduled.

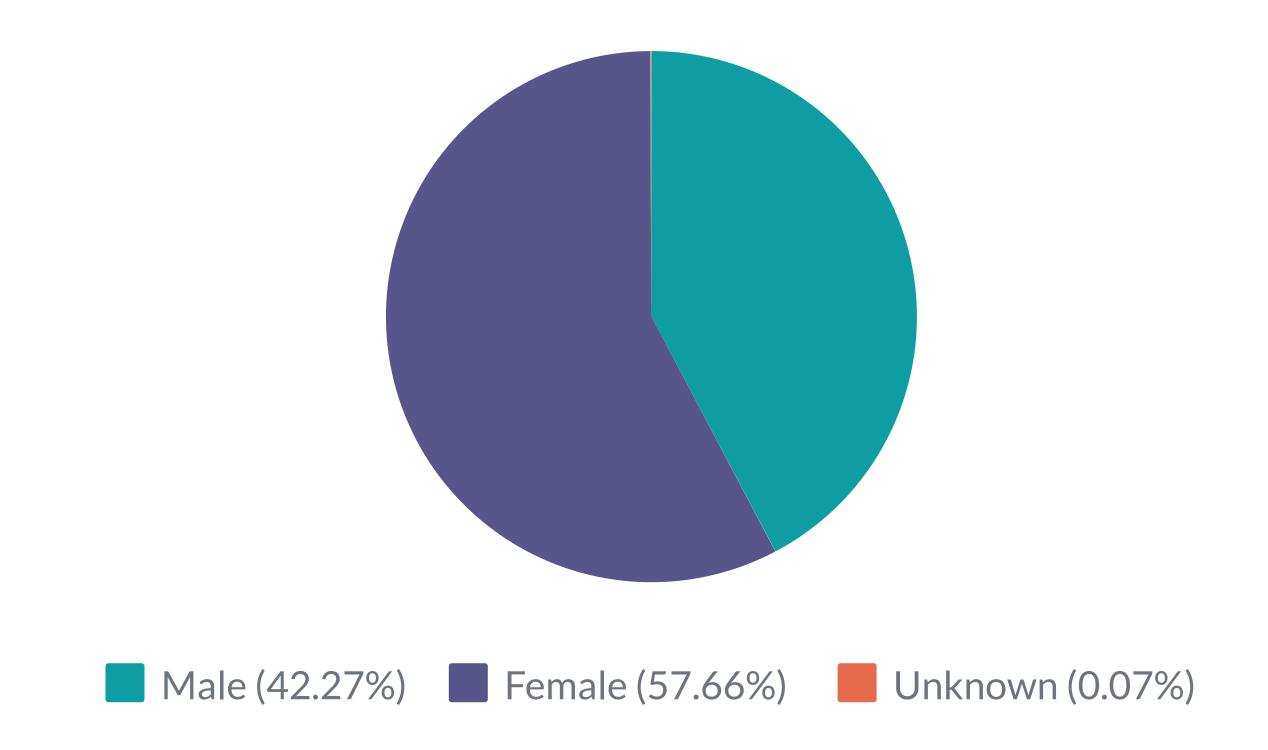
As of April 27, 2021, the Georgia Department of Public Health has lifted the pause on the administration of the Johnson & Johnson COVID-19 vaccine based on the recommendations of the CDC and FDA. NCHD's 13 vaccine sites have resumed administering Johnson & Johnson vaccine.

COVID-19 Vaccination District-Level Data

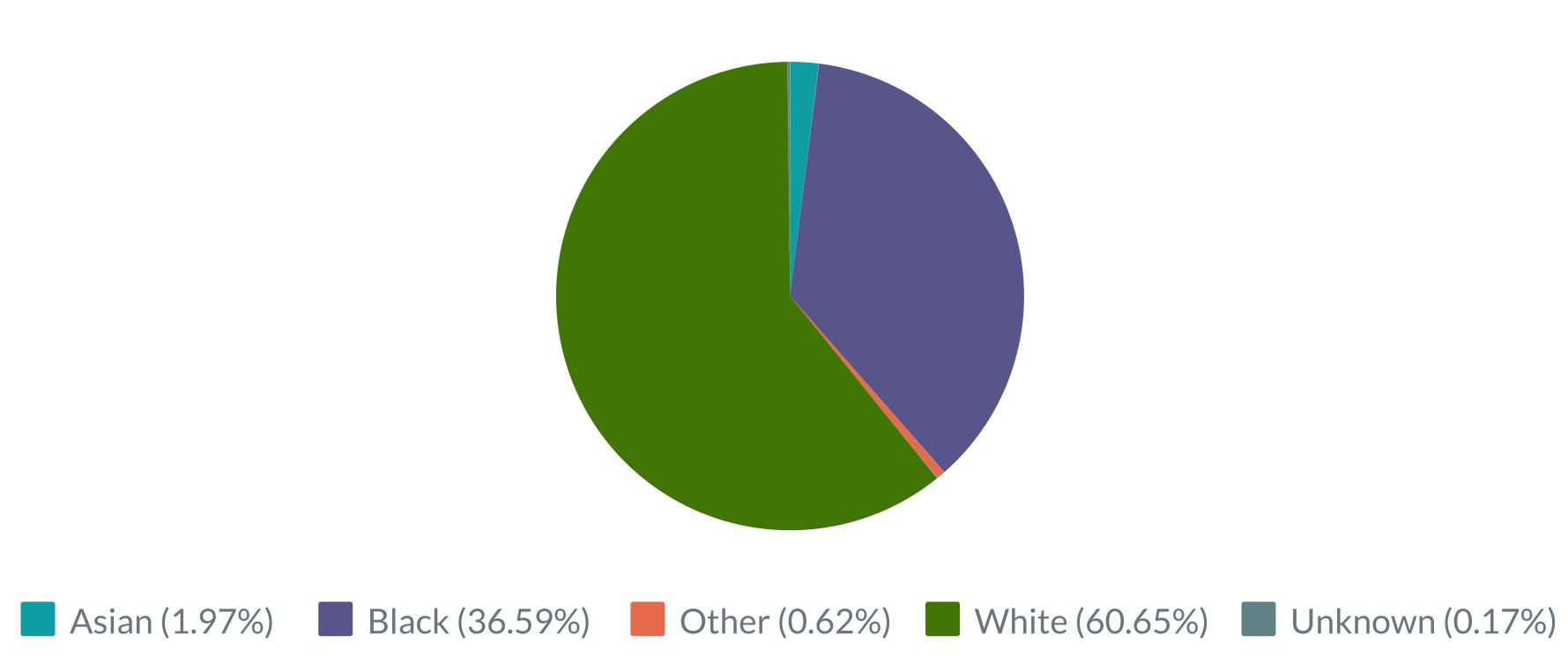
Age Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)



Gender Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)

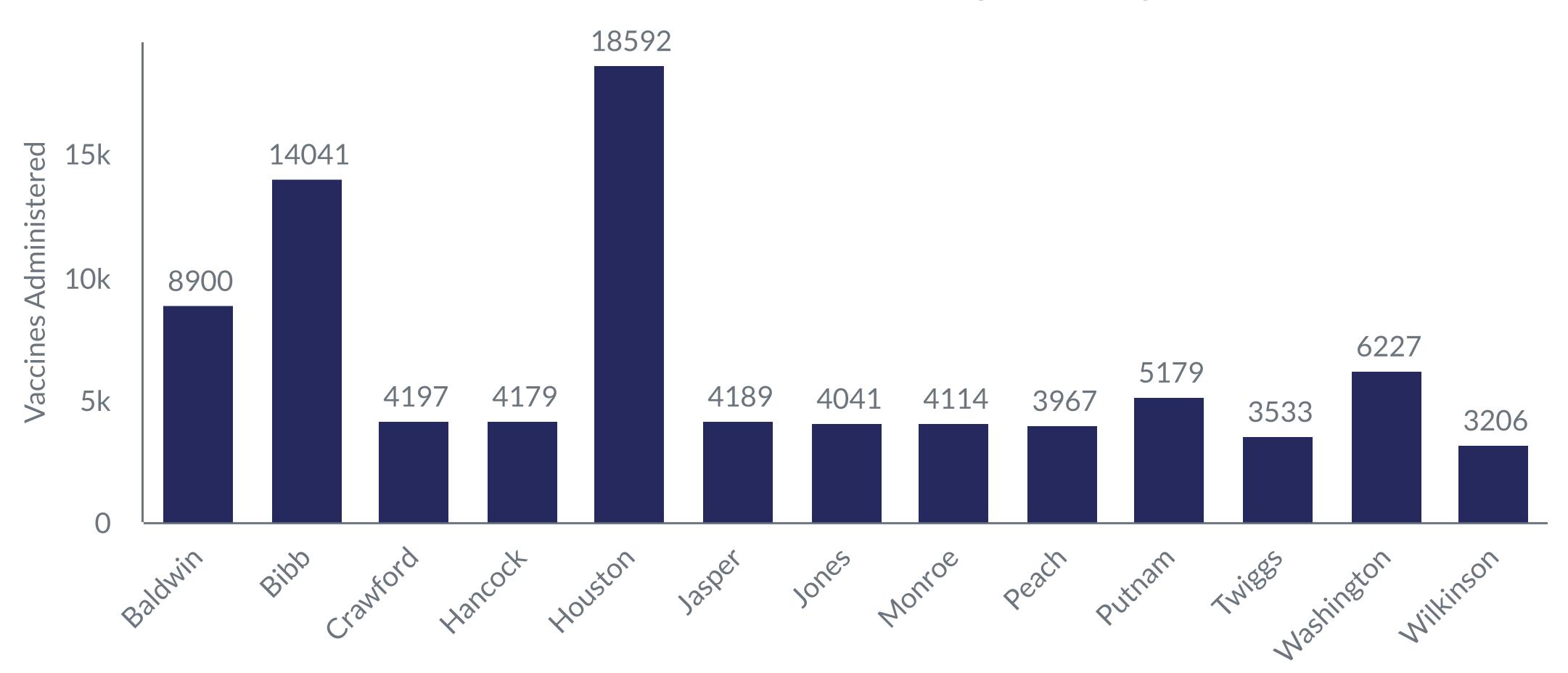


Race Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)

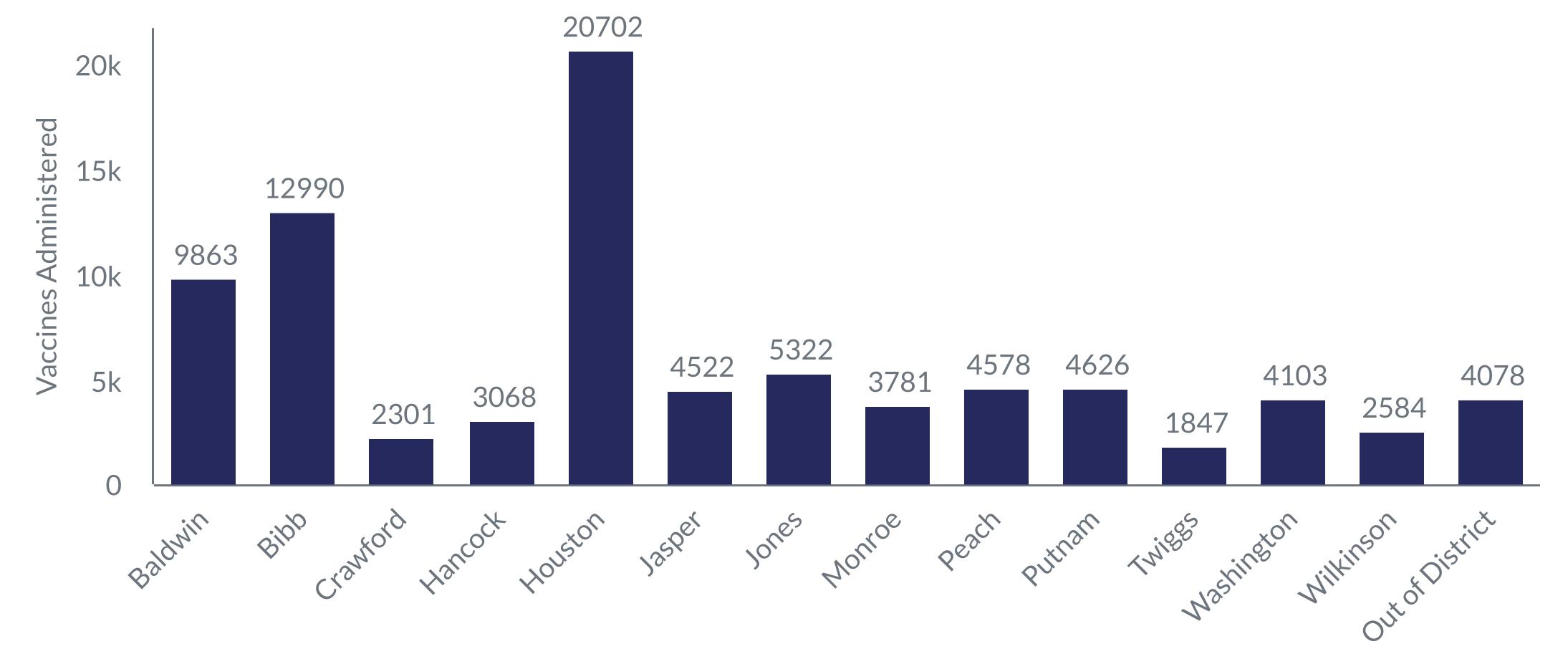


COVID-19 Vaccination County-Level Data

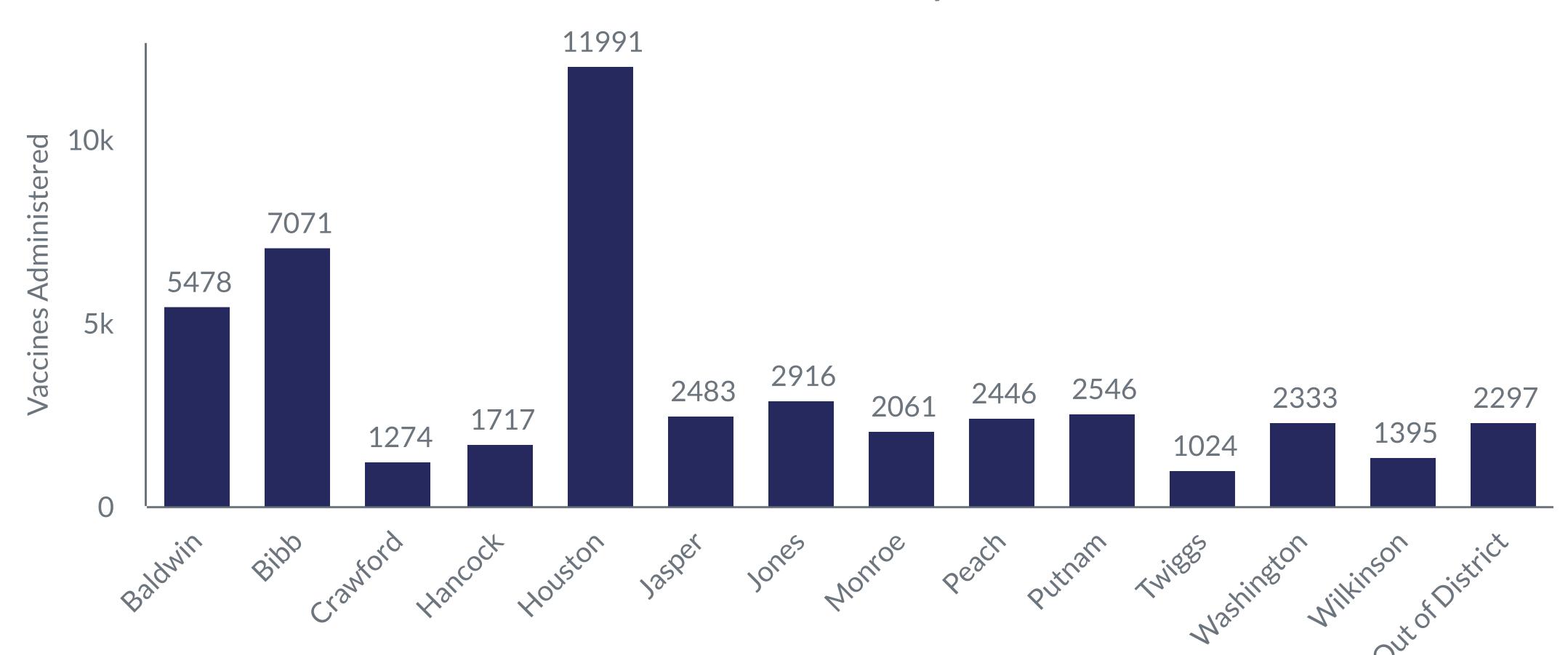
Total Doses Administered by County



Total Doses Administered by Residence



1st Doses Administered by Residence



Specimen Points of Collection (SPOC)

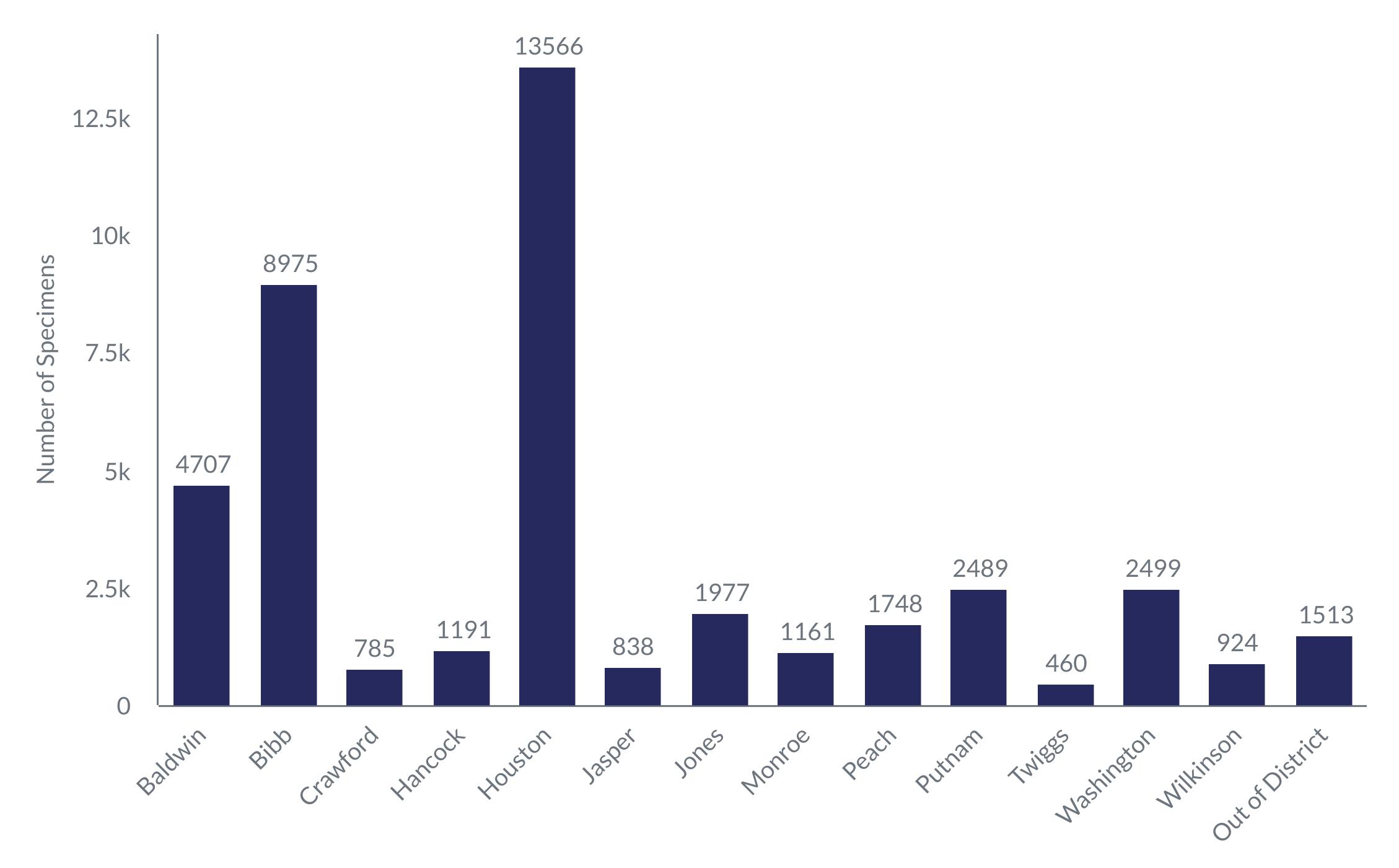
On March 18, 2020, NCHD stood up our first SPOC in Houston County, in the following weeks we expanded to 3 additionals locations in Jasper, Jones, and Washington Counties. The activities of these locations were limited in capacity due to state-supplied specimen collection kits. On 4/17/2020, due to an increase in the state's capacity to supply specimen collection kits, we opened our fifth location in Bibb County. On 5/3/2020, we expanded testing to all 13 of our county health departments.

As of 2/1/2021, Houston County SPOC is now 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.

The information in this portion of the report is accurate as of 5/2/2021 at 6 PM.

The data shown on this page only reflects specimens collected from NCHD public health points of collection and not representative of all specimens collected within our 13-county area.

Number of Specimens Collected by Residency



Specimens Collected Between 4/26/2021-5/2/2021

1296
21-Day
Positivity Rate
for NCHD
COVID-19
Testing

42,833

Total Specimens Collected

10%
Total Positivity
Rate for
NCHD
COVID-19
Testing

Epidemiology - Data Definitions

The information in the rest of the report is a breakdown by Presumptive and Confirmed Cases by each county within NCHD.

Confirmed Cases are those tested using a Molecular Test (i.e. PCR) since 3/1/2020.

Presumptive Cases are those tested using an Antigen Test since 3/1/2020

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 2018 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:

- <u>Substantial Spread</u>: 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
- <u>Insufficient Data</u>: 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.

Counties of Interest are identified by counties that have within the most current week (most recent 7 days) to the previous week [>5% increase in COVID syndrome/ILI syndrome (if >2 visits) AND >5% increase in cases (if >2 cases)] OR [>25% change in cases AND >10 cases during most recent week].

Syndromic surveillance (SS) provides a method for timely detection of potential clusters or outbreaks of specified diseases/events. SS data include emergency department (ED) visits based on the patient's chief complaint upon admission and/or discharge diagnosis. <u>SS data used within this report is based on county of residence NOT facility.</u>

- *Covid-19 Syndrome includes:* Chief complaint text for "coronavirus", "covid", "c-19", or "ncov". Selected discharge diagnosis codes (ICD or Snomed) relevant to COVID-19; including confirmed COVID-19, suspected/probable COVID-19, unspecified coronavirus infection, exposure to COVID-19, or severe acute respiratory syndrome.
- *ILI Syndrome includes:* Chief complaint text for fever, influenza, RSV, viral infection, viral pneumonia, cough (if fever), or sore throat (if fever).
- *Note:* Covid-19 Syndrome excludes select visits related to Covid-19 testing or exposure with no mention of symptoms. Criteria for syndromes are subject to change as additional information is received.

The information is accurate as of 5/2/2021 at 6 PM.

CURRENT 2 WEEK PERIOD:

4/12/2021 - 4/25/2021

PREVIOUS 2 WEEK PERIOD:

3/29/2021 - 4/11/2021

PREVIOUS 7 DAYS: 4/26/2021 - 5/2/2021

Epidemiology - Overview

NCHD's Epidemiology Program is responsible for investigating every reported case of laboratory-confirmed COVID-19. The following information describes the activities of the epidemiology program and provides a description of the current situation with the district.

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 5/2/2021 at 6 PM.

MODERATE SPREAD

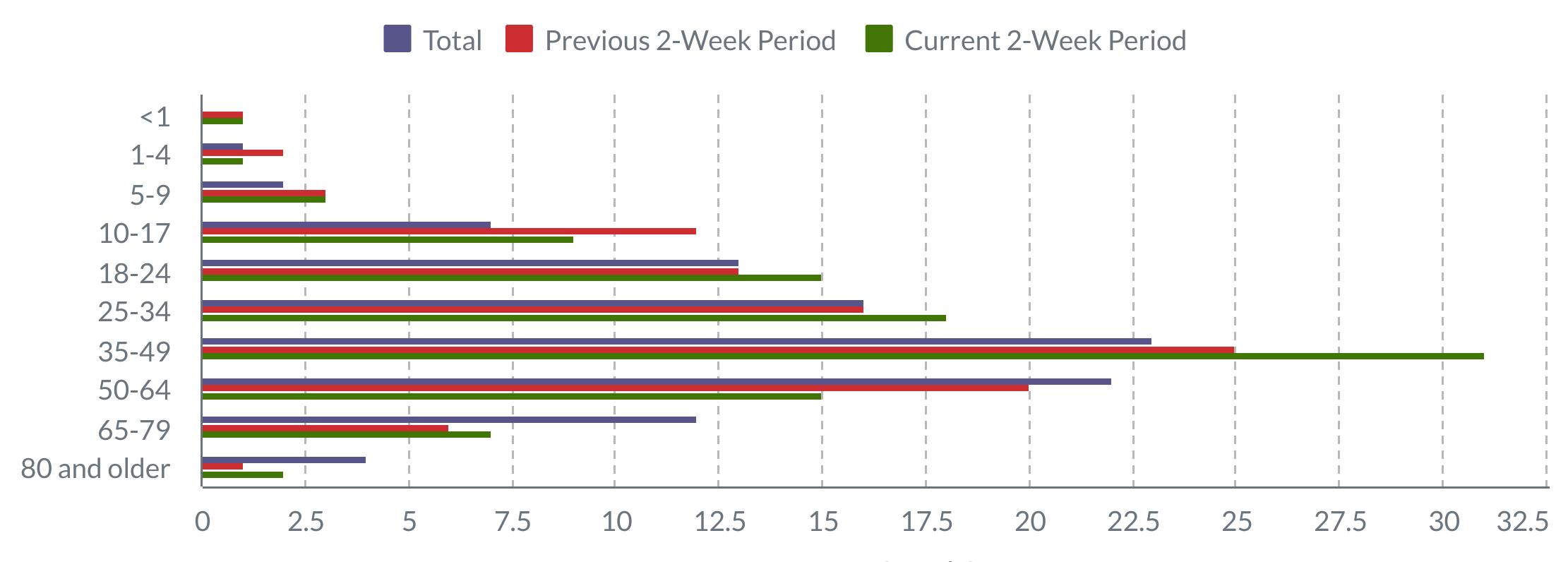
Total Number of Confirmed and	
Presumptive Cases	50,684
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4422 (8.72%)
Deaths	1368 (2.7%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	918 (67.111%)

94 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 94 per 100,000**population (n=503; population=530,945). The previous 2-week period Incidence Rate was 88 per 100,000 population (n=471).

County	Total Confirmed Cases as of 5/2/2021 6PM	Total Presumptive Cases as of 5/2/2021 6PM	Total Presumptive and Confirmed Cases 5/2/2021	Total Presumptive and Confirmed Cases 4/25/2021	Percent Change Between 4/25/2020- 5/2/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3835	652	4487	4472	0.3%	335	127
Bibb	13333	2379	15712	15623	0.6%	1801	439
Crawford	525	136	661	657	0.6%	69	19
Hancock	832	75	907	908	-0.1%	108	65
Houston	10055	4412	14467	14348	0.8%	916	252
Jasper	678	714	1392	1380	0.9%	68	38
Jones	1576	417	1993	1980	0.7%	166	57
Monroe	1860	751	2611	2594	0.7%	206	100
Peach	1854	772	2626	2591	1.4%	235	59
Putnam	1797	380	2177	2165	0.6%	164	57
Twiggs	513	201	714	709	0.7%	102	42
Washington	1617	400	2017	2005	0.6%	130	85
Wilkinson	731	189	920	916	0.4%	122	28
Total	39206	11478	50684	50348	0.7%	4422	1368

Age Distribution of Cases

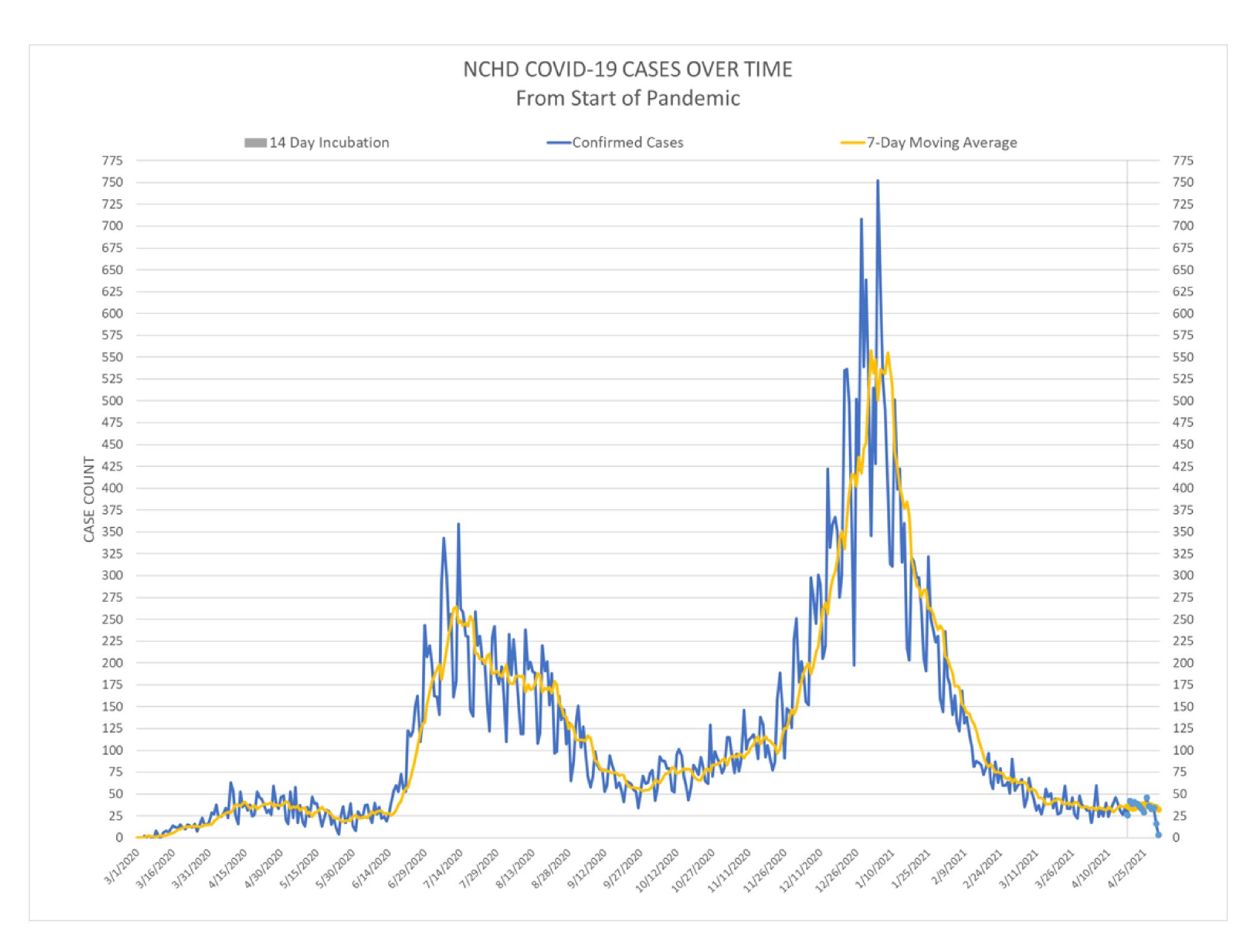


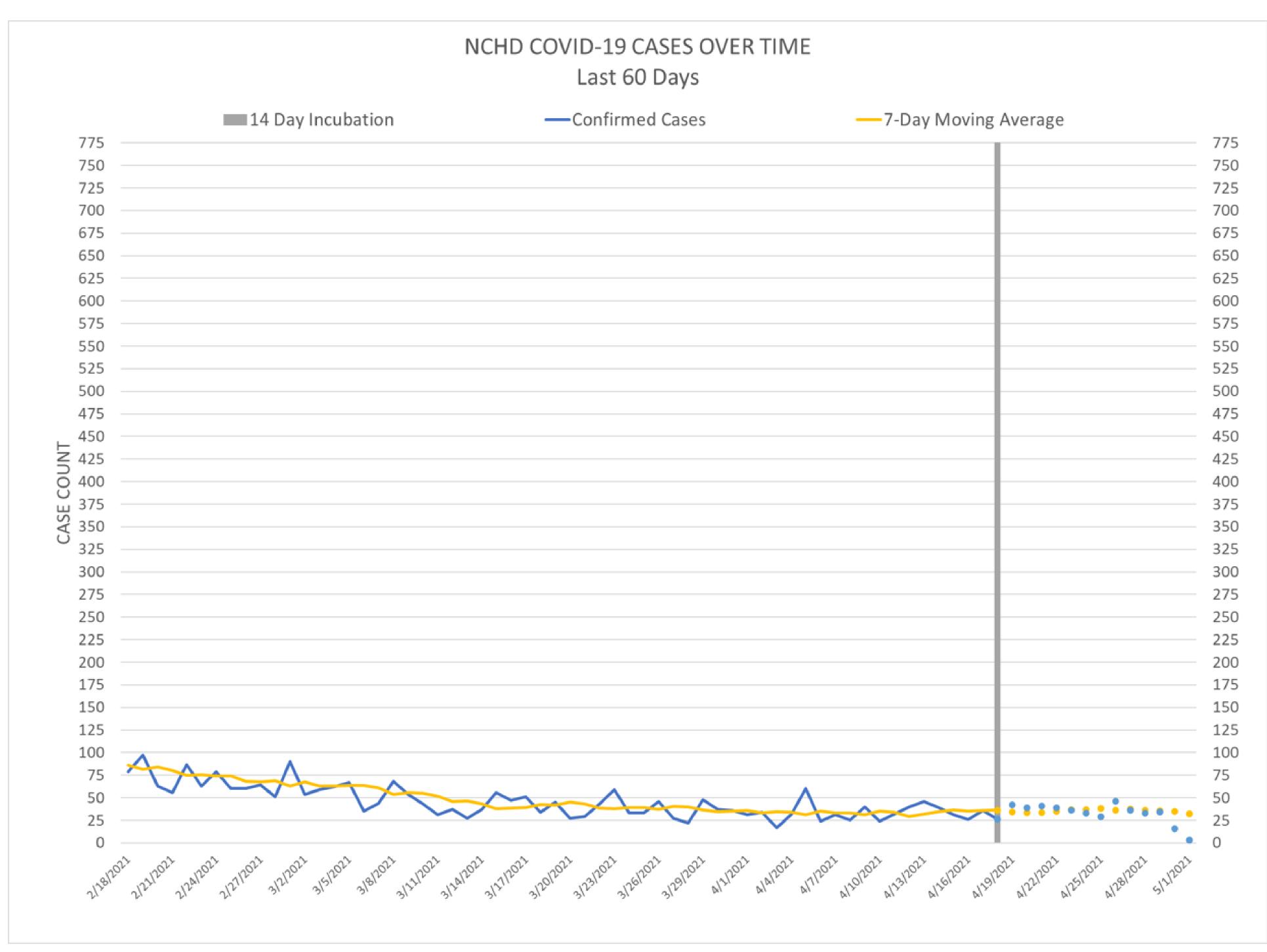
Percentage of Total Cases

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

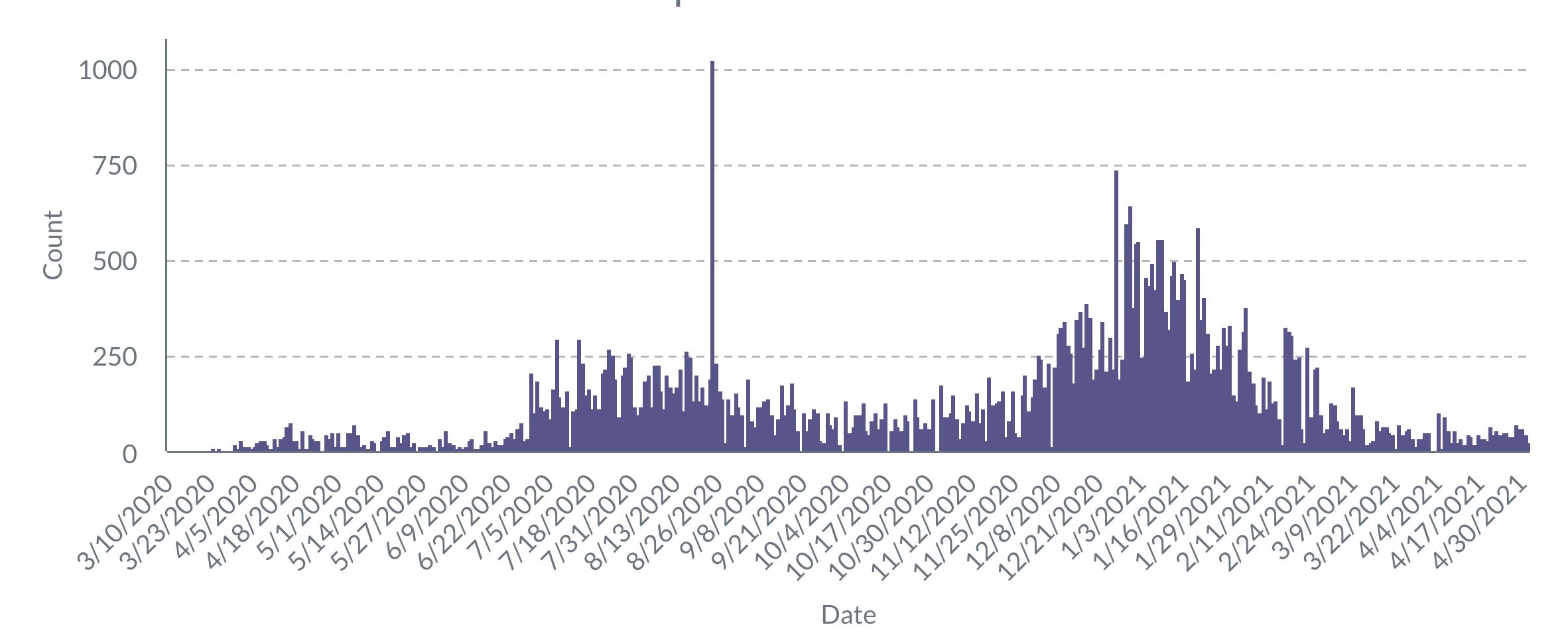




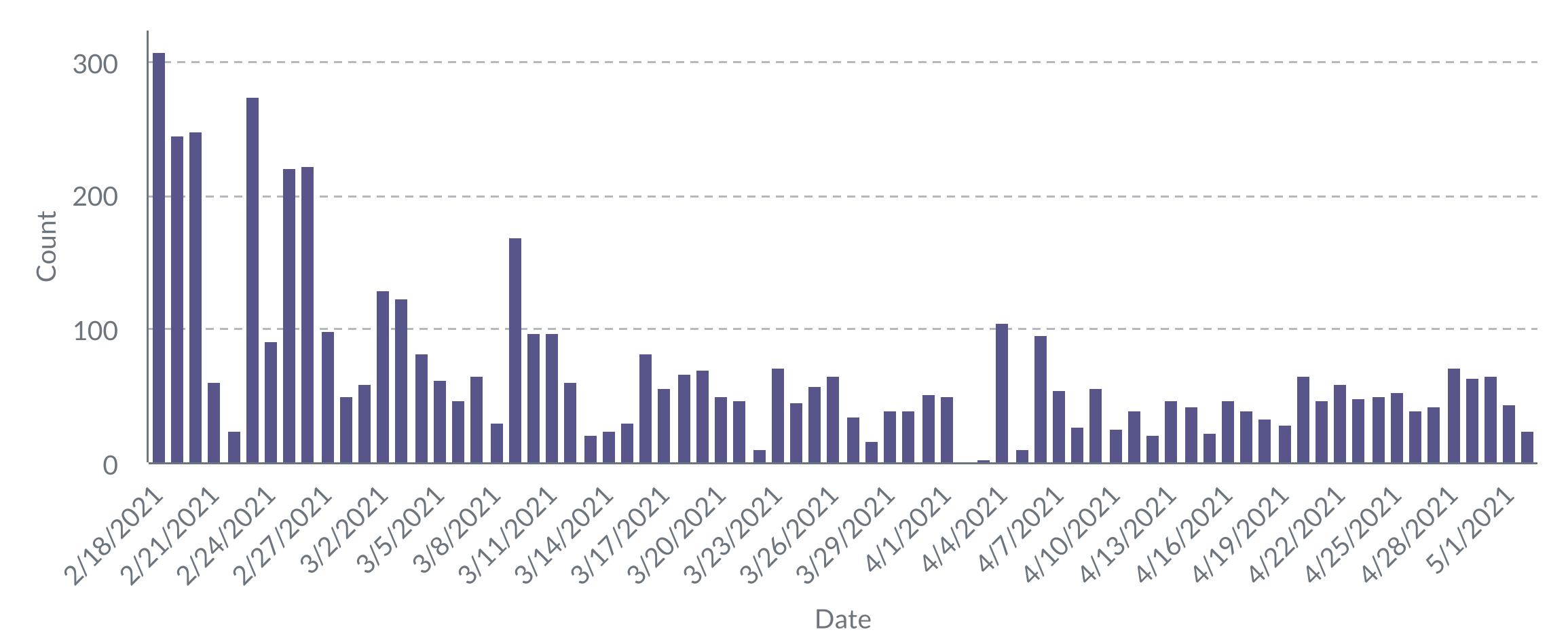
The date indicated for the newly confirmed COVID-19 cases is based on the combination of dates based on: 1)date of symptom onset; 2)if the date is invalid or missing, the first positive collection date is used and 3) if both of those dates are invalid or missing, the date the case is reported is used.

^{* 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.

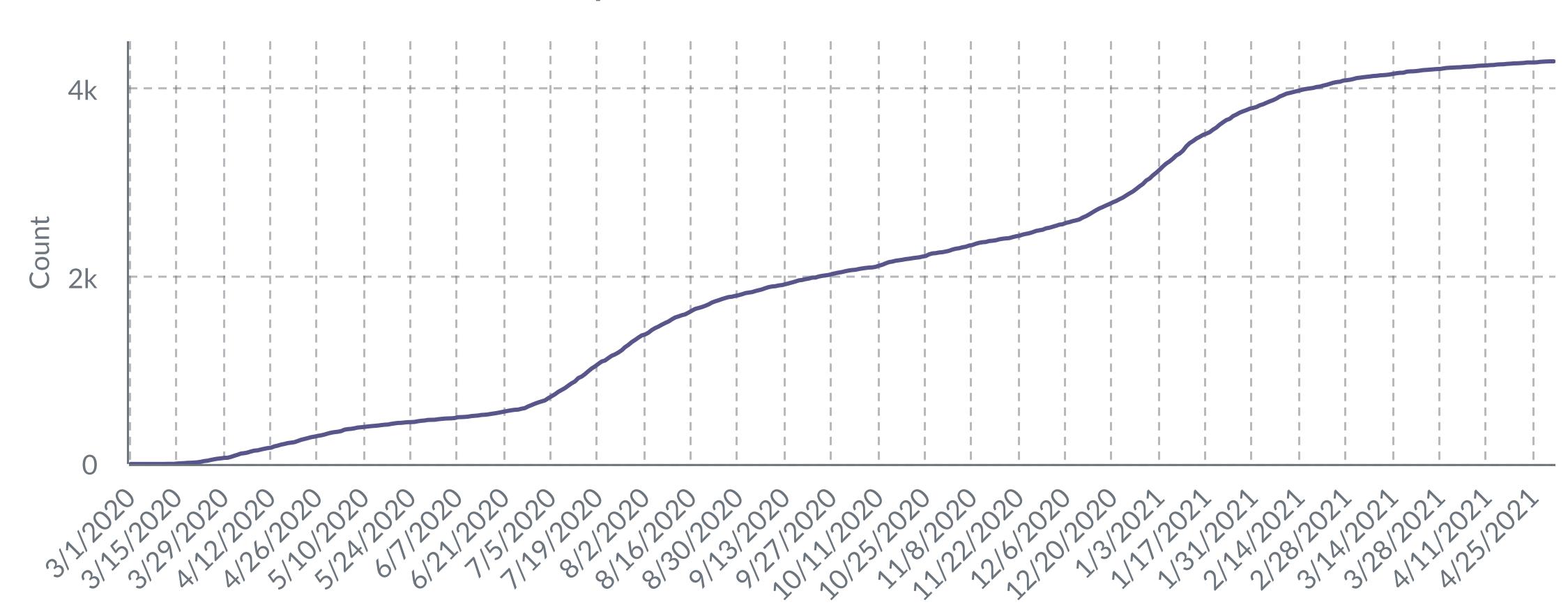
Number of Positive Confirmed and Presumptive COVID-19 Cases By Day of Report to NCHD



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



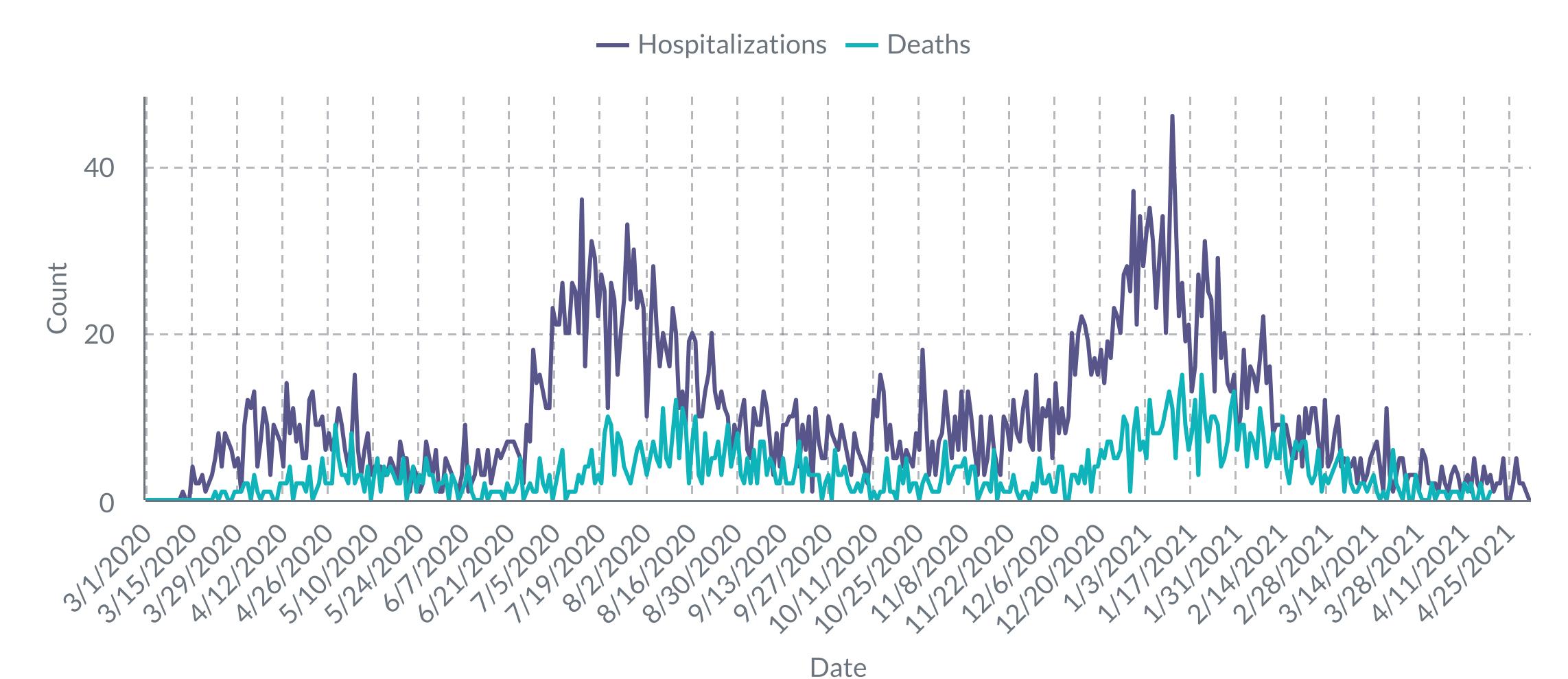
Hospitalizations Over Time



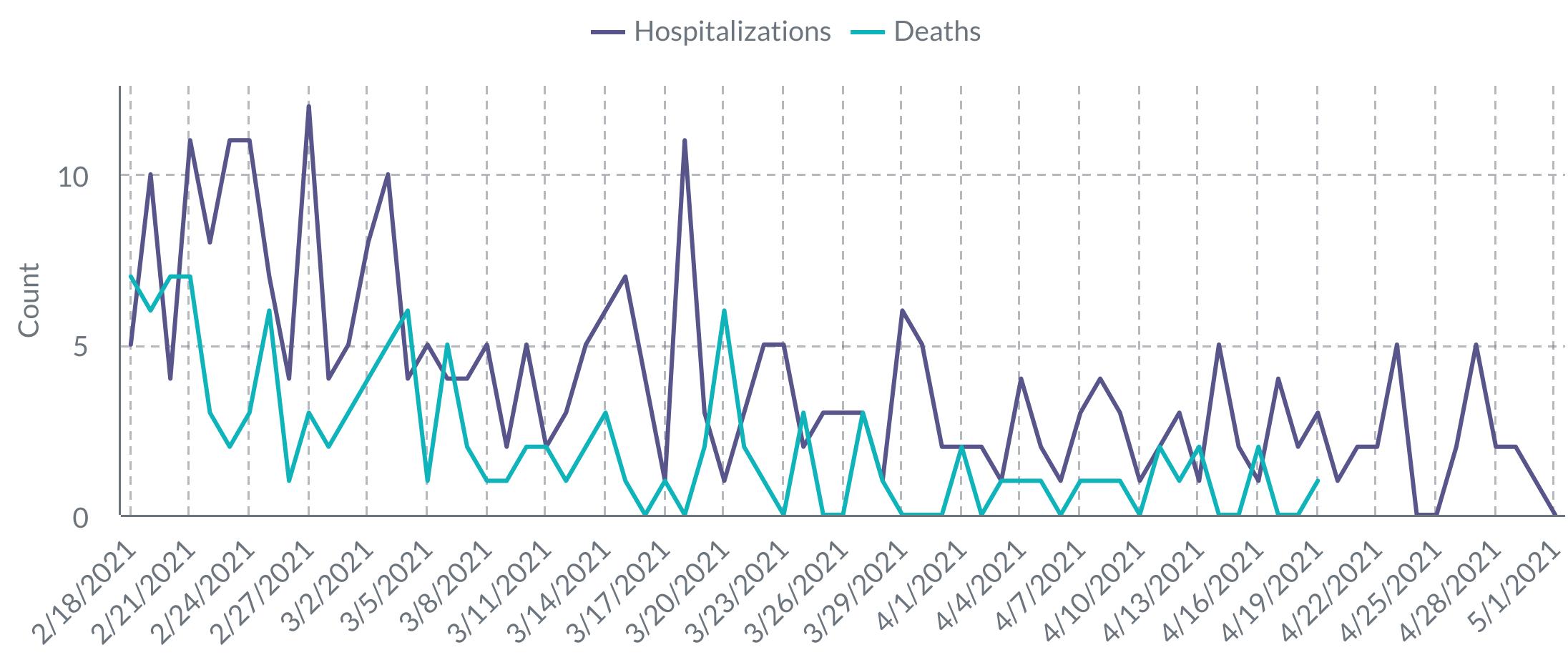
Deaths Over Time



Hospitalizations and Death By Date of Occurrence



Hospitalizations and Death By Date of Occurrence Past 60 Days

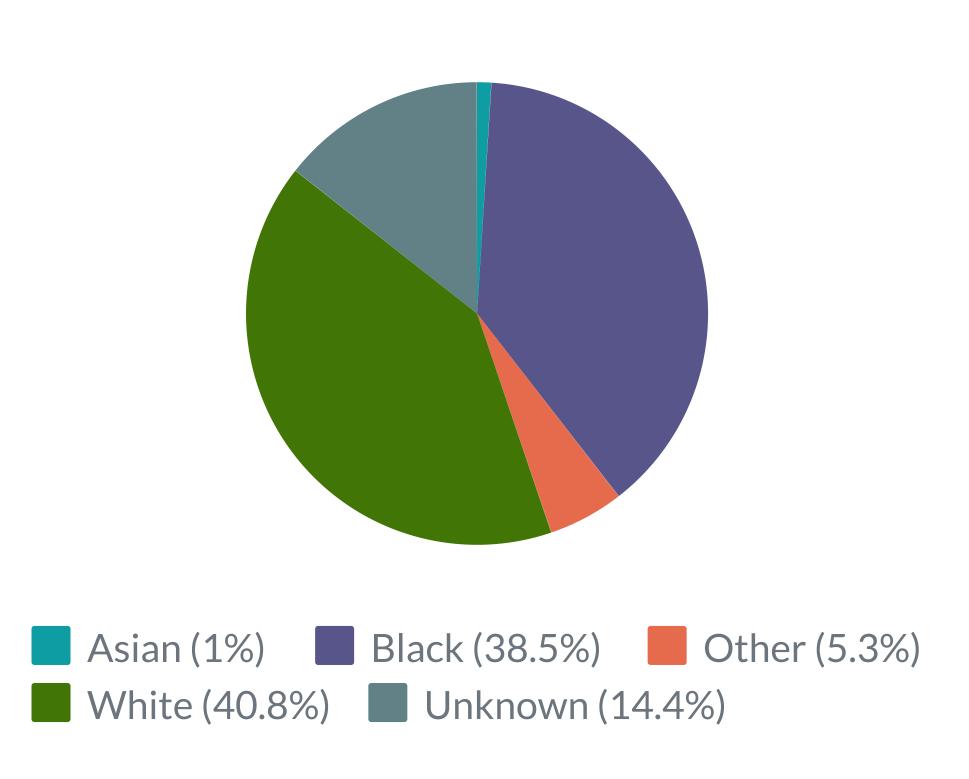


7% of Cases have been identified as Healthcare Workers.

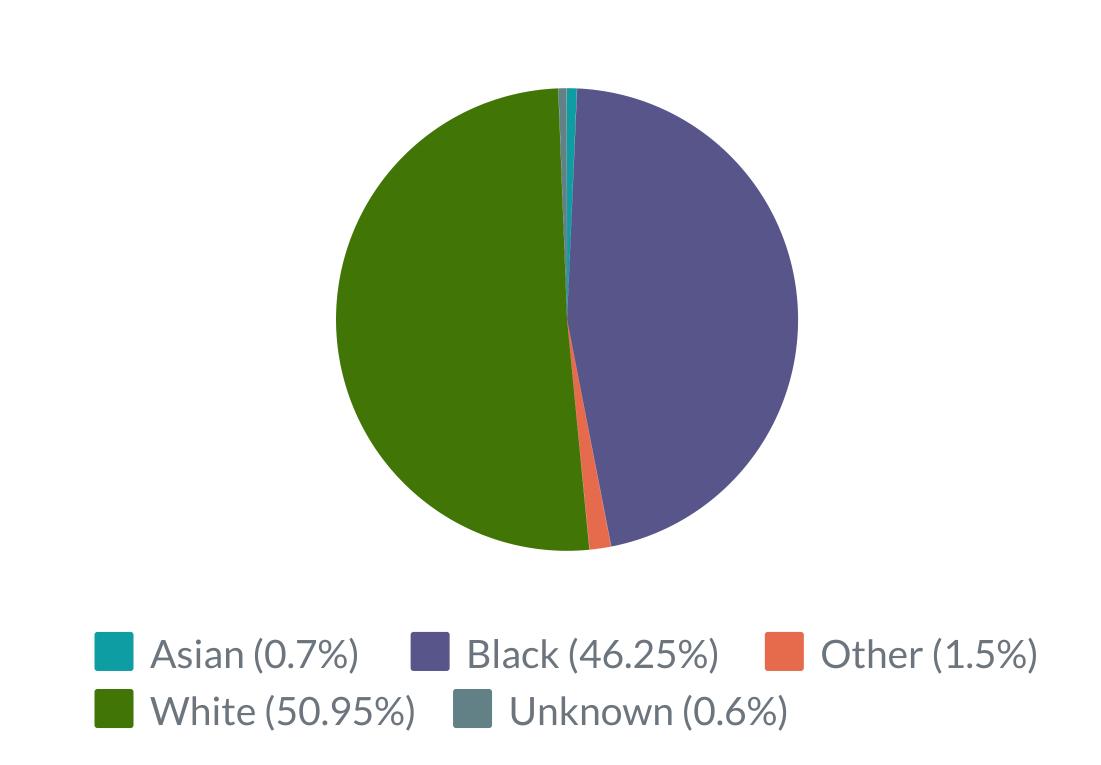
33% of Deaths are associated with a congregate setting outbreak.

7% of Cases are associated with a congregate setting outbreak.

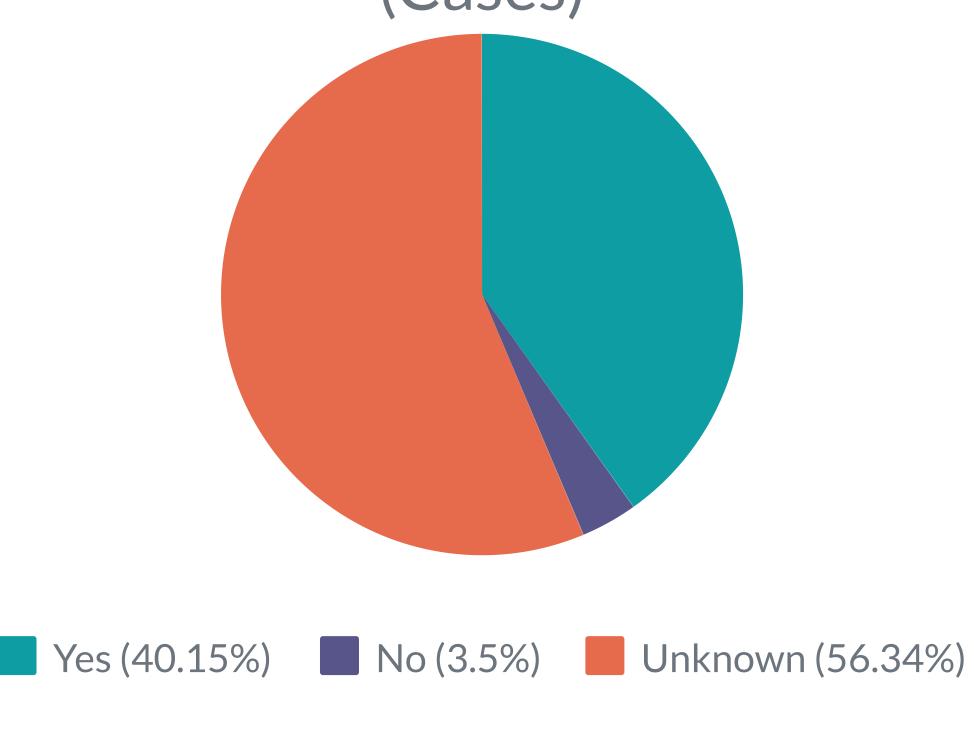
Race Distribution of Cases



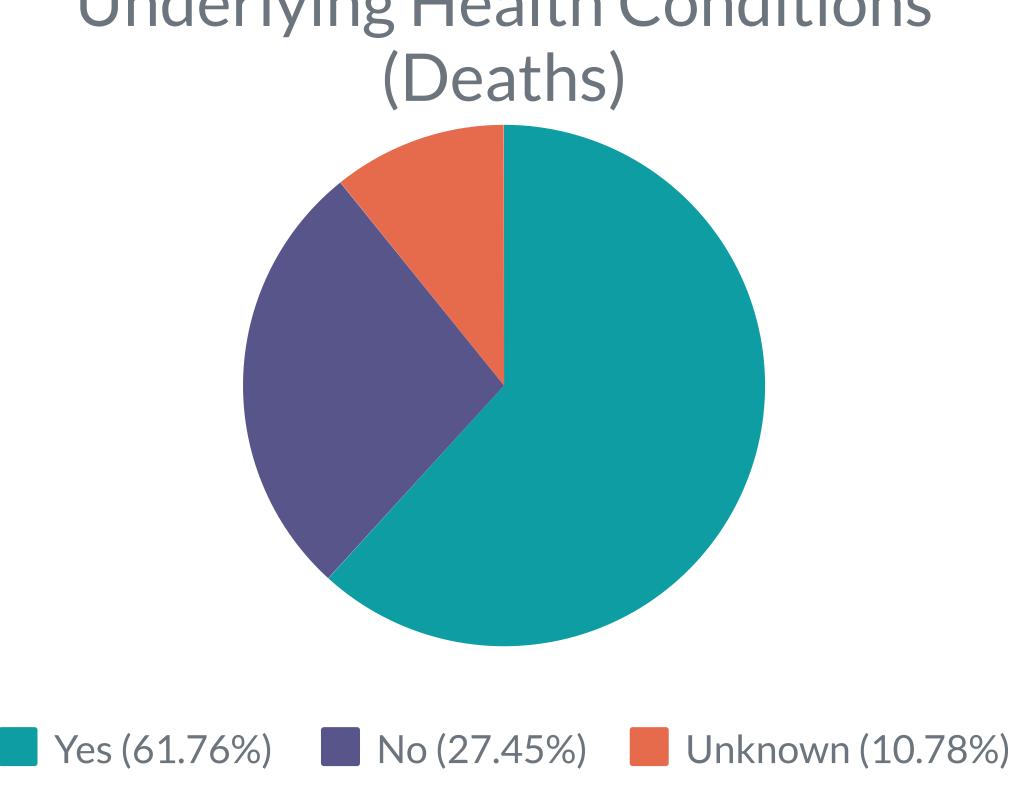
Race Distribution of Deaths



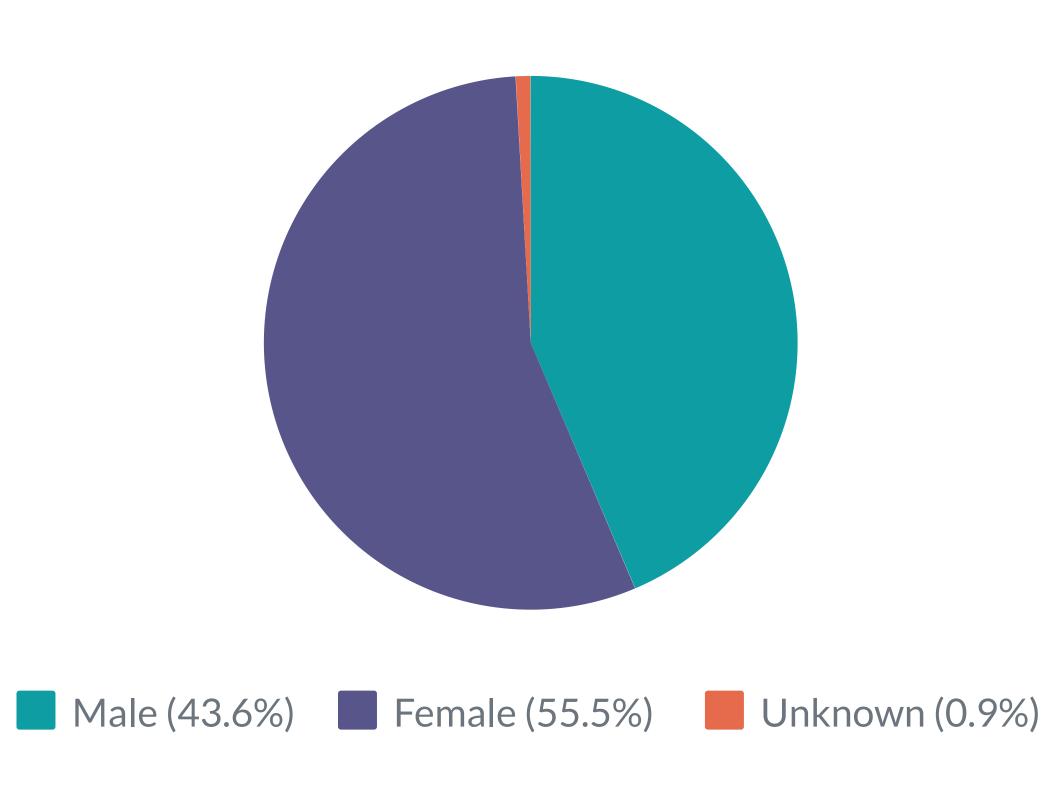
Underlying Health Conditions (Cases)



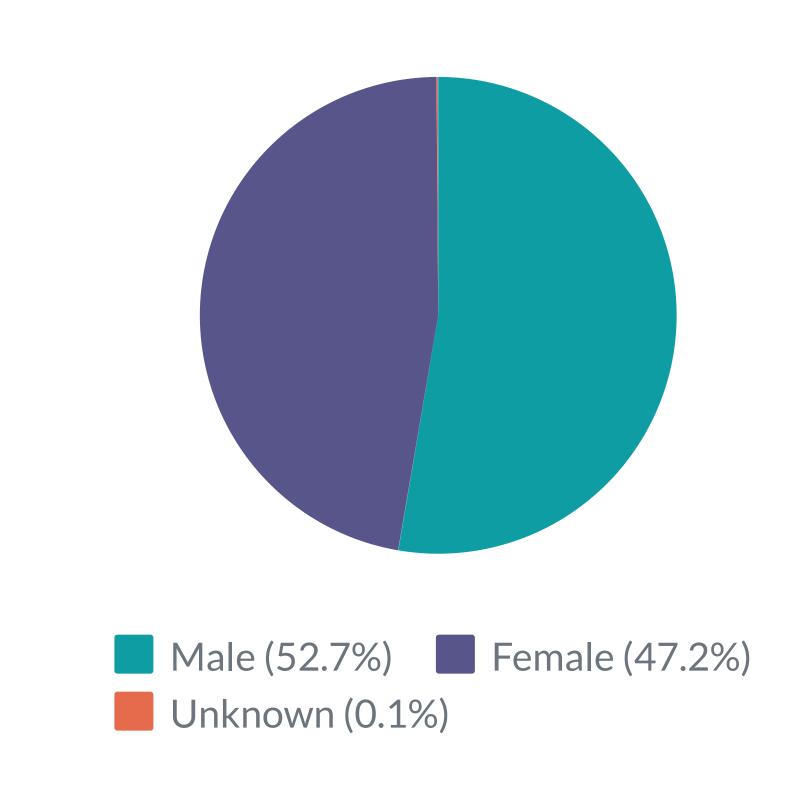
Underlying Health Conditions



Gender Distribution of Cases



Gender Distribution of Deaths



Baldwin County - Moderate Spread

Since 4/17/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 7.1% of COVID-19 PCR tests were positive during the 14-day period (4/17 - 4/30/2021).

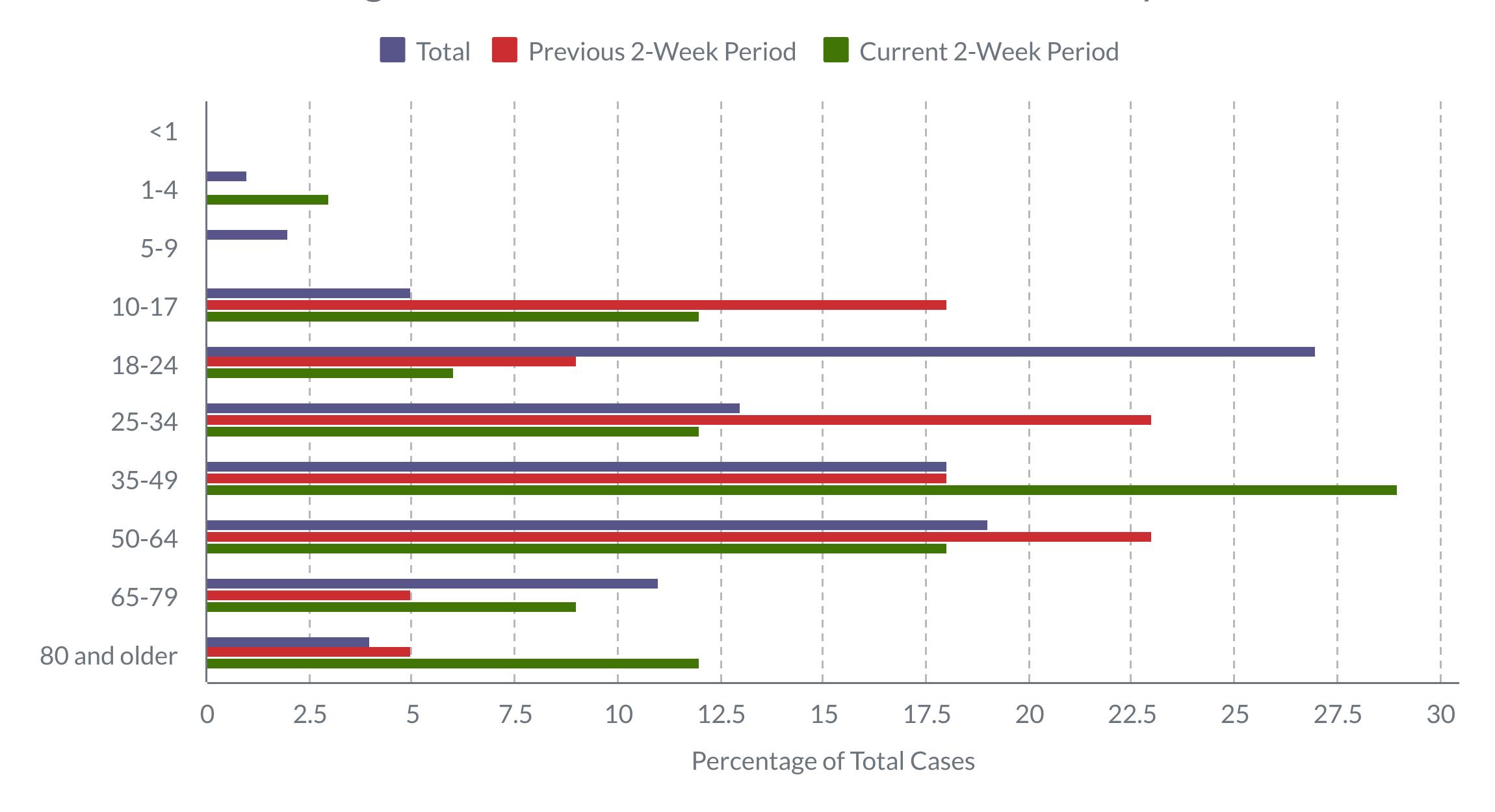
76 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 76 per 100,000 population (n=34; population=44,823)**. The previous 2-week Incidence Rate was 49 (n=22) per 100,000 population.

55%

55% increase in newly Confirmed COVID-19 Cases amongst Baldwin County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Baldwin County



Current 2-week Period Outbreak Related Cases The cases reported in Baldwin County for the Current 2-week period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting.

100% of cases reported during that timeframe in Baldwin County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 13% (n=593) of cases reported in Baldwin County have been linked to an outbreak.

Bibb County - Moderate Spread

AREA OF CONCERN: Since 4/17/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 4.7% of COVID-19 PCR tests were positive during the 14-day period (4/17 - 4/30/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Bibb County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

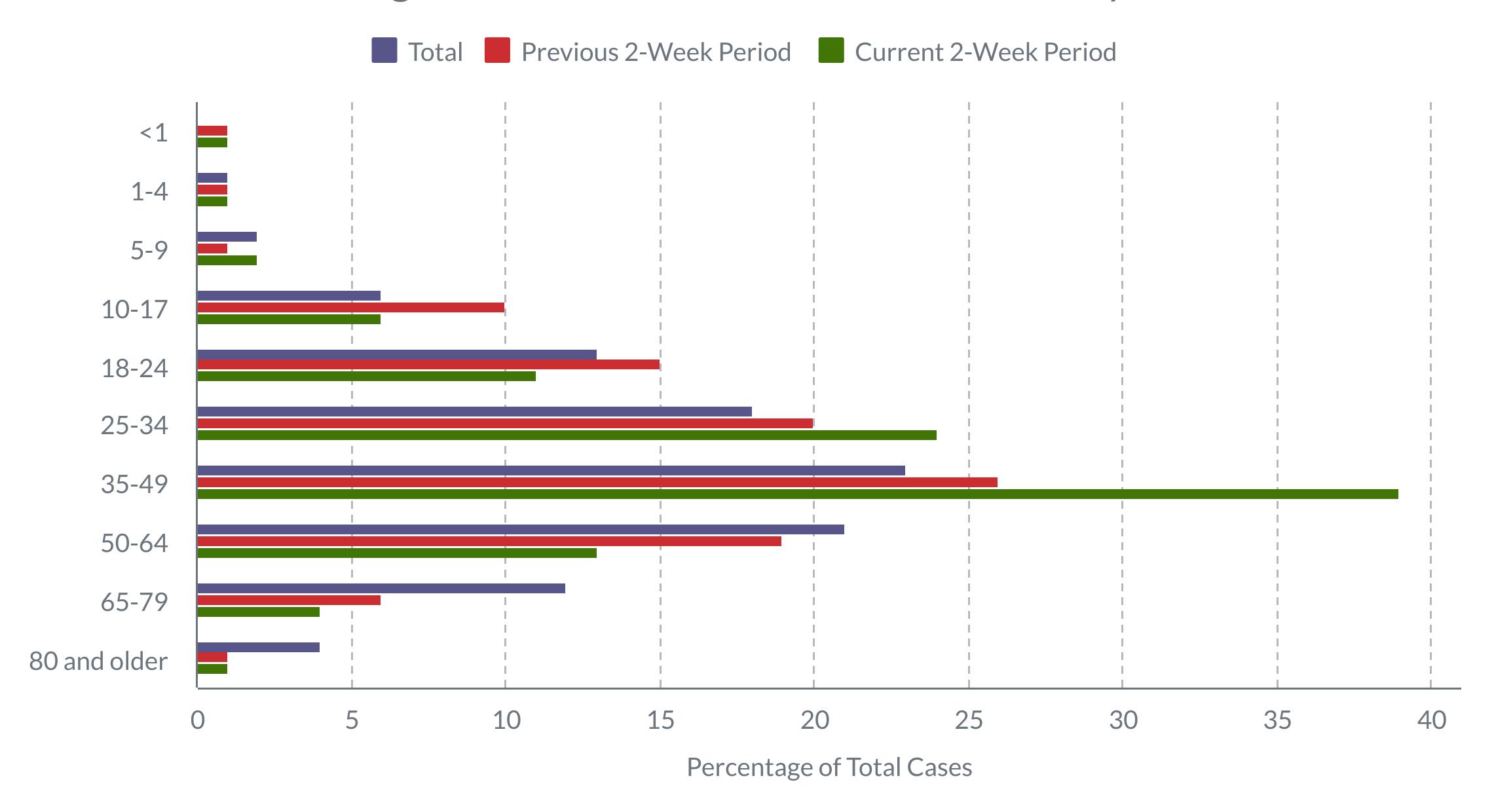
88 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Bibb County residents from **the Current 2-Week Period was 88 per 100,000 population (n=135; population=153,095)**. The previous 2-week Incidence Rate was 94 (n=144) per 100,000 population.



6% decrease in newly Confirmed COVID-19 Cases amongst Bibb County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Bibb County



Current 2-week Period Outbreak Related Cases The cases reported in Bibb County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Bibb County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=910) of cases reported in Bibb County have been linked to an outbreak.

Crawford County - Minimal Spread

Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 3.2% of COVID-19 PCR tests were positive during the 14-day period (4/17 - 4/30/2021).

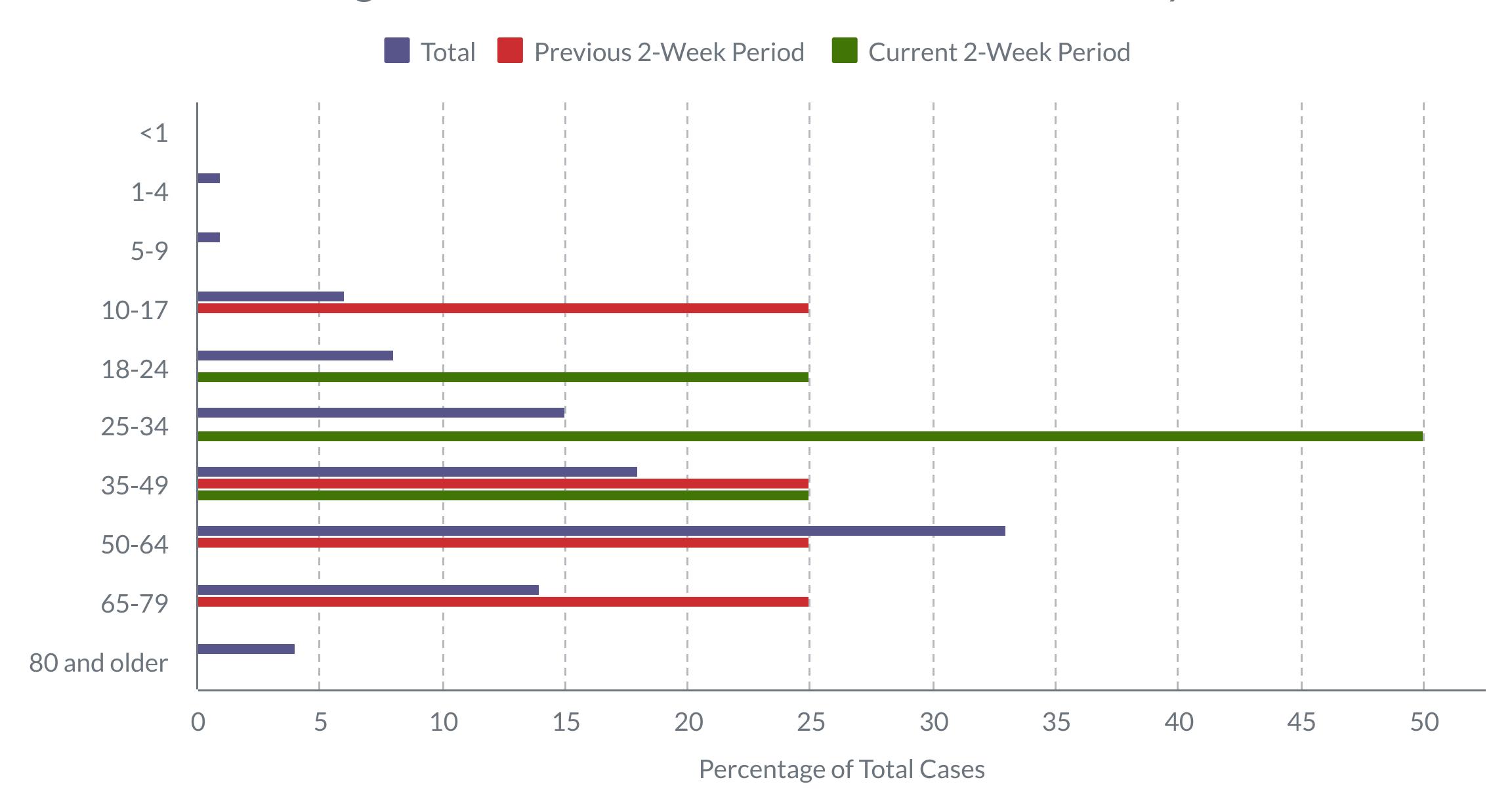
32 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Crawford County residents from **the Current 2-week period was 32 per 100,000 population (n=4; population=12,318)**. The previous 2-week Incidence Rate was 32 (n=4) per 100,000 population.

0%

No change in newly Confirmed COVID-19 Cases amongst Crawford County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Crawford County



Current 2-week Period Outbreak Related Cases The cases reported in Crawford County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Crawford County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 10% (n=69) of cases reported in Crawford County have been linked to an outbreak.

Hancock County - Minimal Spread

Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 4.4% of COVID-19 PCR tests were positive during the 14-day period (4/17 - 4/30/2021).

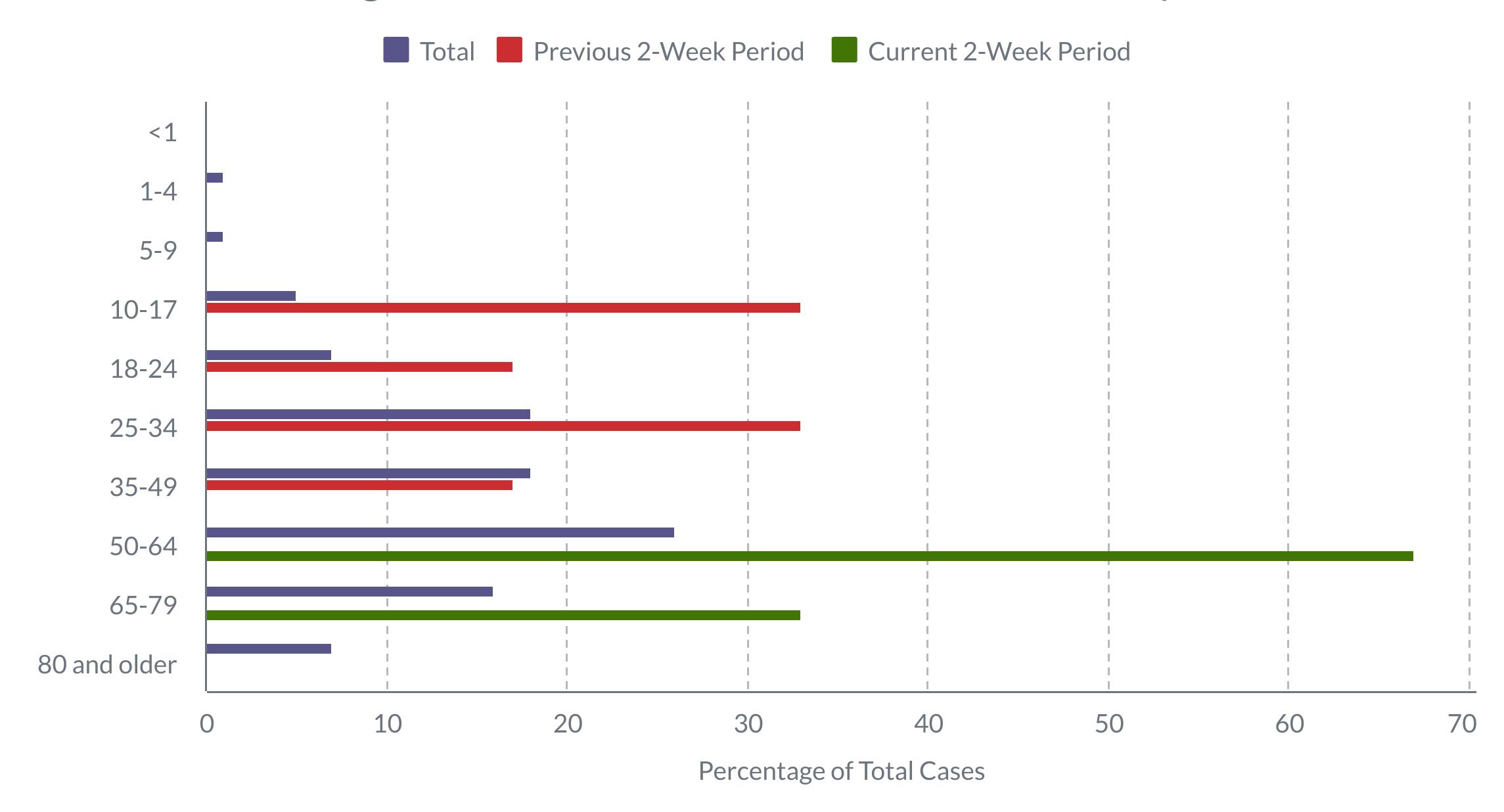


The incidence rate of COVID-19 for Hancock County residents from **the Current 2-week period was 36 per 100,000 population (n=3; population=8,348)**. The previous 2-week Incidence Rate was 71 (n=6) per 100,000 population.



50% decrease in newly Confirmed COVID-19 Cases amongst Hancock County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Hancock County



Current 2-week Period Outbreak Related Cases The cases reported in Hancock County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Hancock County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 34% (n=305) of cases reported in Hancock County have been linked to an outbreak.

Houston County - Substantial Spread

AREA OF CONCERN: Since 4/17/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 6.8% of COVID-19 PCR tests were positive during the 14-day period (4/17- 4/30/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19 and ILI Syndromes, have increased amongst Houston County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

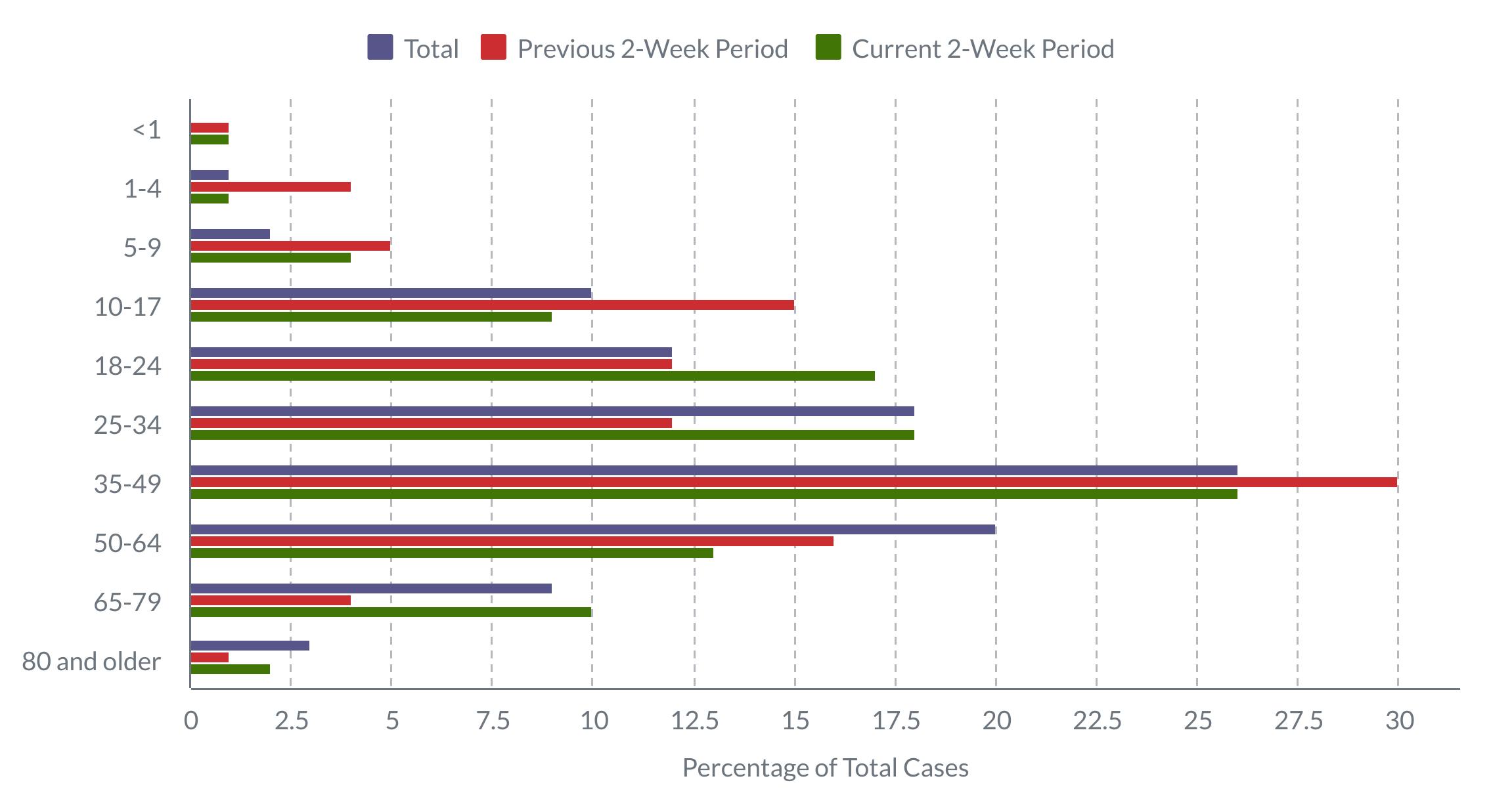
119 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Houston County residents from the Current 2-Week Period was 119 per 100,000 population (n=188; population=155,469). The previous 2-week Incidence Rate was 113 (n=179) per 100,000 population.



5% decrease in newly Confirmed COVID-19 Cases amongst Houston County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Houston County



2%

Current 2-week Period Outbreak Related Cases The cases reported in Houston County for the Current 2-Week Period associated with an outbreak account for 2% (n=3) of the total cases reported during that time county-wide. During this time period, 33% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other 98% of cases reported during that timeframe in Houston County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 4% (n=549) of cases reported in Houston County have been linked to an outbreak.

Jasper County - Moderate Spread

AREA OF CONCERN: Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 8.9% of COVID-19 PCR tests were positive during the 14-day period (4/17- 4/30/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19 and ILI Syndromes, have increased amongst Jasper County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

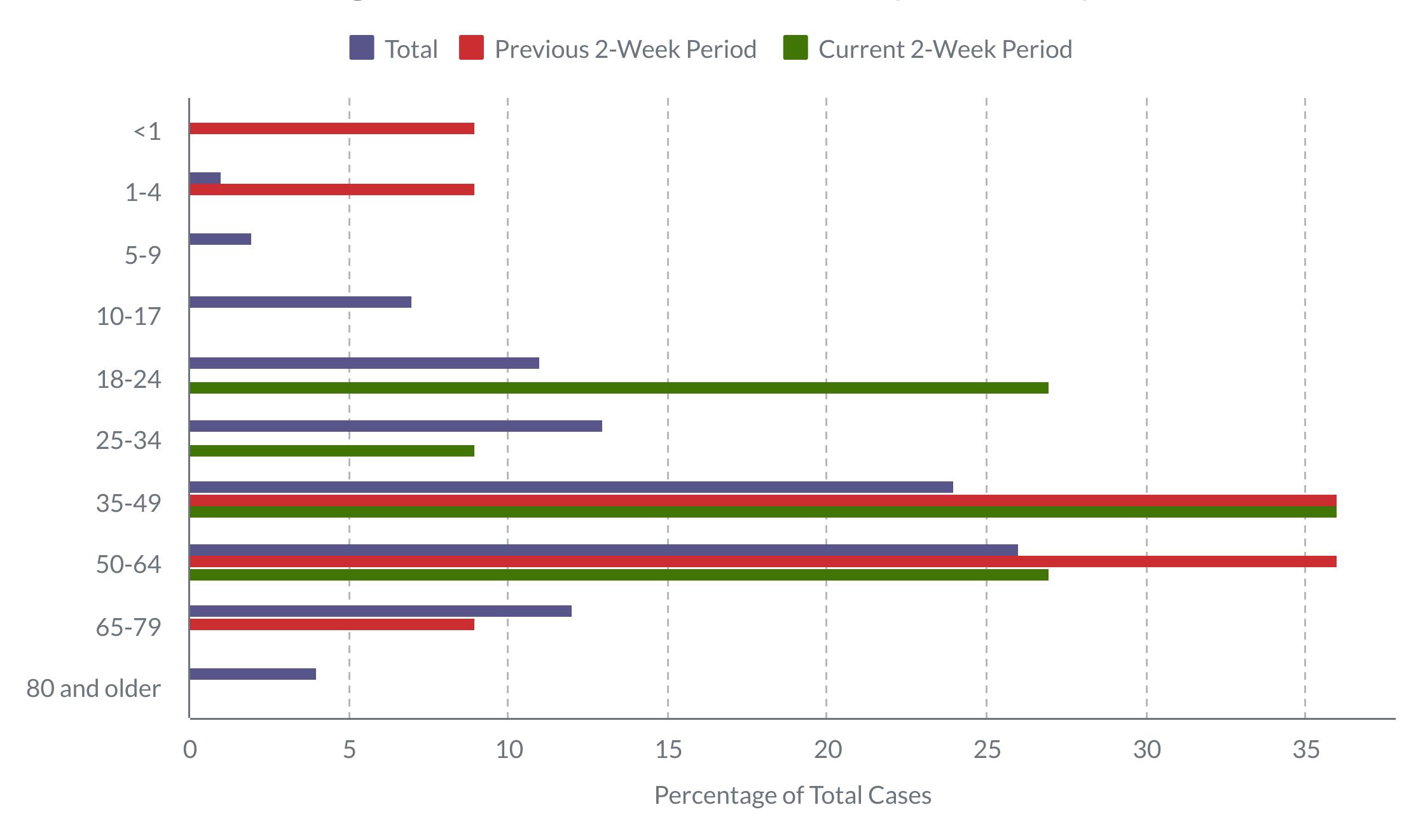
777 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 77 per 100,000 population (n=11; population=14,040)**. The previous 2-week Incidence Rate was 77 (n=11) per 100,000 population.

0%

No change in newly Confirmed COVID-19 Cases amongst Jasper County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Jasper County



Current 2-week Period Outbreak Related Cases The cases reported in Jasper County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Jasper County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 7% (n=98) of cases reported in Jasper County have been linked to an outbreak.

Jones County - Minimal Spread

AREA OF CONCERN: Since 4/17/2021,0% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 3.2% of COVID-19 PCR tests were positive during the 14-day period (4/17- 4/30/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Jones County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

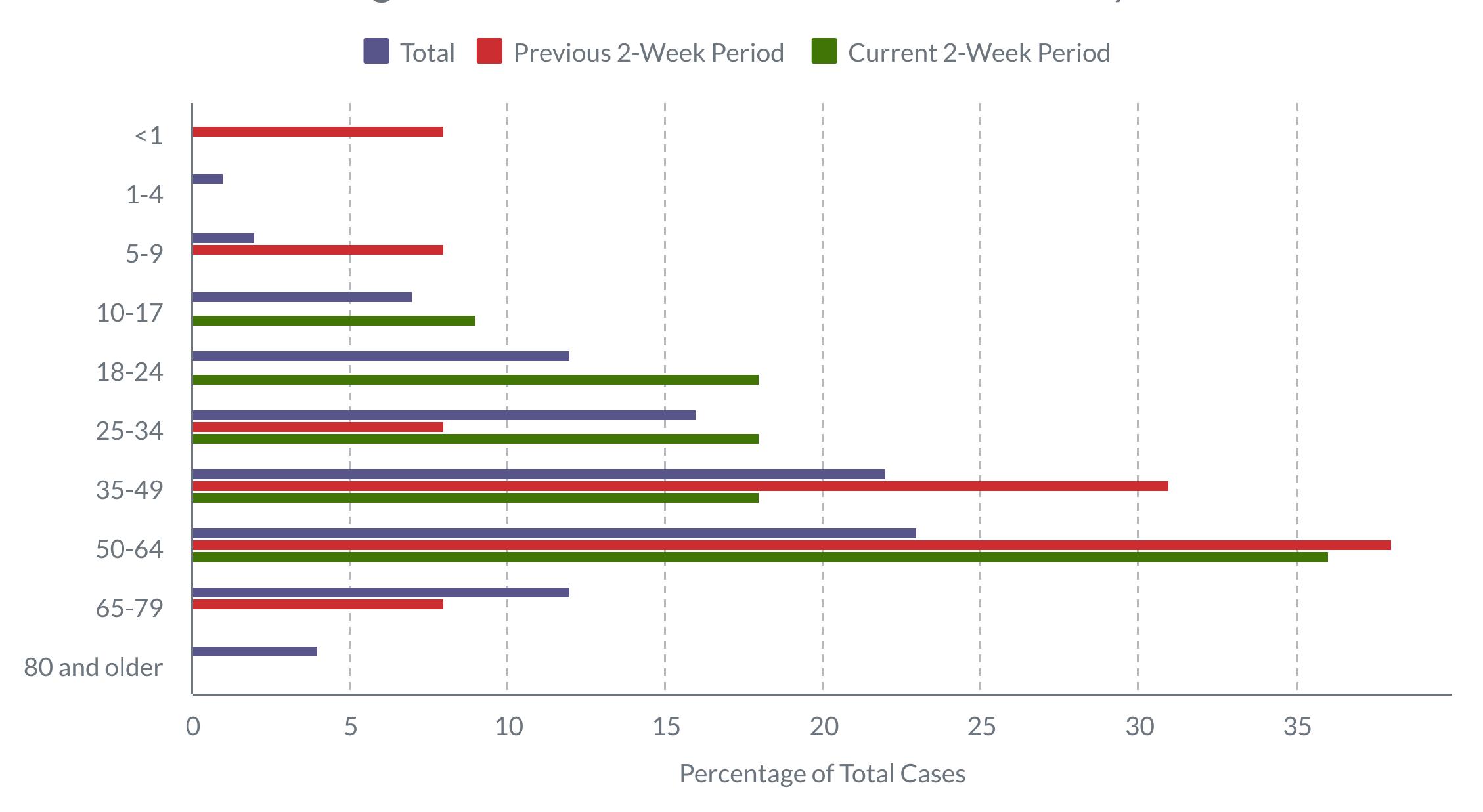
38
Current 14-Day
Incidence Rate

The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 38 per 100,000 (n=11; population=28,616)**. The previous 2-week Incidence Rate was 45 (n=13) per 100,000 population.



15% decrease in newly Confirmed COVID-19 Cases amongst Jones County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Jones County



0%

Current 2-week Period Outbreak Related Cases The cases reported in Jones County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Jones County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=122) of cases reported in Jones County have been linked to an outbreak.

Monroe County - Moderate Spread

AREA OF CONCERN: Since 4/17/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 4.6% of COVID-19 PCR tests were positive during the 14-day period (4/17- 4/30/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19 and ILI Syndromes, have increased amongst Monroe County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

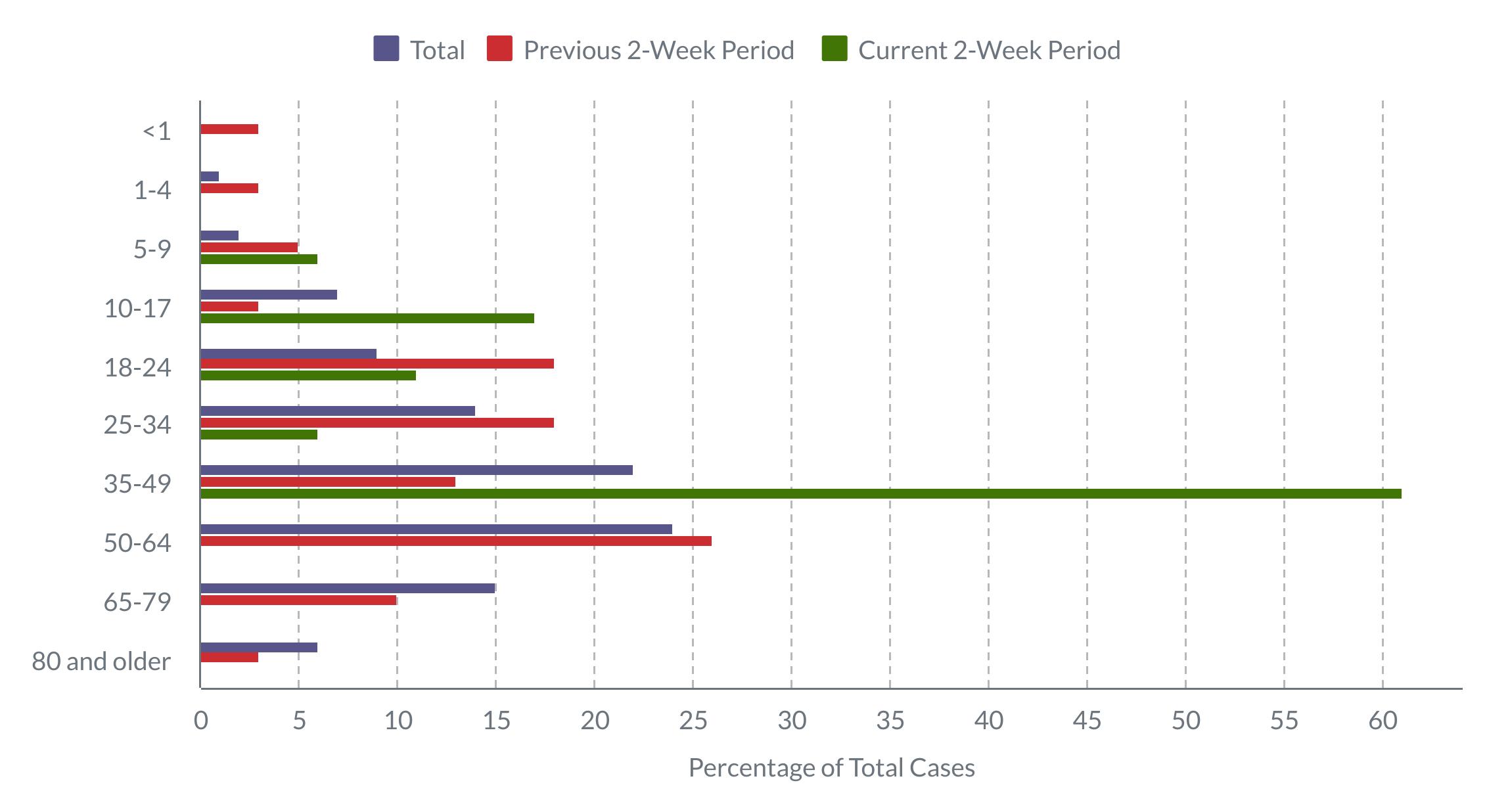


The incidence rate of COVID-19 for Monroe County residents from the **Current 2-Week Period was 65 per 100,000 population (n=18; population=27,520)**. The previous 2-week Incidence Rate was 141 (n=39) per 100,000 population.



54% decrease in newly Confirmed COVID-19 Cases amongst Monroe County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Monroe County



Current 2-week Period Outbreak Related Cases The cases reported in Monroe County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Monroe County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 10% (n=274) of cases reported in Monroe County have been linked to an outbreak.

Peach County - Substantial Spread

AREA OF CONCERN: Since 4/17/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 6.2% of COVID-19 PCR tests were positive during the 14-day period (4/17-4/30/2021). Confirmed case counts have increased amongst Peach County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

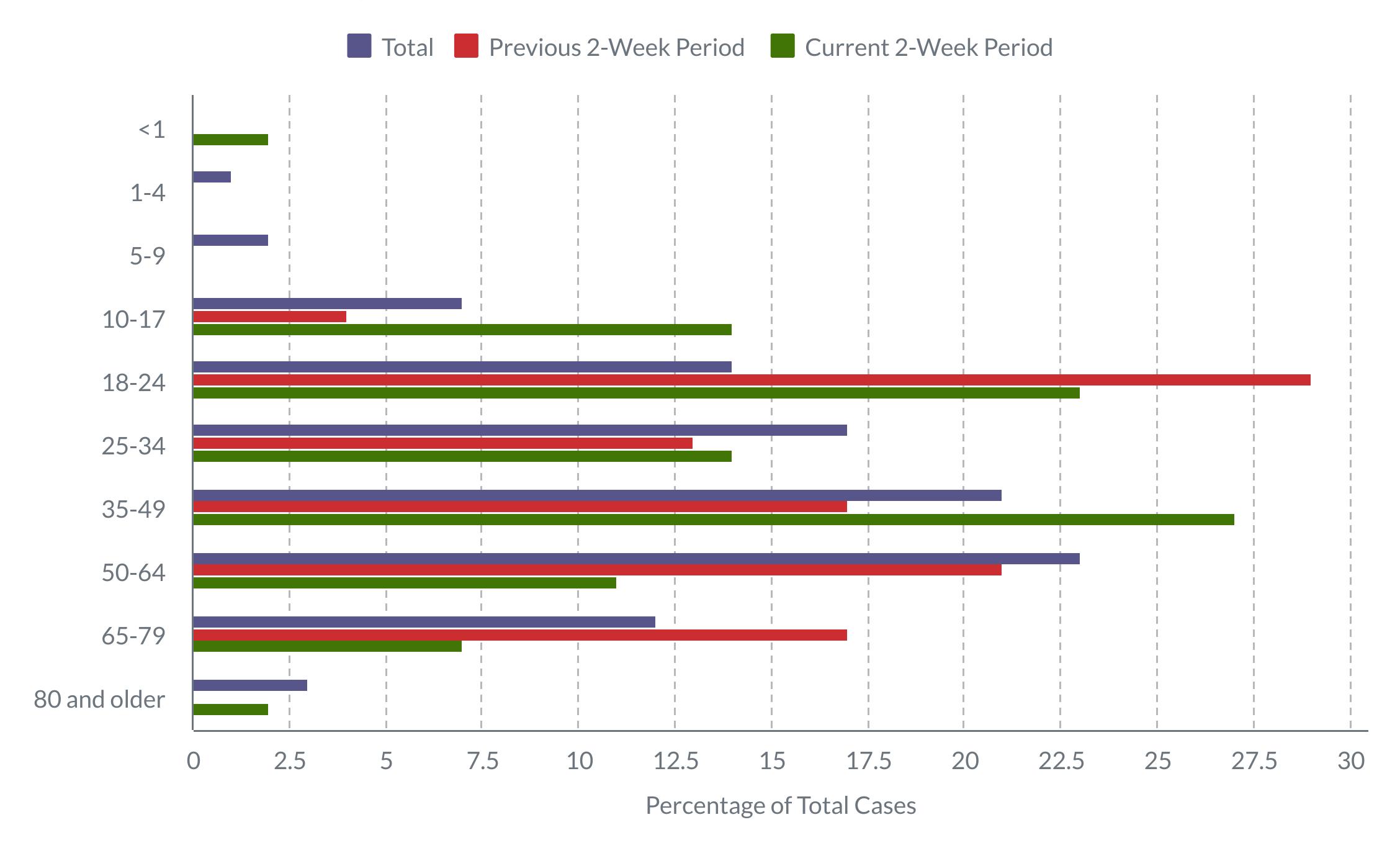
160 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Peach County residents from the **Current 2-Week Period was 160 per 100,000 population (n=44; population=27,297)**. The previous 2-week Incidence Rate was 87 (n=24) per 100,000 population.

A 83%

83% increase in newly Confirmed COVID-19 Cases amongst Peach County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Peach County



Current 2-week Period Outbreak Related Cases The cases reported in Peach County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Peach County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 4% (n=109) of cases reported in Peach County have been linked to an outbreak.

Putnam County - Substantial Spread

AREA OF CONCERN: Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 9.4% of COVID-19 PCR tests were positive during the 14-day period (4/17-4/30/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19 and ILI Syndromes, have increased amongst Putnam County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

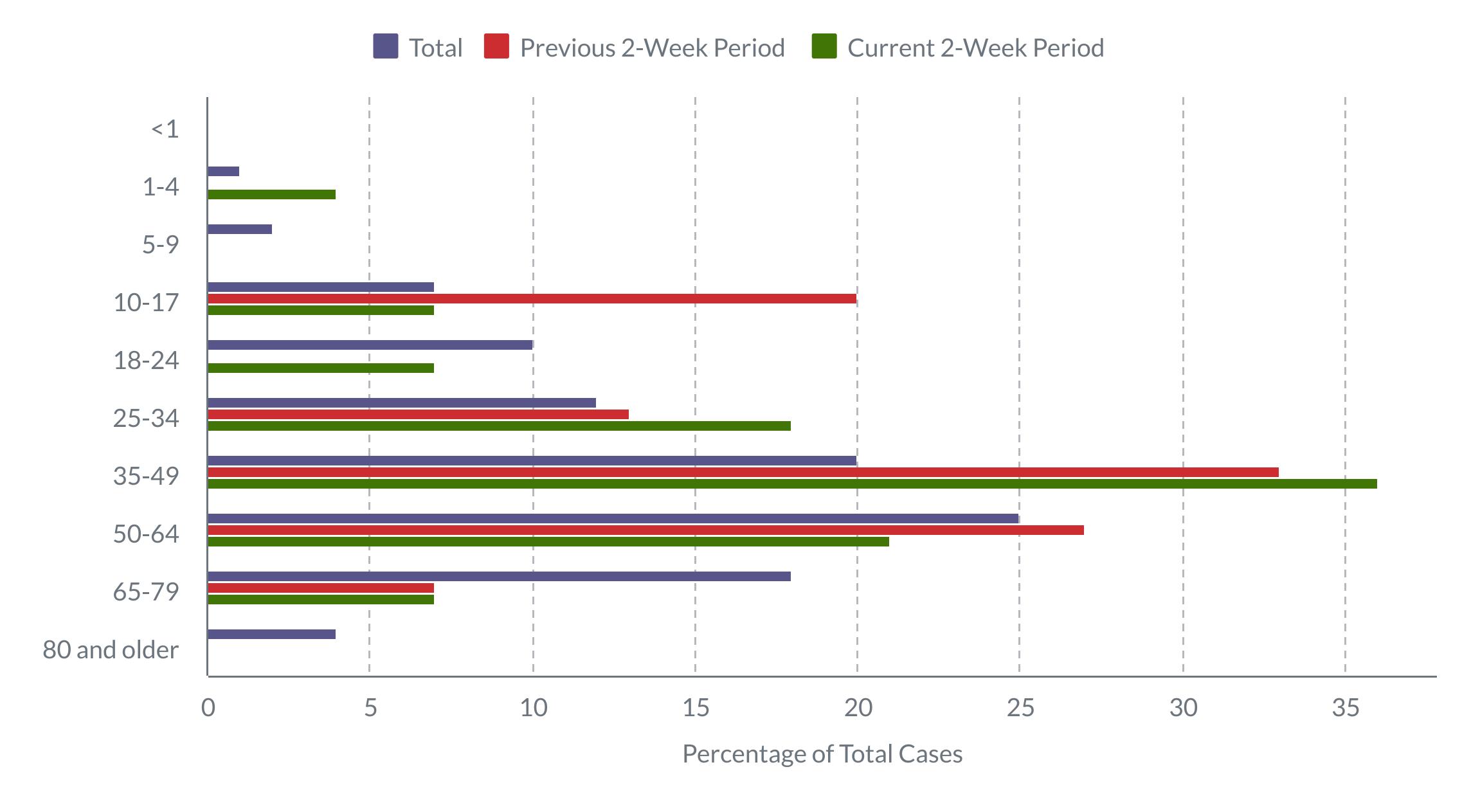
127 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 127 per 100,000 population (n=28; population=21,809)**. The previous 2-week Incidence Rate was 68 (n=15) per 100,000 population.

87%

87% increase in newly Confirmed COVID-19 Cases amongst Putnam County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Putnam County



0%

Current 2-week Period Outbreak Related Cases The cases reported in Putnam County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Putnam County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=125) of cases reported in Putnam County have been linked to an outbreak.

Twiggs County - Moderate Spread

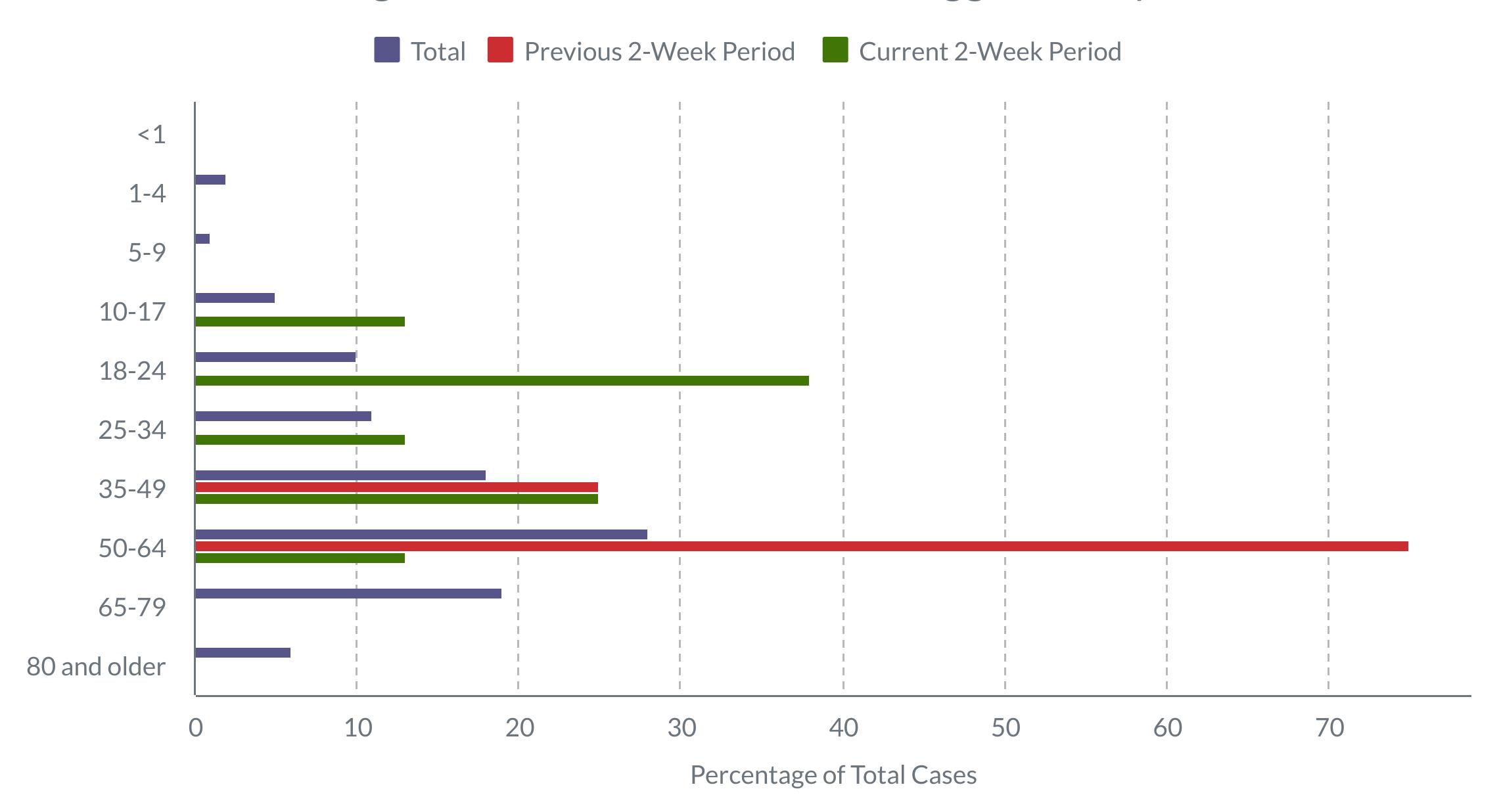
Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 4.3% of COVID-19 PCR tests were positive during the 14-day period (4/17 - 4/30/2021).

Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Twiggs County residents from the Current 2-Week Period was 99 per 100,000 population (n=8; population=8,188). The previous 2-week period Incidence Rate was 49 (n=4) per 100,000 population.

100% increase in newly Confirmed COVID-19 Cases amongst Twiggs
County residents between the Current and Previous 2-week periods.

Age Distribution of Cases in Twiggs County



Current 2-week Period Outbreak Related Cases

The cases reported in Twiggs County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Twiggs County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 16% (n=116) of cases reported in Twiggs County have been linked to an outbreak.

Washington County - Moderate Spread

AREA OF CONCERN: Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 8% of COVID-19 PCR tests were positive during the 14-day period (4/17-4/30/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19, have increased amongst Washington County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

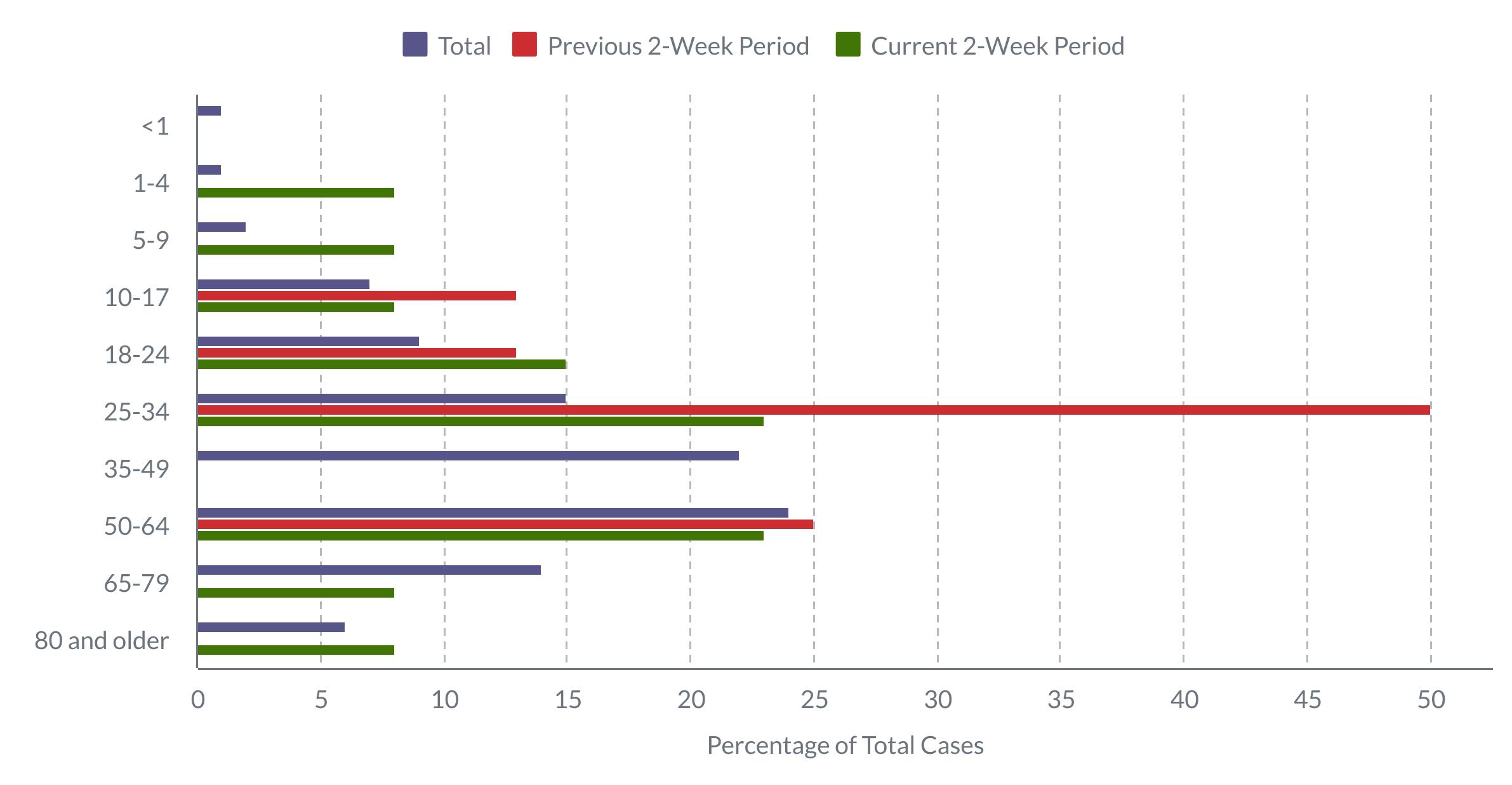


The incidence rate of COVID-19 for Washington County residents from the **Current 2-week Period was 64 per 100,000 population (n=13; population=20,386)**. The previous 2-week Incidence Rate was 39 (n=8) per 100,000 population.



63% increase in newly Confirmed COVID-19 Cases amongst Washington County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Washington County



Current 2-week Period Outbreak Related Cases The cases reported in Washington County for the Current 2-week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Washington County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 14% (n=287) of cases reported in Washington County have been linked to an outbreak.

Wilkinson County - Moderate Spread

Since 4/17/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 5.9% of COVID-19 PCR tests were positive during the 14-day period (4/17 - 4/30/2021).

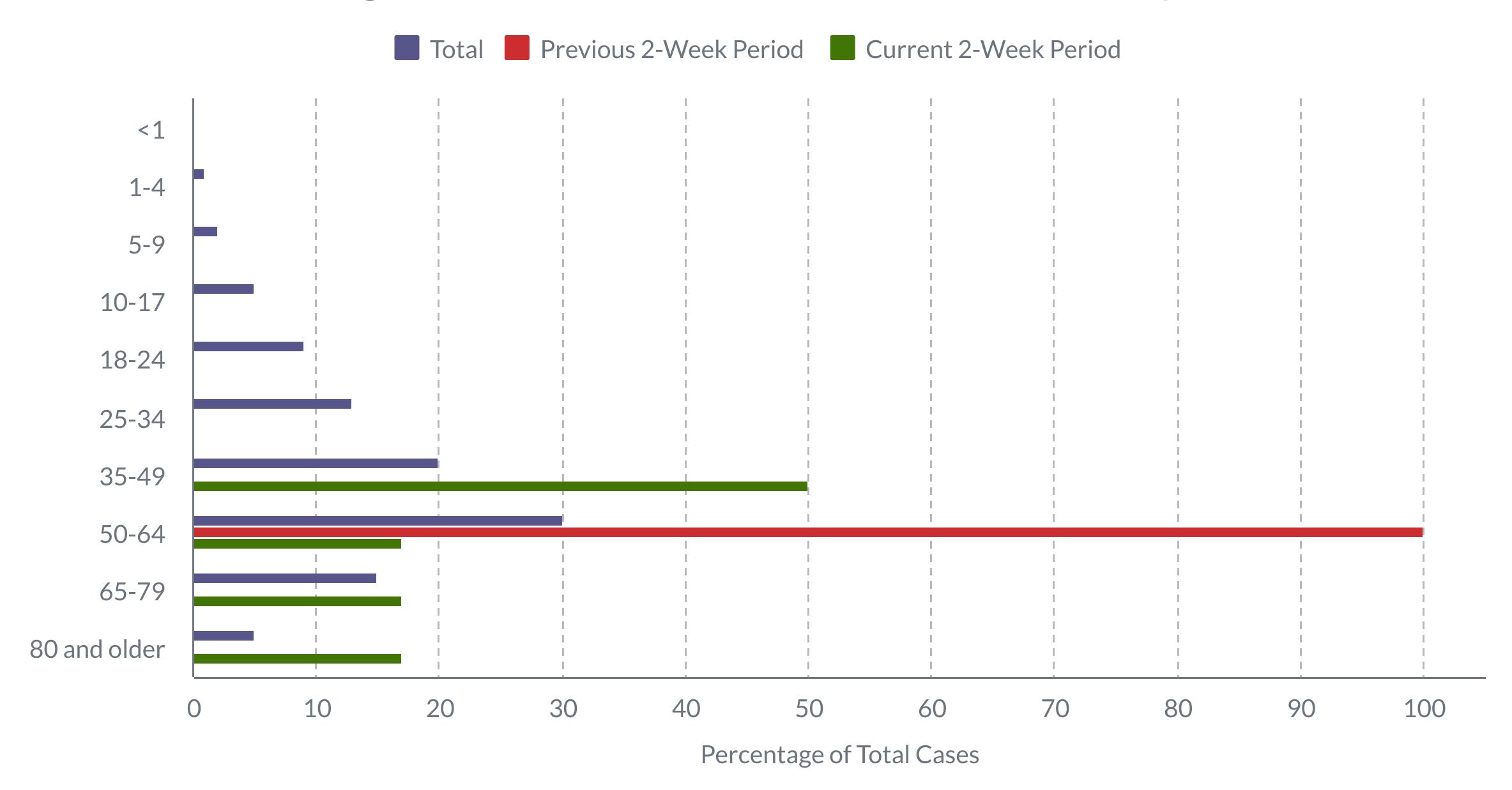
67 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period was less than 67 per 100,000 population (n=6; population=9,036). The previous 2-week Incidence Rate was 22 (n=2) per 100,000 population.

200%

200% increase in newly Confirmed COVID-19 Cases amongst Wilkinson County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Wilkinson County



Current 2-week Period Outbreak Related Cases The cases reported in Wilkinson County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. The other 100% of cases reported during that timeframe in Wilkinson County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 7% (n=68) of cases reported in Wilkinson County have been linked to an outbreak.



North Central Health District COVID-19 Operational Summary



May 11, 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.

Workforce

NCHD has a total of 334 employees. Since before the response to COVID-19 started, NCHD staff have been planning and preparing for the response. In January 2020, the Epidemiology and Emergency Preparedness programs began watching the situation closely, educating partners, and monitoring travelers. Today, we have scaled back our normal operations to be able to respond to this event appropriately and have employees dedicated full time to the response with many additional employees assisting on an as-needed basis. Public health staff are working on a variety of tasks from epidemiology (which includes data management, case investigation, contact tracing, and outbreak investigations), vaccination, Partner Coordination, SPOC operations, and ensuring our regulated facilities are operating according to the newest executive order. In addition to our workforce, NCHD has received several temporary staff (i.e. nursing, administrative support, case investigators, and contact tracers) from the state office that are assisting with Epidemiology and SPOC operations.

17	INCIDENT COMMAND/ ADMINISTRATION/LOGISTICS
42	COVID-19 REFERRAL LINE (Dedicated)
7	EPIDEMIOLOGY - CORE (LEADS, Outbreaks, SME)
45	CASE INVESTIGATOR (Dedicated)
21	CONTACT TRACER (Dedicated)
2	EPIDEMIOLOGY - DATA ENTRY
30	SPOC OPERATIONS
46	VACCINE STAFF
61	VACCINE SUPPORT STAFF

COVID-19 Vaccination

North Central Health District received its initial allocation of COVID-19 vaccine Dec. 23. After administrating vaccine to a small group of public health staff and community partners on Dec. 26, the district began the first vaccination of the Phase 1A group Dec. 28. As of March 25, individuals aged 16 years and older can receive a COVID-19 vaccine.

Note: Pfizer is the only COVID vaccine currently approved for children aged 12 and older. Our locations do not offer the Pfizer vaccine. Our sites use Moderna or Johnson & Johnson, and can only vaccinate age 18 and older.

The information in this portion of the report is accurate as of 5/9/2021 at 4 PM.

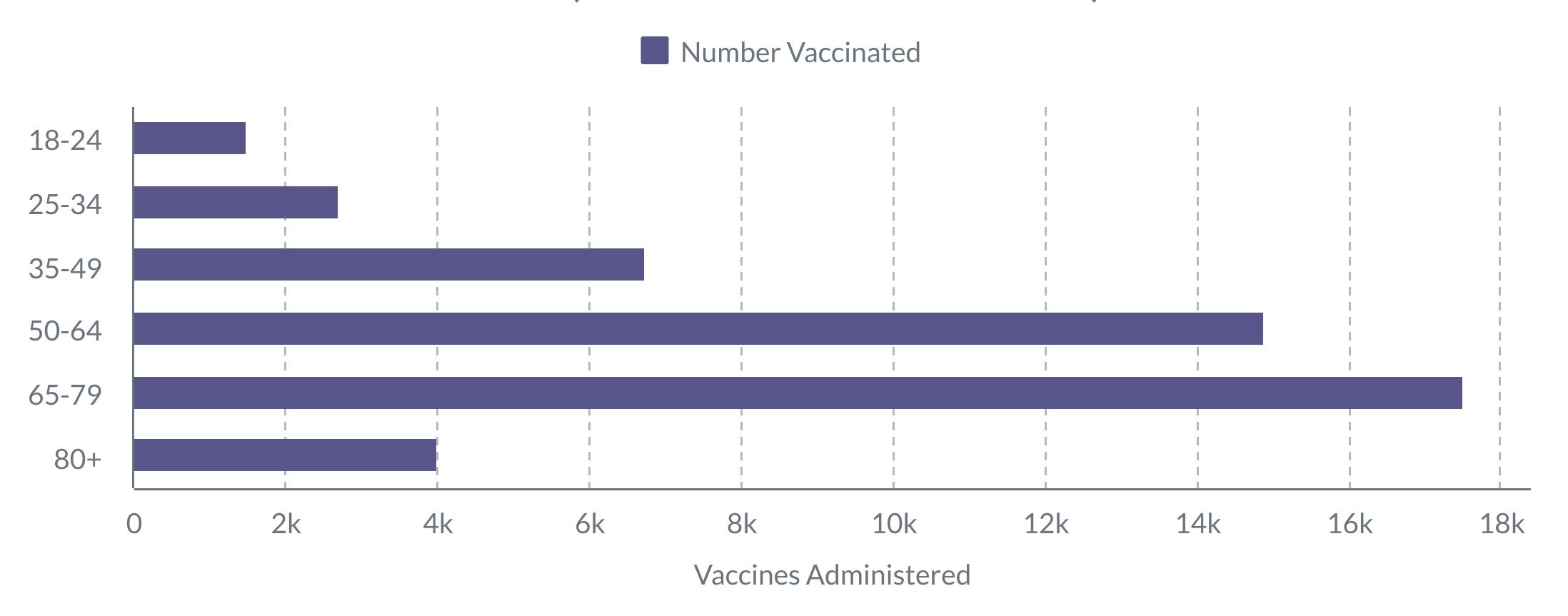
97000	MODERNA VACCINE DOSES RECEIVED
82423	MODERNA VACCINE DOSES ADMINISTERED
38826	MODERNA SECOND DOSES ADMINISTERED
6700	J&J VACCINE DOSES RECEIVED
3763	J&J VACCINE DOSES ADMINISTERED

We are currently working through vaccinating all individuals as quickly as possible. Appointments for vaccination are available through the week of May 10-14, and are being filled. Our district schedules vaccination based on our supply of COVID-19 vaccine on-hand in order to ensure individuals can receive vaccine as scheduled.

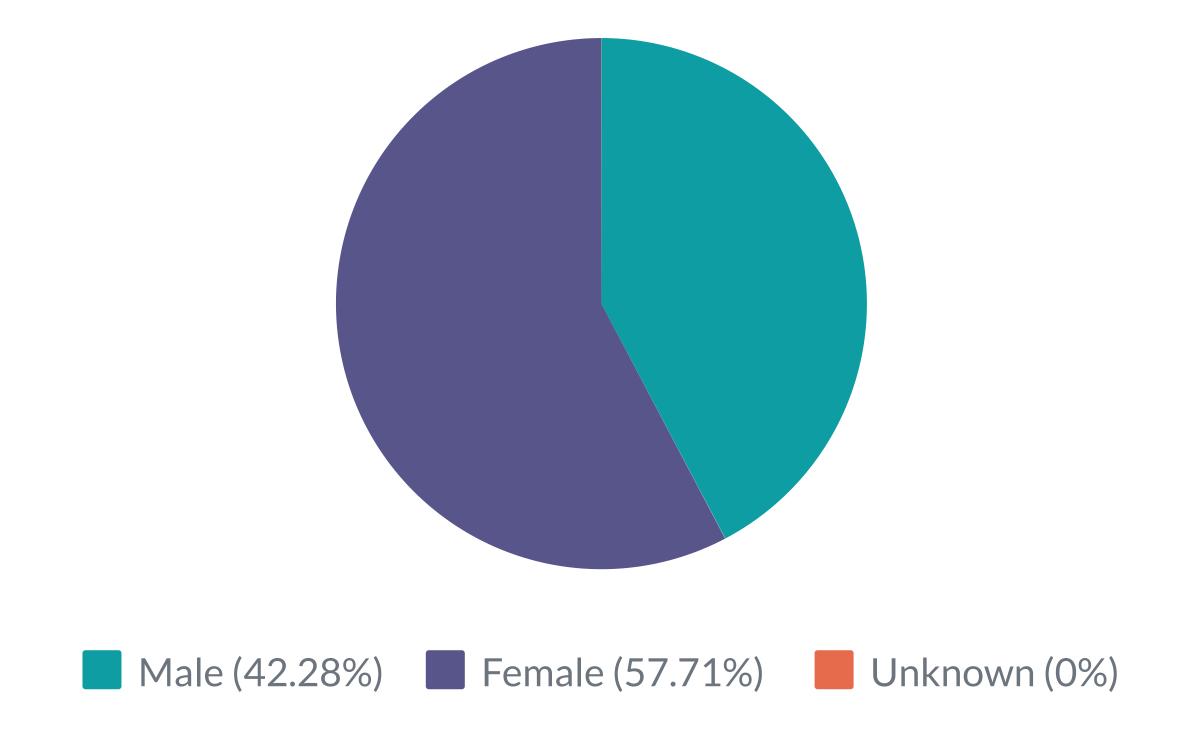
As of April 27, 2021, the Georgia Department of Public Health has lifted the pause on the administration of the Johnson & Johnson COVID-19 vaccine based on the recommendations of the CDC and FDA. NCHD's 13 vaccine sites have resumed administering Johnson & Johnson vaccine.

COVID-19 Vaccination District-Level Data

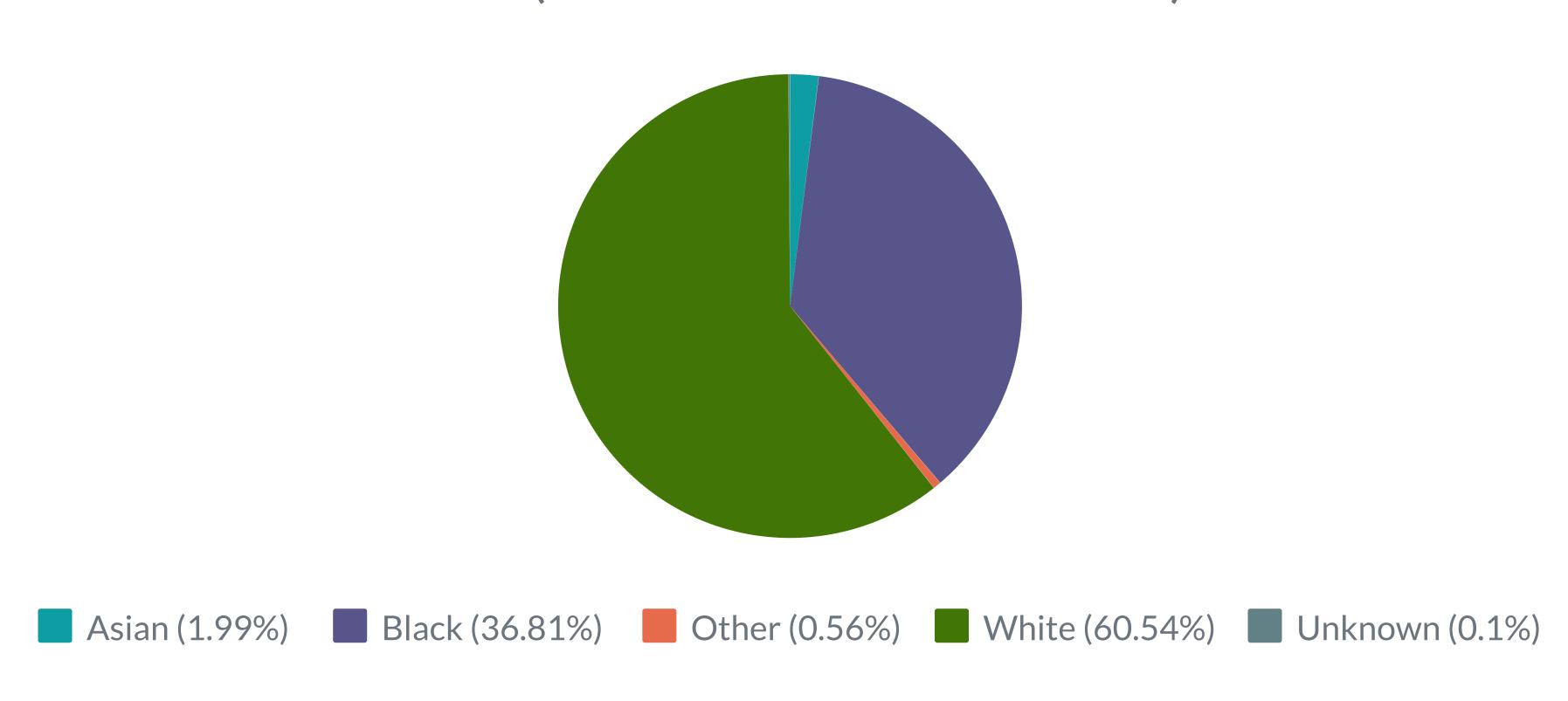
Age Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)



Gender Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)

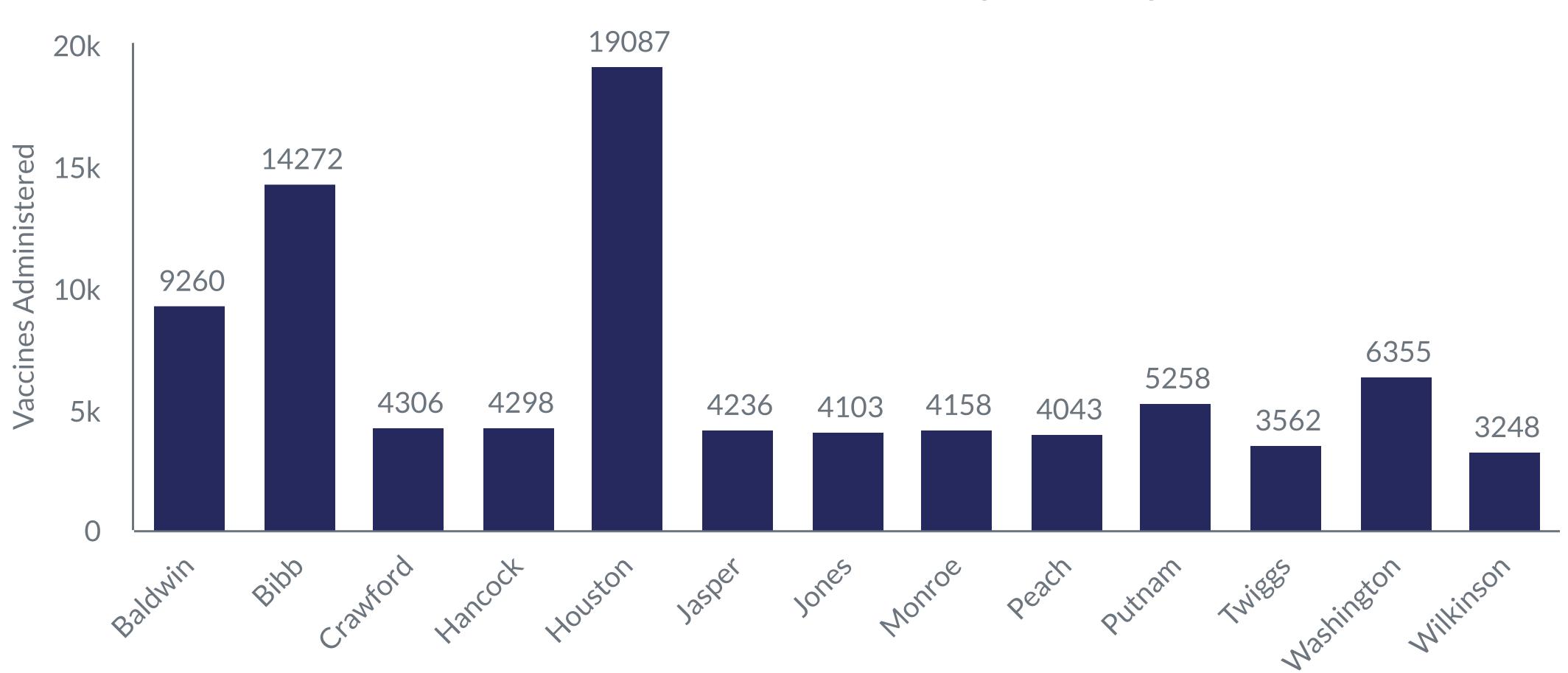


Race Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)

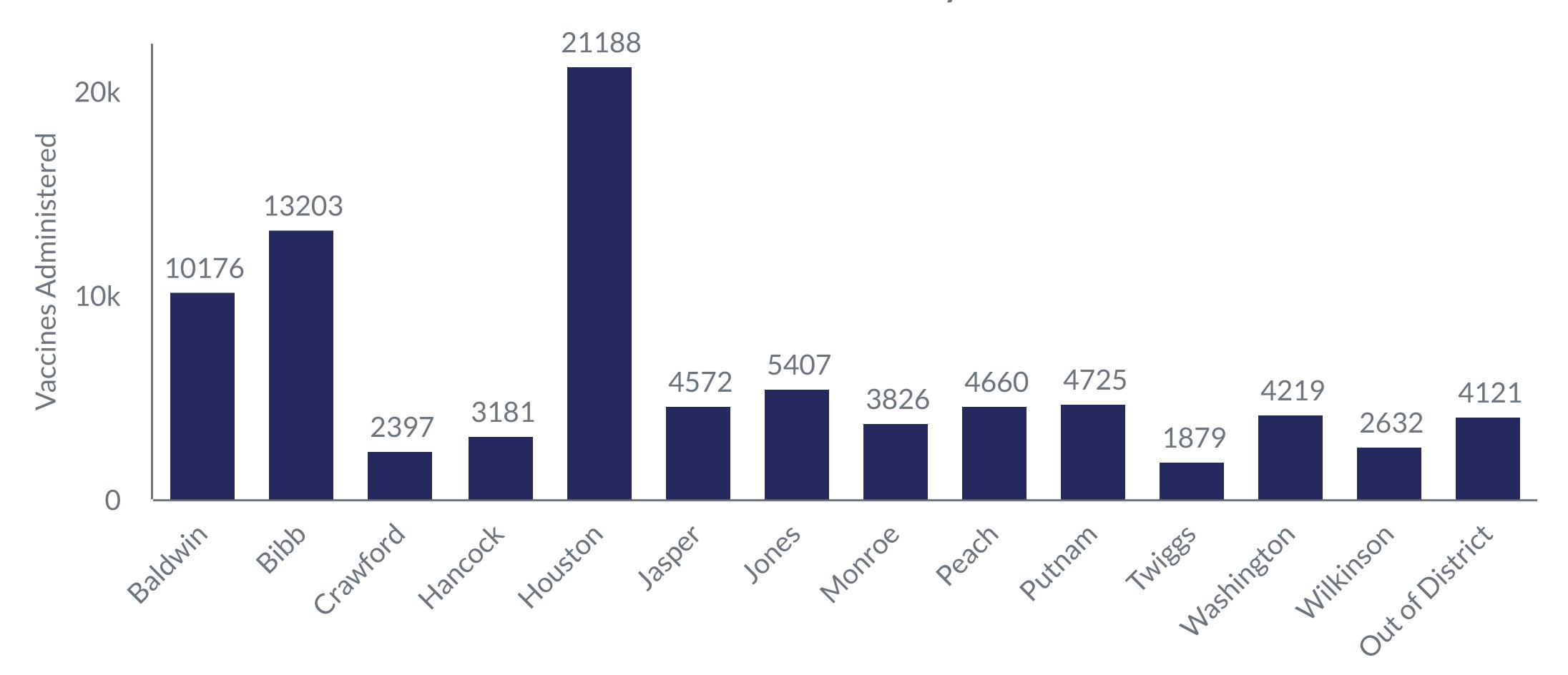


COVID-19 Vaccination County-Level Data

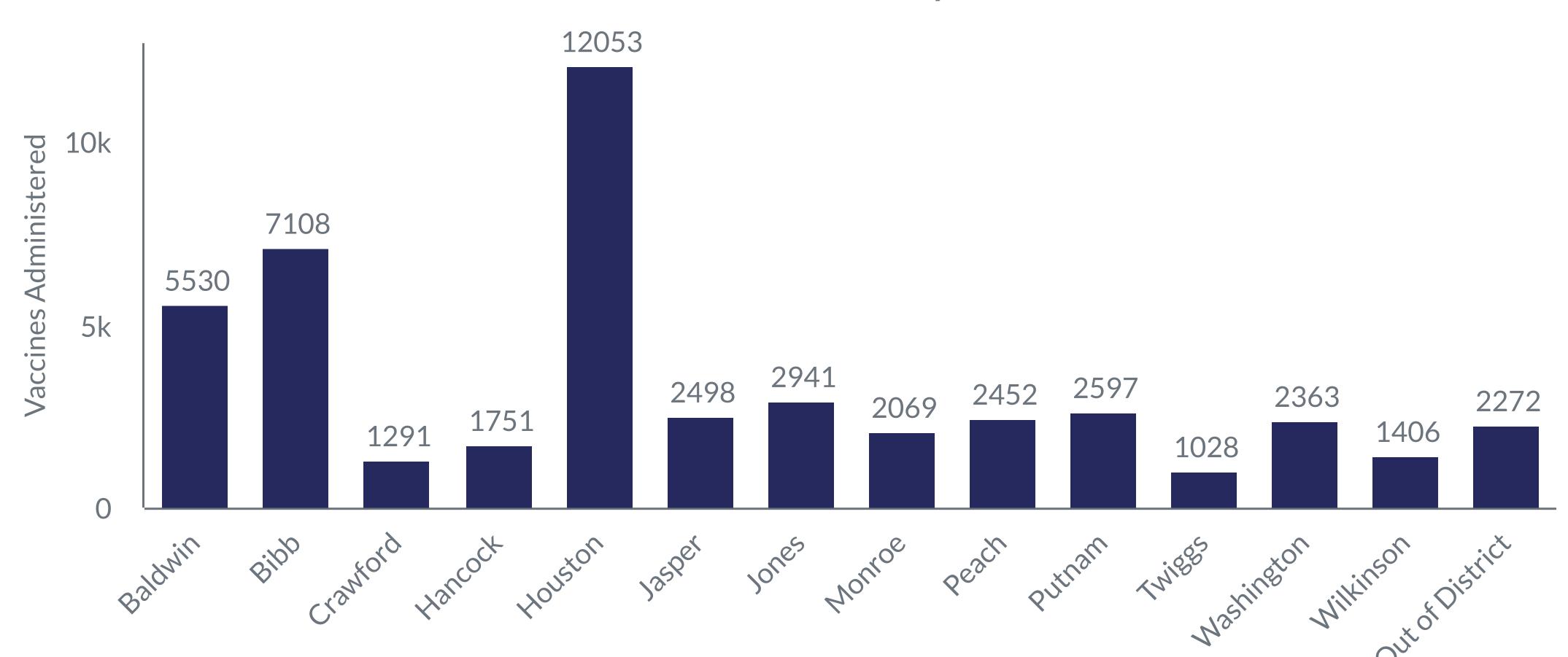




Total Doses Administered by Residence



1st Doses Administered by Residence



Specimen Points of Collection (SPOC)

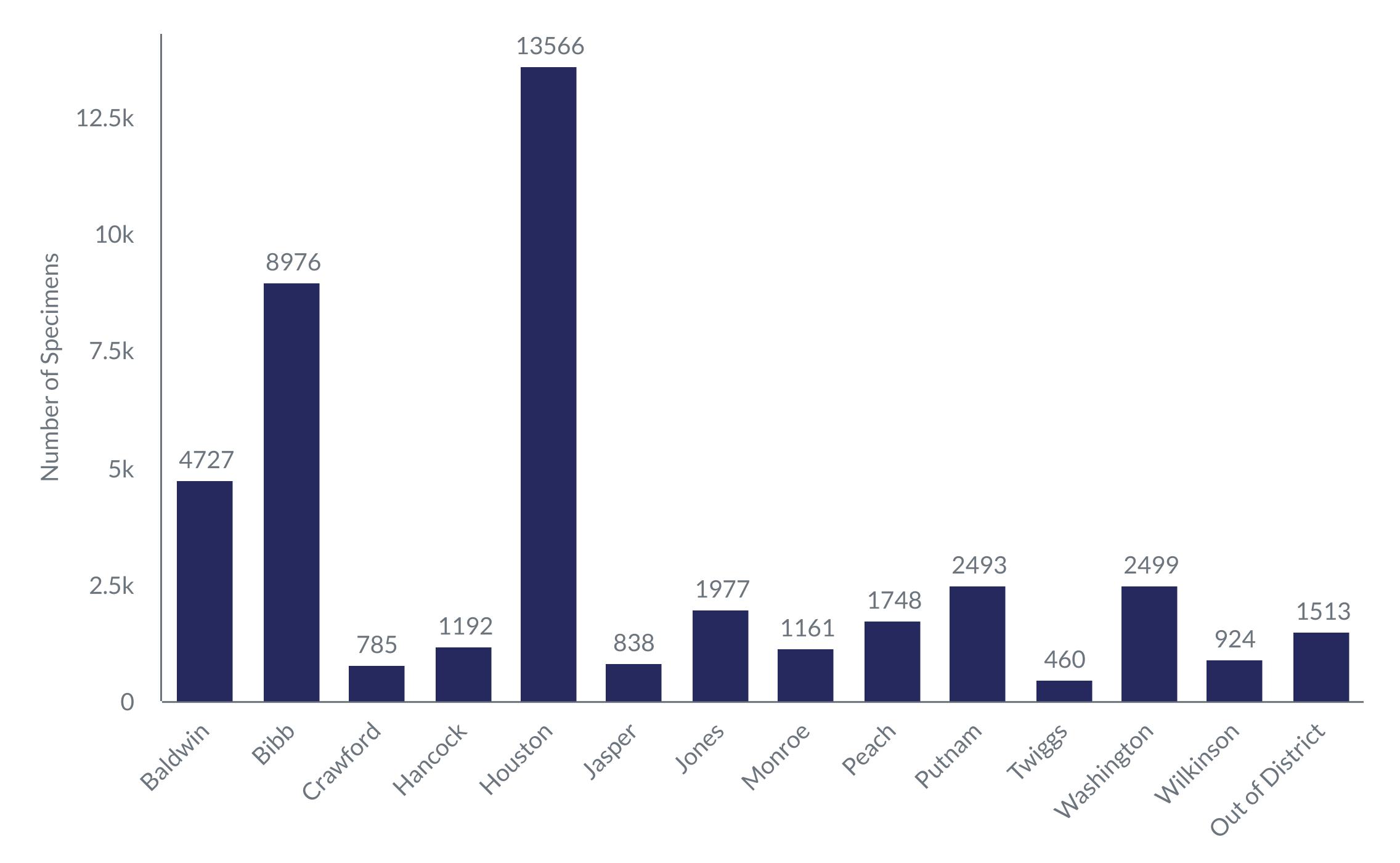
On March 18, 2020, NCHD stood up our first SPOC in Houston County, in the following weeks we expanded to 3 additionals locations in Jasper, Jones, and Washington Counties. The activities of these locations were limited in capacity due to state-supplied specimen collection kits. On 4/17/2020, due to an increase in the state's capacity to supply specimen collection kits, we opened our fifth location in Bibb County. On 5/3/2020, we expanded testing to all 13 of our county health departments.

As of 2/1/2021, Houston County SPOC is now 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.

The information in this portion of the report is accurate as of 5/9/2021 at 6 PM.

The data shown on this page only reflects specimens collected from NCHD public health points of collection and not representative of all specimens collected within our 13-county area.

Number of Specimens Collected by Residency



Specimens Collected Between 5/2/2021-5/9/2021 16% 21-Day Positivity Rate for NCHD COVID-19 Testing

42,859

Total Specimens Collected

10%
Total Positivity
Rate for
NCHD
COVID-19
Testing

Epidemiology - Data Definitions

The information in the rest of the report is a breakdown by Presumptive and Confirmed Cases by each county within NCHD.

Confirmed Cases are those tested using a Molecular Test (i.e. PCR) since 3/1/2020.

Presumptive Cases are those tested using an Antigen Test since 3/1/2020

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 2018 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
- <u>Insufficient Data</u>: 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.

Counties of Interest are identified by counties that have within the most current week (most recent 7 days) to the previous week [>5% increase in COVID syndrome/ILI syndrome (if >2 visits) AND >5% increase in cases (if >2 cases)] OR [>25% change in cases AND >10 cases during most recent week].

Syndromic surveillance (SS) provides a method for timely detection of potential clusters or outbreaks of specified diseases/events. SS data include emergency department (ED) visits based on the patient's chief complaint upon admission and/or discharge diagnosis. <u>SS data used within this report is based on county of residence NOT facility.</u>

- *Covid-19 Syndrome includes:* Chief complaint text for "coronavirus", "covid", "c-19", or "ncov". Selected discharge diagnosis codes (ICD or Snomed) relevant to COVID-19; including confirmed COVID-19, suspected/probable COVID-19, unspecified coronavirus infection, exposure to COVID-19, or severe acute respiratory syndrome.
- *ILI Syndrome includes:* Chief complaint text for fever, influenza, RSV, viral infection, viral pneumonia, cough (if fever), or sore throat (if fever).
- *Note:* Covid-19 Syndrome excludes select visits related to Covid-19 testing or exposure with no mention of symptoms. Criteria for syndromes are subject to change as additional information is received.

The information is accurate as of 5/9/2021 at 6 PM.

CURRENT 2 WEEK PERIOD: 4/19/2021 - 5/2/2021

PREVIOUS 2 WEEK PERIOD:

4/5/2021 - 4/18/2021

PREVIOUS 7 DAYS: 5/3/2021 - 5/9/2021

Epidemiology - Overview

NCHD's Epidemiology Program is responsible for investigating every reported case of laboratory-confirmed COVID-19. The following information describes the activities of the epidemiology program and provides a description of the current situation with the district.

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 5/9/2021 at 6 PM.

MODERATE SPREAD

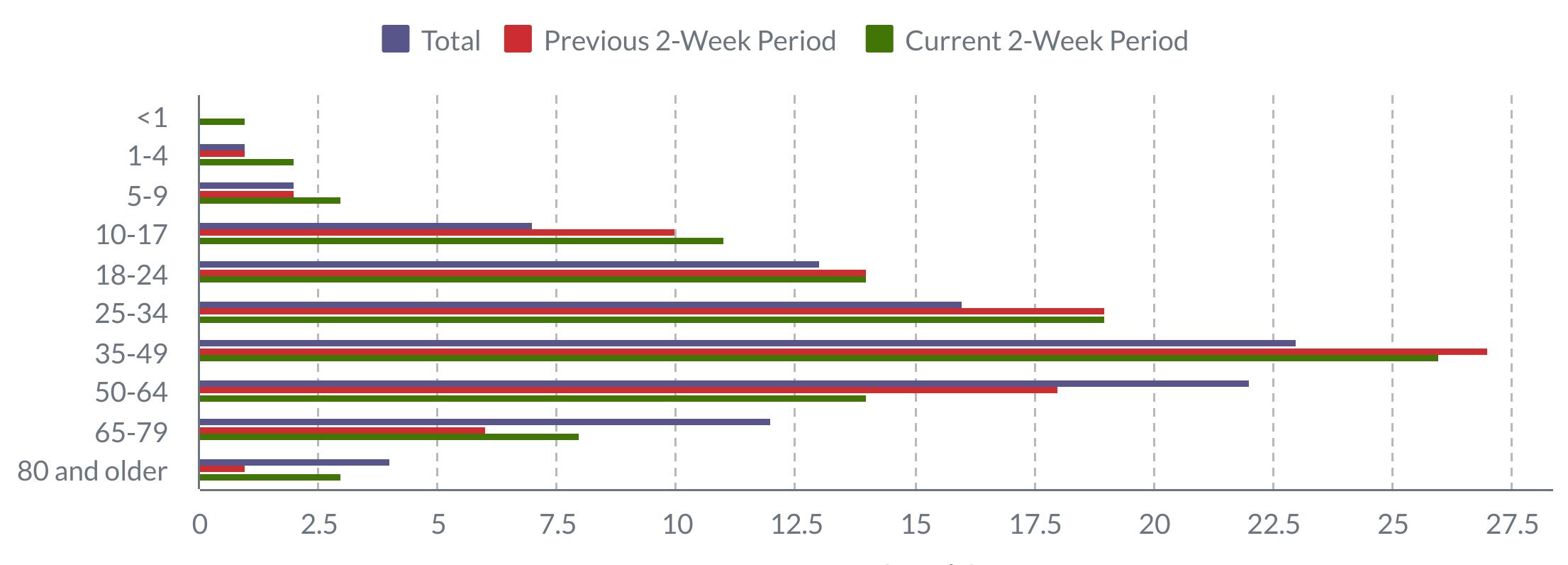
Total Number of Confirmed and	
Presumptive Cases	50,940
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4452 (8.74%)
Deaths	1374 (2.7%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	927 (67.47%)

98 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 98 per 100,000 population (n=522; population=530,945). The previous 2-week period Incidence Rate was 90 per 100,000 population (n=483).

County	Total Confirmed Cases as of 5/9/2021 6PM	Total Presumptive Cases as of 5/9/2021 6PM	Total Presumptive and Confirmed Cases 5/9/2021	Total Presumptive and Confirmed Cases 5/2/2021	Percent Change Between 5/2/2021- 5/9/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3846	655	4501	4487	0.3%	337	127
Bibb	13364	2388	15752	15712	0.3%	1805	441
Crawford	526	136	662	661	0.2%	71	19
Hancock	833	74	907	907	0.0%	108	65
Houston	10116	4454	14570	14467	0.7%	932	254
Jasper	680	717	1397	1392	0.4%	68	39
Jones	1584	415	1999	1993	0.3%	169	57
Monroe	1873	760	2633	2611	0.8%	206	100
Peach	1864	776	2640	2626	0.5%	238	59
Putnam	1804	382	2186	2177	0.4%	163	56
Twiggs	515	207	722	714	1.1%	103	44
Washington	1635	403	2038	2017	1.0%	130	85
Wilkinson	731	189	920	920	0.0%	122	28
Total	39371	11556	50927	50684	0.5%	4452	1374

Age Distribution of Cases

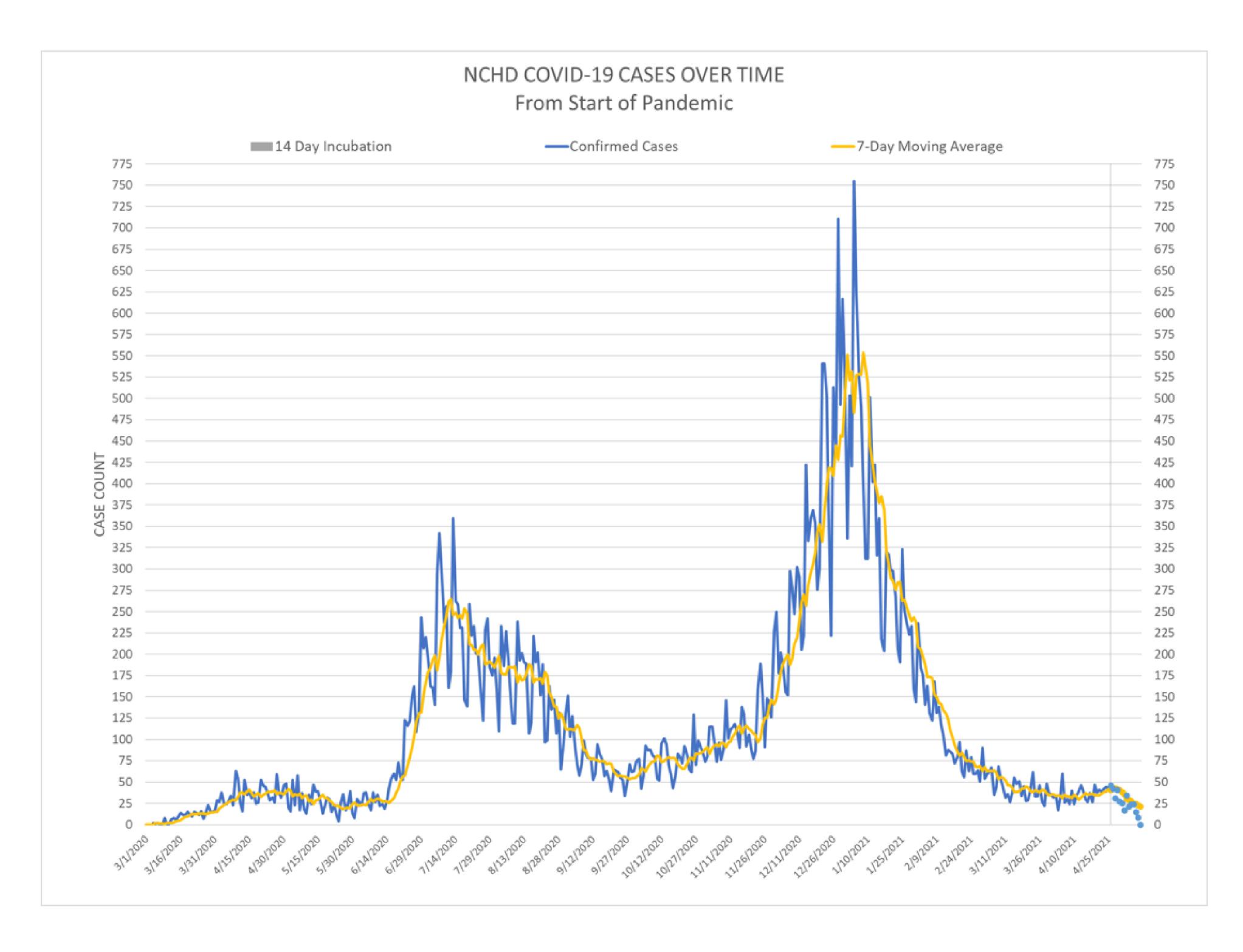


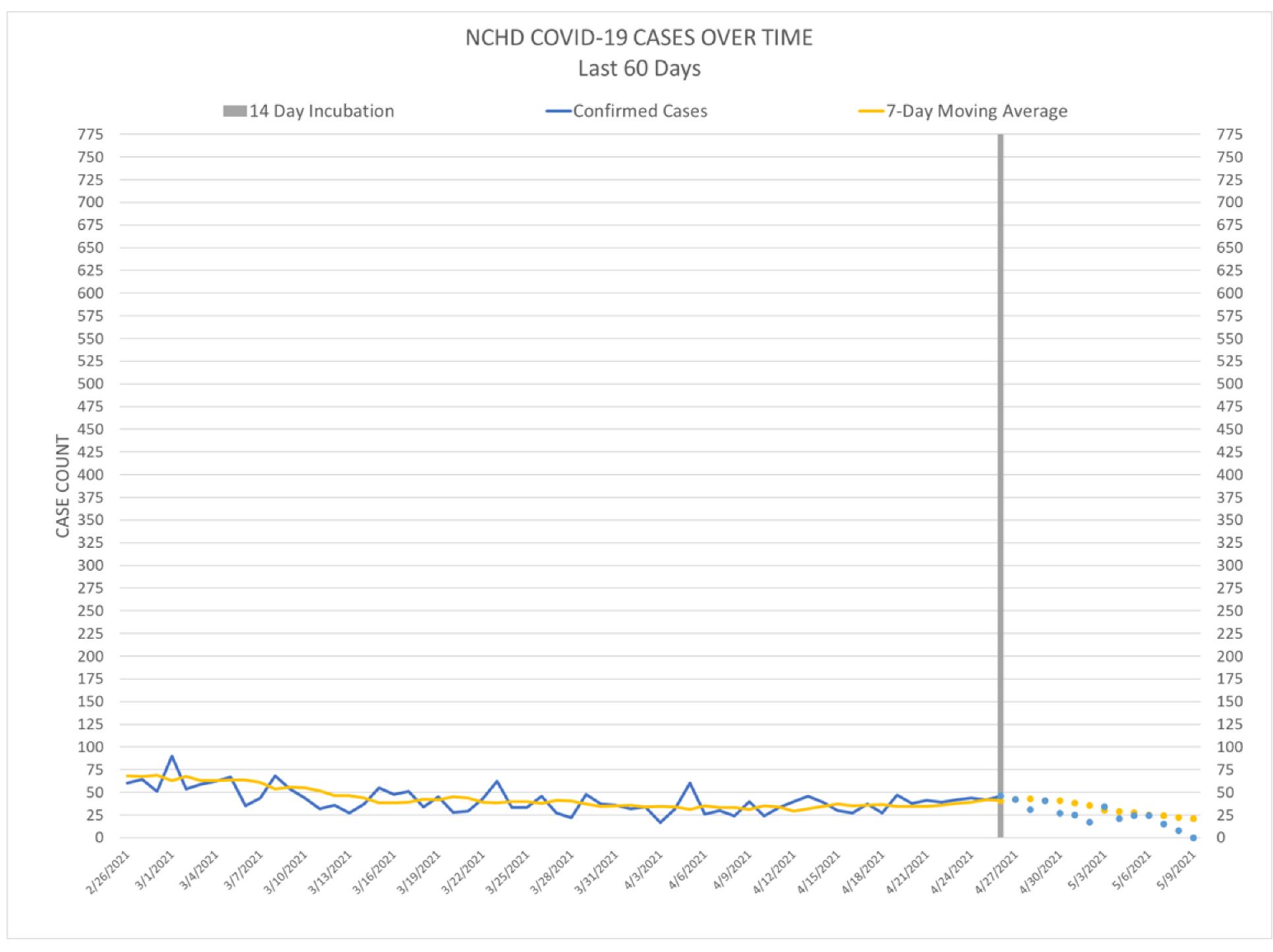
Percentage of Total Cases

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

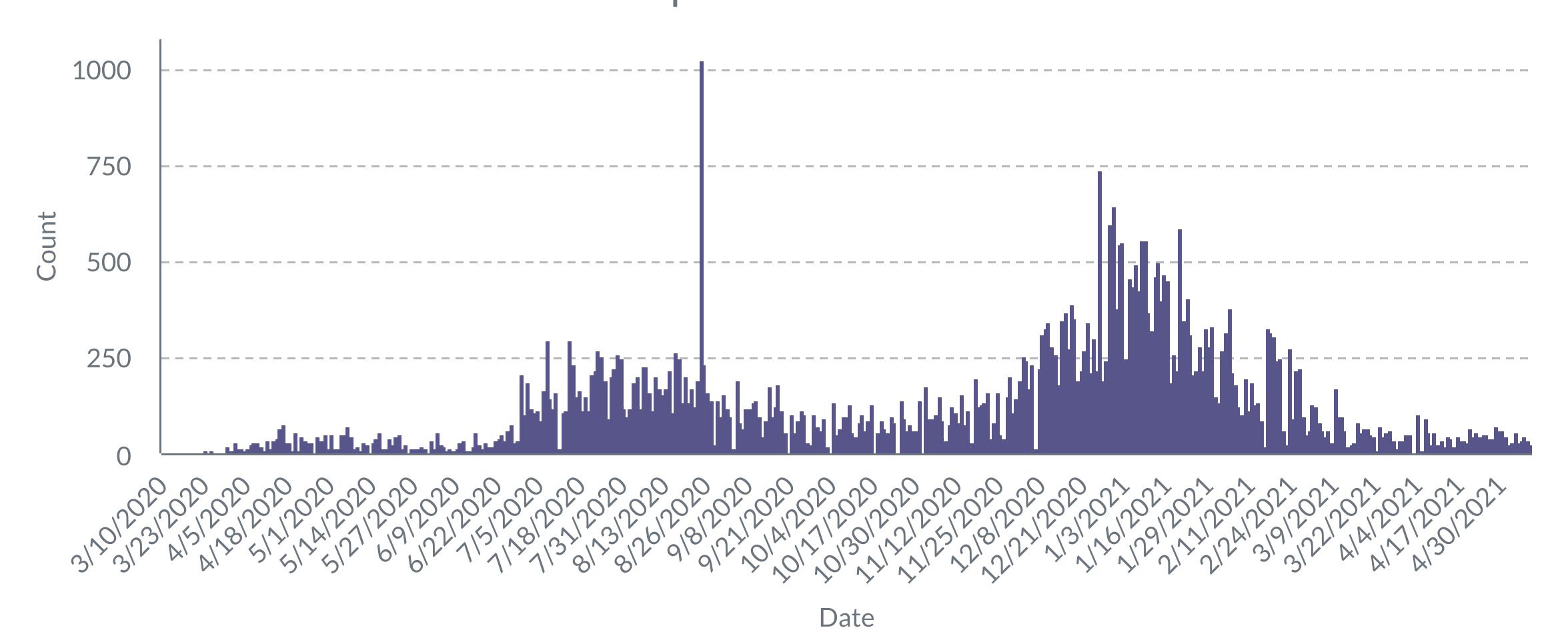




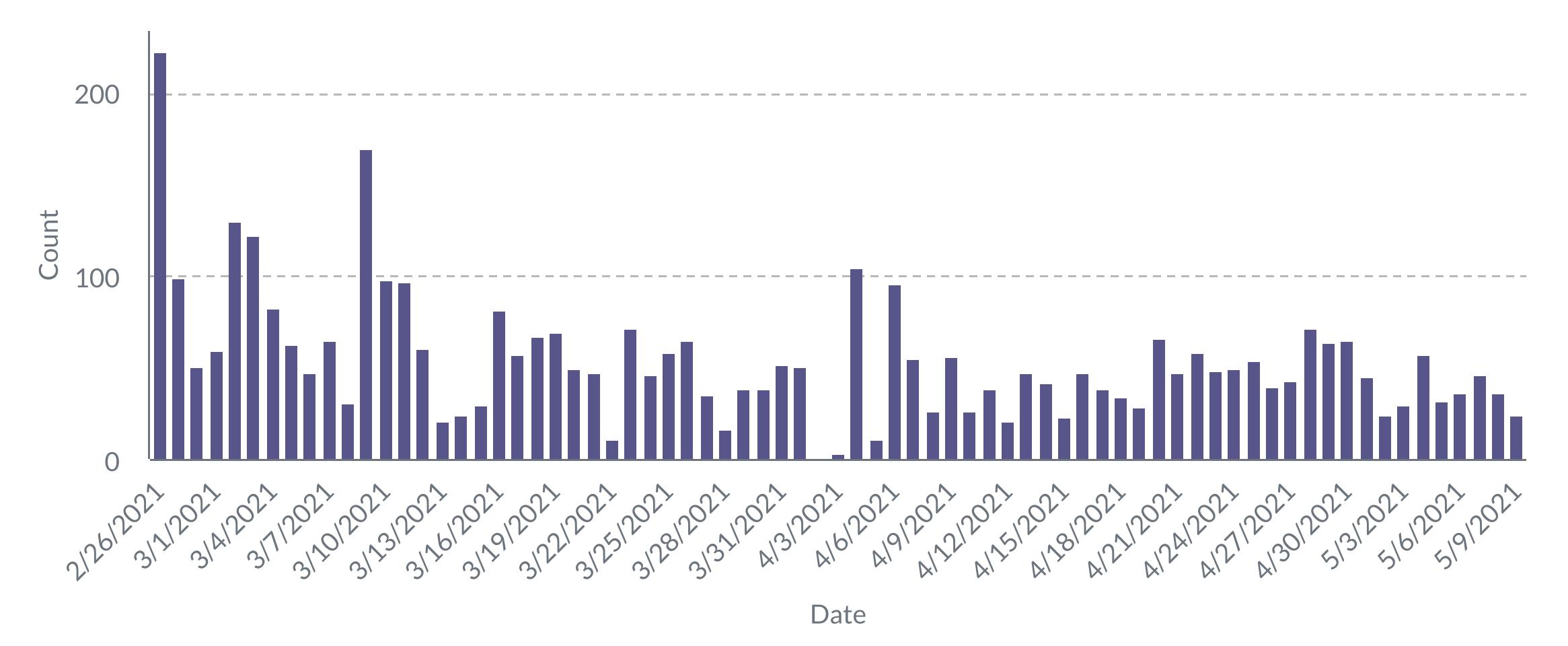
The date indicated for the newly confirmed COVID-19 cases is based on the combination of dates based on: 1)date of symptom onset; 2)if the date is invalid or missing, the first positive collection date is used and 3) if both of those dates are invalid or missing, the date the case is reported is used.

^{* 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.

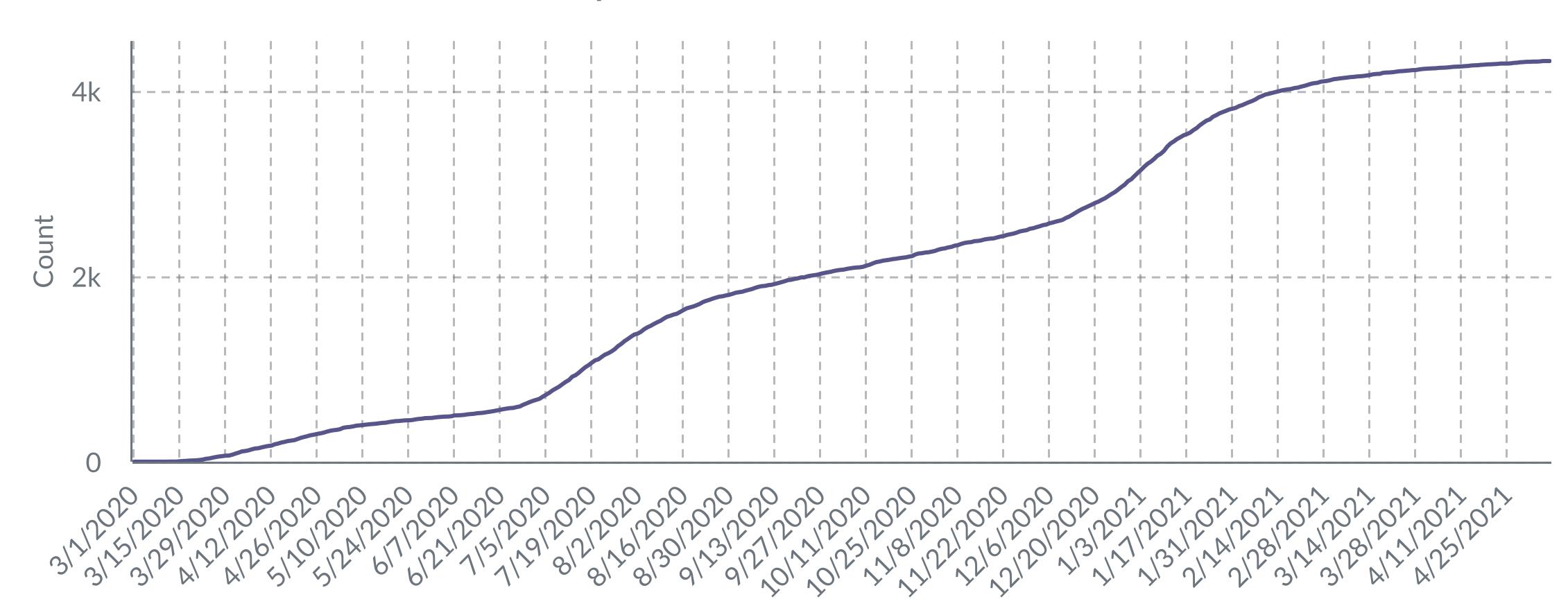
Number of Positive Confirmed and Presumptive COVID-19 Cases By Day of Report to NCHD



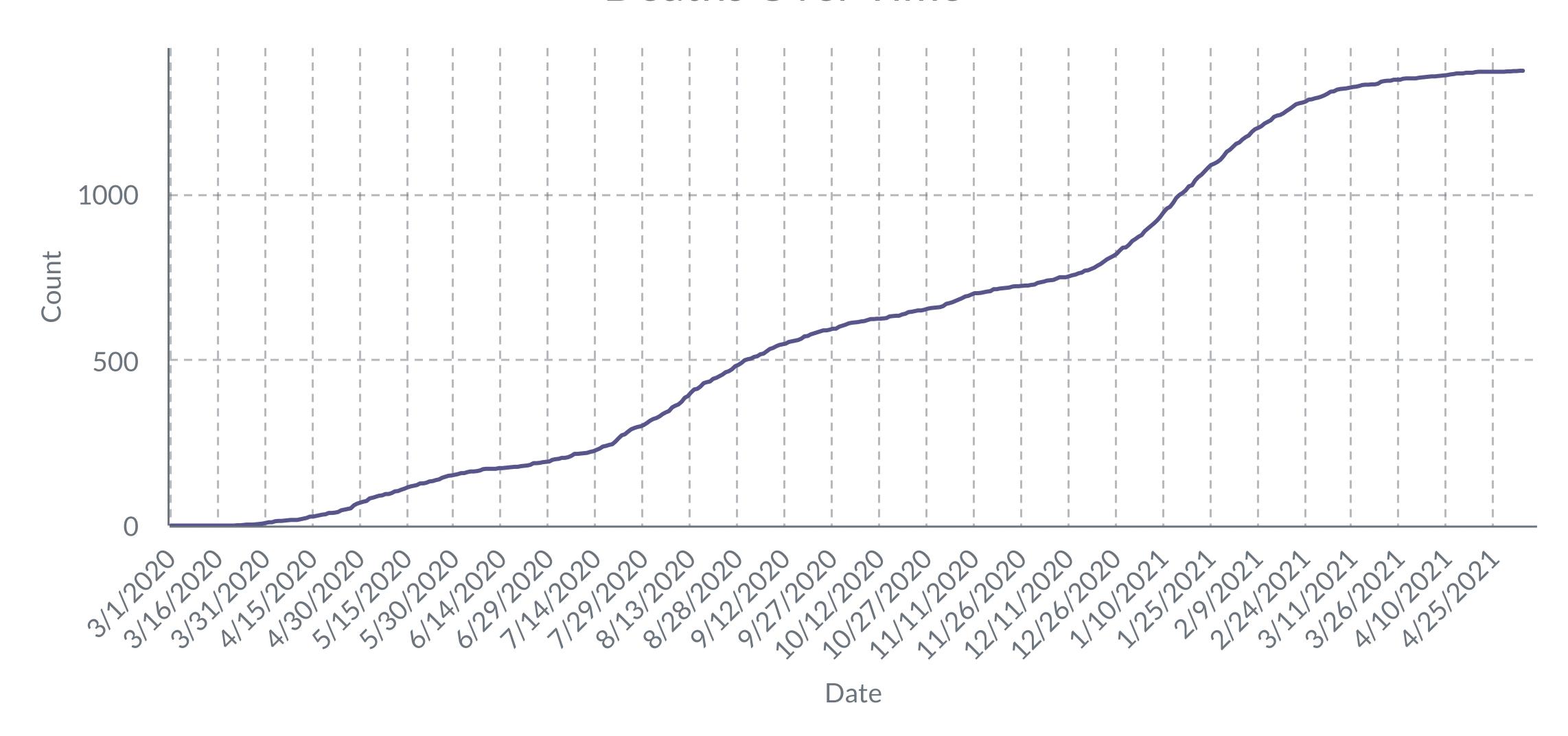
Number of Positive Confirmed and Presumptive COVID-19 Cases for the Last 60 Days By Day of Report to NCHD



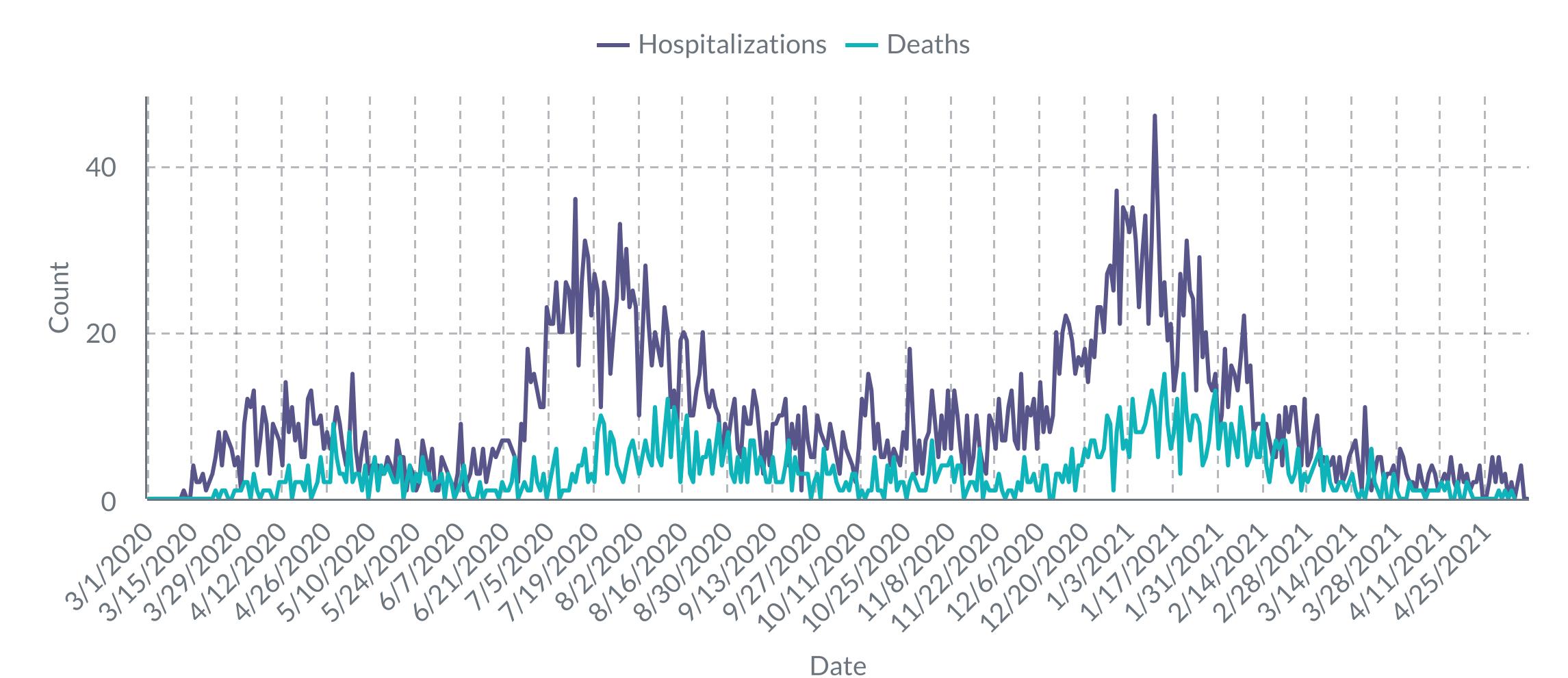
Hospitalizations Over Time



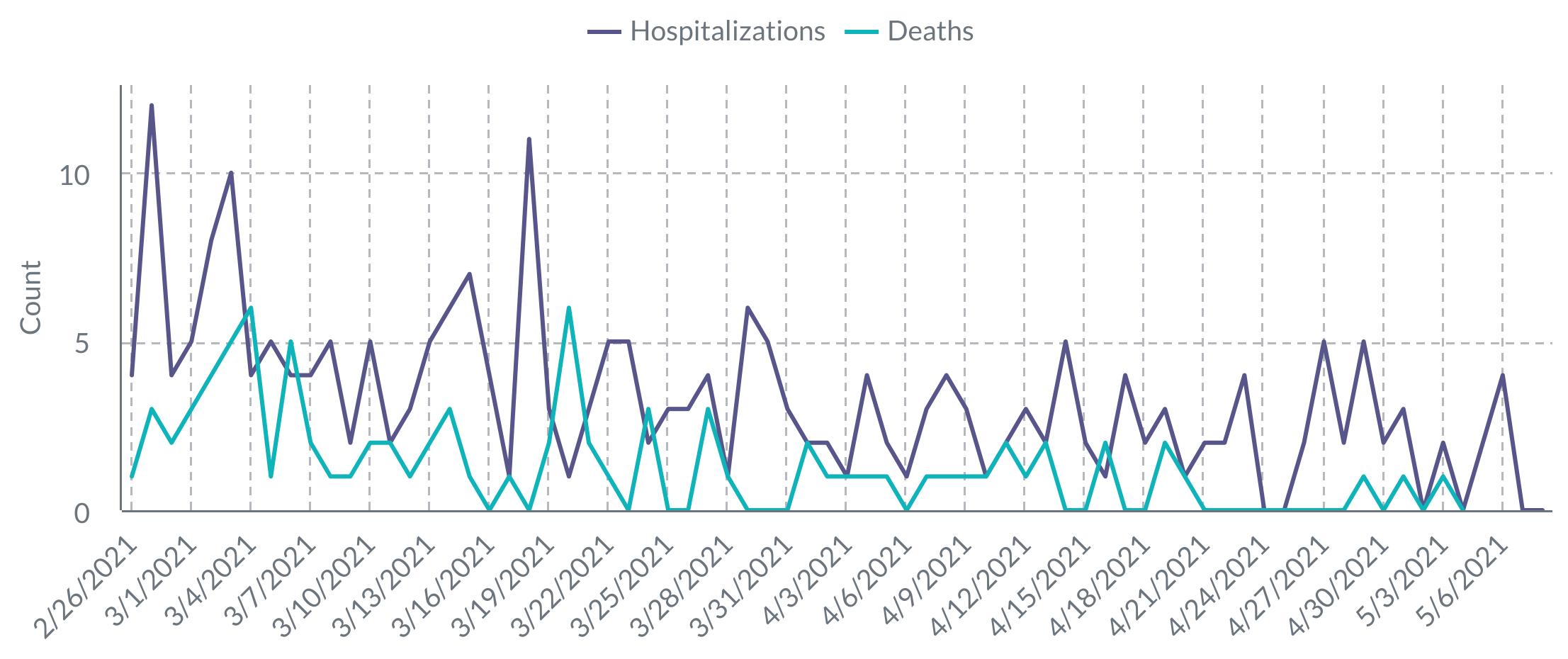
Deaths Over Time



Hospitalizations and Death By Date of Occurrence



Hospitalizations and Death By Date of Occurrence Past 60 Days

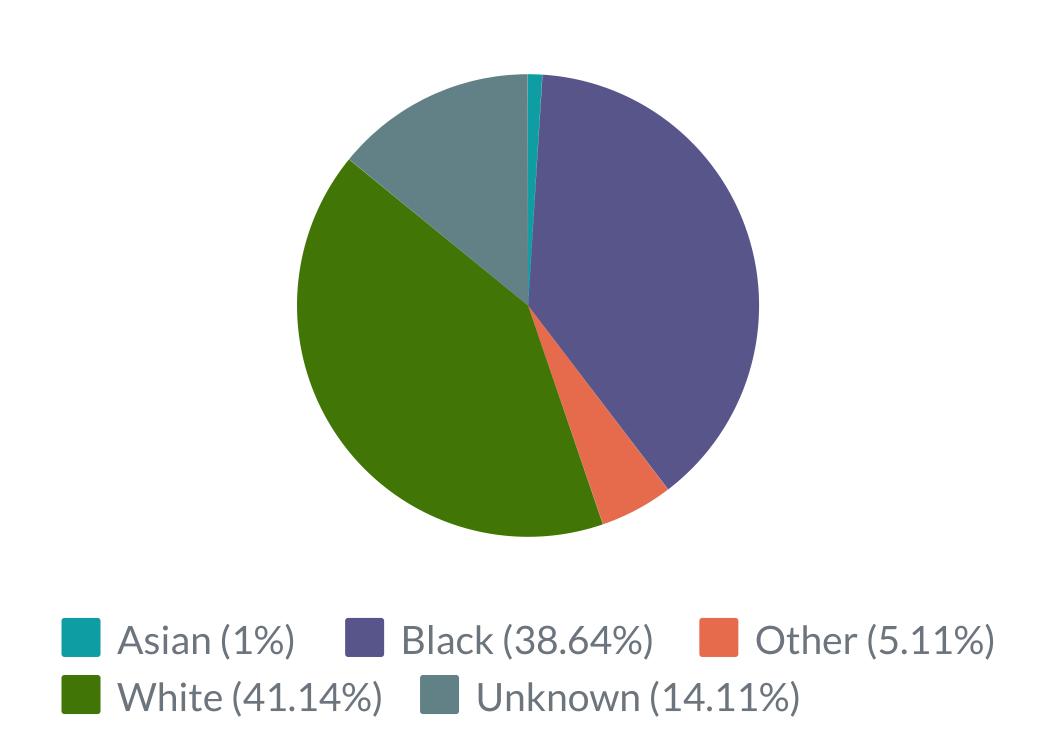


7% of Cases have been identified as Healthcare Workers.

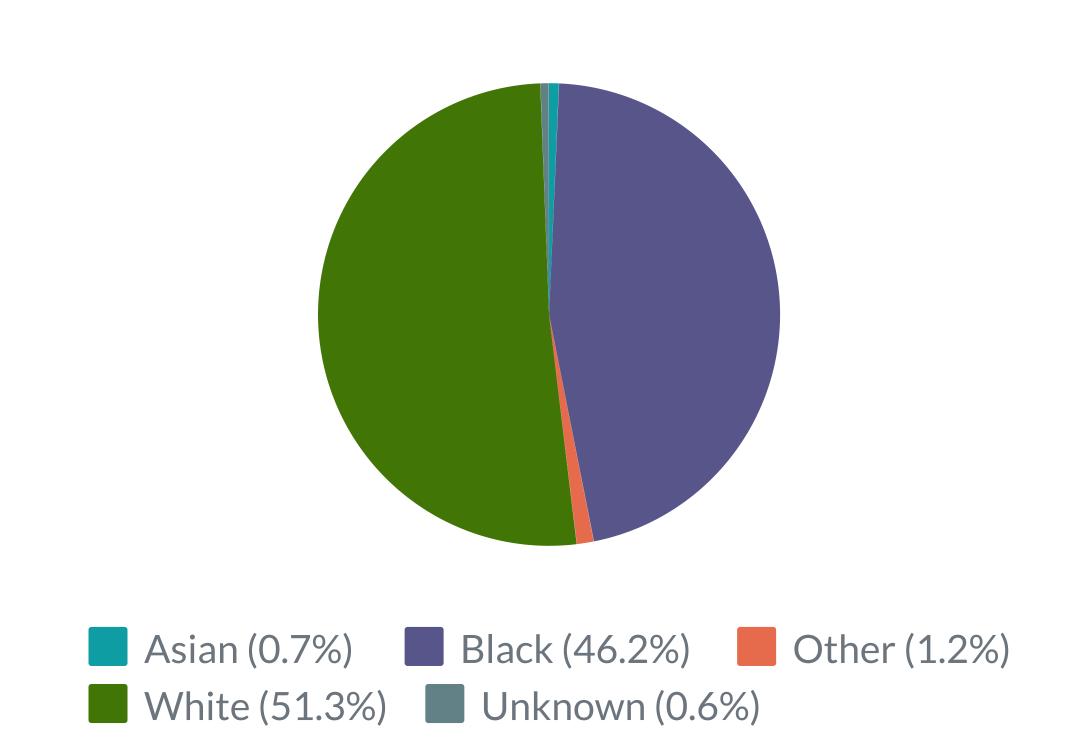
33% of Deaths are associated with a congregate setting outbreak.

7% of Cases are associated with a congregate setting outbreak.

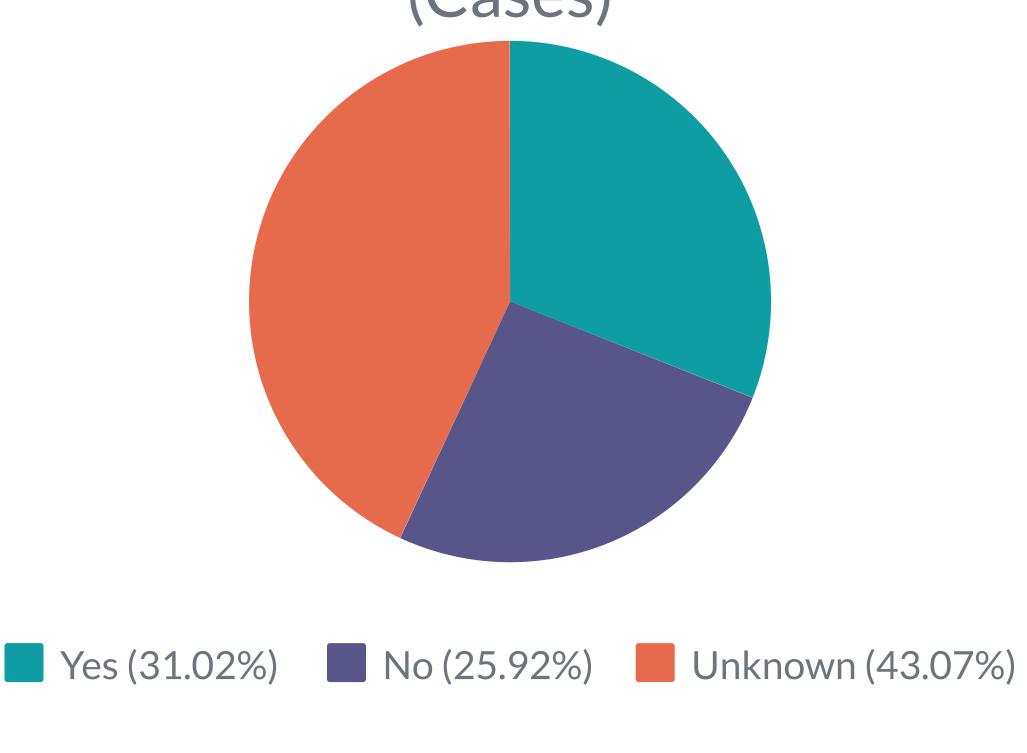
Race Distribution of Cases



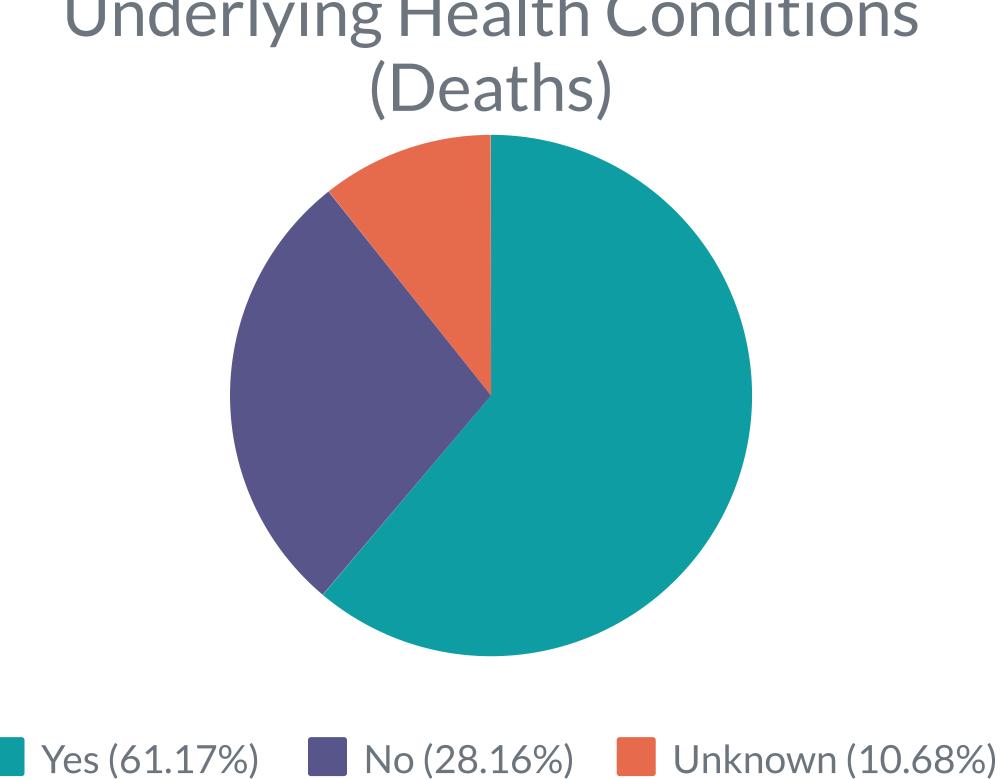
Race Distribution of Deaths



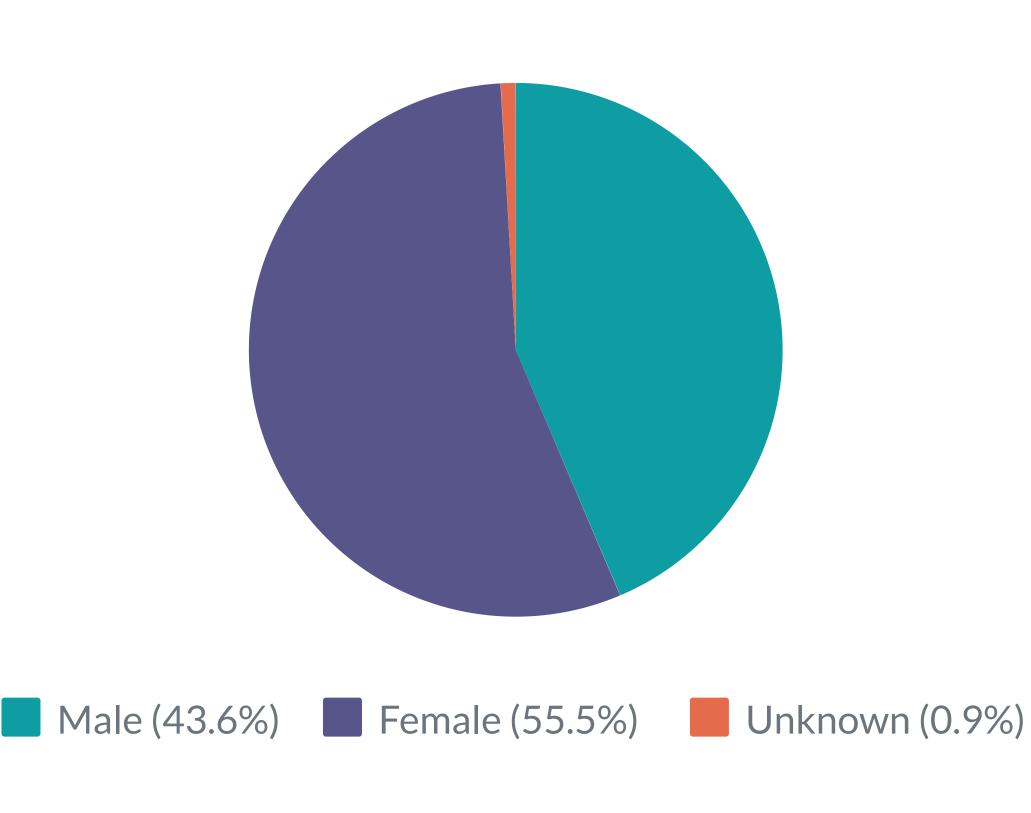
Underlying Health Conditions (Cases)



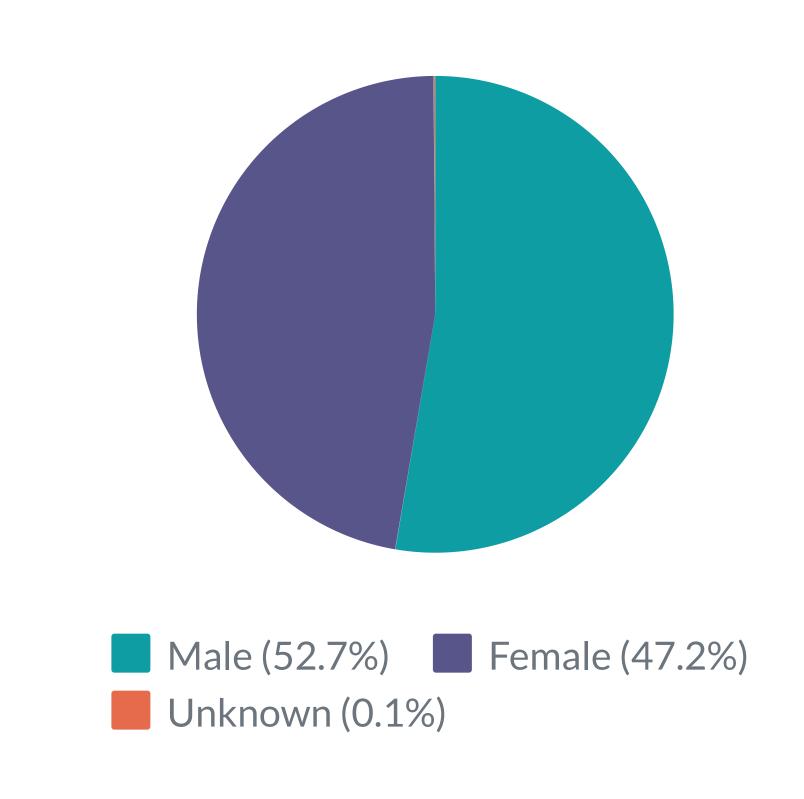
Underlying Health Conditions



Gender Distribution of Cases



Gender Distribution of Deaths



Baldwin County - Moderate Spread

AREA OF CONCERN: Since 4/24/2021, 1% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 4.5% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Baldwin County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

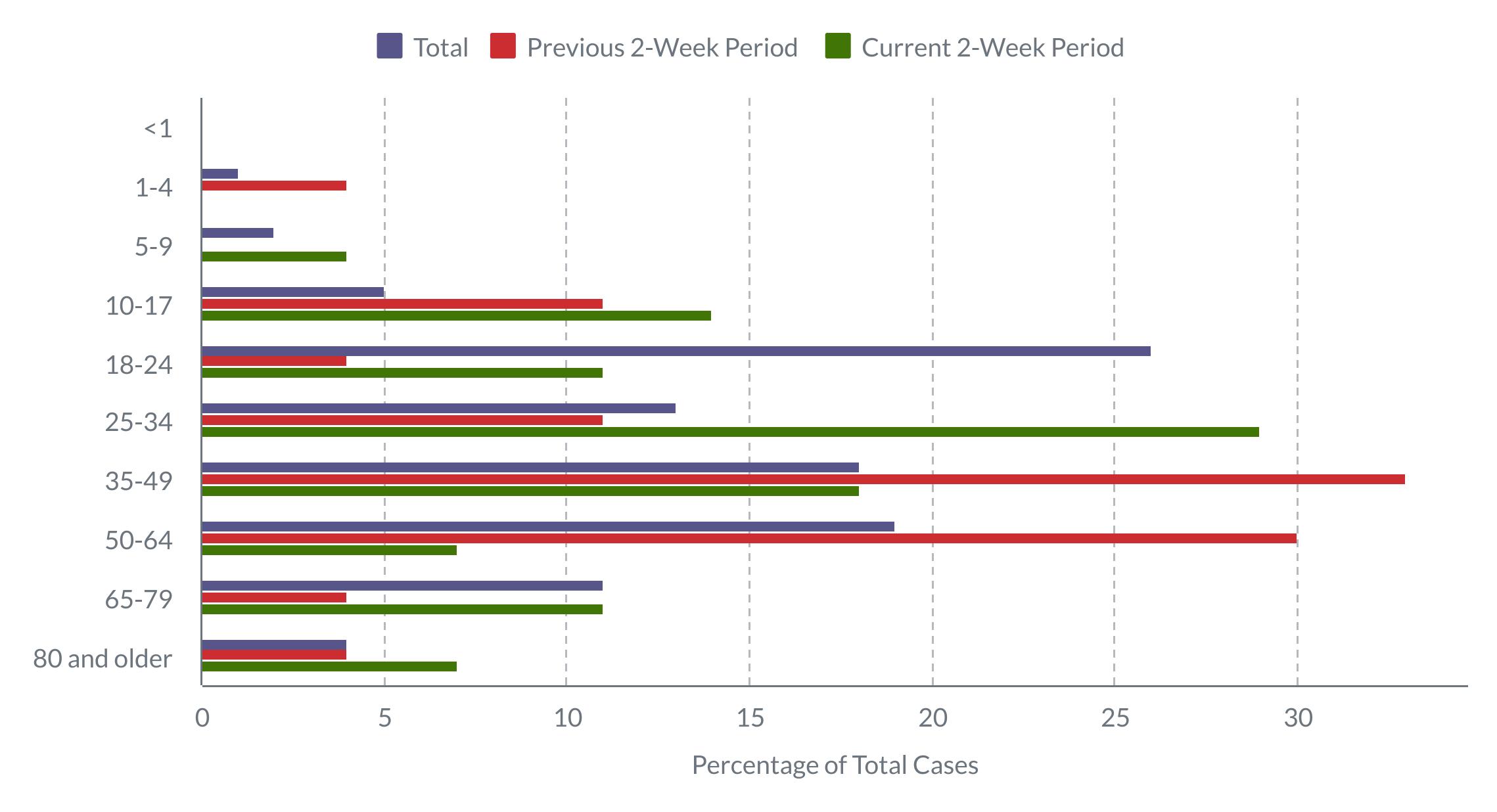


The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 67 per 100,000 population (n=30; population=44,823)**. The previous 2-week Incidence Rate was 60 (n=27) per 100,000 population.

11%

11% increase in newly Confirmed COVID-19 Cases amongst Baldwin County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Baldwin County



3%
Current 2-week
Period Outbreak
Related Cases

The cases reported in Baldwin County for the Current 2-week period associated with an outbreak account for 3% (n=1) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. The other 97% of cases reported during that timeframe in Baldwin County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 13% (n=598) of cases reported in Baldwin County have been linked to an outbreak.

Bibb County - Moderate Spread

AREA OF CONCERN: Since 4/24/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 3.8% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19, have increased amongst Bibb County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

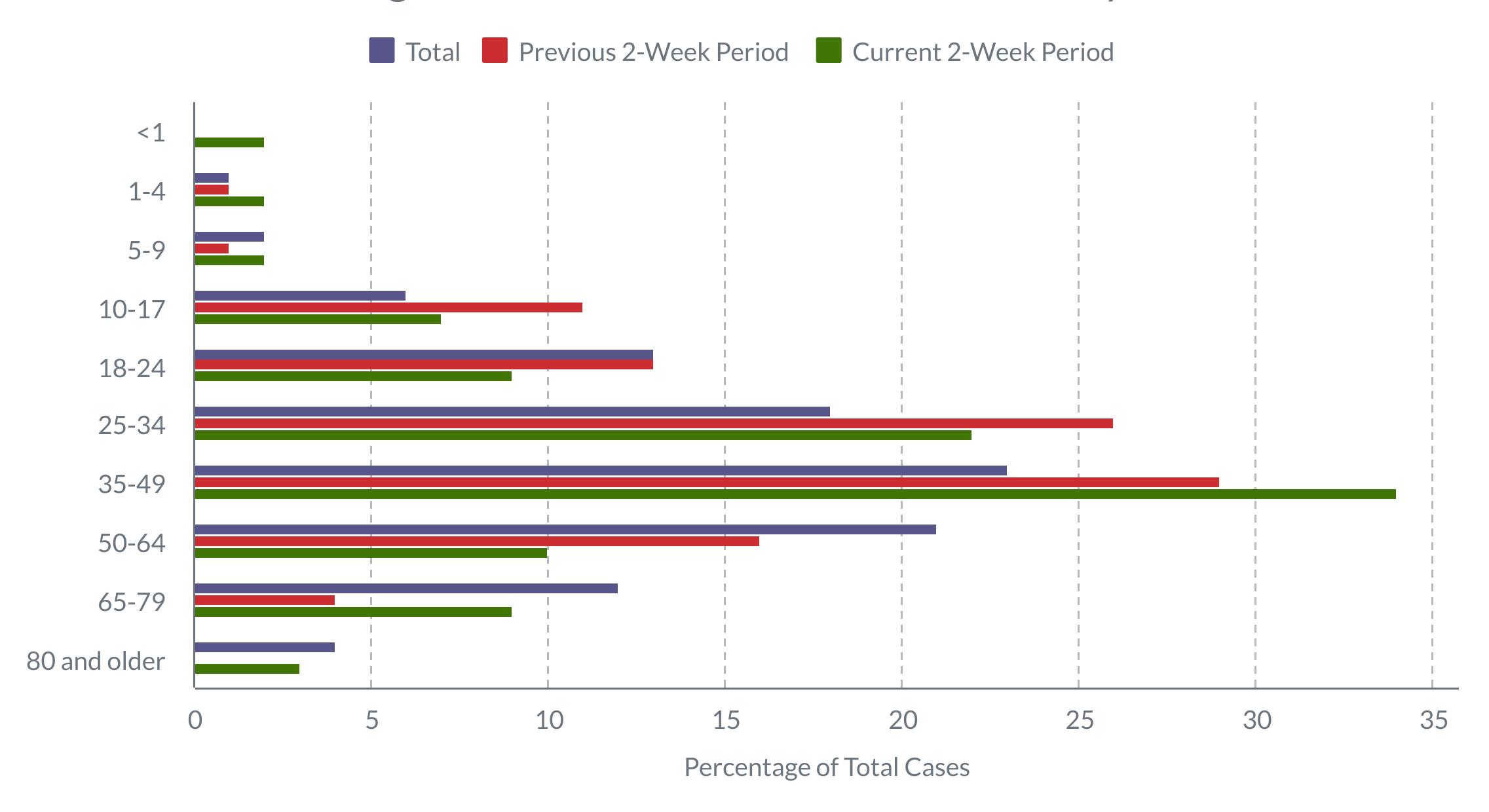
79 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Bibb County residents from **the Current 2-Week Period was 79 per 100,000 population (n=121; population=153,095)**. The previous 2-week Incidence Rate was 91 (n=140) per 100,000 population.



14% decrease in newly Confirmed COVID-19 Cases amongst Bibb County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Bibb County



Current 2-week Period Outbreak Related Cases The cases reported in Bibb County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Bibb County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=913) of cases reported in Bibb County have been linked to an outbreak.

Crawford County - Minimal Spread

Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 1.2% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

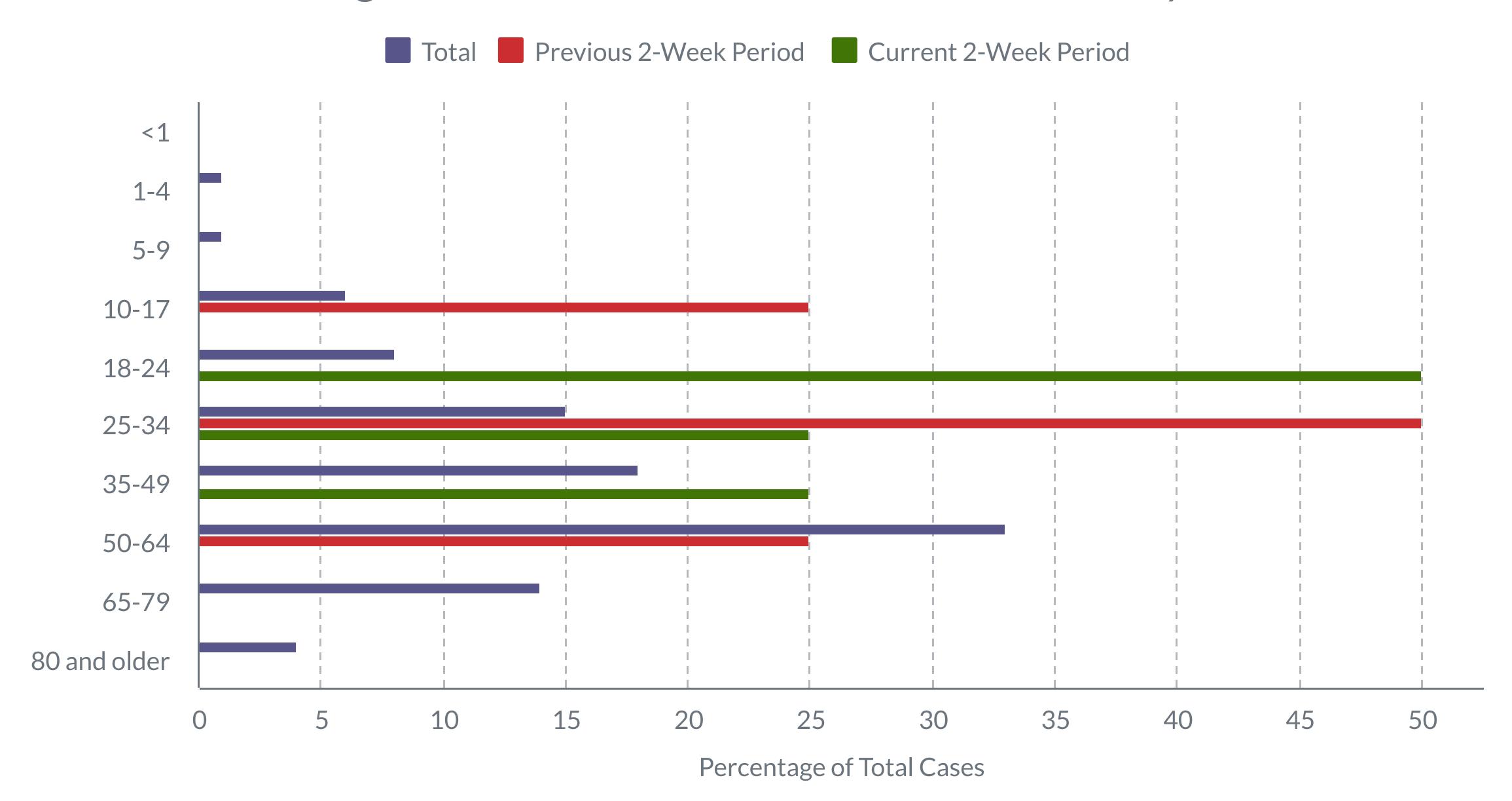
32 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Crawford County residents from **the Current 2-week period was 32 per 100,000 population (n=4; population=12,318)**. The previous 2-week Incidence Rate was 32 (n=4) per 100,000 population.

0%

No change in newly Confirmed COVID-19 Cases amongst Crawford County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Crawford County



Current 2-week Period Outbreak Related Cases The cases reported in Crawford County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Crawford County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 10% (n=69) of cases reported in Crawford County have been linked to an outbreak.

Hancock County - Minimal Spread

Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 1.5% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

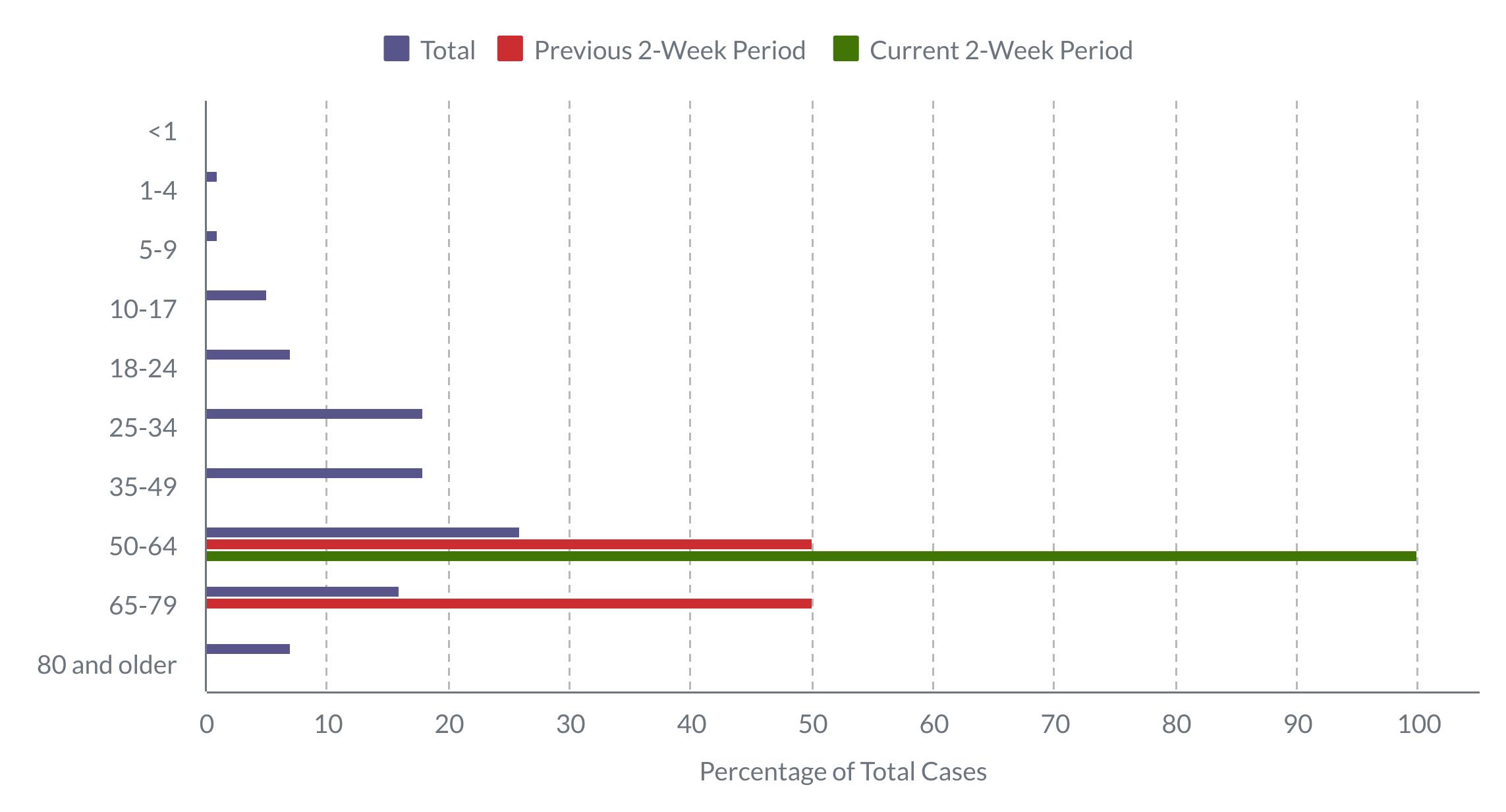
12 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Hancock County residents from **the Current 2-week period was 12 per 100,000 population (n=1; population=8,348)**. The previous 2-week Incidence Rate was 24 (n=2) per 100,000 population.



50% decrease in newly Confirmed COVID-19 Cases amongst Hancock County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Hancock County



0%

Current 2-week Period Outbreak Related Cases The cases reported in Hancock County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Hancock County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 34% (n=305) of cases reported in Hancock County have been linked to an outbreak.

Houston County - Substantial Spread

AREA OF CONCERN: Since 4/24/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 6.5% of COVID-19 PCR tests were positive during the 14-day period (4/24-5/7/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Houston County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

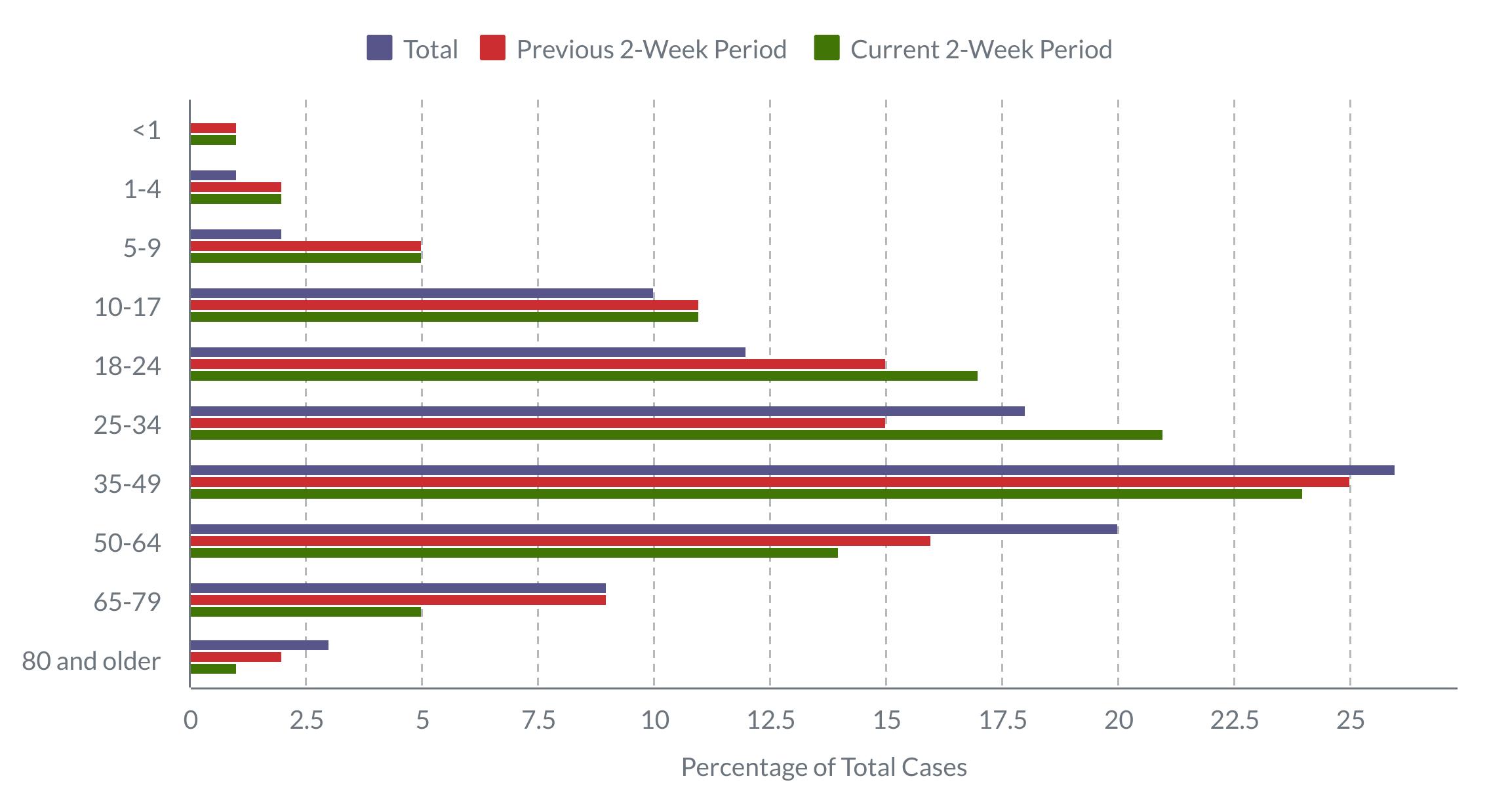
124 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Houston County residents from the **Current 2-Week Period was 124 per 100,000 population (n=196; population=155,469)**. The previous 2-week Incidence Rate was 120 (n=189) per 100,000 population.

4%

5% increase in newly Confirmed COVID-19 Cases amongst Houston County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Houston County



1%

Current 2-week Period Outbreak Related Cases The cases reported in Houston County for the Current 2-Week Period associated with an outbreak account for 1% (n=2) of the total cases reported during that time county-wide. During this time period, 50% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **99%** of cases reported during that timeframe in Houston County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 4% (n=557) of cases reported in Houston County have been linked to an outbreak.

Jasper County - Substantial Spread

Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 8.8% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

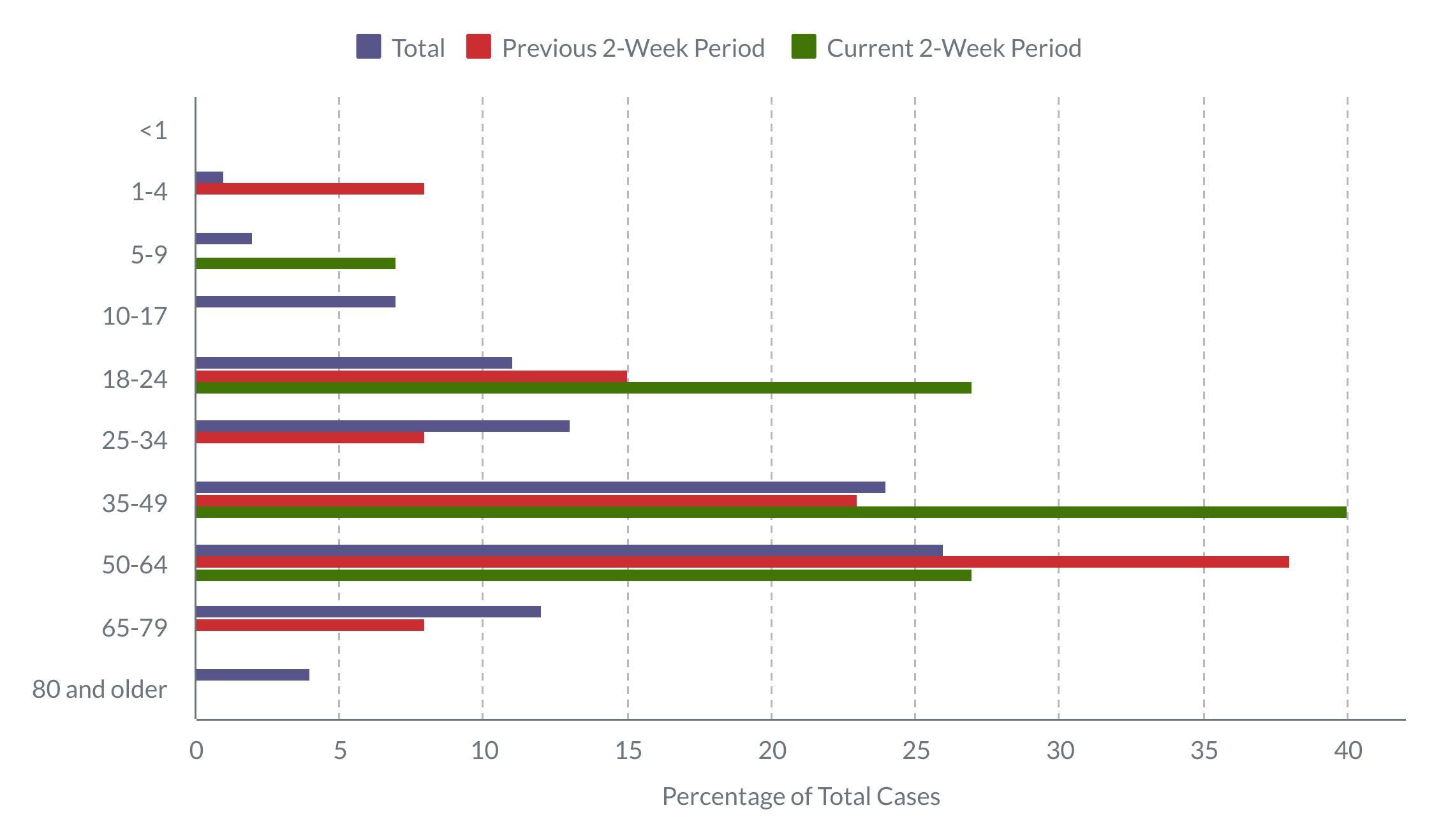
105 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Jasper County residents from the Current 2-Week Period was 105 per 100,000 population (n=15; population=14,040). The previous 2-week Incidence Rate was 91 (n=13) per 100,000 population.

15%

15% increase in newly Confirmed COVID-19 Cases amongst Jasper County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Jasper County



Current 2-week Period Outbreak Related Cases The cases reported in Jasper County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Jasper County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 7% (n=99) of cases reported in Jasper County have been linked to an outbreak.

Jones County - Minimal Spread

AREA OF CONCERN: Since 4/24/2021,0% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 5.2% of COVID-19 PCR tests were positive during the 14-day period (4/24-5/7/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Jones County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

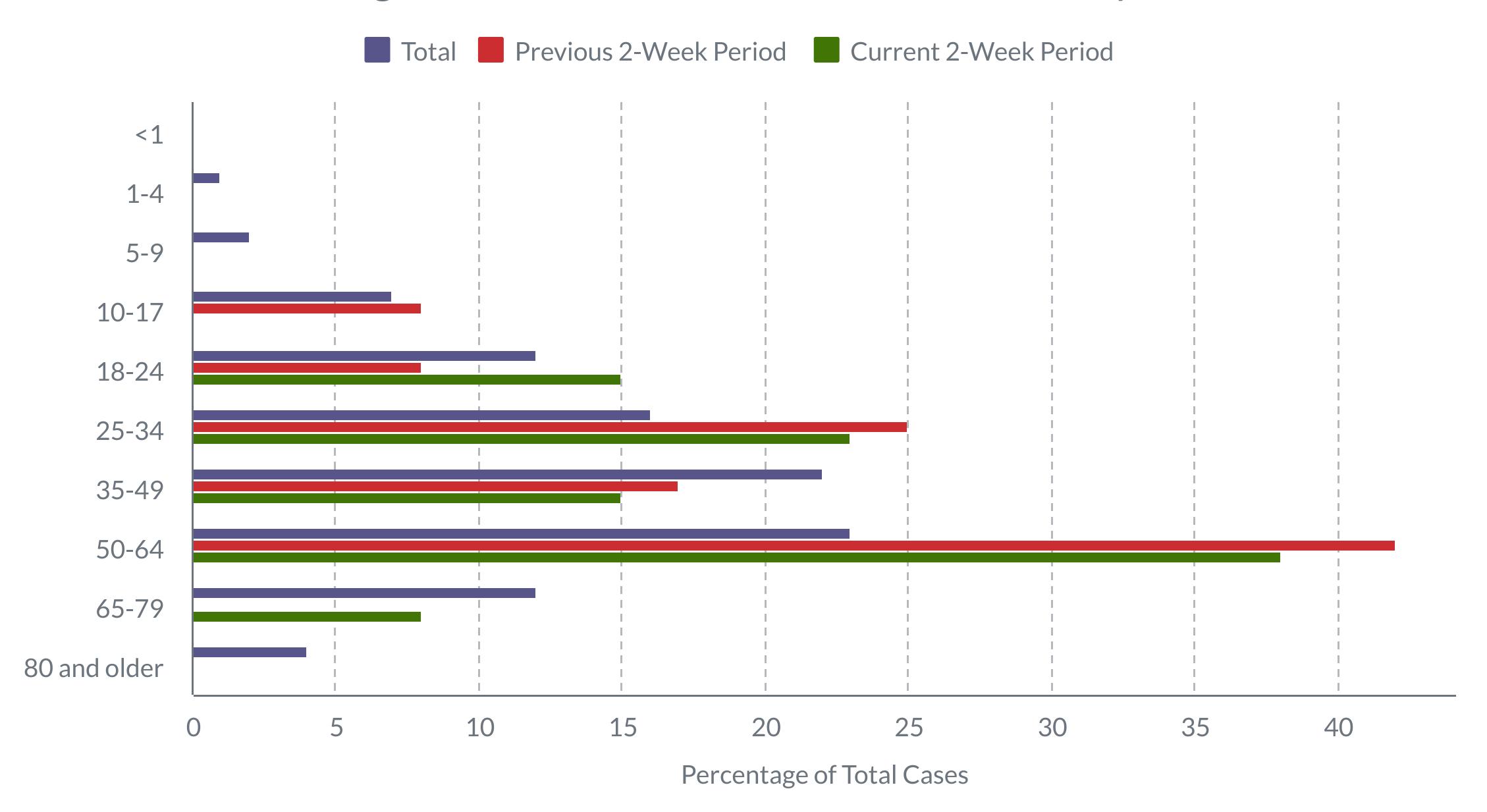


The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 45 per 100,000 (n=13; population=28,616)**. The previous 2-week Incidence Rate was 42 (n=12) per 100,000 population.



8% increase in newly Confirmed COVID-19 Cases amongst Jones County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Jones County



Current 2-week Period Outbreak Related Cases The cases reported in Jones County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Jones County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=122) of cases reported in Jones County have been linked to an outbreak.

Monroe County - Substantial Spread

Since 4/24/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 6% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

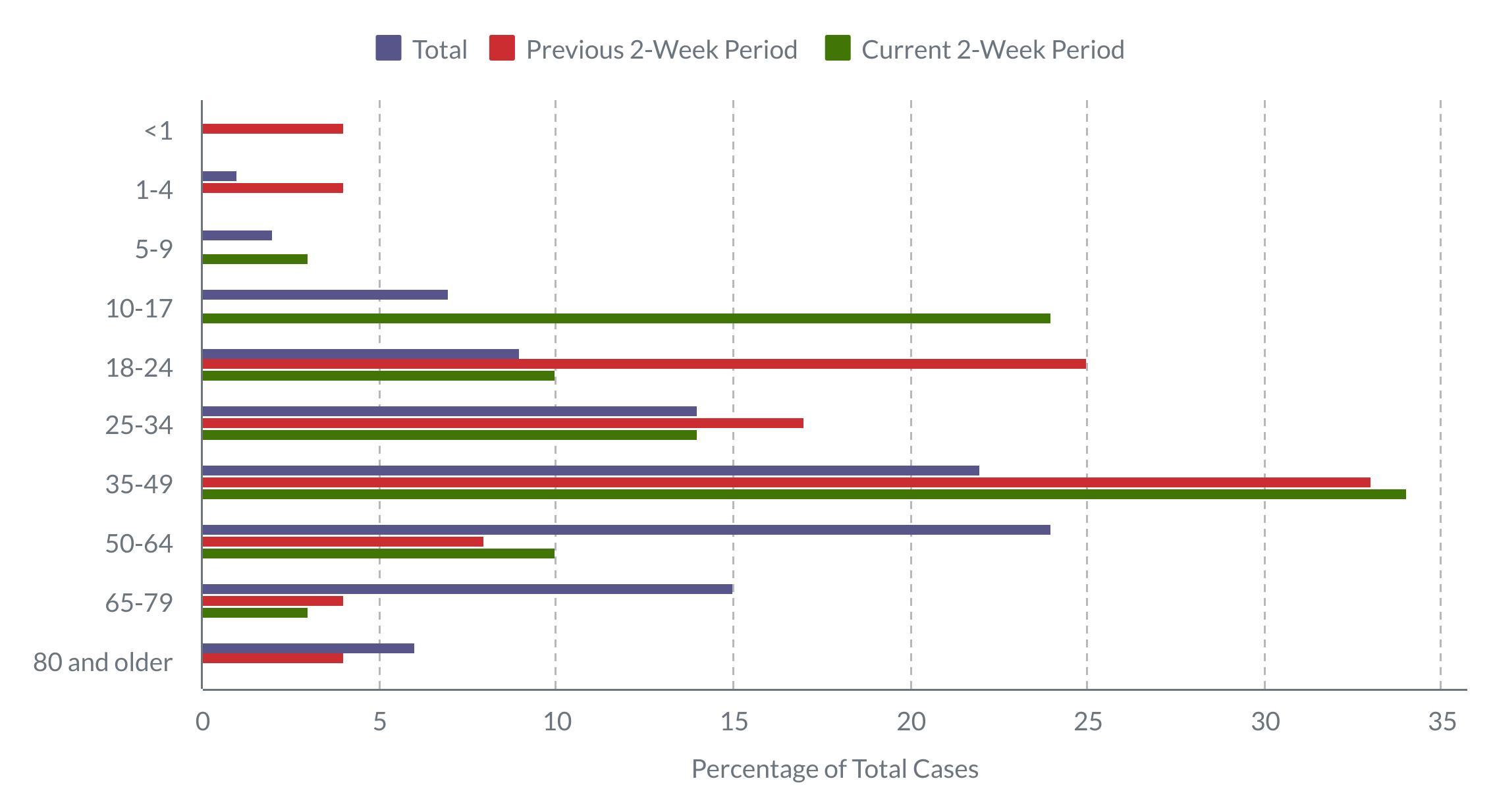


The incidence rate of COVID-19 for Monroe County residents from the Current 2-Week Period was 105 per 100,000 population (n=29; population=27,520). The previous 2-week Incidence Rate was 87 (n=24) per 100,000 population.



21% increase in newly Confirmed COVID-19 Cases amongst Monroe County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Monroe County



Current 2-week Period Outbreak Related Cases The cases reported in Monroe County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Monroe County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 10% (n=274) of cases reported in Monroe County have been linked to an outbreak.

Peach County - Substantial Spread

Since 4/24/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 8.3% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

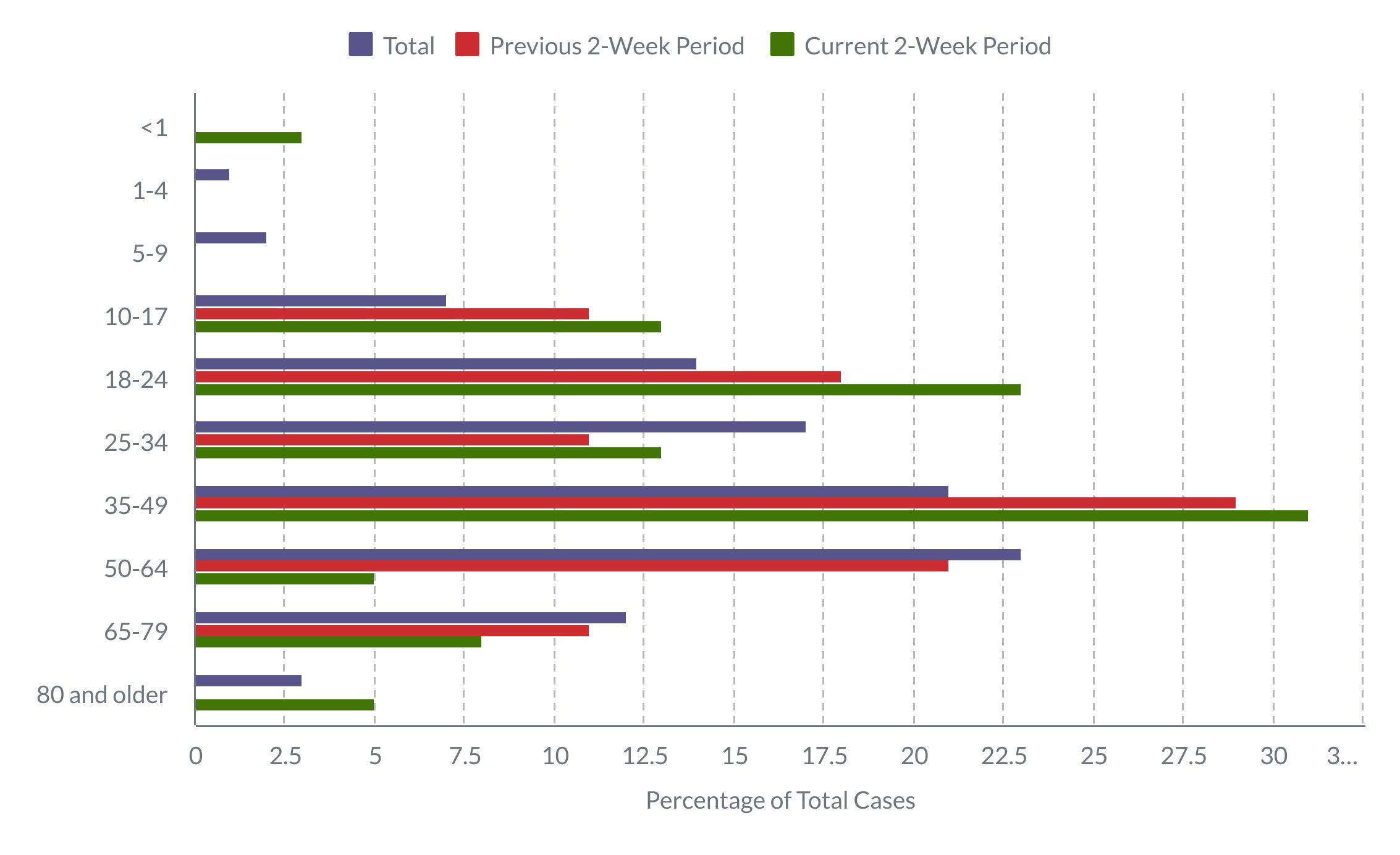
142 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Peach County residents from the **Current 2-Week Period was 142 per 100,000 population (n=39; population=27,297)**. The previous 2-week Incidence Rate was 102 (n=28) per 100,000 population.



39% increase in newly Confirmed COVID-19 Cases amongst Peach County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Peach County



Current 2-week Period Outbreak Related Cases The cases reported in Peach County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Peach County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 4% (n=110) of cases reported in Peach County have been linked to an outbreak.

Putnam County - Substantial Spread

Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 7.3% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

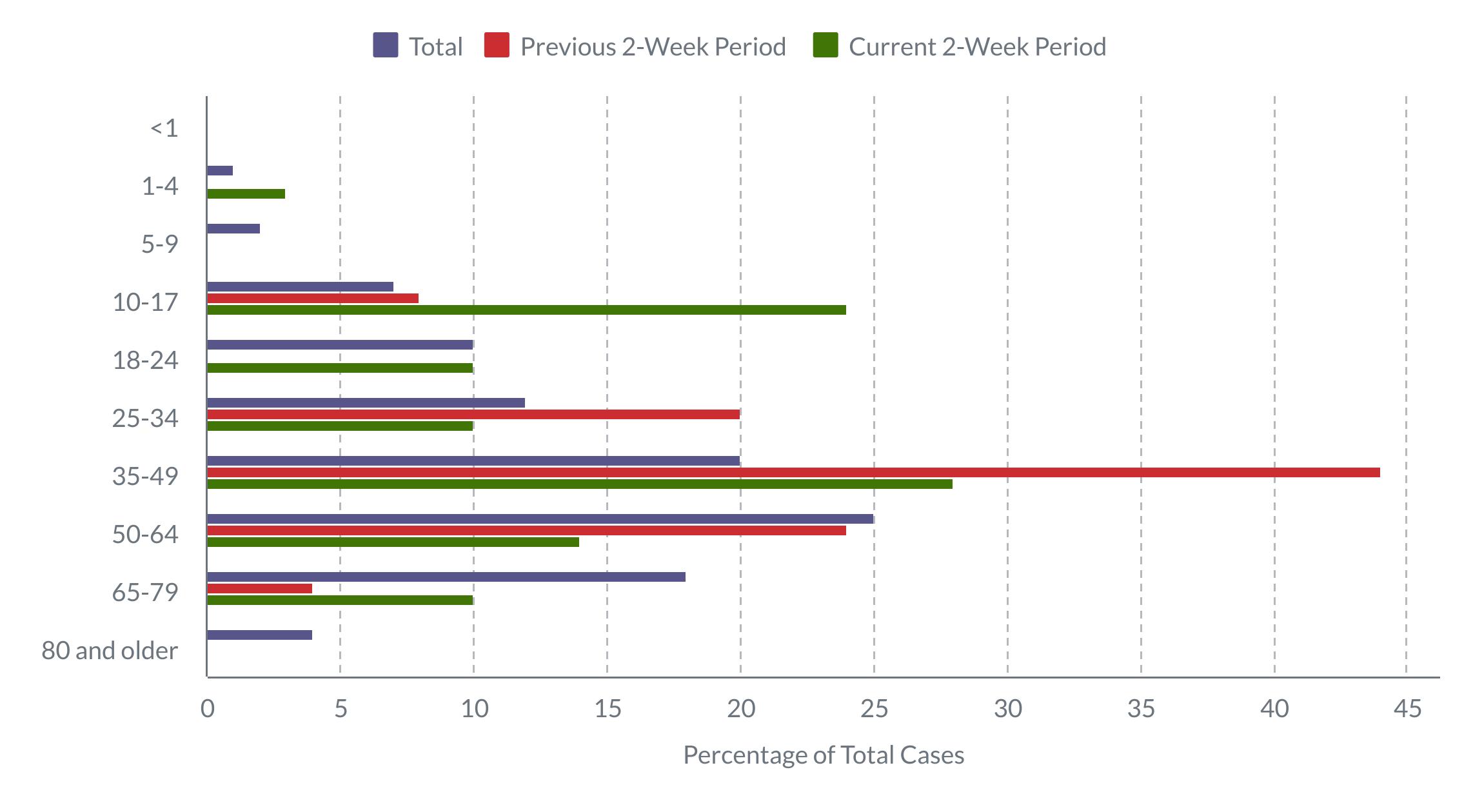


The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 131 per 100,000 population (n=29; population=21,809)**. The previous 2-week Incidence Rate was 113 (n=25) per 100,000 population.

16%

16% increase in newly Confirmed COVID-19 Cases amongst Putnam County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Putnam County



Current 2-week Period Outbreak Related Cases The cases reported in Putnam County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Putnam County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=124) of cases reported in Putnam County have been linked to an outbreak.

Twiggs County - Substantial Spread

Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 5.8% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

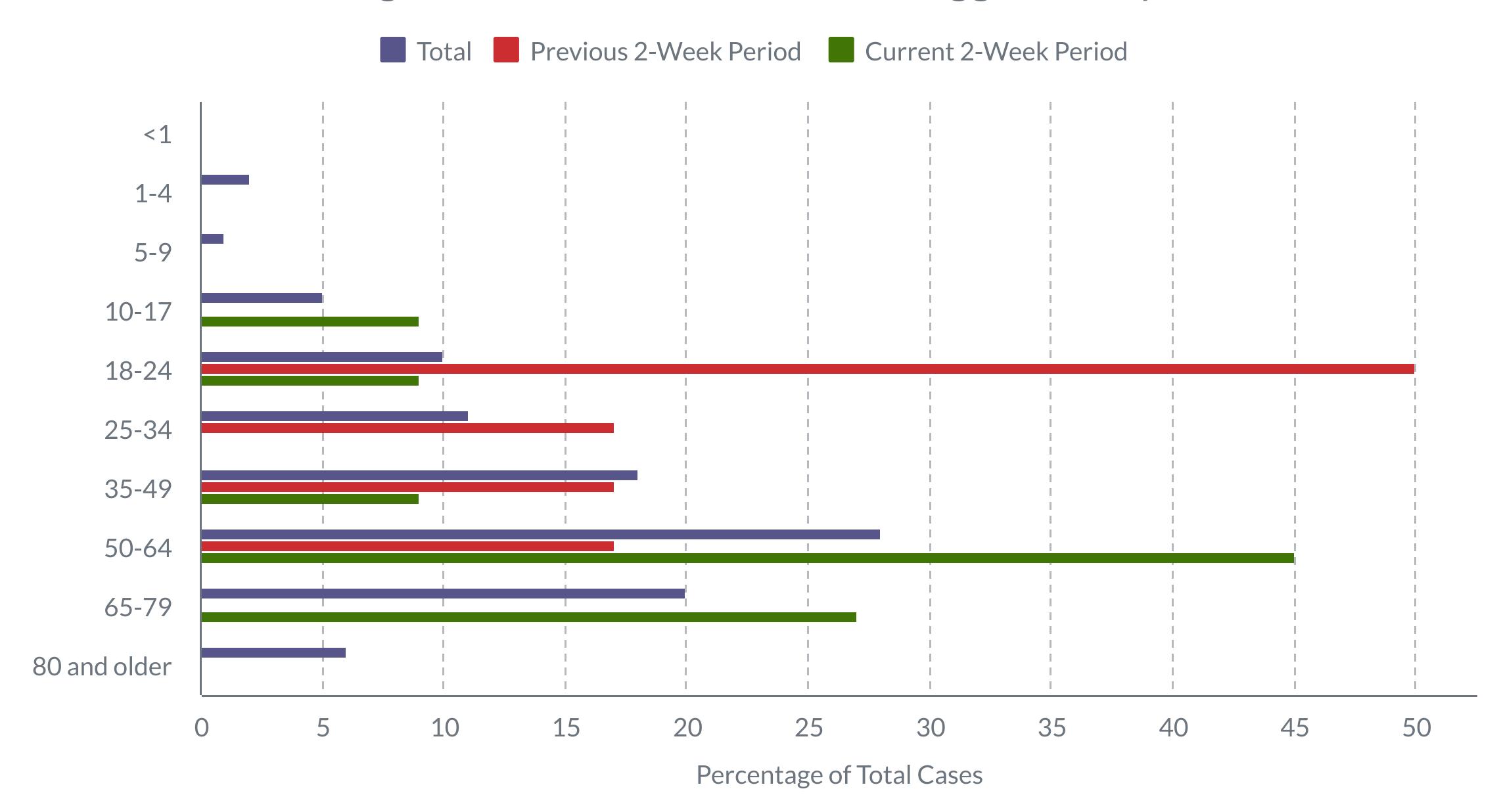
135 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Twiggs County residents from the Current 2-Week Period was 135 per 100,000 population (n=11; population=8,188). The previous 2-week period Incidence Rate was 74 (n=6) per 100,000 population.



83% increase in newly Confirmed COVID-19 Cases amongst Twiggs County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Twiggs County



36%

Current 2-week Period Outbreak Related Cases The cases reported in Twiggs County from the Current 2-Week Period associated with an outbreak account for 36% (n=4) of the total cases reported during that time county-wide. During this time period, 100% (n=4) of the outbreak-related cases are associated with a congregate care setting. The other 64% of cases reported during that timeframe in Twiggs County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 17% (n=120) of cases reported in Twiggs County have been linked to an outbreak.

Washington County - Substantial Spread

AREA OF CONCERN: Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 12.2% of COVID-19 PCR tests were positive during the 14-day period (4/24-5/7/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Washington County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

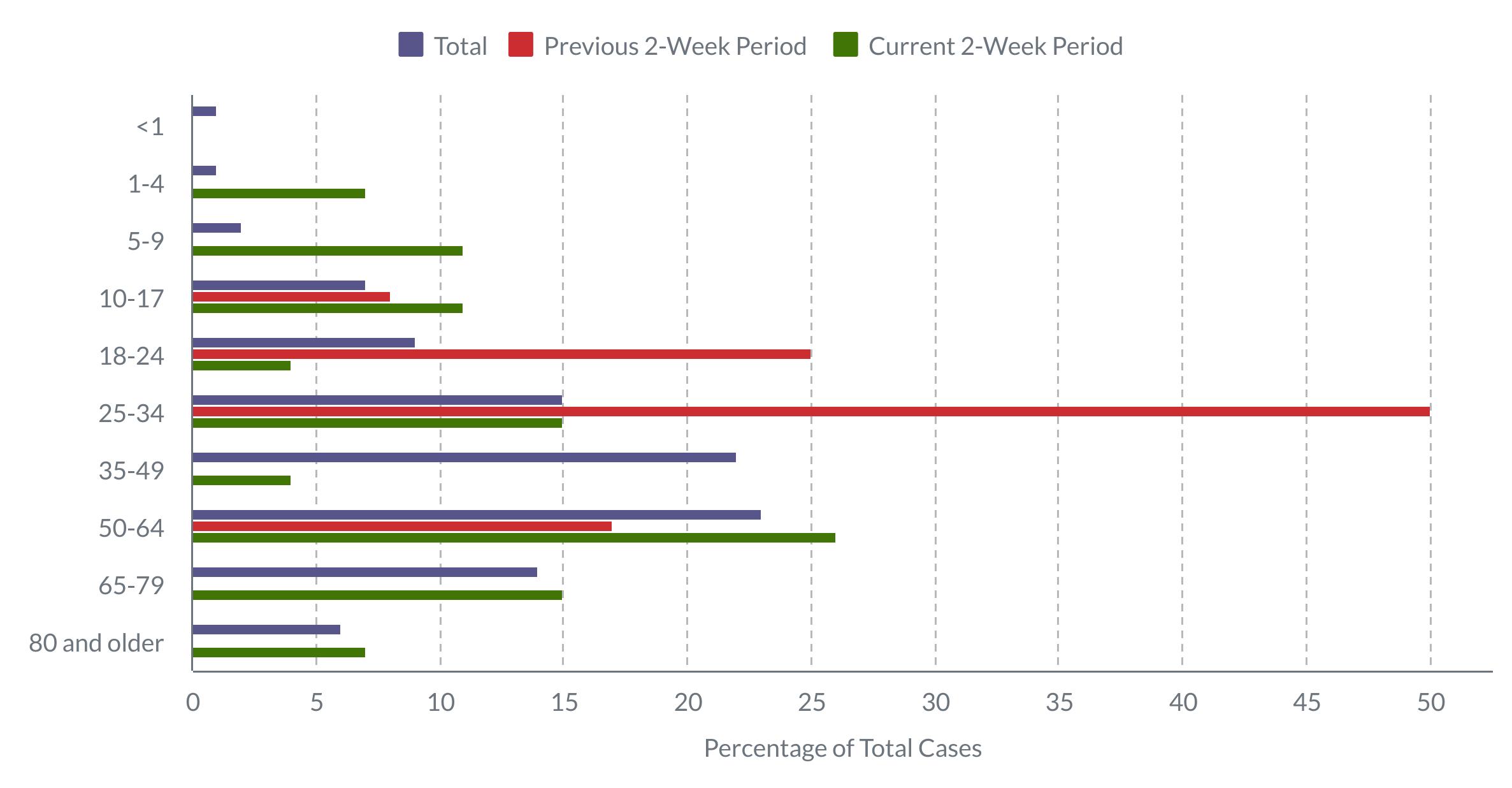
133 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Washington County residents from the Current 2-week Period was 133 per 100,000 population (n=27; population=20,386). The previous 2-week Incidence Rate was 59 (n=12) per 100,000 population.

125%

125% increase in newly Confirmed COVID-19 Cases amongst Washington County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Washington County



Current 2-week Period Outbreak Related Cases The cases reported in Washington County for the Current 2-week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Washington County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 14% (n=287) of cases reported in Washington County have been linked to an outbreak.

Wilkinson County - Moderate Spread

Since 4/24/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 3.2% of COVID-19 PCR tests were positive during the 14-day period (4/24 - 5/7/2021).

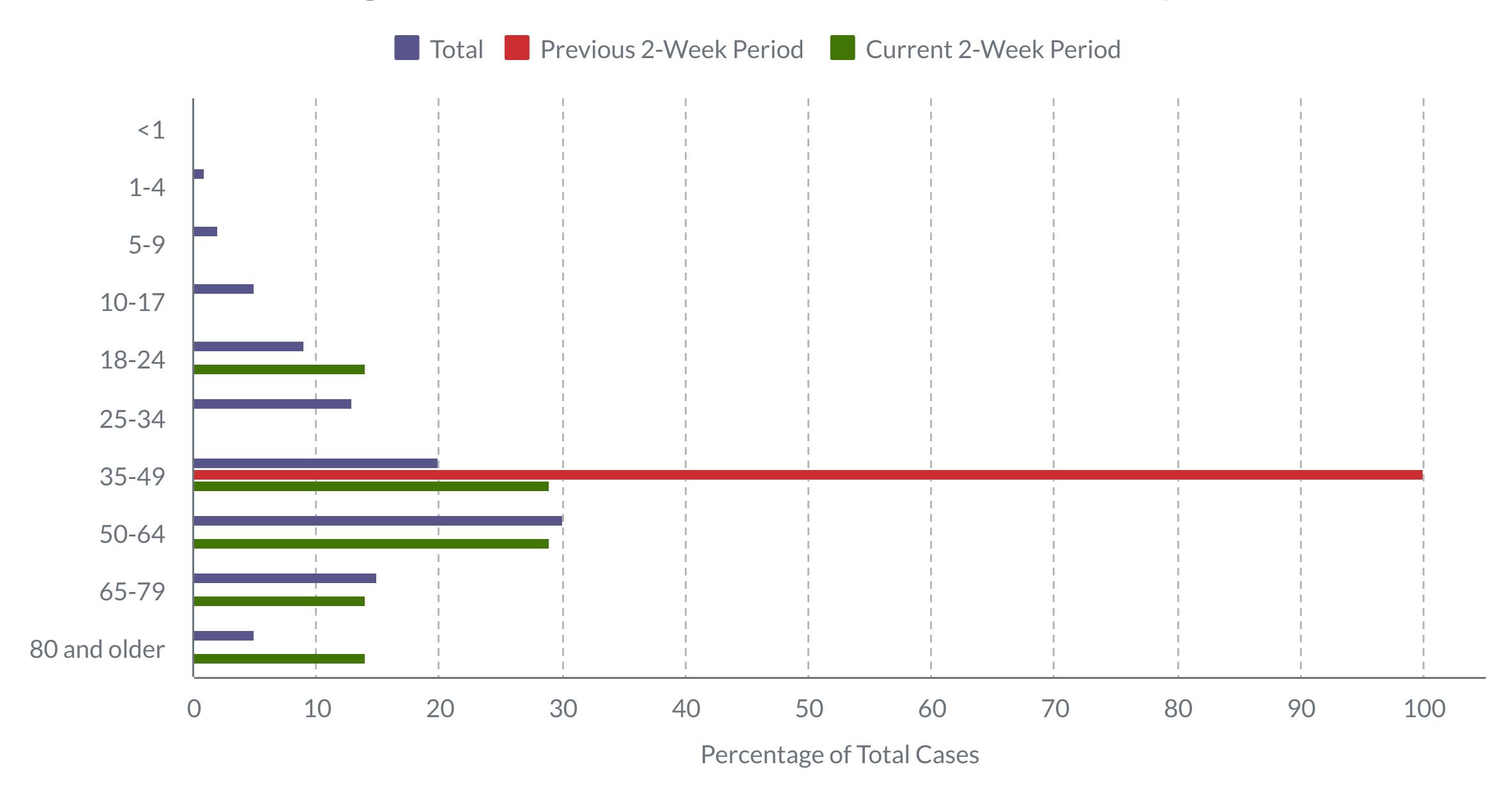
78 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period was less than 78 per 100,000 population (n=7; population=9,036). The previous 2-week Incidence Rate was 11 (n=1) per 100,000 population.



600% increase in newly Confirmed COVID-19 Cases amongst Wilkinson County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Wilkinson County



Current 2-week Period Outbreak Related Cases The cases reported in Wilkinson County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. The other 100% of cases reported during that timeframe in Wilkinson County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 7% (n=68) of cases reported in Wilkinson County have been linked to an outbreak.



North Central Health District COVID-19 Operational Summary



May 11, 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.

Workforce

NCHD has a total of 334 employees. Since before the response to COVID-19 started, NCHD staff have been planning and preparing for the response. In January 2020, the Epidemiology and Emergency Preparedness programs began watching the situation closely, educating partners, and monitoring travelers. Today, we have scaled back our normal operations to be able to respond to this event appropriately and have employees dedicated full time to the response with many additional employees assisting on an as-needed basis. Public health staff are working on a variety of tasks from epidemiology (which includes data management, case investigation, contact tracing, and outbreak investigations), vaccination, Partner Coordination, SPOC operations, and ensuring our regulated facilities are operating according to the newest executive order. In addition to our workforce, NCHD has received several temporary staff (i.e. nursing, administrative support, case investigators, and contact tracers) from the state office that are assisting with Epidemiology and SPOC operations.

17 9	
7	EPIDEMIOLOGY - CORE (LEADS, Outbreaks, SME)
45	CASE INVESTIGATOR (Dedicated)
21	CONTACT TRACER (Dedicated)
2	EPIDEMIOLOGY - DATA ENTRY
5	SPOC OPERATIONS
41	VACCINE STAFF
48	VACCINE SUPPORT STAFF

COVID-19 Vaccination

North Central Health District received its initial allocation of COVID-19 vaccine Dec. 23. After administrating vaccine to a small group of public health staff and community partners on Dec. 26, the district began the first vaccination of the Phase 1A group Dec. 28. As of March 25, individuals aged 12 years and older can receive a COVID-19 vaccine.

Note: Pfizer is the only COVID vaccine currently approved for children aged 12 and older. Our locations do not offer the Pfizer vaccine. Our sites use Moderna or Johnson & Johnson, and can only vaccinate age 18 and older.

The information in this portion of the report is accurate as of 5/16/2021 at 4 PM.

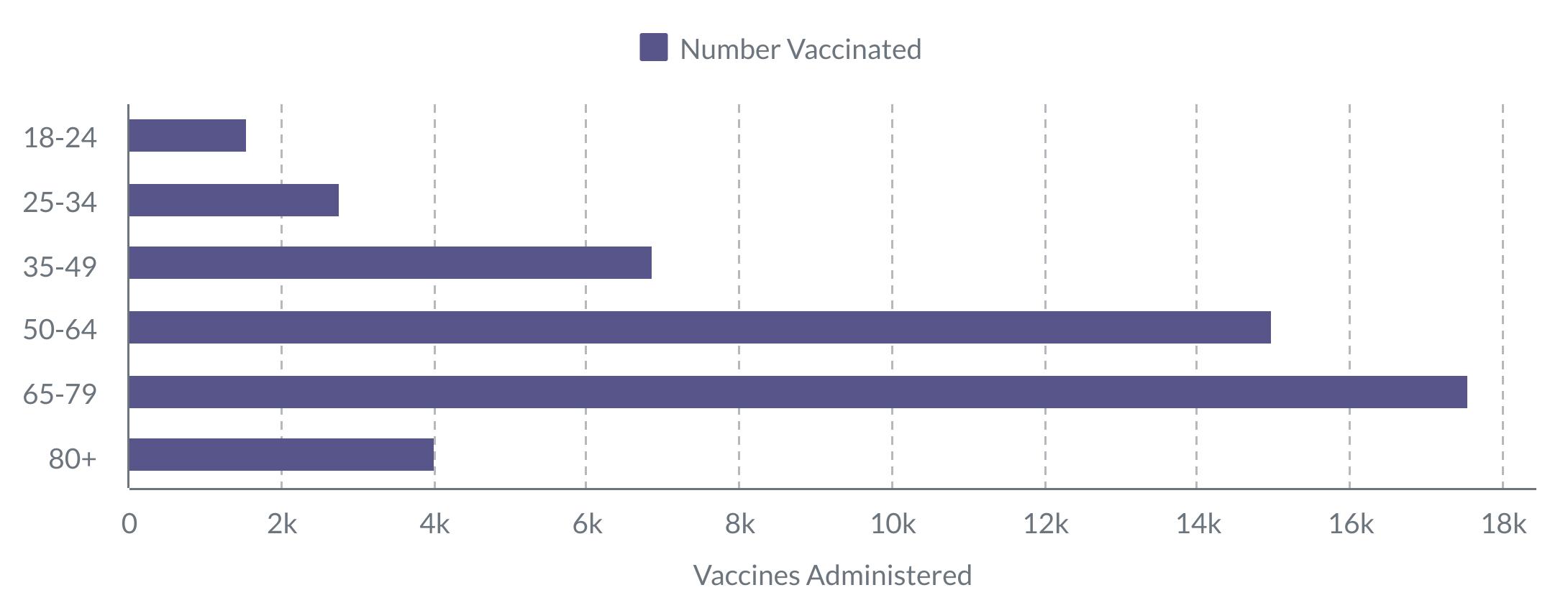
97000	MODERNA VACCINE DOSES RECEIVED
83855	MODERNA VACCINE DOSES ADMINISTERED
39895	MODERNA SECOND DOSES ADMINISTERED
7436	J&J VACCINE DOSES RECEIVED
3789	J&J VACCINE DOSES ADMINISTERED

Beginning May 17, 8 of the 13 NCHD COVID-19 vaccine sites are administrating vaccine without appointments. These sits operate 8:30 a.m. to noon based on the following schedule:

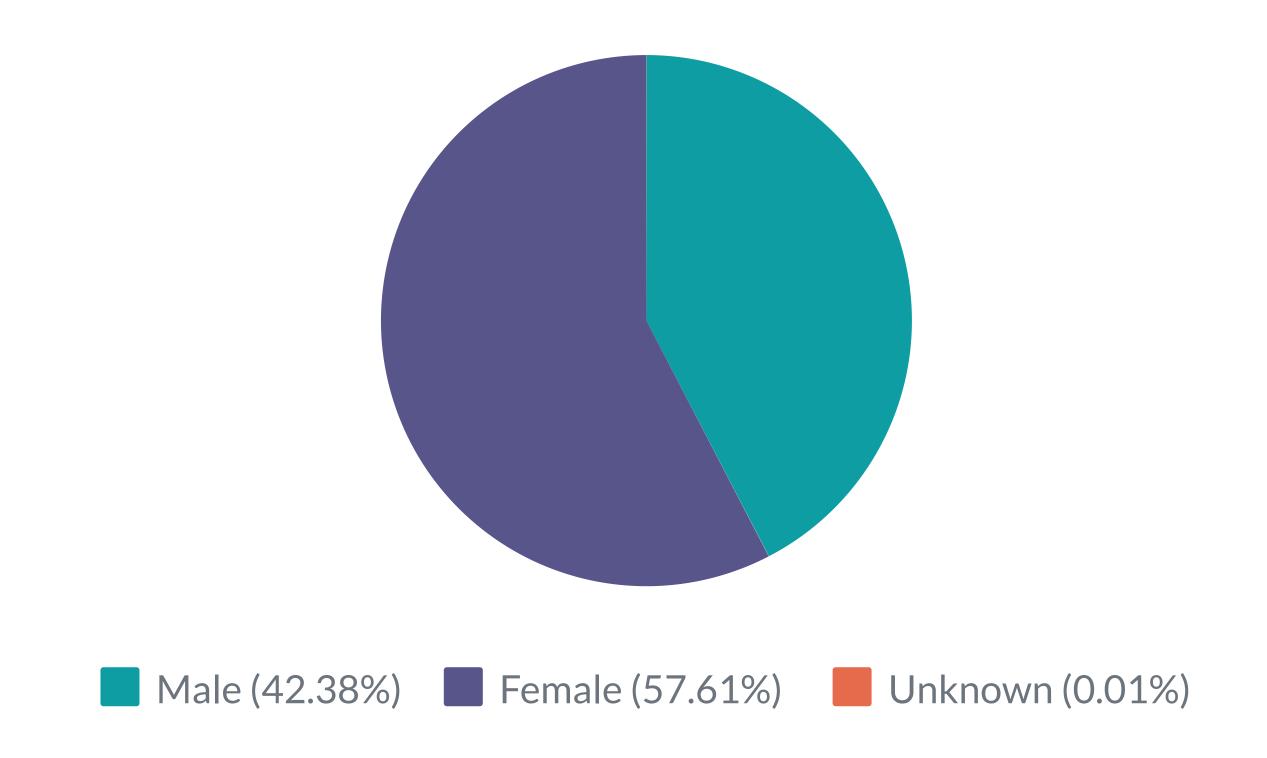
- Baldwin County Health Department Tuesdays, Wednesdays & Thursdays
- Crawford County Health Department Wednesdays
- Houston County Health Department Mondays, Wednesdays & Fridays
- Macon-Bibb County Health Department Mondays, Wednesdays & Fridays
- Monroe County Health Department Mondays
- Twiggs County Health Department Wednesdays
- Washington County Health Department Tuesdays & Fridays
- Wilkinson County Health Department Thursdays

COVID-19 Vaccination District-Level Data

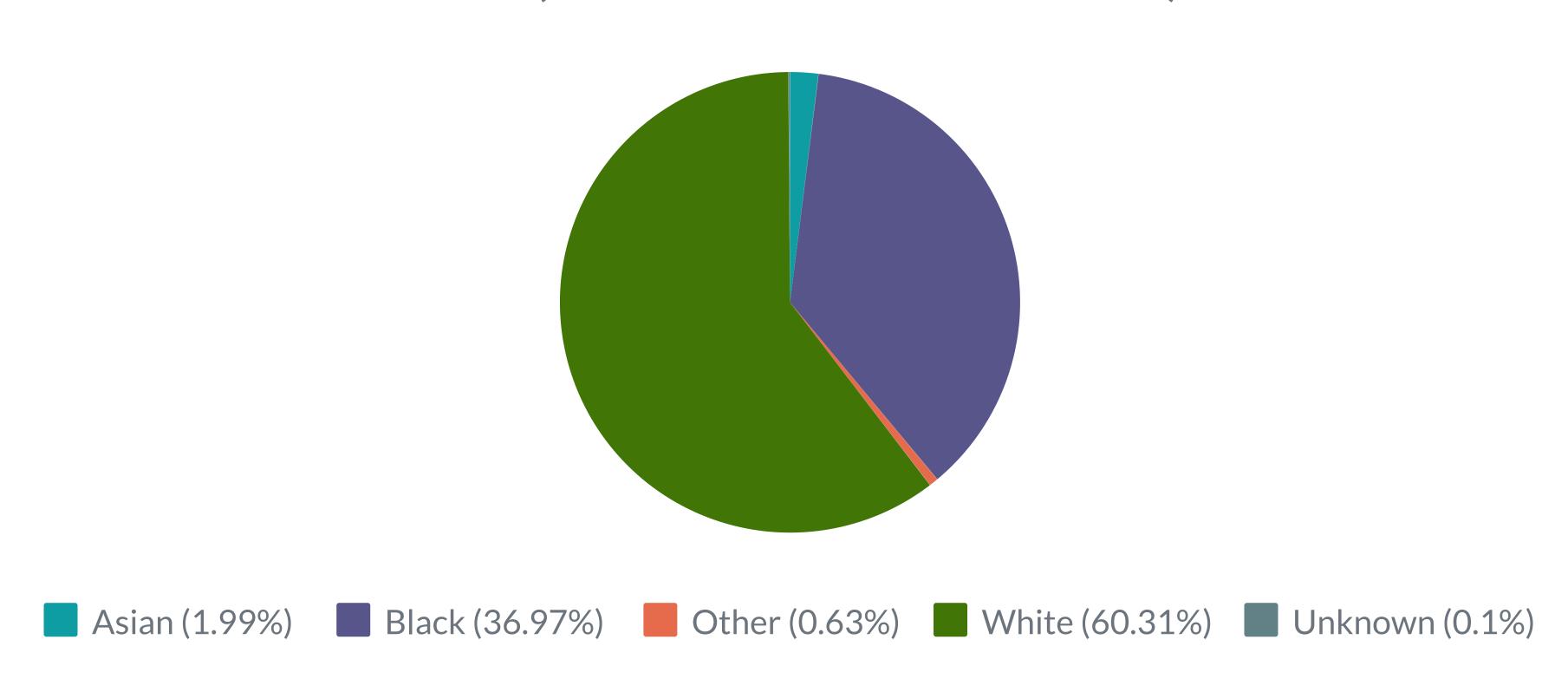
Age Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)



Gender Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)

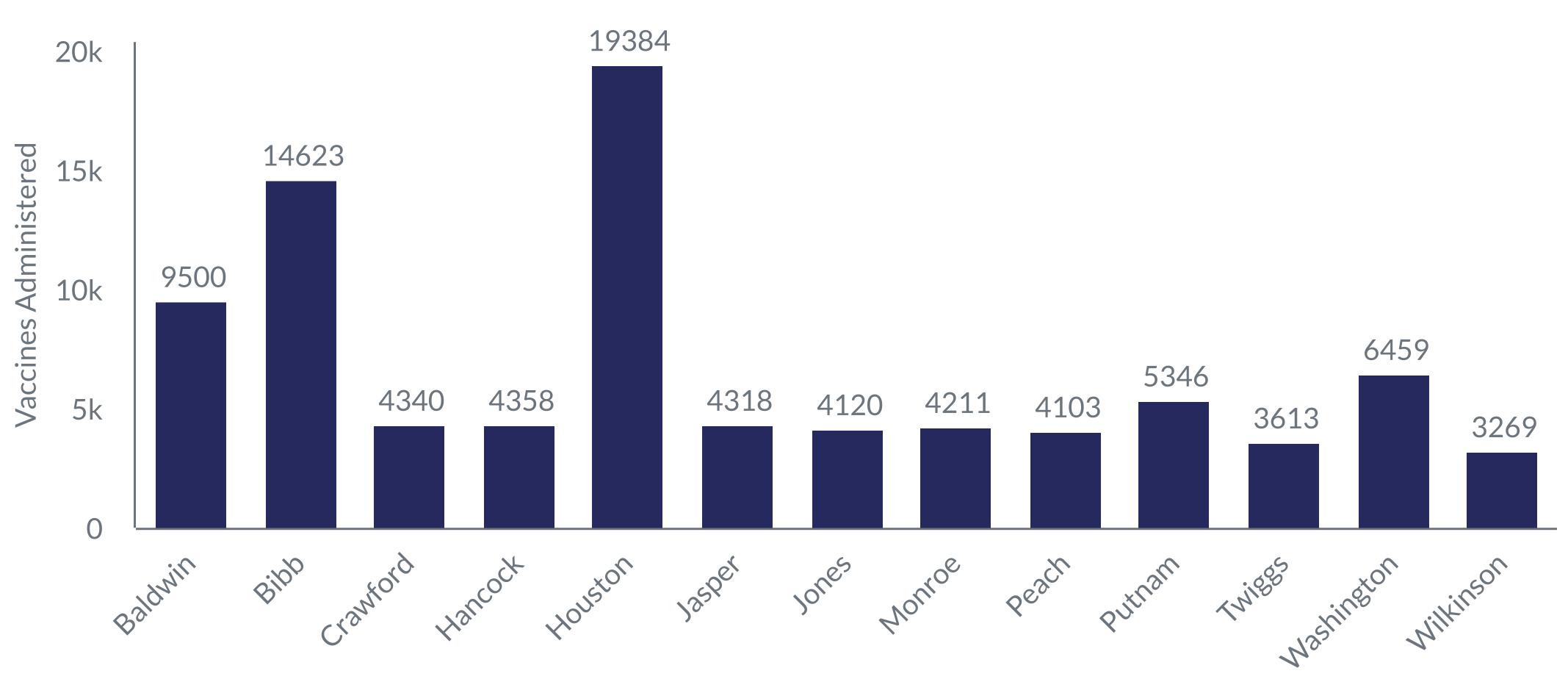


Race Distribution of Vaccination Across District's 13 County Vaccine Sites (Received at Least 1 Dose)

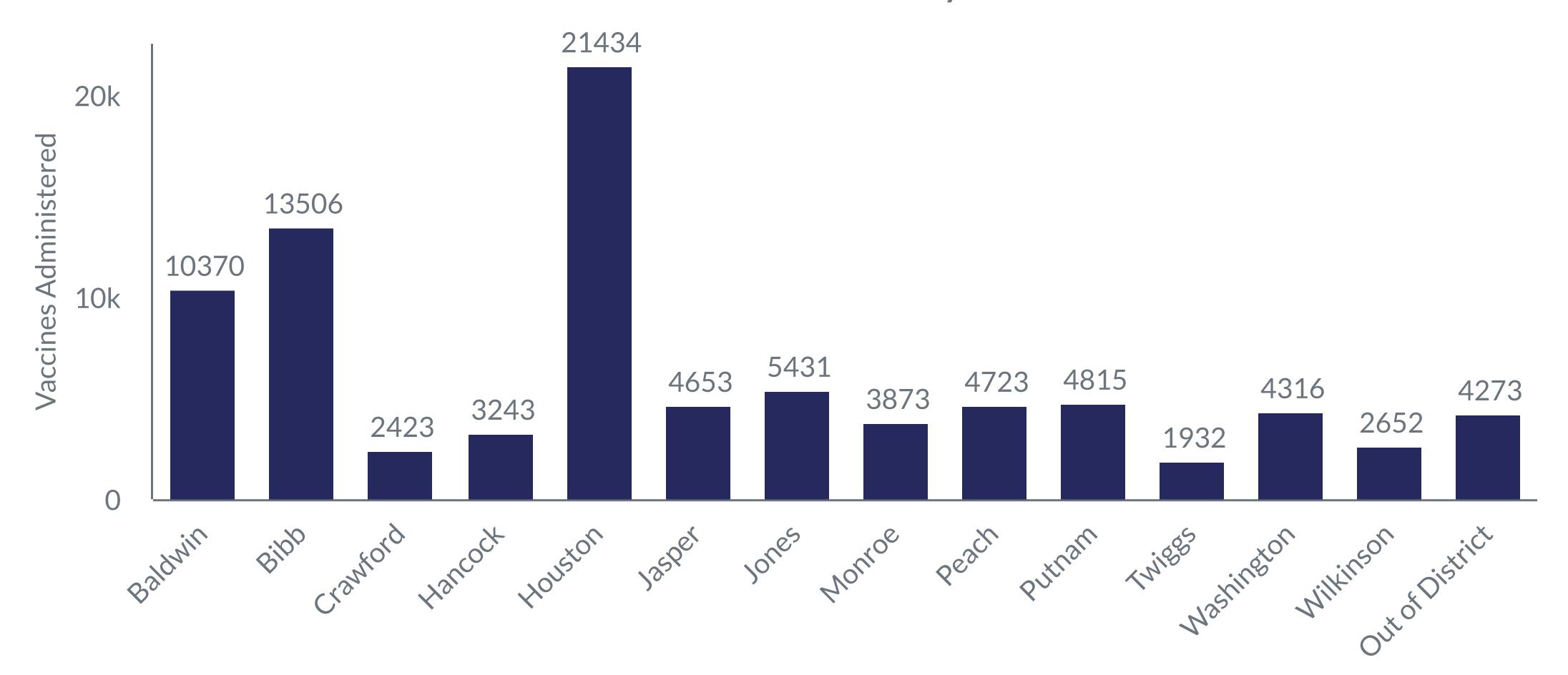


COVID-19 Vaccination County-Level Data

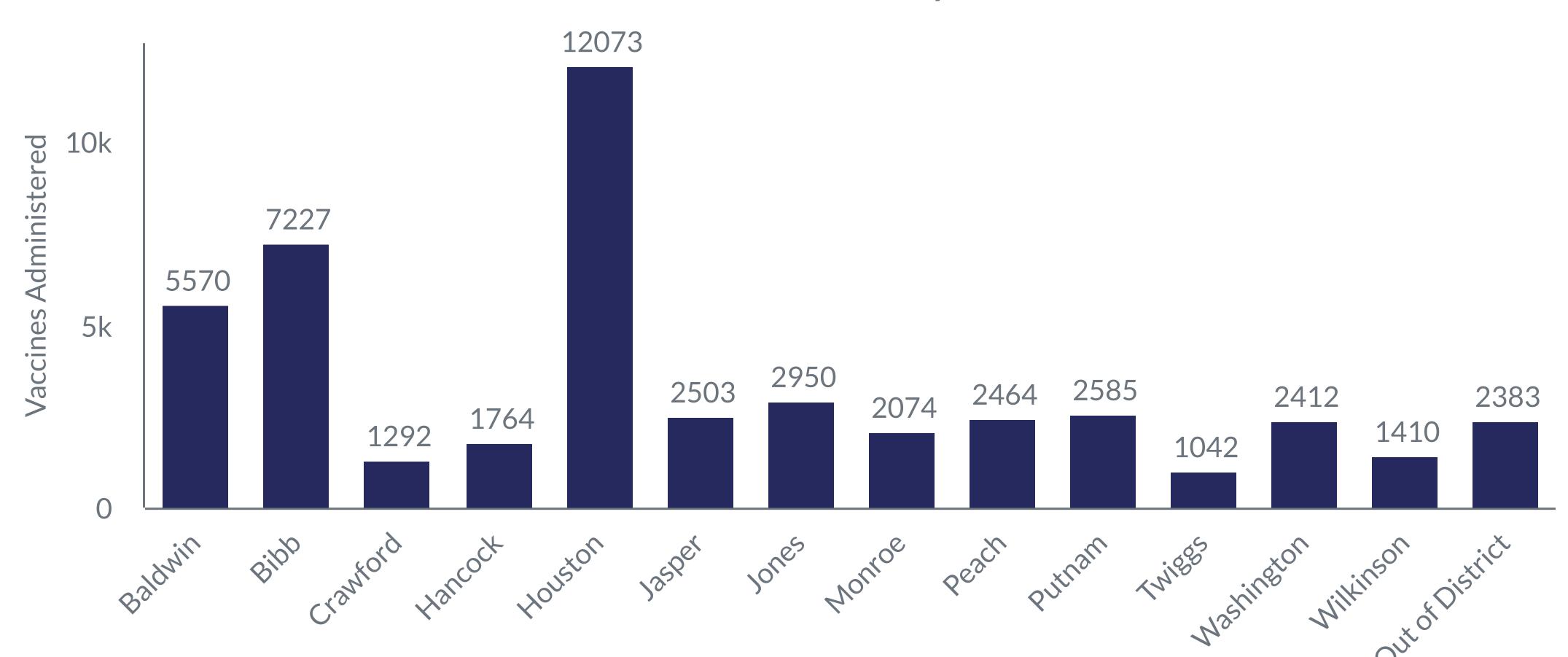
Total Doses Administered by County



Total Doses Administered by Residence



1st Doses Administered by Residence



Specimen Points of Collection (SPOC)

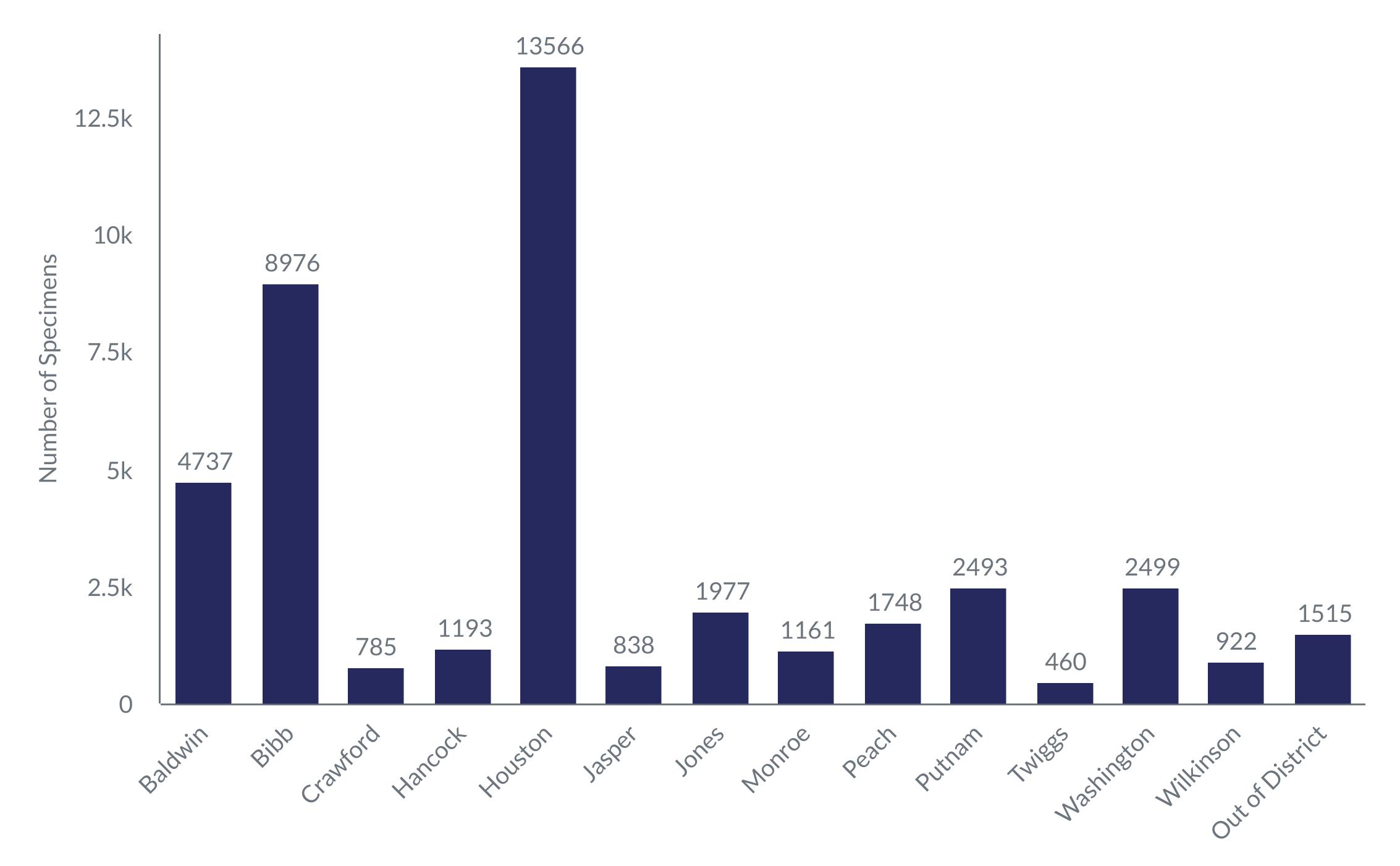
On March 18, 2020, NCHD stood up our first SPOC in Houston County, in the following weeks we expanded to 3 additionals locations in Jasper, Jones, and Washington Counties. The activities of these locations were limited in capacity due to state-supplied specimen collection kits. On 4/17/2020, due to an increase in the state's capacity to supply specimen collection kits, we opened our fifth location in Bibb County. On 5/3/2020, we expanded testing to all 13 of our county health departments.

As of 2/1/2021, Houston County SPOC is now 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.

The information in this portion of the report is accurate as of 5/16/2021 at 12 PM.

The data shown on this page only reflects specimens collected from NCHD public health points of collection and not representative of all specimens collected within our 13-county area.

Number of Specimens Collected by Residency



Specimens Collected Between 5/9/2021-5/16/2021 1196
21-Day
Positivity Rate
for NCHD
COVID-19
Testing

42,870

Total Specimens Collected

10%
Total Positivity
Rate for
NCHD
COVID-19
Testing

Epidemiology - Data Definitions

The information in the rest of the report is a breakdown by Presumptive and Confirmed Cases by each county within NCHD.

Confirmed Cases are those tested using a Molecular Test (i.e. PCR) since 3/1/2020.

Presumptive Cases are those tested using an Antigen Test since 3/1/2020

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 2018 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
- <u>Insufficient Data</u>: 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.

Counties of Interest are identified by counties that have within the most current week (most recent 7 days) to the previous week [>5% increase in COVID syndrome/ILI syndrome (if >2 visits) AND >5% increase in cases (if >2 cases)] OR [>25% change in cases AND >10 cases during most recent week].

Syndromic surveillance (SS) provides a method for timely detection of potential clusters or outbreaks of specified diseases/events. SS data include emergency department (ED) visits based on the patient's chief complaint upon admission and/or discharge diagnosis. <u>SS data used within this report is based on county of residence NOT facility.</u>

- *Covid-19 Syndrome includes:* Chief complaint text for "coronavirus", "covid", "c-19", or "ncov". Selected discharge diagnosis codes (ICD or Snomed) relevant to COVID-19; including confirmed COVID-19, suspected/probable COVID-19, unspecified coronavirus infection, exposure to COVID-19, or severe acute respiratory syndrome.
- *ILI Syndrome includes:* Chief complaint text for fever, influenza, RSV, viral infection, viral pneumonia, cough (if fever), or sore throat (if fever).
- *Note:* Covid-19 Syndrome excludes select visits related to Covid-19 testing or exposure with no mention of symptoms. Criteria for syndromes are subject to change as additional information is received.

The information is accurate as of 5/16/2021 at 12 PM.

CURRENT 2 WEEK PERIOD: 4/26/2021 - 5/9/2021

PREVIOUS 2 WEEK PERIOD: 4/12/2021 - 4/25/2021

PREVIOUS 7 DAYS: 5/10/2021 - 5/16/2021

Epidemiology - Overview

NCHD's Epidemiology Program is responsible for investigating every reported case of laboratory-confirmed COVID-19. The following information describes the activities of the epidemiology program and provides a description of the current situation with the district.

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 5/16/2021 at 12 PM.

MODERATE SPREAD

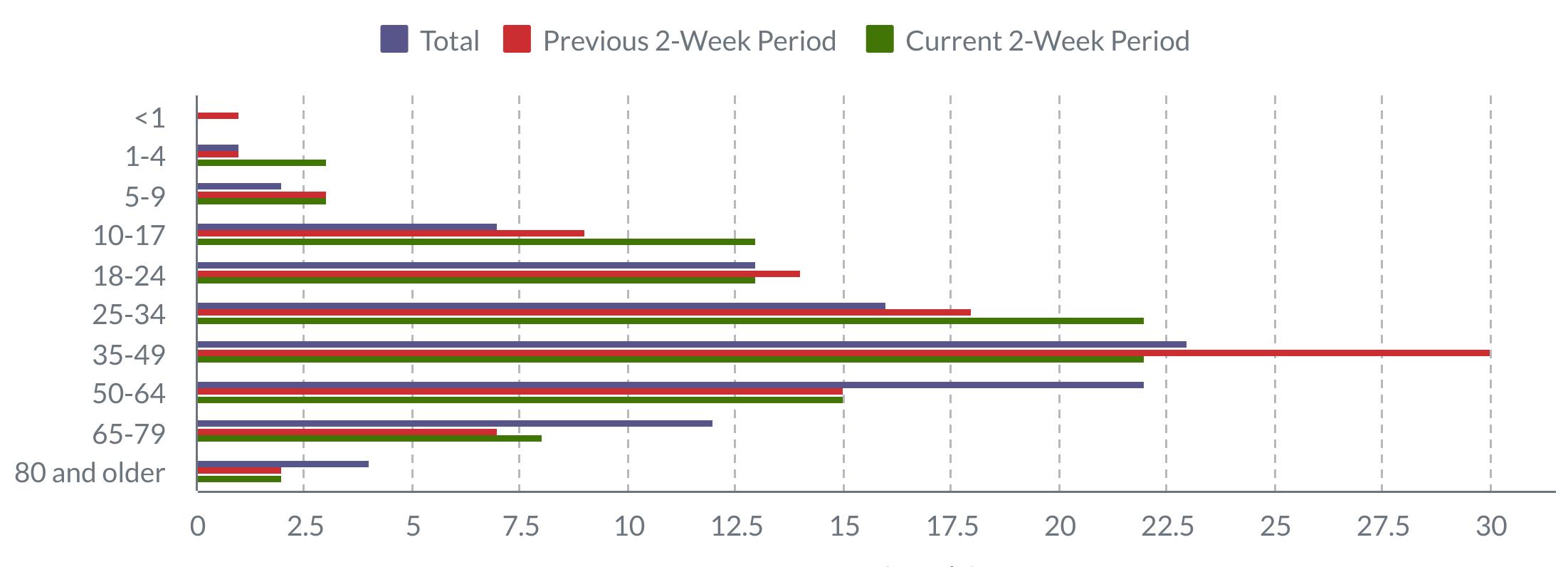
Total Number of Confirmed and	
Presumptive Cases	51,140
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4482 (8.76%)
Deaths	1381 (2.7%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	935 (67.7%)

82 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for NCHD residents for the **Current 2-Week Period was 82 per 100,000**population (n=438; population=530,945). The previous 2-week period Incidence Rate was 102 per 100,000 population (n=545).

County	Total Confirmed Cases as of 5/16/2021 12PM	Total Presumptiv e Cases as of 5/16/2021 12PM	Total Presumptiv e and Confirmed Cases 5/16/2021	Total Presumptiv e and Confirmed Cases 5/9/2021	Percent Change Between 5/9/2021- 5/16/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3857	661	4518	4501	0.4%	339	129
Bibb	13396	2403	15799	15752	0.3%	1807	441
Crawford	523	134	657	662	-0.8%	72	19
Hancock	838	74	912	907	0.6%	109	66
Houston	10153	4504	14657	14570	0.6%	948	258
Jasper	683	717	1400	1397	0.2%	68	39
Jones	1587	416	2003	1999	0.2%	172	57
Monroe	1884	768	2652	2633	0.7%	208	100
Peach	1878	781	2659	2640	0.7%	241	59
Putnam	1801	384	2185	2186	0.0%	163	56
Twiggs	513	213	726	722	0.6%	103	44
Washington	1640	407	2047	2038	0.4%	130	85
Wilkinson	735	190	925	920	0.5%	122	28
Total	39488	11652	51140	50927	0.4%	4482	1381

Age Distribution of Cases

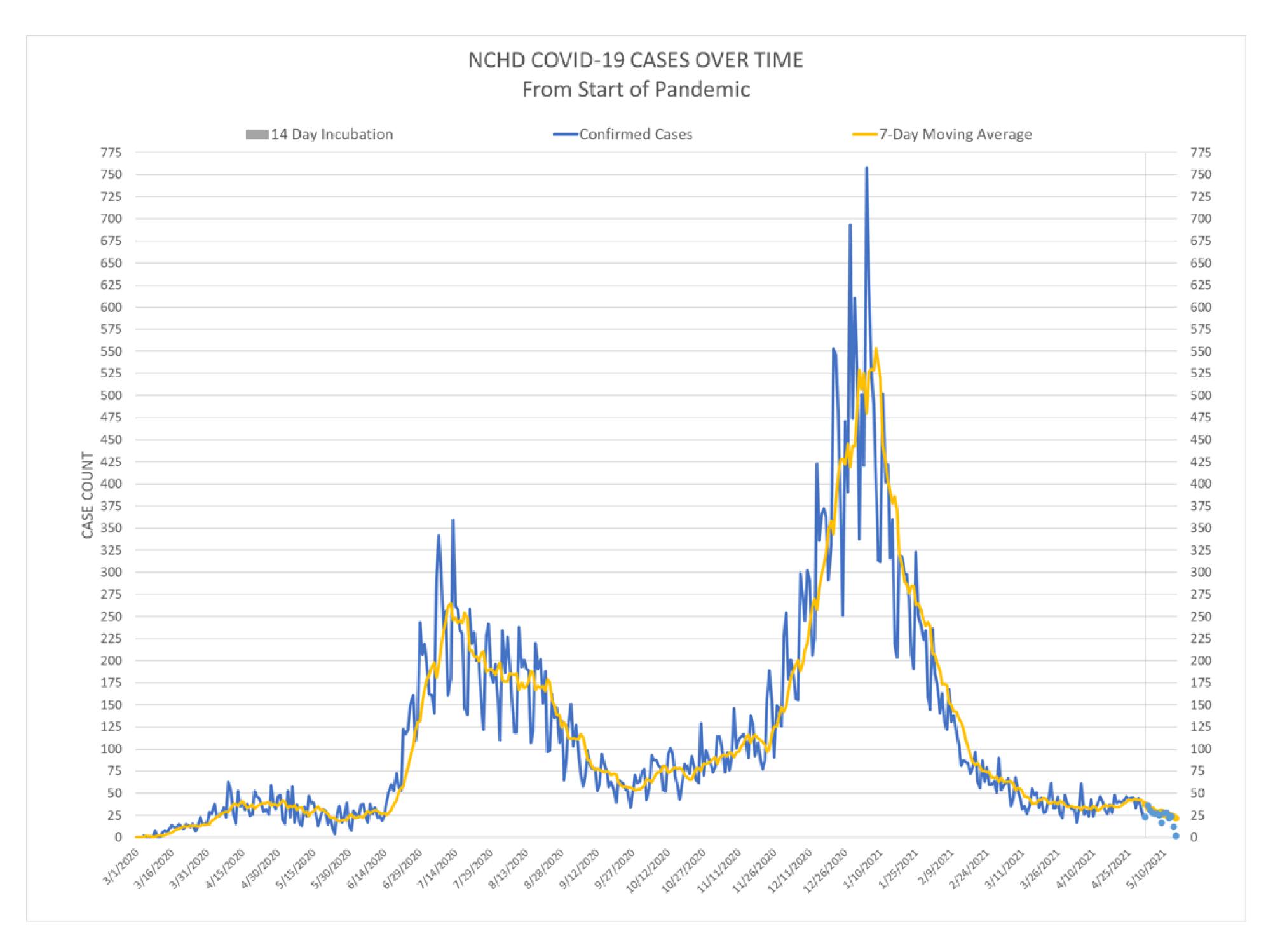


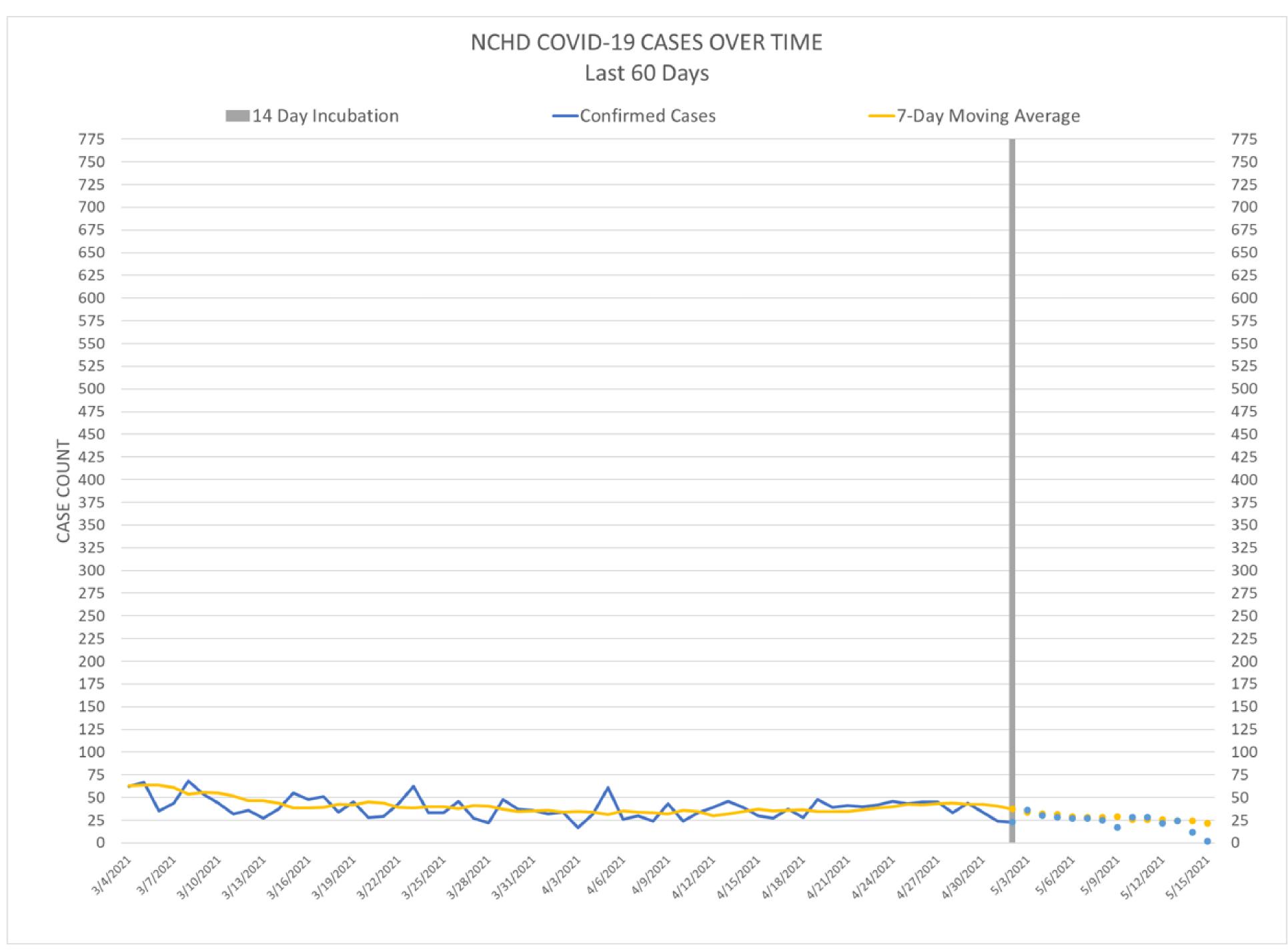
Percentage of Total Cases

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

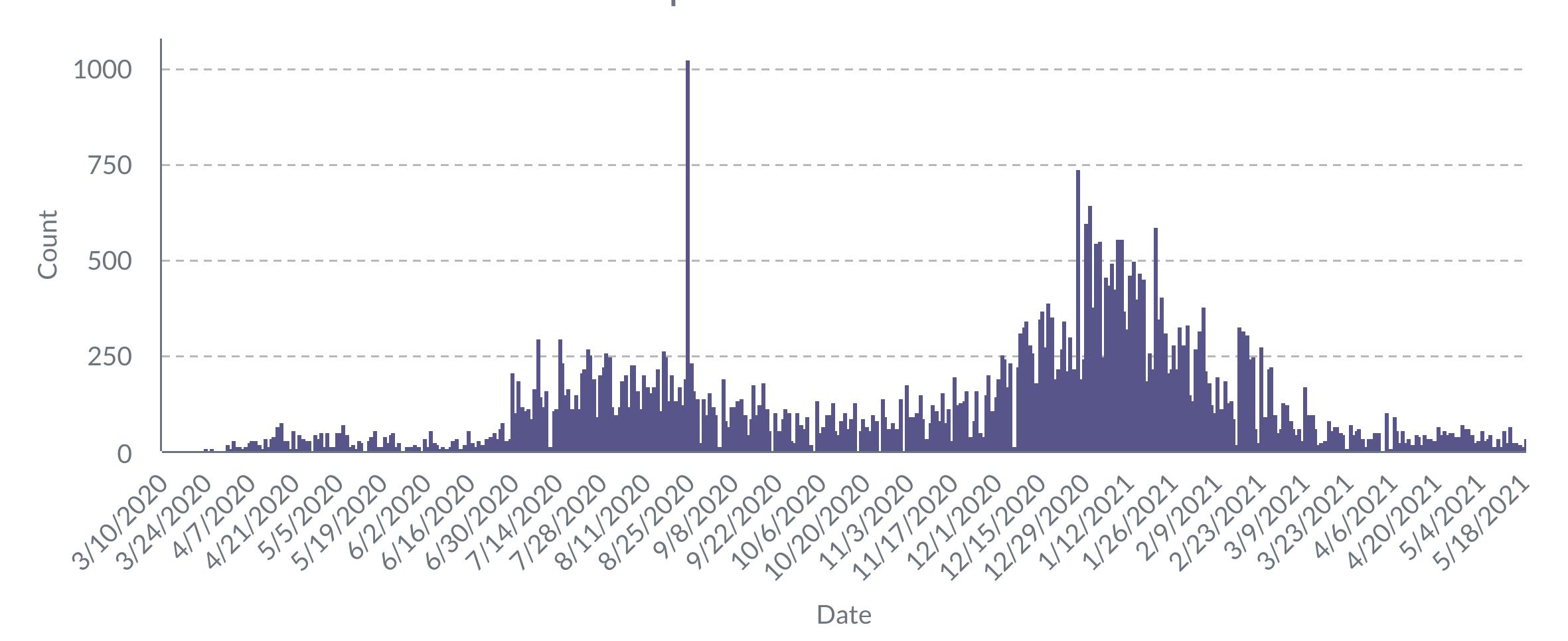




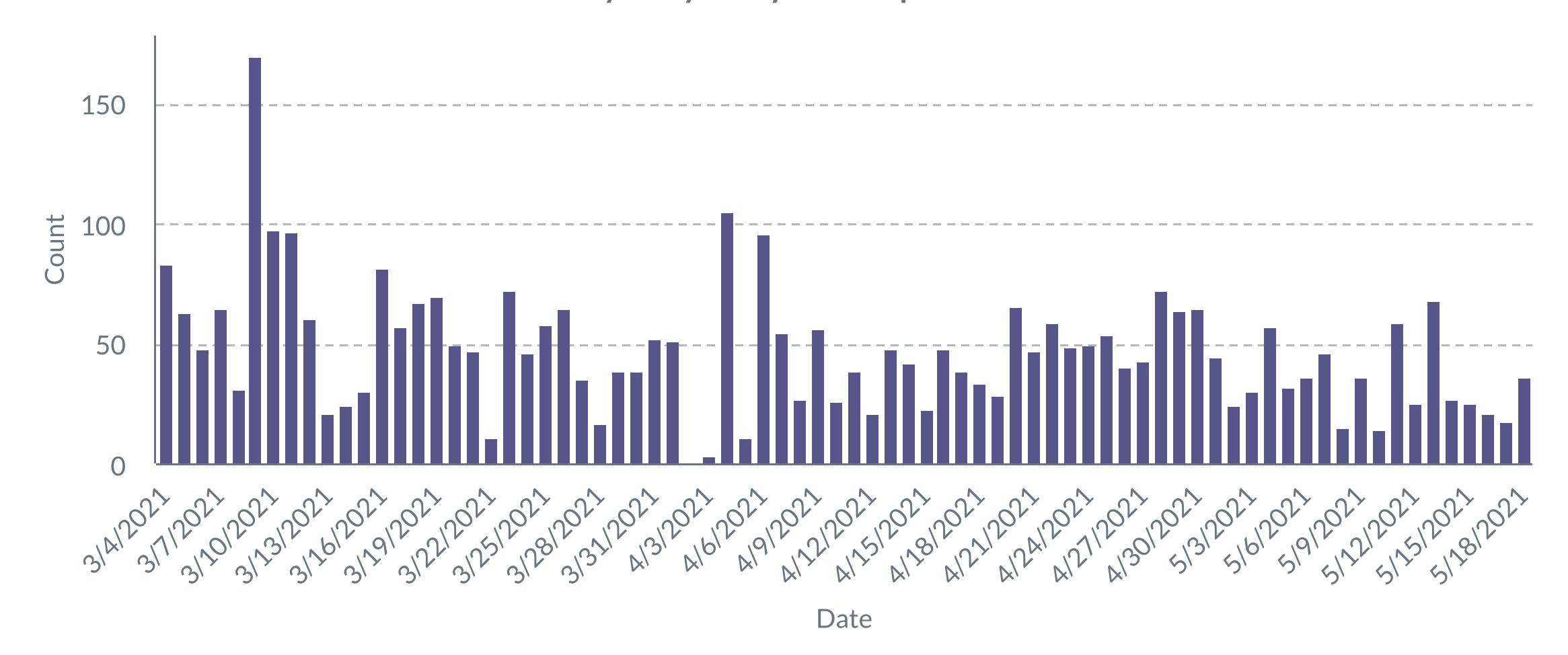
The date indicated for the newly confirmed COVID-19 cases is based on the combination of dates based on: 1)date of symptom onset; 2)if the date is invalid or missing, the first positive collection date is used and 3) if both of those dates are invalid or missing, the date the case is reported is used.

^{* 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.

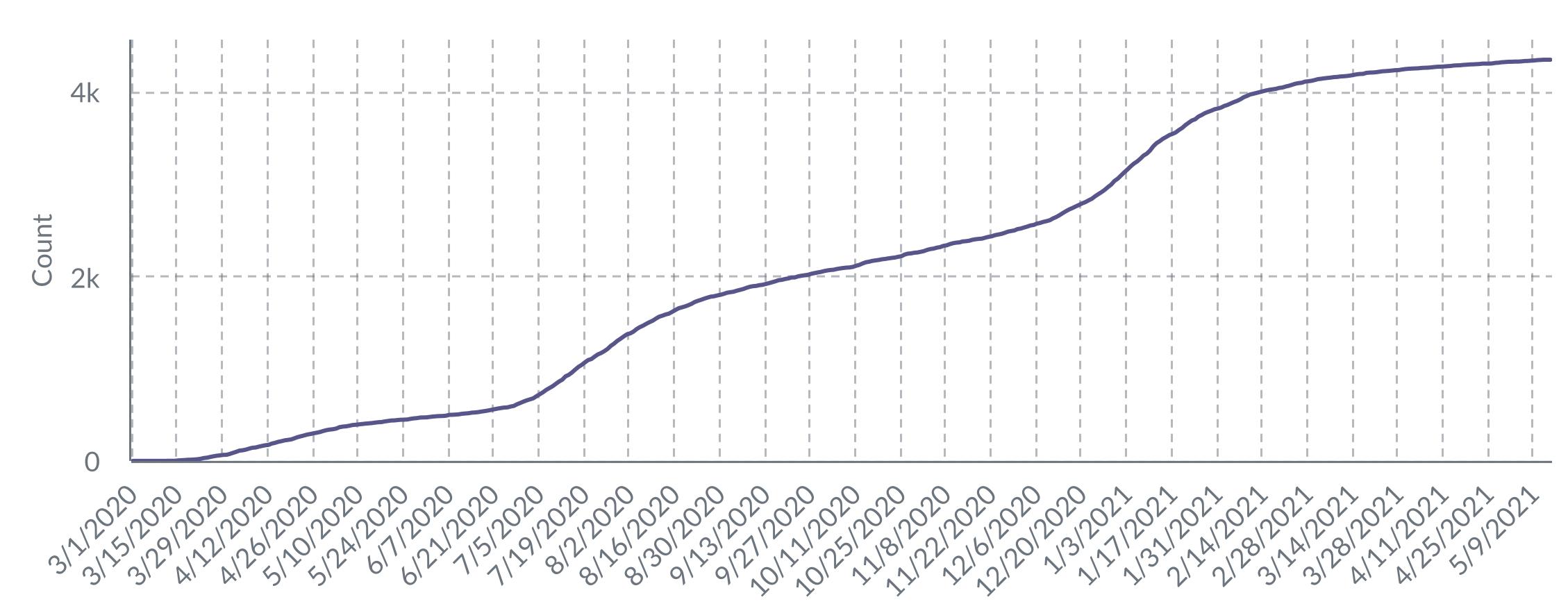
Number of Positive Confirmed and Presumptive COVID-19 Cases By Day of Report to NCHD



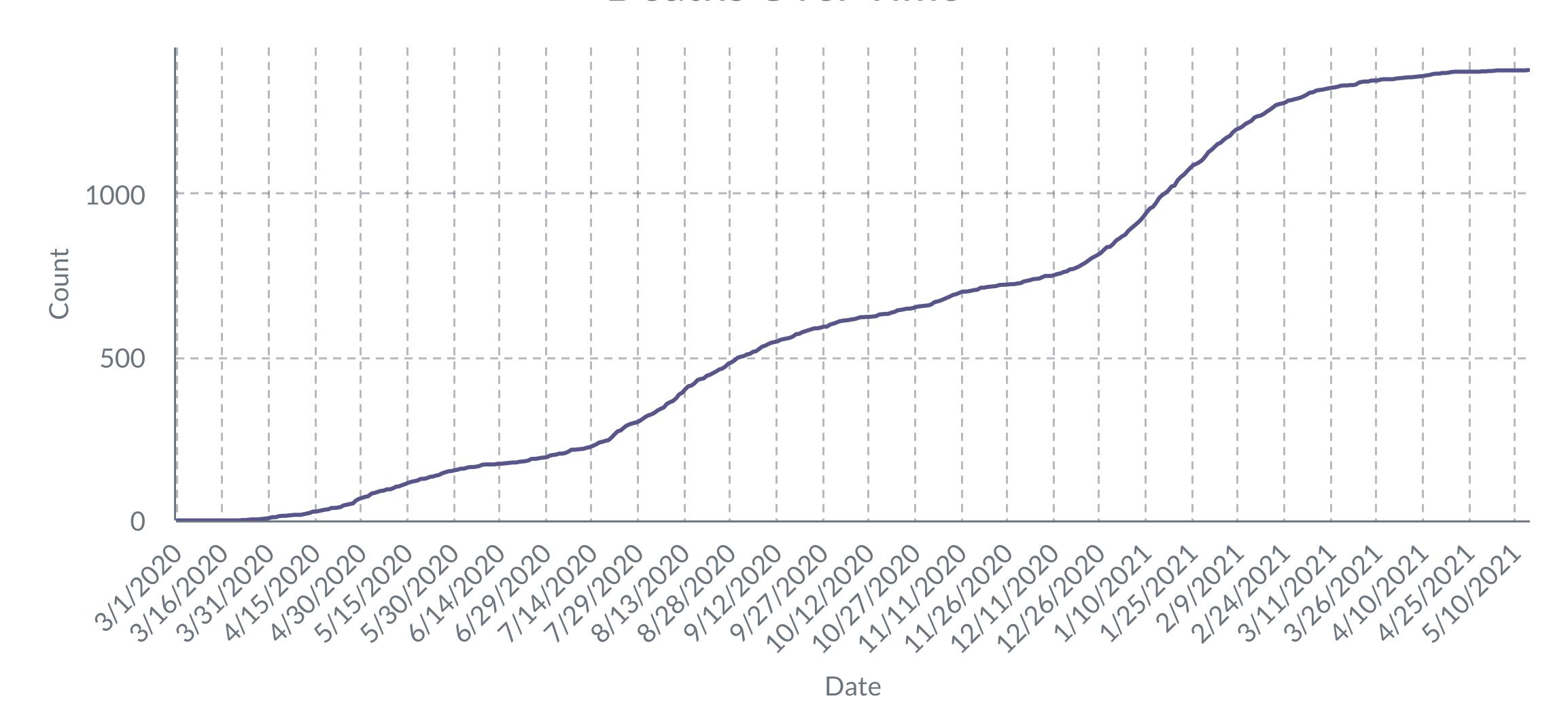
Number of Positive Confirmed and Presumptive COVID-19 Cases for the Last 60 Days By Day of Report to NCHD



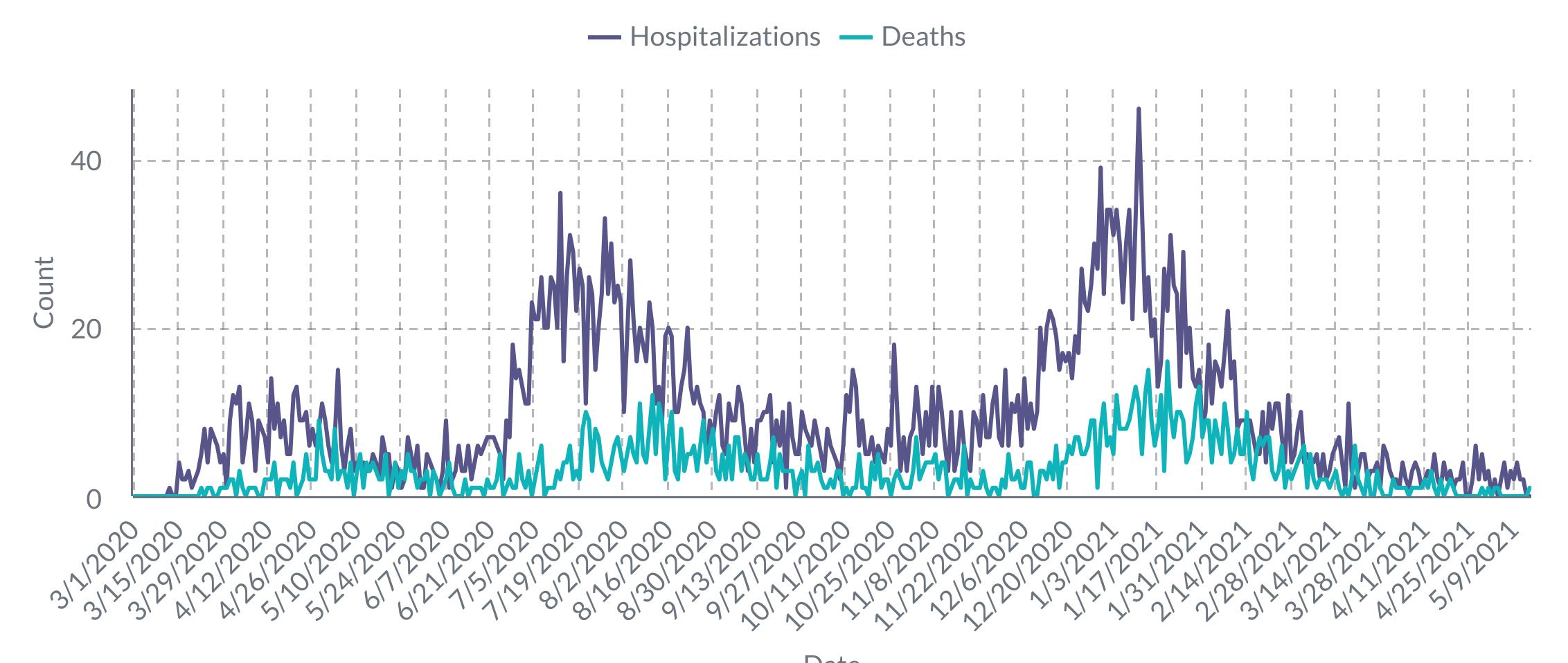
Hospitalizations Over Time



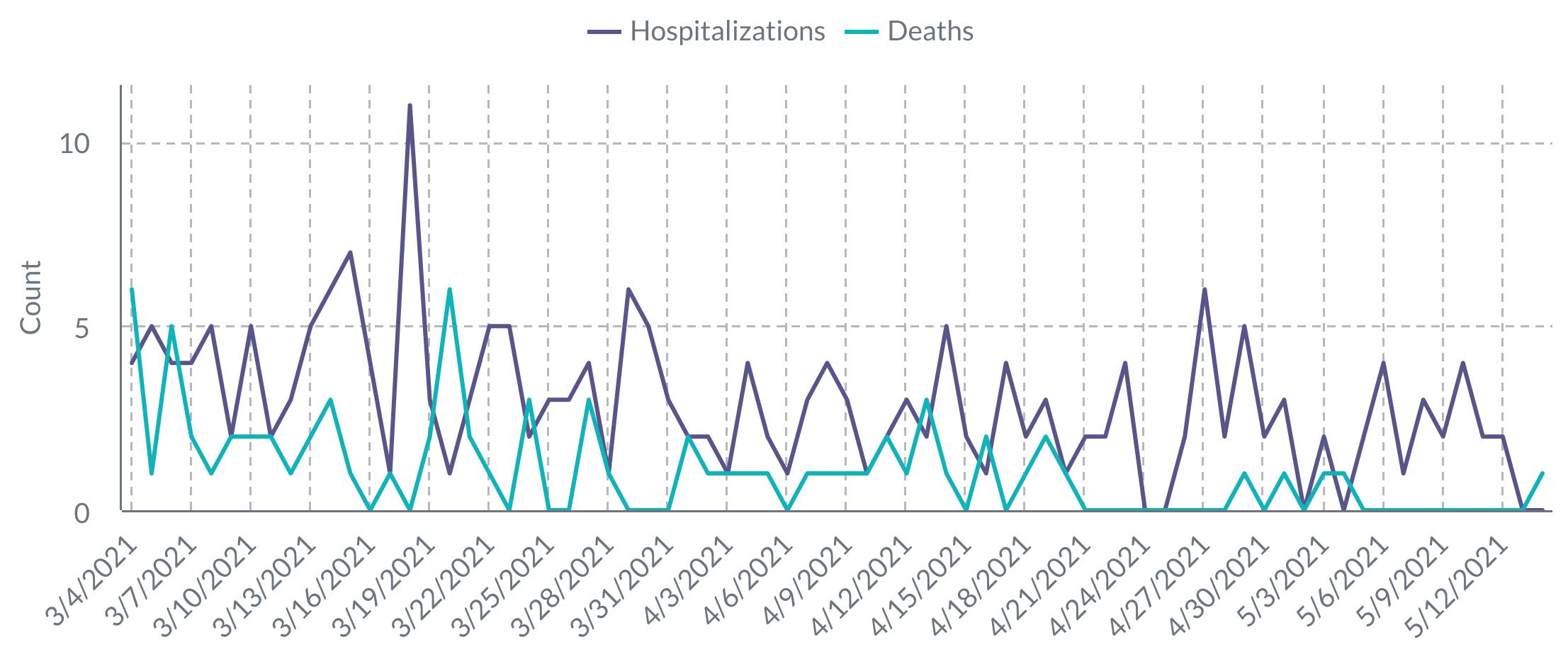
Deaths Over Time



Hospitalizations and Death By Date of Occurrence



Hospitalizations and Death By Date of Occurrence Past 60 Days

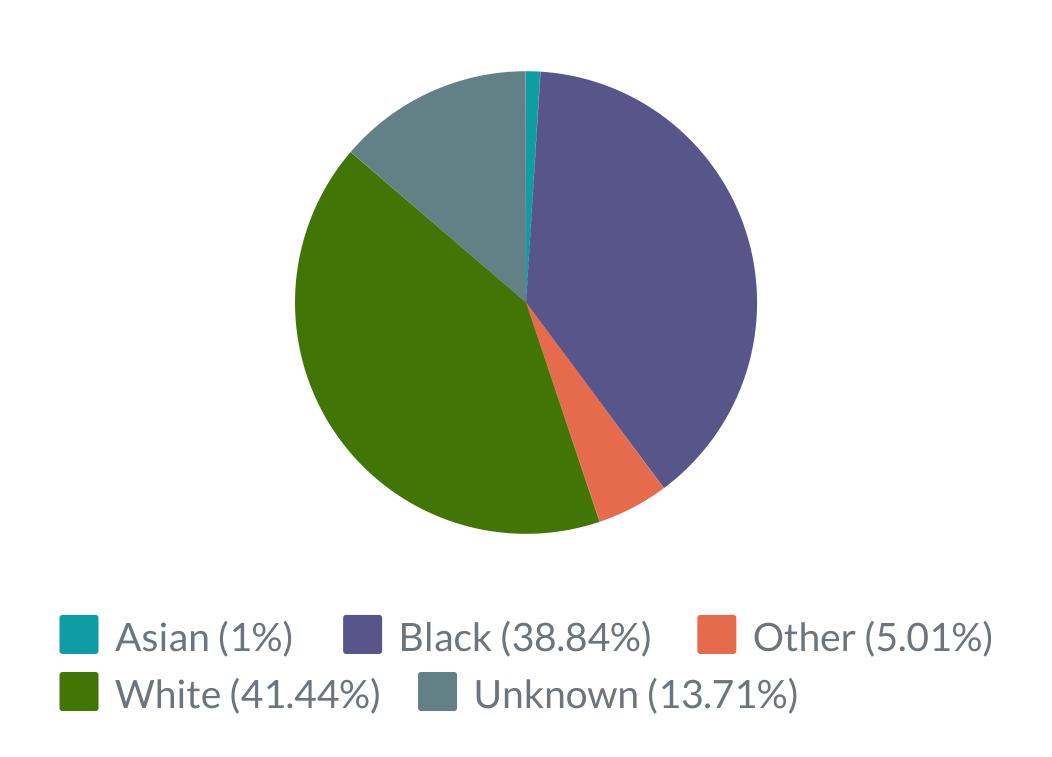


7% of Cases have been identified as Healthcare Workers.

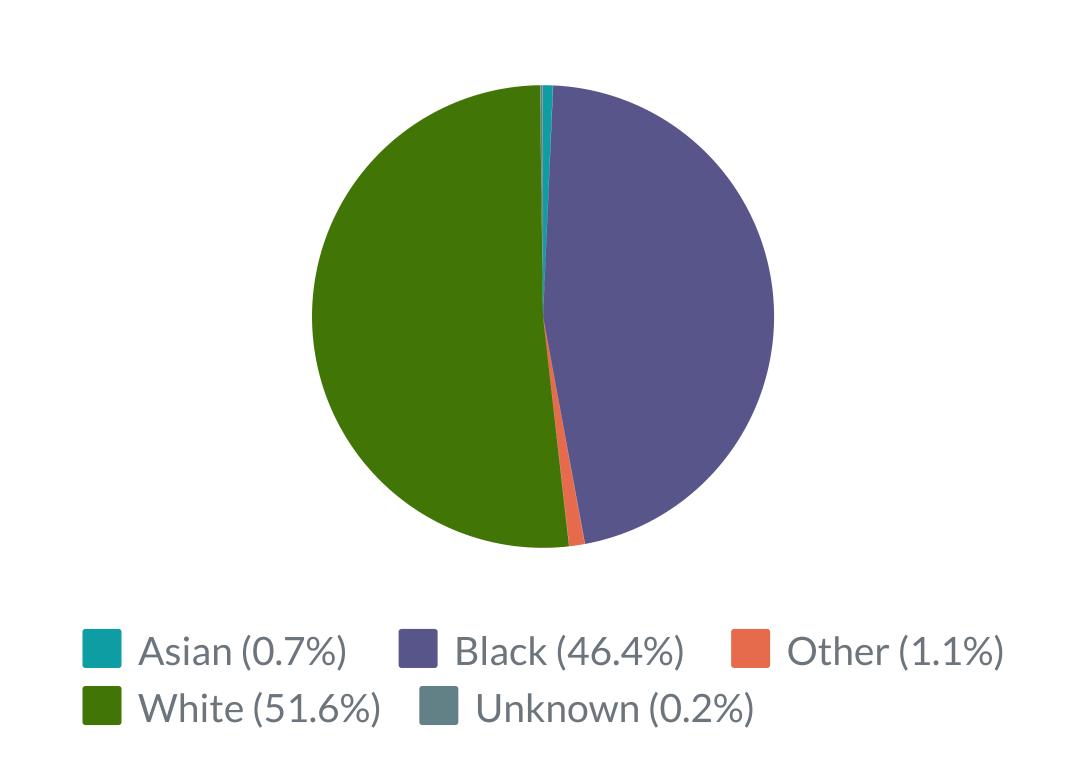
33% of Deaths are associated with a congregate setting outbreak.

7% of Cases are associated with a congregate setting outbreak.

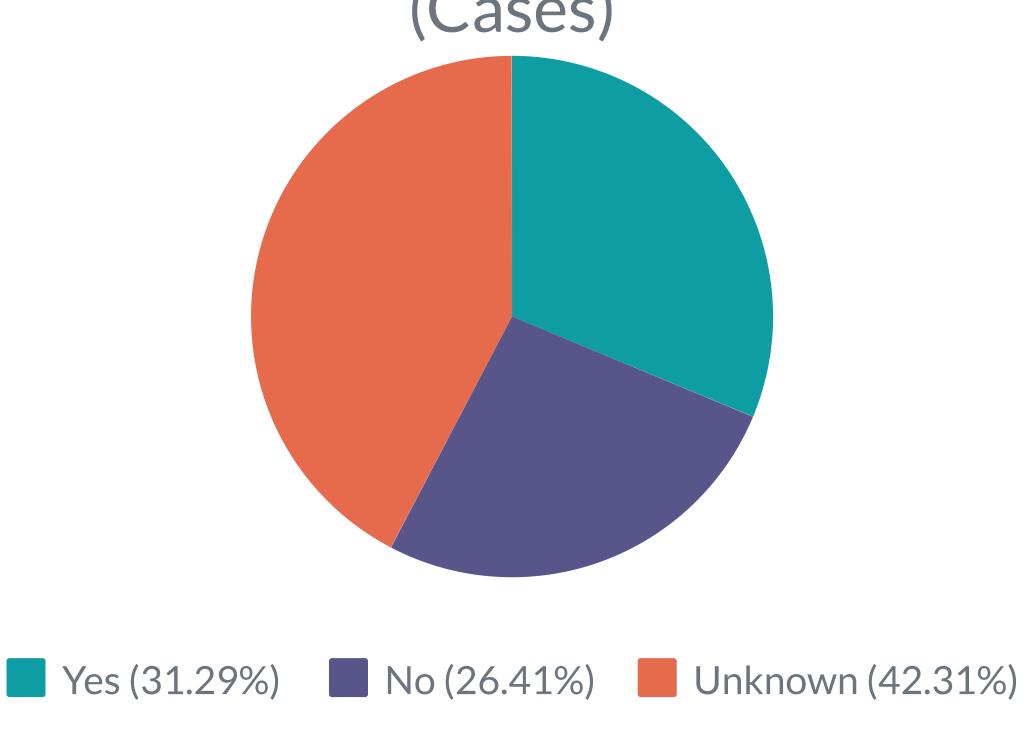
Race Distribution of Cases



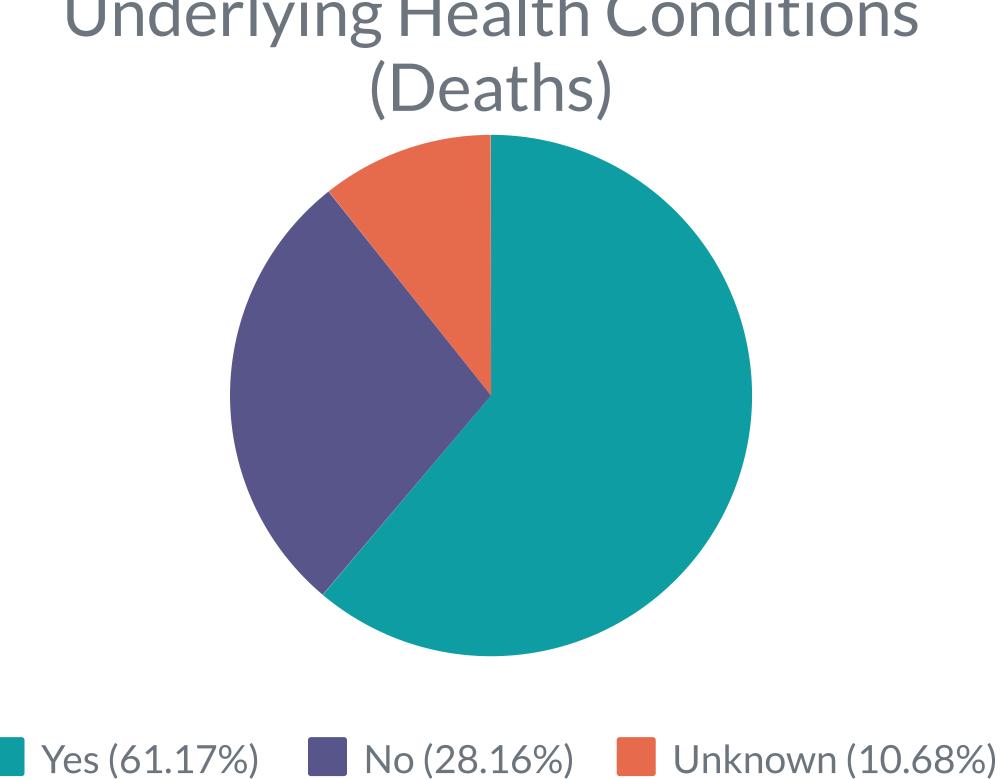
Race Distribution of Deaths



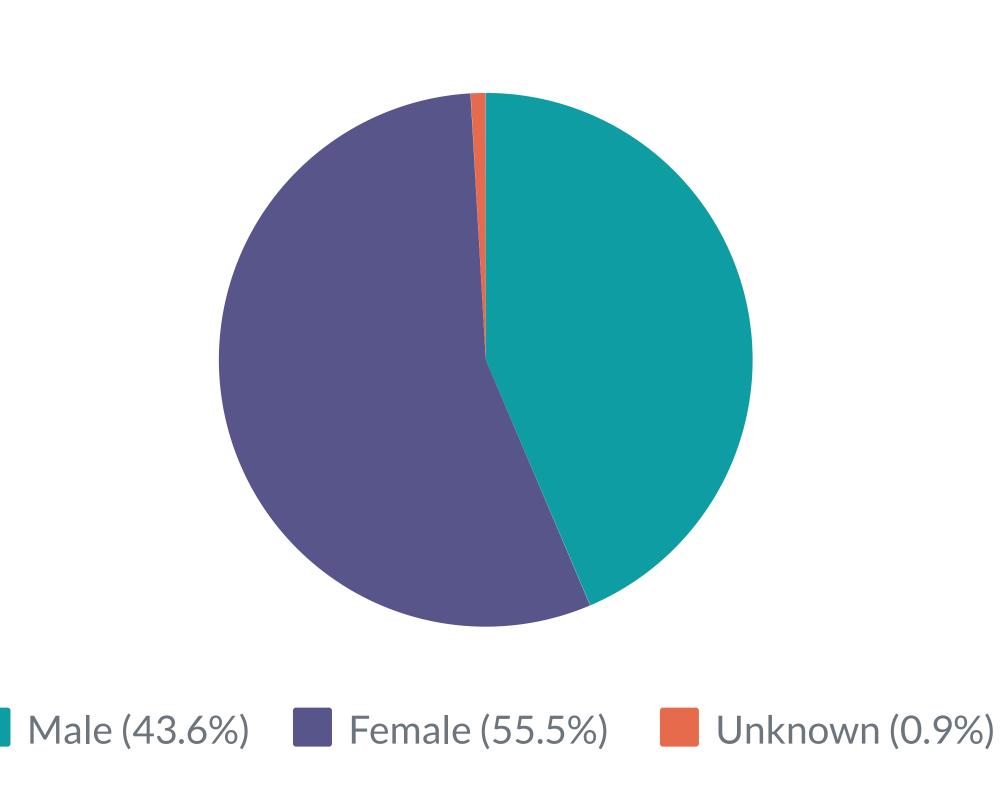
Underlying Health Conditions (Cases)



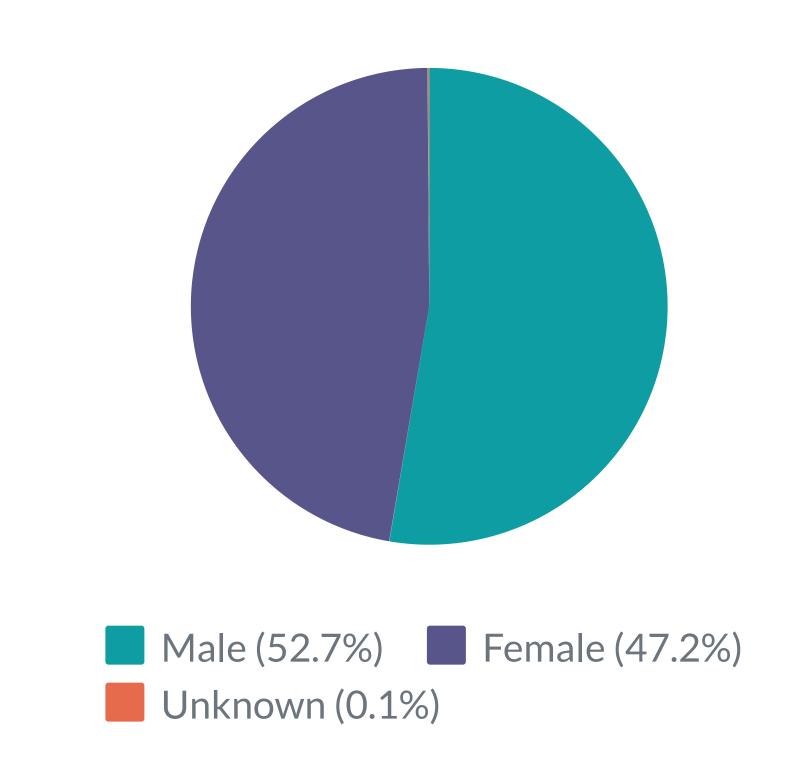
Underlying Health Conditions



Gender Distribution of Cases



Gender Distribution of Deaths



Baldwin County - Minimal Spread

Since 5/1/2021, 1% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 3.5% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

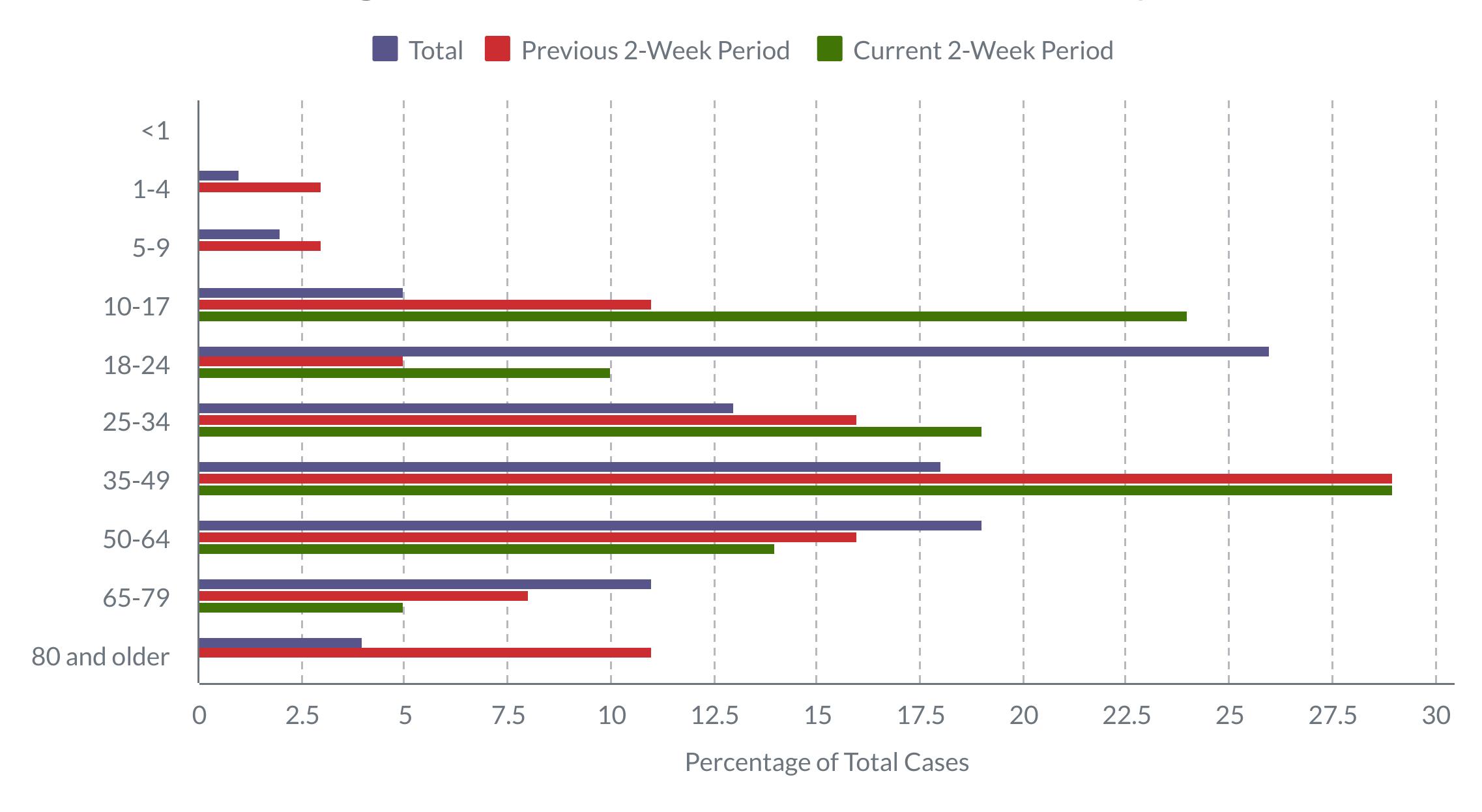


The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 47 per 100,000 population (n=21; population=44,823)**. The previous 2-week Incidence Rate was 85 (n=38) per 100,000 population.



45% decrease in newly Confirmed COVID-19 Cases amongst Baldwin County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Baldwin County



5%
Current 2-week
Period Outbreak
Related Cases

The cases reported in Baldwin County for the Current 2-week period associated with an outbreak account for 5% (n=1) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. The other 95% of cases reported during that timeframe in Baldwin County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 13% (n=598) of cases reported in Baldwin County have been linked to an outbreak.

Bibb County - Moderate Spread

AREA OF CONCERN: Since 5/1/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 2.9% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Bibb County residents. The increase in cases cannot be attributed solely to congregate setting outbreaks. Due to this we are watching the situation closely and working with our partners to ensure that precautions amongst residents are encouraged.

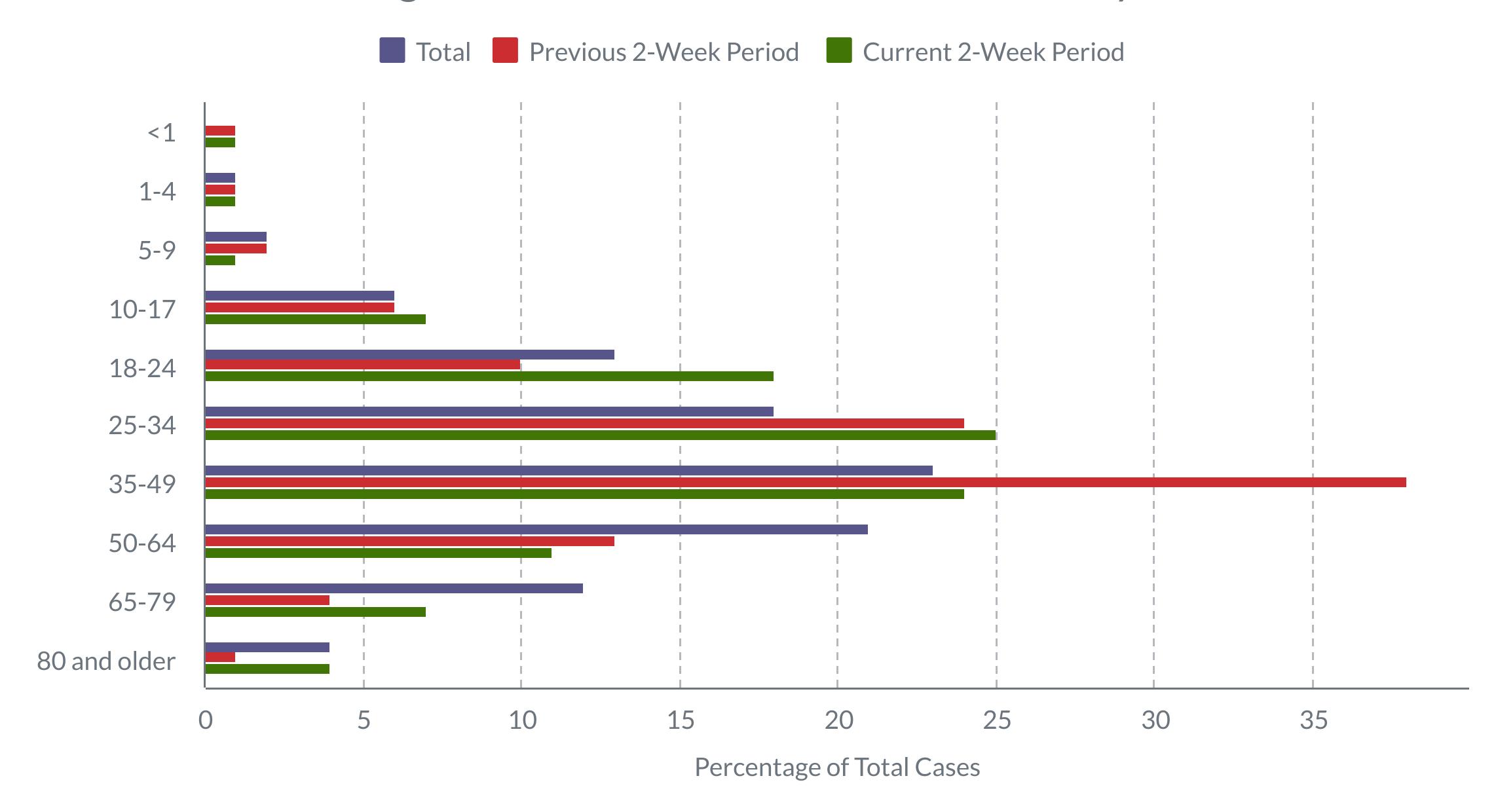


The incidence rate of COVID-19 for Bibb County residents from **the Current 2-Week Period was 54 per 100,000 population (n=83; population=153,095)**. The previous 2-week Incidence Rate was 91 (n=140) per 100,000 population.



41% decrease in newly Confirmed COVID-19 Cases amongst Bibb County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Bibb County



Current 2-week Period Outbreak Related Cases The cases reported in Bibb County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Bibb County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=913) of cases reported in Bibb County have been linked to an outbreak.

Crawford County - Minimal Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 1.3% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

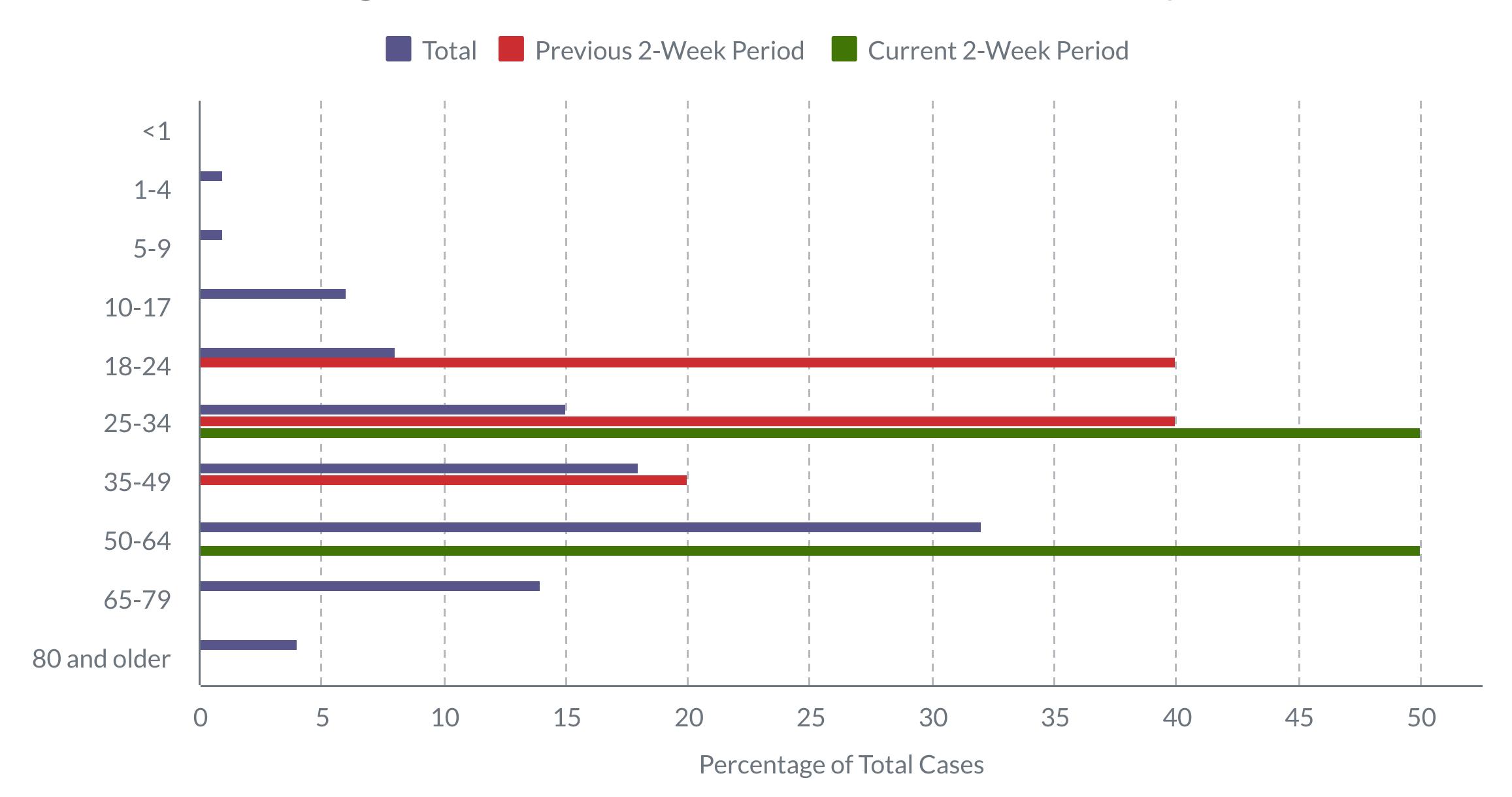


The incidence rate of COVID-19 for Crawford County residents from **the Current 2-week period was 16 per 100,000 population (n=2; population=12,318)**. The previous 2-week Incidence Rate was 40 (n=5) per 100,000 population.



60% decrease in newly Confirmed COVID-19 Cases amongst Crawford County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Crawford County



0%

Current 2-week Period Outbreak Related Cases The cases reported in Crawford County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Crawford County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 10% (n=69) of cases reported in Crawford County have been linked to an outbreak.

Hancock County - Minimal Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 6.3% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

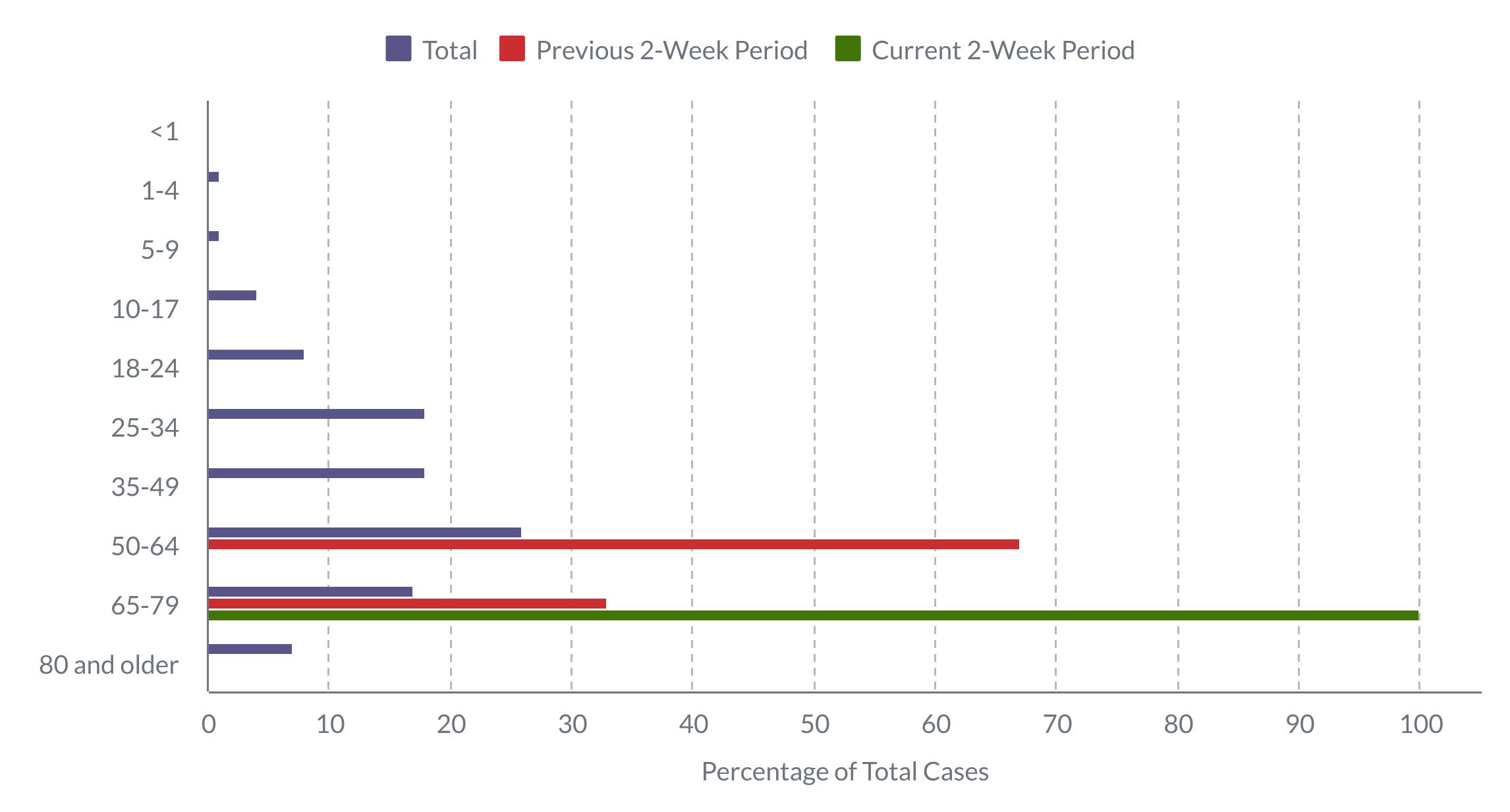
12 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Hancock County residents from **the Current 2-week period was 12 per 100,000 population (n=1; population=8,348)**. The previous 2-week Incidence Rate was 35 (n=3) per 100,000 population.



67% decrease in newly Confirmed COVID-19 Cases amongst Hancock County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Hancock County



Current 2-week Period Outbreak Related Cases The cases reported in Hancock County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Hancock County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 34% (n=305) of cases reported in Hancock County have been linked to an outbreak.

Houston County - Substantial Spread

Since 5/1/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 4.7% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

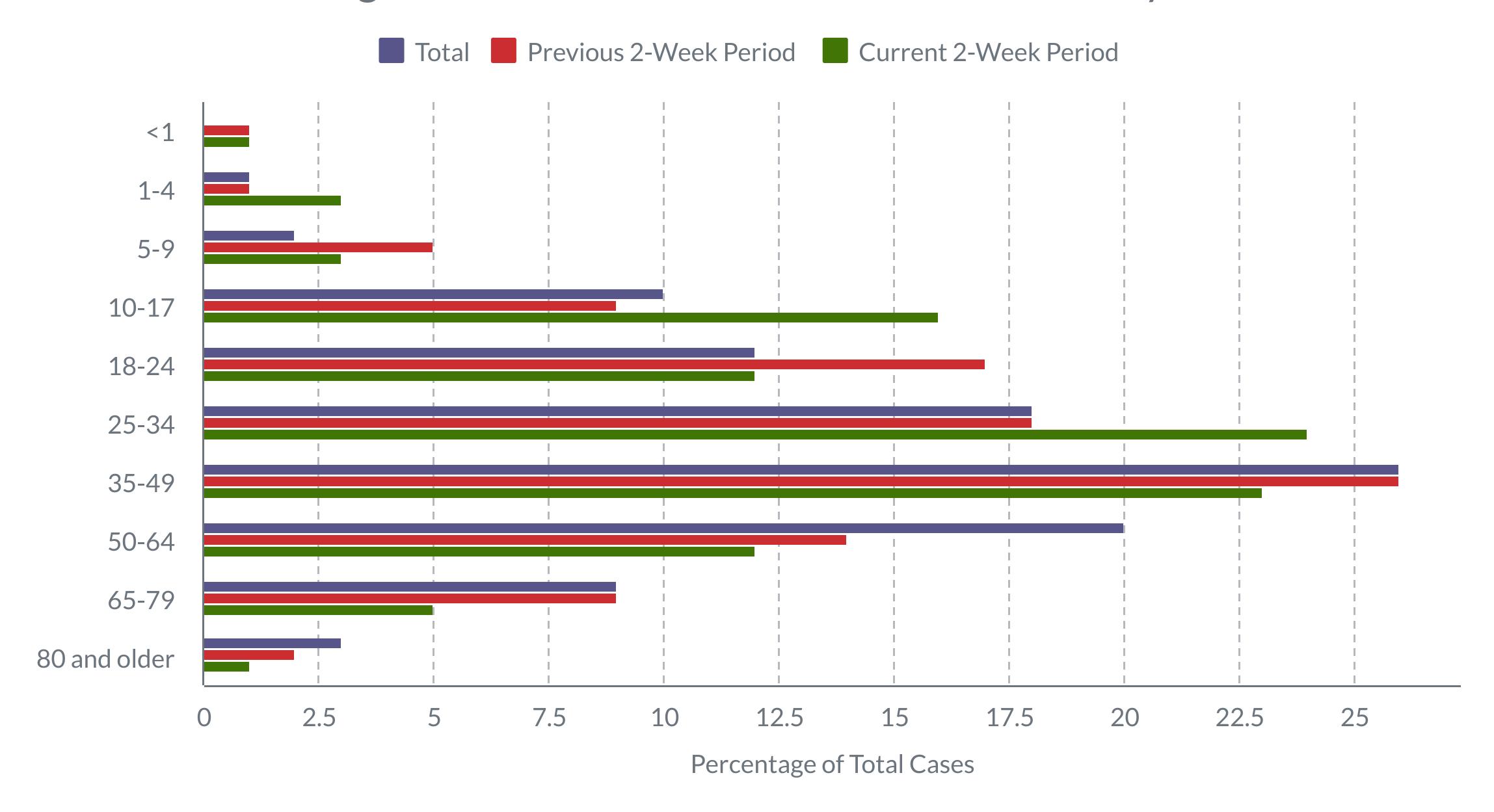


The incidence rate of COVID-19 for Houston County residents from the **Current 2-Week Period was 117 per 100,000 population (n=185; population=155,469)**. The previous 2-week Incidence Rate was 199 (n=101) per 100,000 population.



7% decrease in newly Confirmed COVID-19 Cases amongst Houston County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Houston County



Current 2-week Period Outbreak Related Cases The cases reported in Houston County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. The other 99% of cases reported during that timeframe in Houston County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 4% (n=557) of cases reported in Houston County have been linked to an outbreak.

Jasper County - Moderate Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 2.8% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

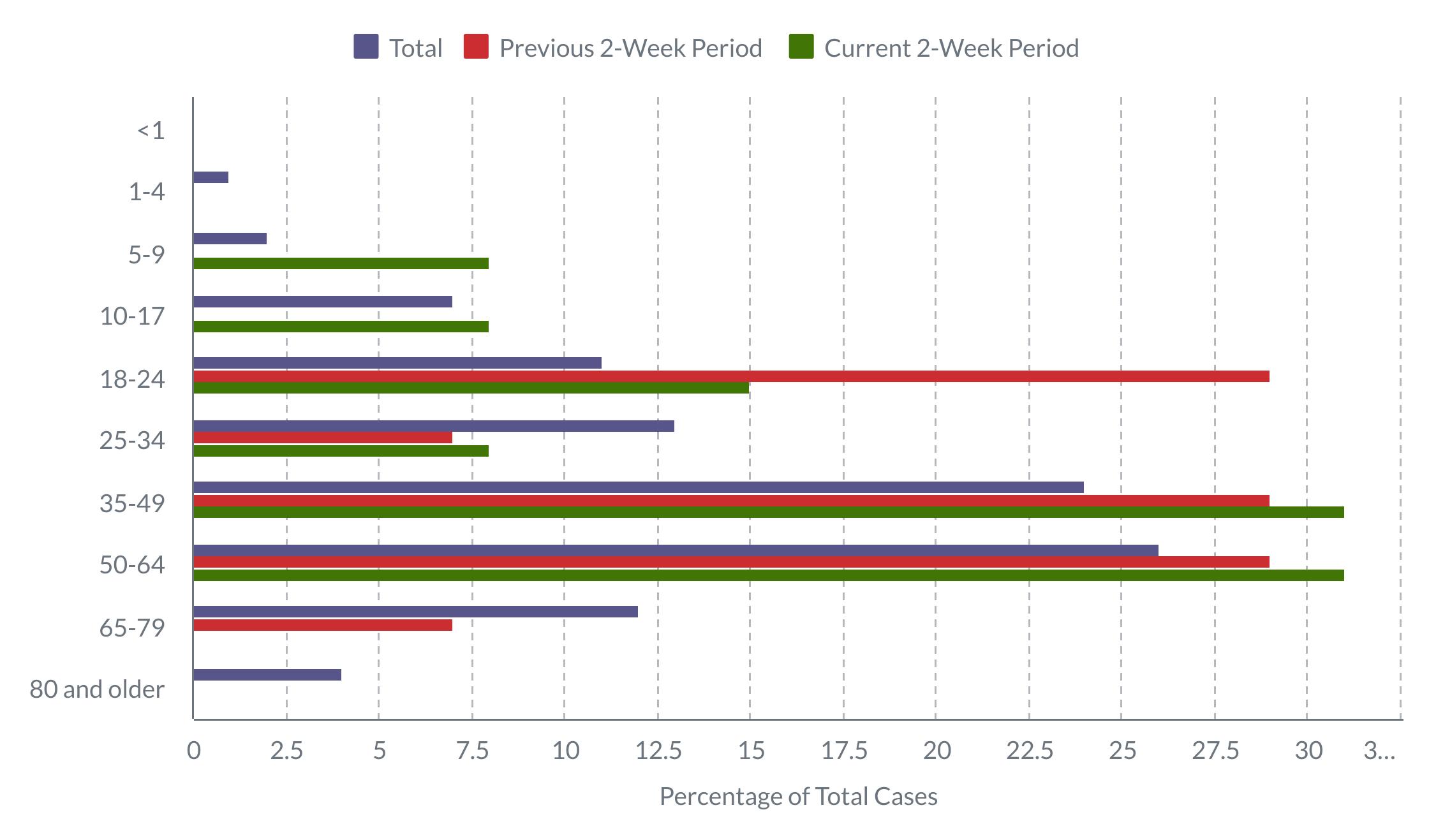
91
Current 14-Day
Incidence Rate

The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 91 per 100,000 population (n=13; population=14,040)**. The previous 2-week Incidence Rate was 98 (n=14) per 100,000 population.



7% decrease in newly Confirmed COVID-19 Cases amongst Jasper County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Jasper County



Current 2-week Period Outbreak Related Cases The cases reported in Jasper County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Jasper County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 7% (n=99) of cases reported in Jasper County have been linked to an outbreak.

Jones County - Moderate Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 5.1% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

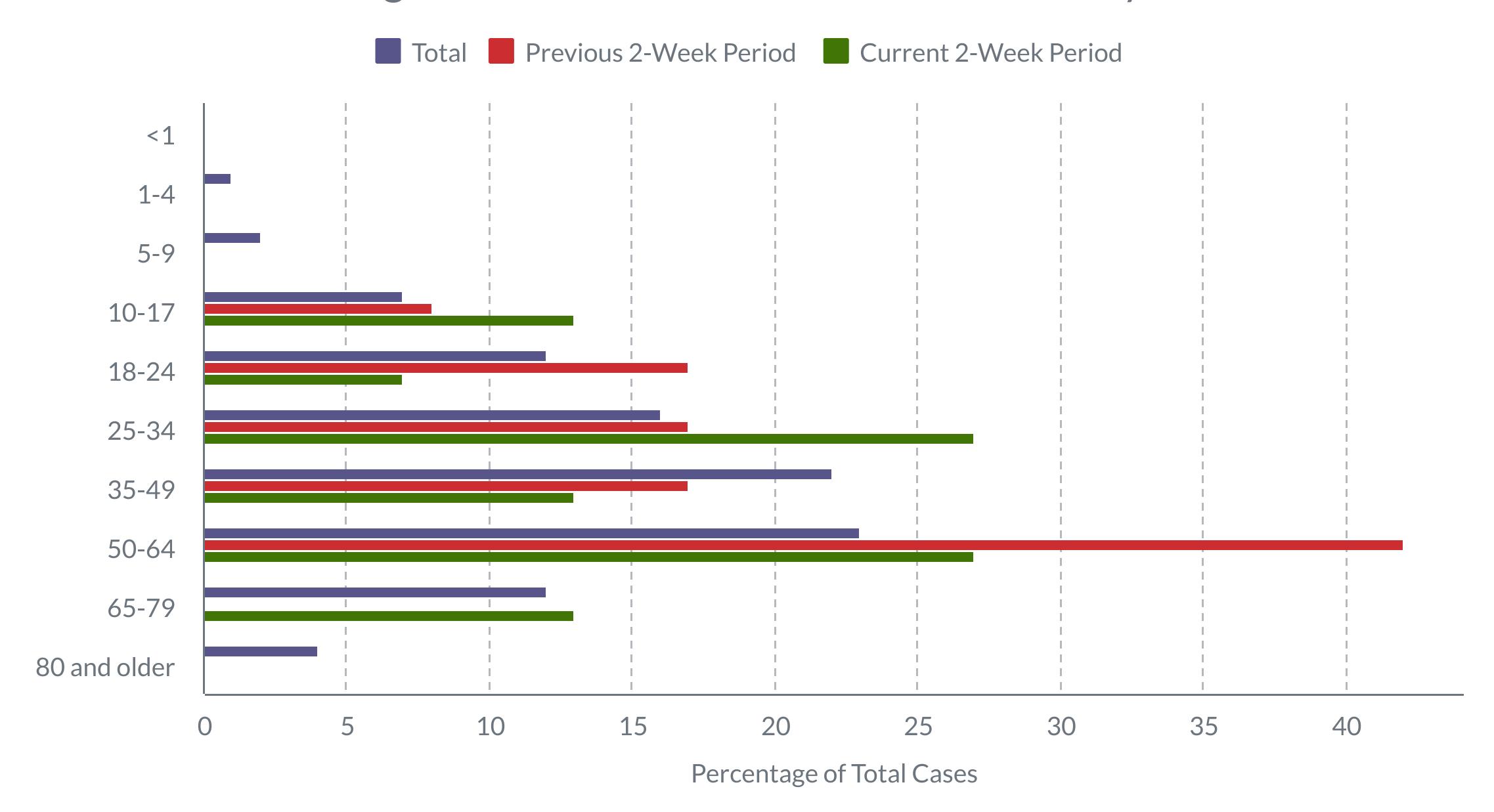


The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 52 per 100,000 (n=15; population=28,616)**. The previous 2-week Incidence Rate was 42 (n=12) per 100,000 population.

25%

25% increase in newly Confirmed COVID-19 Cases amongst Jones County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Jones County



0%

Current 2-week Period Outbreak Related Cases The cases reported in Jones County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Jones County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=122) of cases reported in Jones County have been linked to an outbreak.

Monroe County - Moderate Spread

Since 5/1/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 5.8% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

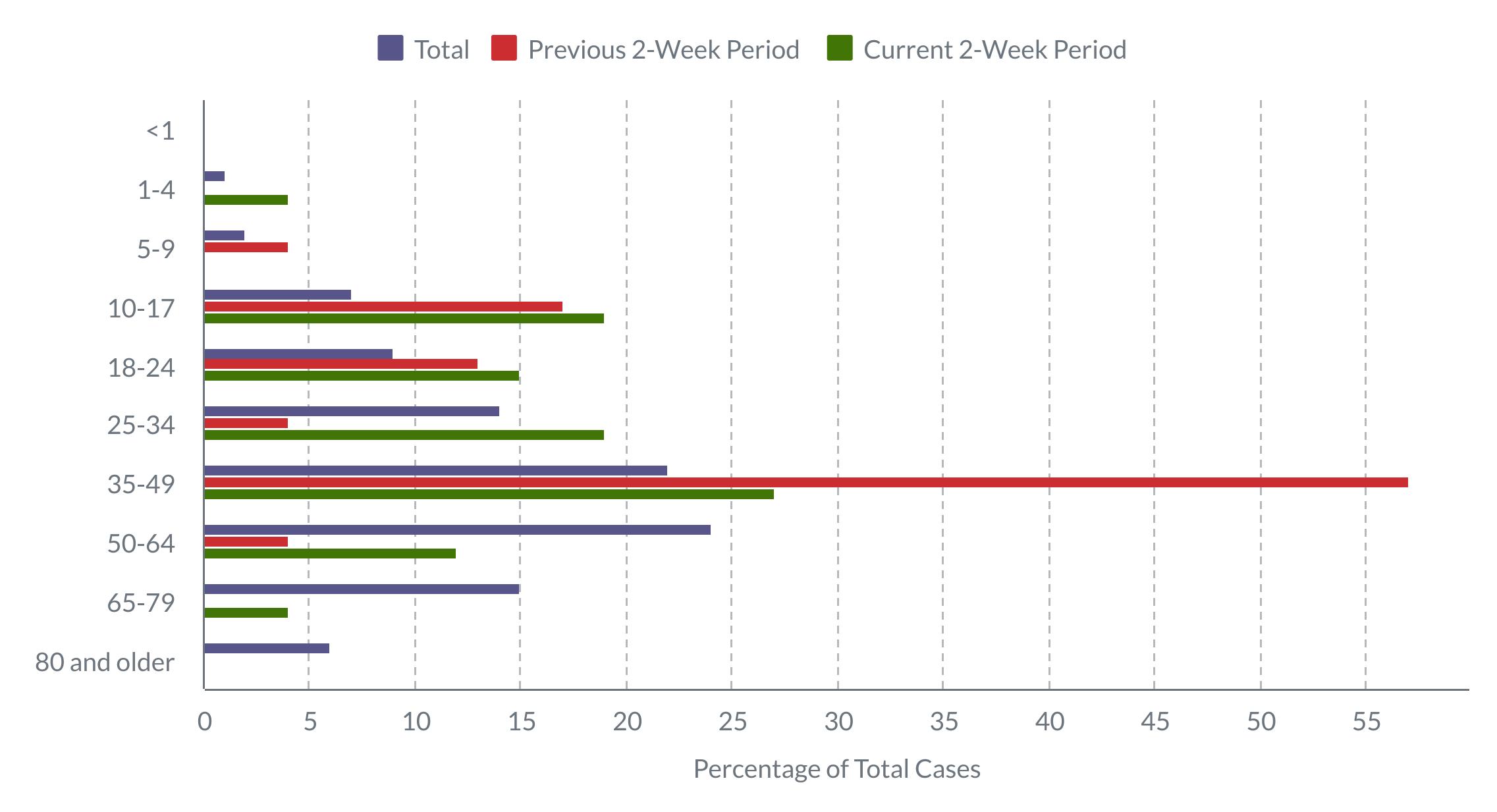
94 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Monroe County residents from the **Current 2-Week Period was 94 per 100,000 population (n=26; population=27,520)**. The previous 2-week Incidence Rate was 83 (n=23) per 100,000 population.



13% increase in newly Confirmed COVID-19 Cases amongst Monroe County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Monroe County



Current 2-week Period Outbreak Related Cases The cases reported in Monroe County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Monroe County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 10% (n=274) of cases reported in Monroe County have been linked to an outbreak.

Peach County - Moderate Spread

Since 5/1/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 6.5% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

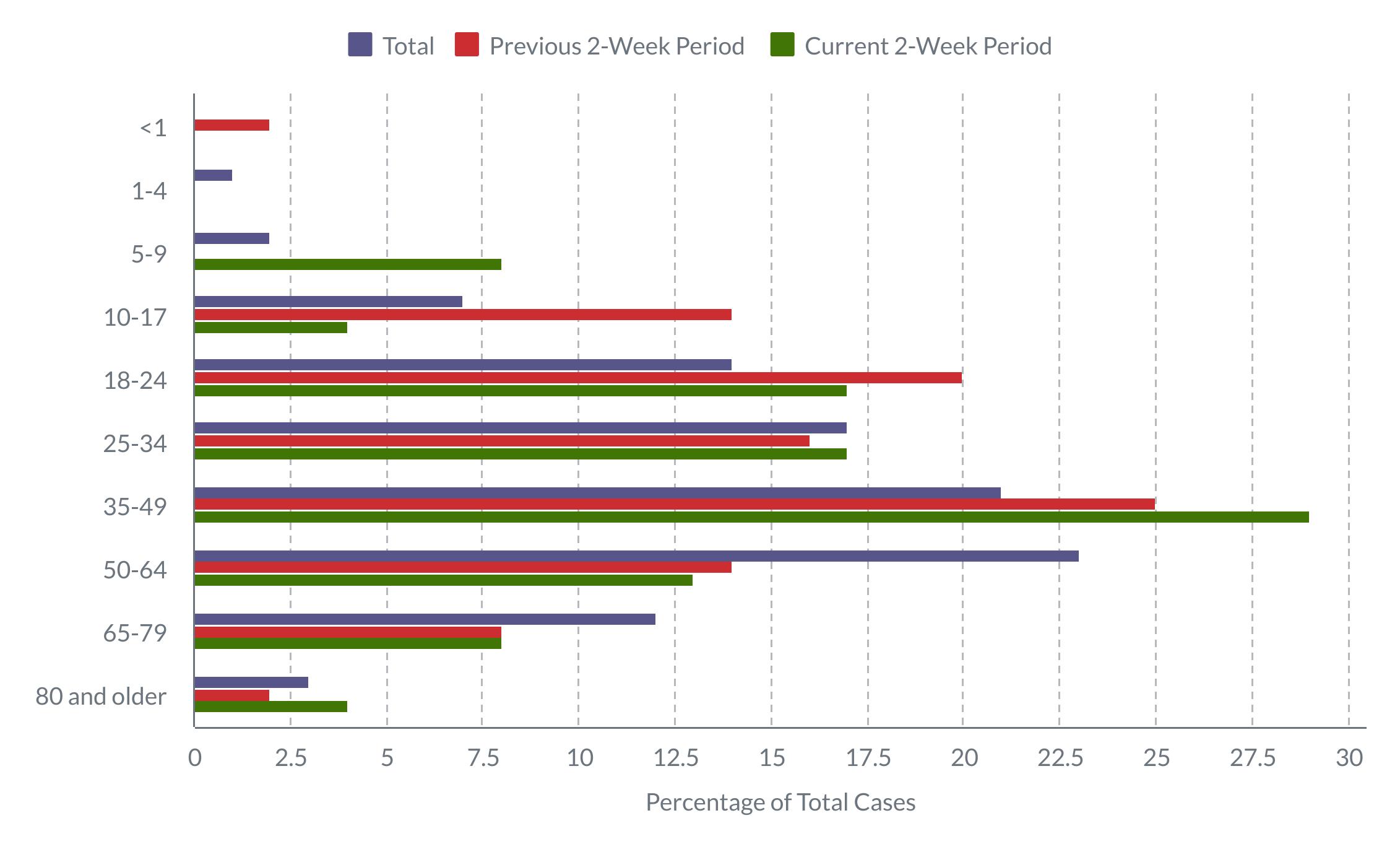
87 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Peach County residents from the **Current 2-Week Period was 87 per 100,000 population (n=24; population=27,297)**. The previous 2-week Incidence Rate was 185 (n=51) per 100,000 population.



53% decrease in newly Confirmed COVID-19 Cases amongst Peach County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Peach County



Current 2-week Period Outbreak Related Cases The cases reported in Peach County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Peach County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 4% (n=110) of cases reported in Peach County have been linked to an outbreak.

Putnam County - Moderate Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 2.1% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

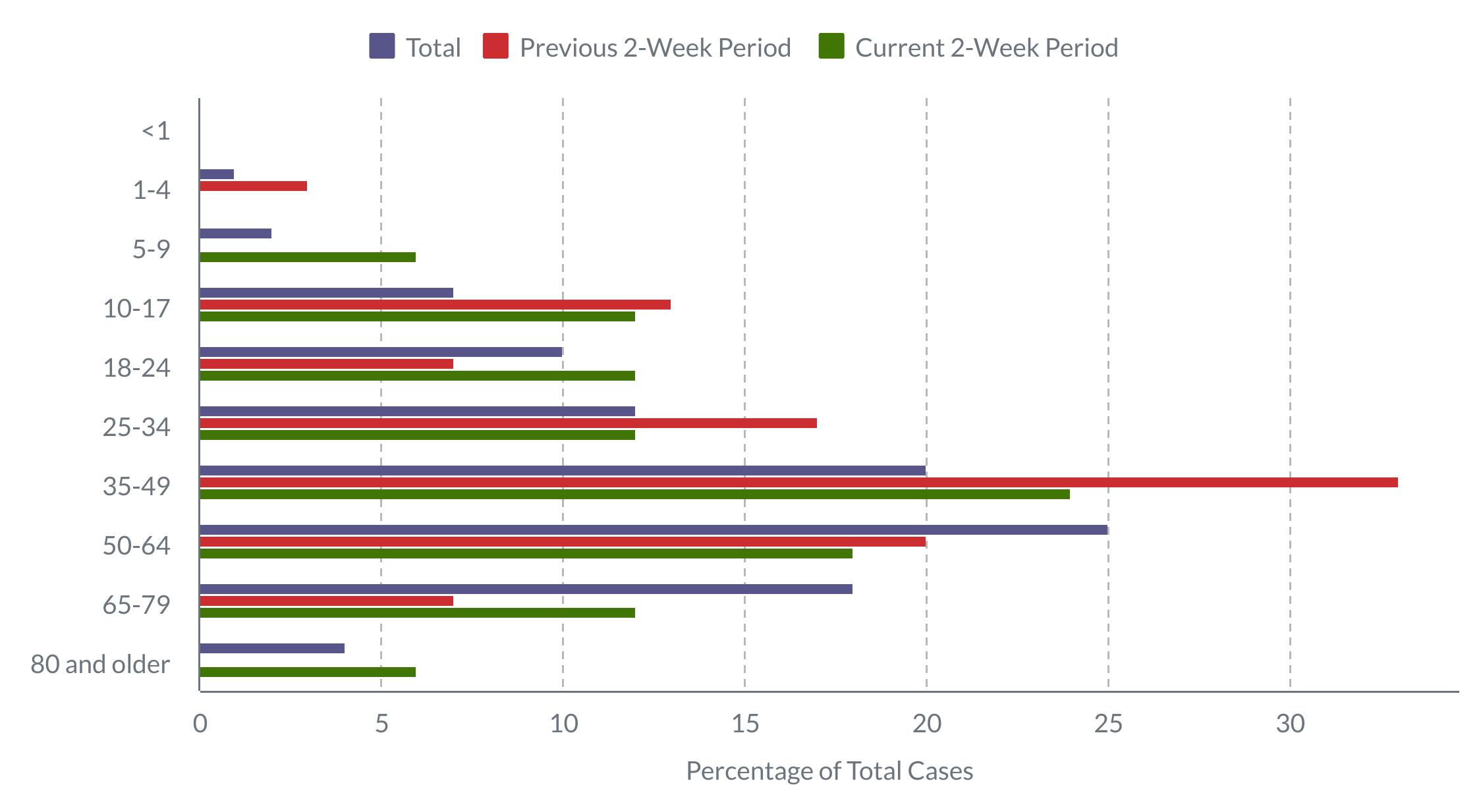


The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 77 per 100,000 population (n=17; population=21,809)**. The previous 2-week Incidence Rate was 136 (n=30) per 100,000 population.



43% decrease in newly Confirmed COVID-19 Cases amongst Putnam County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Putnam County



Current 2-week Period Outbreak Related Cases The cases reported in Putnam County from the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. 100% of cases reported during that timeframe in Putnam County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 6% (n=124) of cases reported in Putnam County have been linked to an outbreak.

Twiggs County - Substantial Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 4.4% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

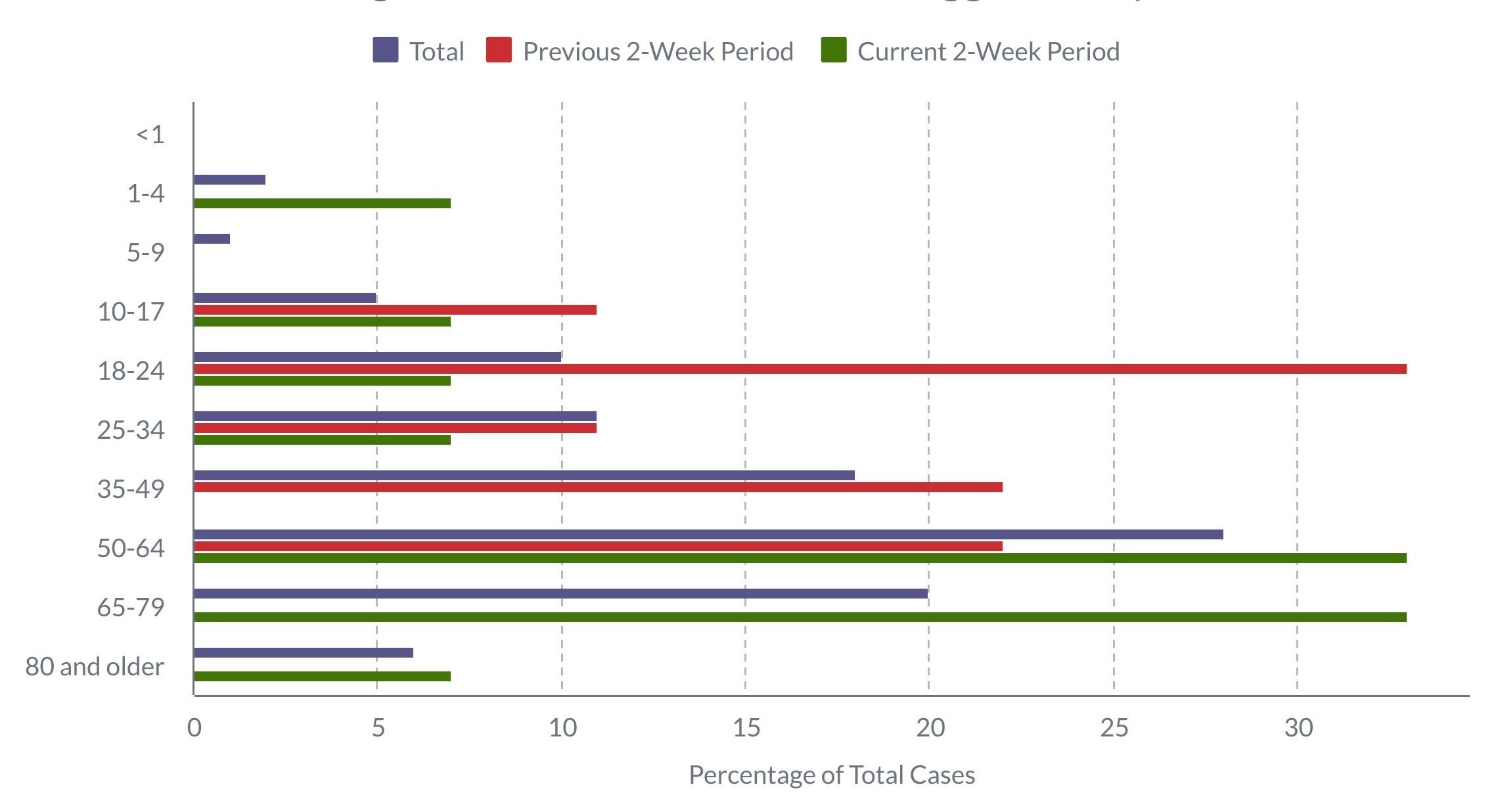
185 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Twiggs County residents from the **Current 2-Week Period was 185 per 100,000 population (n=15; population=8,188)**. The previous 2-week period Incidence Rate was 111 (n=9) per 100,000 population.



67% increase in newly Confirmed COVID-19 Cases amongst Twiggs County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Twiggs County



53%

Current 2-week Period Outbreak Related Cases The cases reported in Twiggs County from the Current 2-Week Period associated with an outbreak account for 53% (n=8) of the total cases reported during that time county-wide. During this time period, 100% (n=8) of the outbreak-related cases are associated with a congregate care setting. The other 46% of cases reported during that timeframe in Twiggs County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 17% (n=120) of cases reported in Twiggs County have been linked to an outbreak.

Washington County - Substantial Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 8.2% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).

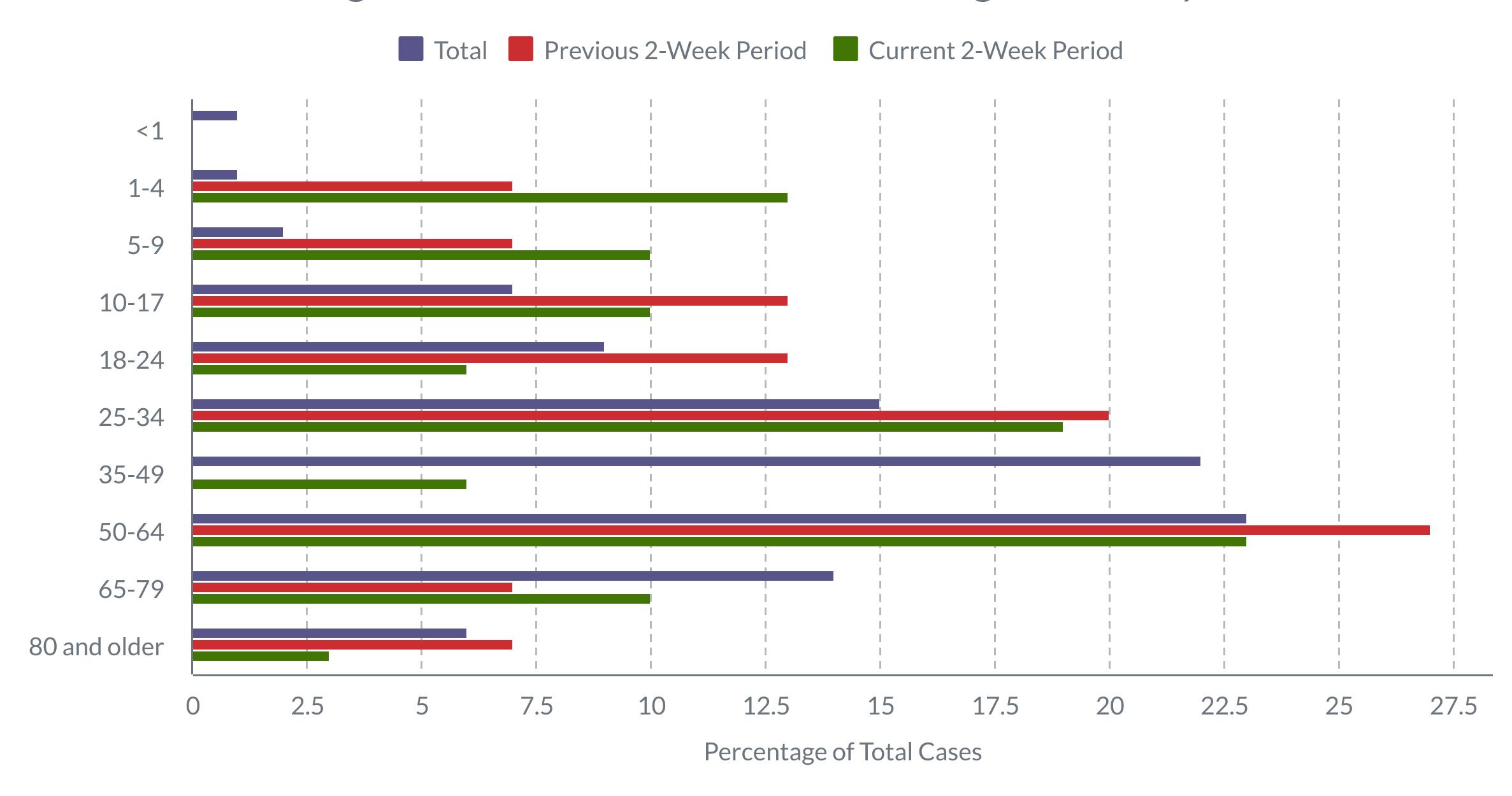
152 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for Washington County residents from the **Current 2-week Period was 152 per 100,000 population (n=31; population=20,386)**. The previous 2-week Incidence Rate was 74 (n=15) per 100,000 population.

A 107%

107% increase in newly Confirmed COVID-19 Cases amongst Washington County residents between the **Current and Previous 2-week periods.**

Age Distribution of Cases in Washington County



6%

Current 2-week Period Outbreak Related Cases The cases reported in Washington County for the Current 2-week Period associated with an outbreak account for 6% (n=2) of the total cases reported during that time county-wide. During this time period, 100% (n=2) of the outbreak-related cases are associated with a congregate care setting. The other 94% of cases reported during that timeframe in Washington County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 14% (n=287) of cases reported in Washington County have been linked to an outbreak.

Wilkinson County - Moderate Spread

Since 5/1/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 6% of COVID-19 PCR tests were positive during the 14-day period (5/1 - 5/14/2021).



The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period was less than 56 per 100,000 population (n=5; population=9,036). The previous 2-week Incidence Rate was 67 (n=6) per 100,000 population.



17% decrease in newly Confirmed COVID-19 Cases amongst Wilkinson County residents between the **Current and Previous 2-week periods**.

Age Distribution of Cases in Wilkinson County



Current 2-week Period Outbreak Related Cases The cases reported in Wilkinson County for the Current 2-Week Period associated with an outbreak account for 0% (n=0) of the total cases reported during that time county-wide. During this time period, 0% (n=0) of the outbreak-related cases are associated with a congregate care setting. The other 100% of cases reported during that timeframe in Wilkinson County have not been attributed to a single area of concern and represent community level spread within the county. Since March 2020, 7% (n=68) of cases reported in Wilkinson County have been linked to an outbreak.



North Central Health District COVID-19 Operational Summary



May 24, 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.

Note: Pfizer is the only COVID vaccine currently approved for children aged 12 and older. Our locations do not offer the Pfizer vaccine. Our sites use Moderna or Johnson & Johnson, and can only vaccinate age 18 and older.

The data shown on this page only reflects vaccination activities of the 13 NCHD sites, not all providers within our 13-county area. The information in this portion of the report is accurate as of 5/23/2021 at 4 PM.

98000	MODERNA VACCINE DOSES RECEIVED
84692	MODERNA VACCINE DOSES ADMINISTERED
40458	MODERNA SECOND DOSES ADMINISTERED
7435	J&J VACCINE DOSES RECEIVED
3840	J&J VACCINE DOSES ADMINISTERED

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)

On March 18, 2020, NCHD stood up our first SPOC in Houston County, and eventually testing was offered at all 13 locations. With the decline in demand for testing, and the widespread availability of testing, NCHD testing operations were scaled down on March 29, 2021 to 3 health departments: Baldwin, Hancock and Houston. *Note: Houston County SPOC is 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.*

The data shown on this page only reflects specimens collected from NCHD public health points of collection and not representative of all specimens collected within our 13-county area. The information in this portion of the report is accurate as of 5/23/2021 at 3 PM.

35 Specimens Collected Between 5/16/2021-5/23/2021

44/0 21-Day Positivity Rate for NCHD COVID-19 Testing 42,905

Total Specimens Collected

10%
Total Positivity
Rate for
NCHD
COVID-19
Testing

COVID-19 Case Data Resources

The following links provide a variety of regularly updated state- and county-level details regarding COVID-19 cases including demographic data (age, race, gender, etc.), deaths, hospitalizations and more:

- Georgia DPH COVID-19 Daily Status Report
- Georgia Geospatial Information Office COVID-19 Status Dashboard
- CDC COVID-19 Case Data by State

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
- <u>Insufficient Data</u>: 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:5/3/2021 - 5/16/2021

PREVIOUS 2 WEEK PERIOD:4/19/2021 - 5/2/2021

PREVIOUS 7 DAYS:5/17/2021 - 5/23/2021

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 5/23/2021 at 3 PM.**

MODERATE SPREAD

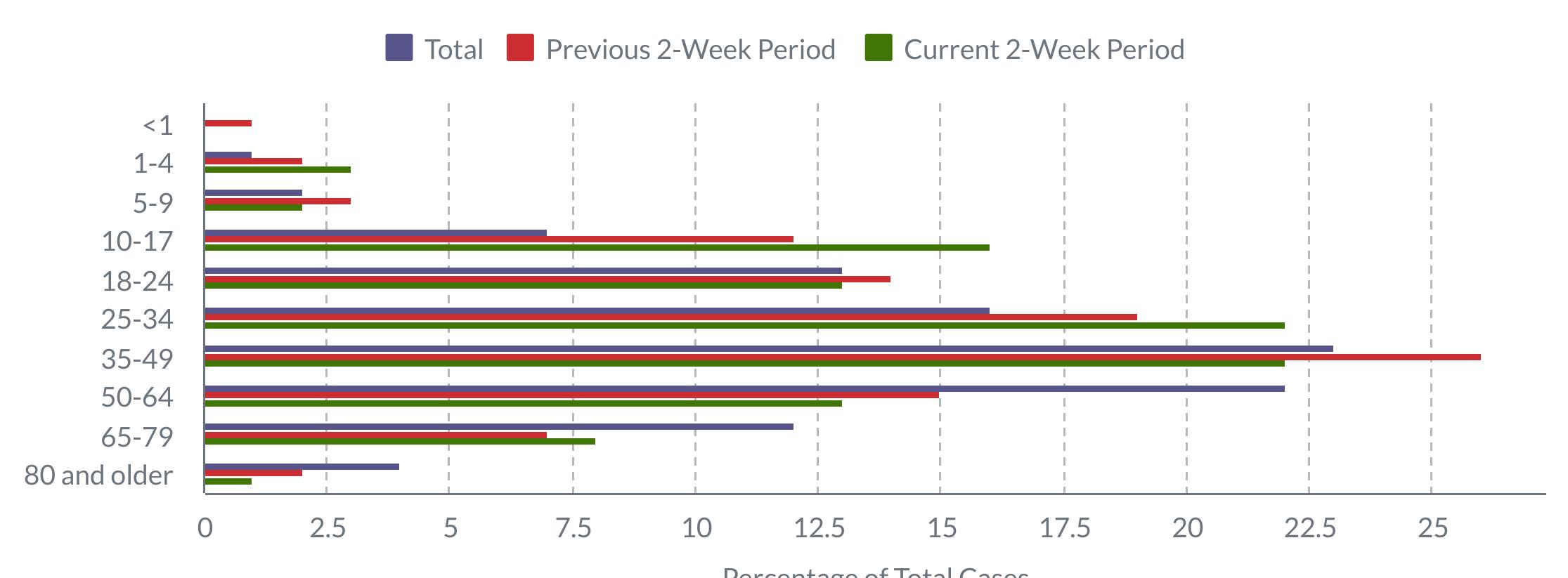
Total Number of Confirmed and	
Presumptive Cases	51,290
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4546 (8.86%)
Deaths	1391 (2.71%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	948 (68.15%)

67 Current 14-Day Incidence Rate

The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 67 per 100,000 population (n=359; population=530,945). The previous 2-week period Incidence Rate was 102 per 100,000 population (n=546).

County	Total Confirmed Cases as of 5/23/2021 3PM	Total Presumptive Cases as of 5/23/2021 3PM	Total Presumptive and Confirmed Cases 5/23/2021	Total Presumptive and Confirmed Cases 5/16/2021	Percent Change Between 5/16/2021- 5/23/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3867	668	4535	4518	0.4%	342	130
Bibb	13423	2426	15849	15799	0.3%	1823	444
Crawford	520	134	654	654	0.0%	72	19
Hancock	840	76	916	912	0.4%	111	67
Houston	10165	4527	14692	14657	0.2%	975	261
Jasper	684	716	1400	1400	0.0%	68	39
Jones	1593	420	2013	2003	0.5%	173	57
Monroe	1890	773	2663	2652	0.4%	212	99
Peach	1887	787	2674	2659	0.6%	245	61
Putnam	1805	388	2193	2185	0.4%	165	56
Twiggs	510	214	724	726	-0.3%	106	44
Washington	1639	409	2048	2047	0.0%	133	87
Wilkinson	735	194	929	925	0.4%	121	27
Total	39558	11732	51290	51140	0.3%	4546	1391

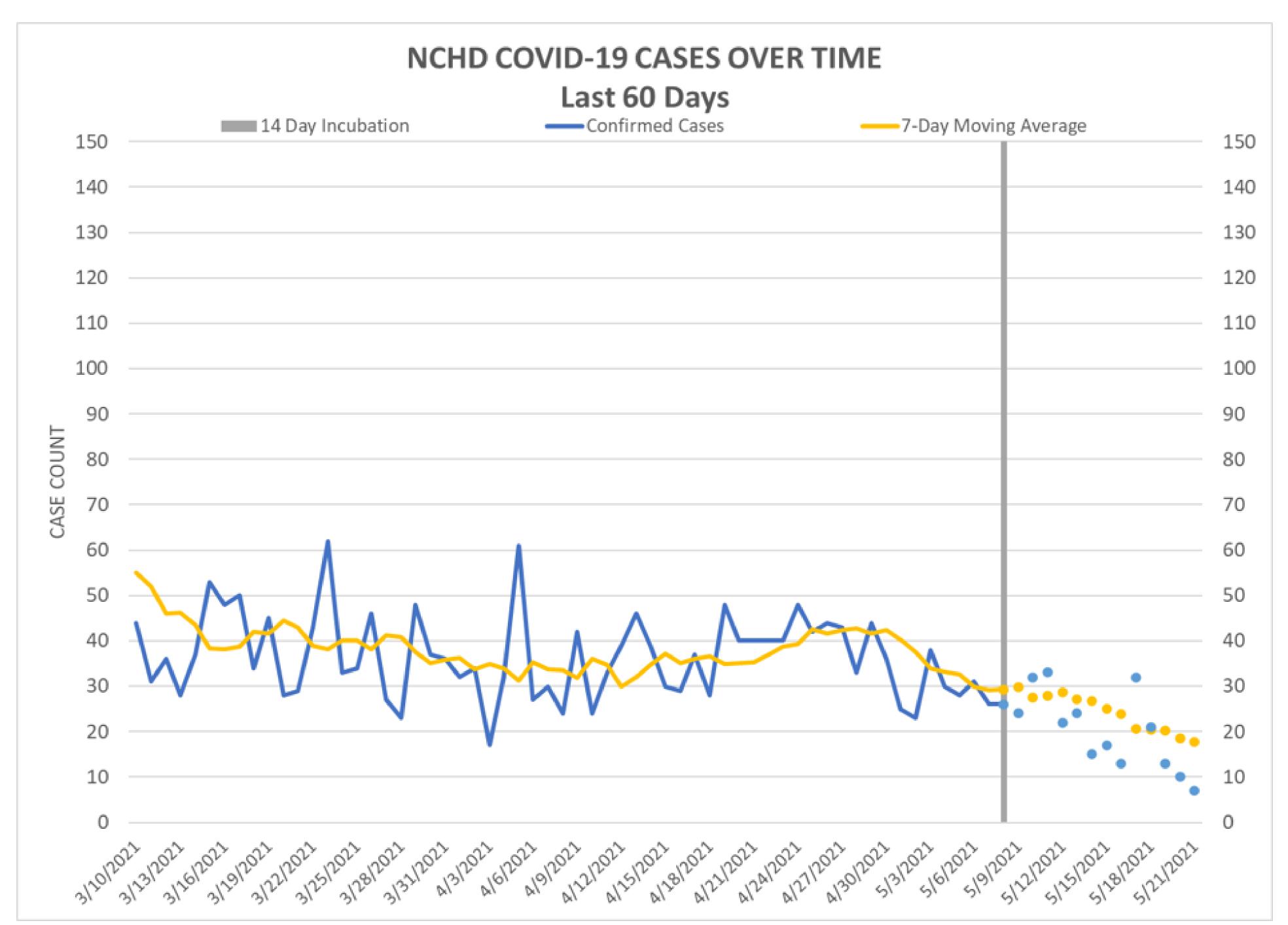
Age Distribution of Cases



Percentage of Total Cases

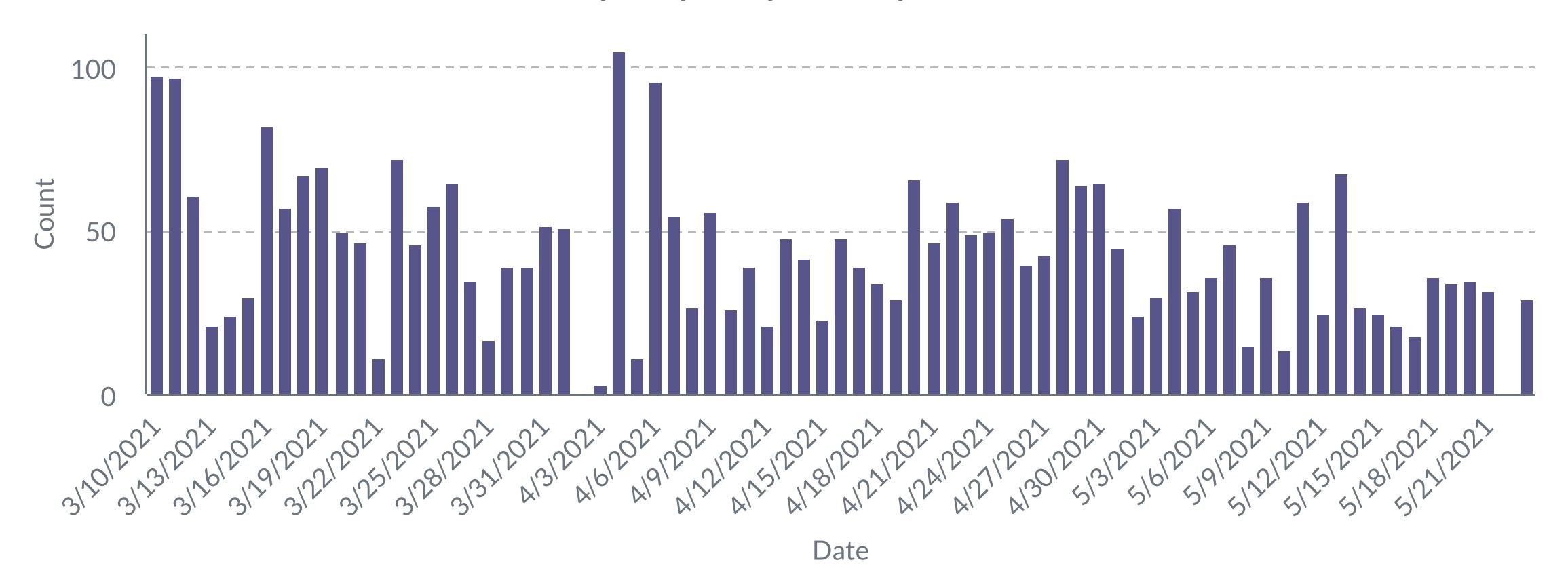
*Confirmed Cases are those tested using a Molecular Tests (i.e. PCR) since 3/1/2020. *Presumptive Cases are those tested using an Antigen Test since 3/1/2020

All data is based on patient county of residence when known.

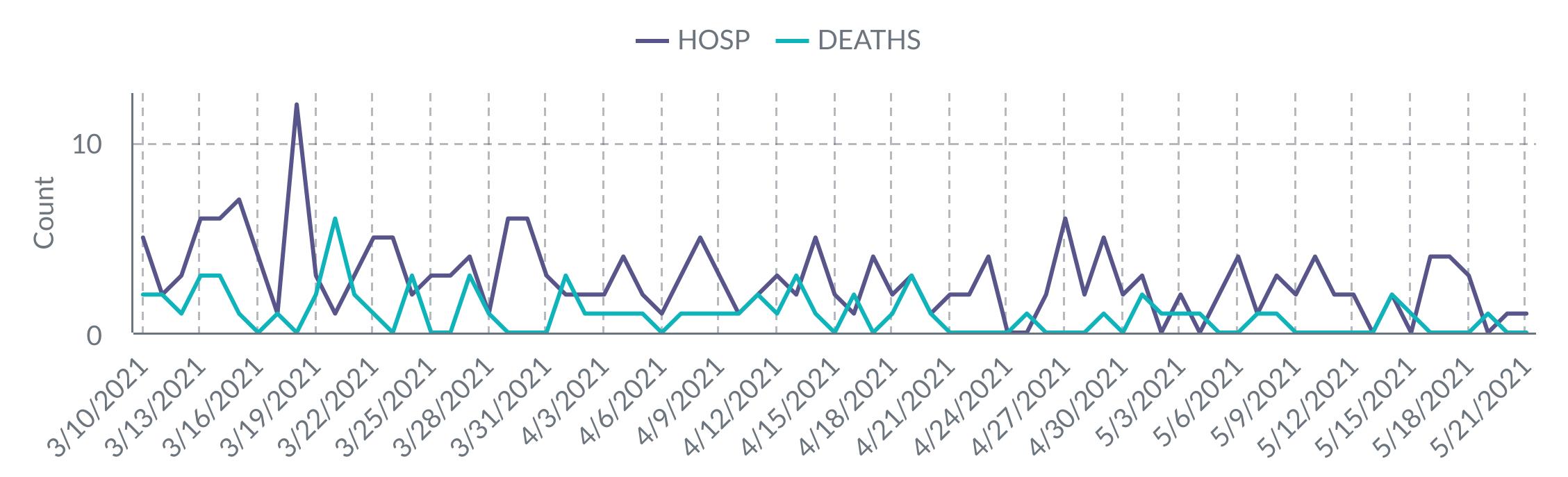


^{* 14-}day window – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test results may still be pending.

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



County Data - Incidence Rate

		4/19/2021-5/2/2021			5/3/	2021-5/16/	2021		COVID-19
		Total	Rate per	Positivity	Total	Rate per	Positivity	%change in	Transmission
GEOGRAPHY	Population	Cases	100,000	Rate	Cases	100,000	Rate	Case Count	Level
BALDWIN	44,890	31	69	5%	24	53	3%	-23%	Moderate
BIBB	153,159	123	80	4%	84	55	5%	-32%	Moderate
CRAWFORD	12,404	4	32	7%	1	8	5%	-75%	Low
HANCOCK	8,457	1	12	8%	6	71	5%	500%	Moderate
HOUSTON	157,863	208	132	5%	127	80	5%	-39%	Moderate
JASPER	14,219	17	120	9%	4	28	1%	-76%	Minimal
JONES	28,735	13	45	5%	10	35	4%	-23%	Minimal
MONROE	27,578	29	105	5%	32	116	4%	10%	Substantial
PEACH	27,546	42	152	3%	30	109	6%	-29%	Substantial
PUTNAM	22,119	30	136	6%	10	45	5%	-67%	Minimal
TWIGGS	8,120	12	148	2%	11	135	1%	-8%	Substantial
WASHINGTON	20,374	29	142	6%	15	74	7%	-48%	Moderate
WILKINSON	8,954	7	78	9%	5	56	7%	-29%	Moderate
Total	534,418	546	102	6%	359	67	4%	-34%	Moderate

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.

County Data - Outbreaks

		3/1/2020 - 5/23/2021 5/3/2021-5/16					16/2021		
								2 week	% of 2 week
								outbreak	outbreak
			Total	% total	2 week	2 week	% 2 week	Congregate	Congregate
GEOGRAPHY	Population	Total	Outbreak	outbreak	total	outbreak	outbreak	Care	Care
BALDWIN	44,890	4535	602	13%	24			0	
BIBB	153,159	15849	956	6%	84		-	0	
CRAWFORD	12,404	654	70	11%	1		-	0	
HANCOCK	8,457	916	306	33%	6		-	0	
HOUSTON	157,863	14692	598	4%	127	1	1%	1	100%
JASPER	14,219	1400	99	7%	4		-	0	
JONES	28,735	2013	122	6%	10		-	0	
MONROE	27,578	2663	273	10%	32			0	
PEACH	27,546	2674	115	4%	30			0	
PUTNAM	22,119	2193	124	6%	10		-	0	
TWIGGS	8,120	724	125	17%	11	4	36%	4	100%
WASHINGTON	20,374	2048	289	14%	15		-	0	
WILKINSON	8,954	929	77	8%	5		-	0	
TOTAL	534,418	51290	3756	7%	359	5	1%	5	100%

Outbreak Data Resouces

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
- Georgia Department of Community Health Long-Term Care Facility COVID-19 Report
- Georgia Department of Corrections COVID-19 Dashboard