

### North Central Health District COVID-19 Operational Summary

#### March 2, 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.



#### **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. Current groups eligible for vaccination include:

- Healthcare personnel
- Residents and employees of long-term care facilities
- Adults aged 65 and older
- Caregivers of adults age 65 and older
- Law enforcement officers, fire personnel (including volunteer fire departments), dispatchers and 911 operators

The information in this portion of the report is accurate as of 2/28/2021 at 4 PM.

# **76700** MODERNA VACCINE DOSES REQUESTED

# 41000MODERNA VACCINE DOSES RECEIVED33922MODERNA VACCINE DOSES ADMINISTERED

Age Distribution of Vaccination (Received at Least 1 Dose)



Gender Distribution of Vaccination (Received at Least 1 Dose)



Race Distribution of Vaccination (Received at Least 1 Dose)







#### Total Doses Administered by County



#### Total Doses Administered by Residence



1st Doses Administered by Residence



3

### **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 2/28/2021 at 2 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



13554



County of Residence	Total Specimens Collected by 2/28/2021	% Increase in Specimens Collected Between 2/21/2021- 2/28/2021	Amount of Labs Pending (%)	Total Positivity Rate (%) 3/18/2020- 2/28/2021	21 Day Positivity Rate (%) 2/8/2021- 2/28/2021
BALDWIN	4524	1.1%	0.8%	11%	9%
BIBB	8889	0.5%	0.2%	8%	11%
CRAWFORD	780	0.4%	0.9%	10%	8%
HANCOCK	1149	1.5%	0.6%	12%	12%
HOUSTON	13554	0.0%	0.4%	10%	63%
JASPER	824	0.4%	0.2%	9%	20%
JONES	1958	0.4%	0.3%	11%	18%
MONROE	1153	0.2%	1.0%	6%	10%
PEACH	1735	0.1%	0.9%	10%	31%
PUTNAM	2438	0.5%	0.9%	10%	8%
TWIGGS	457	0.7%	0.7%	13%	8%
WASHINGTON	2467	0.8%	0.1%	12%	7%
WILKINSON	907	0.3%	0.6%	12%	9%
Out of District	1501	0.3%	0.7%	10%	9%
Total	42336	0.4%	0.5%	10%	19%

3.2 minutes is theaverage timespent per patientfor specimencollection.

#### **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
- <u>Moderate Spread</u>: 51-100 cases per 100,000 county residents
- <u>Minimal Spread</u>: >11-50 cases per 100,000 county residents
- Low Spread: > 0-10 cases per 100,000 county residents
- Insufficient Data: A rate is not calculated for less than 5 cases reported. These counties may likely have low levels of transmission but may be affected by other factors such as levels of COVID-19 testing.

**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 2/28/2021 at 2 PM.

# **CURRENT 2 WEEK PERIOD:** 2/8/2021-2/21/2021

# **PREVIOUS 2 WEEK PERIOD:** 1/25/2021-2/7/2021

**PREVIOUS 7 DAYS**: 2/22/2021-2/28/2021

### **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 2/28/2021 at 2 PM.



Total Number of Confirmed and	
Presumptive Cases	47,551
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4000 (8.41%)
Deaths	1159 (2.44%)
Deaths Median Age (Age Range)	74 (17-102 Years)
Deaths that were Hospitalized	770 (66.44%)



The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 237 per 100,000 population (n=1268; population=530,945). The previous 2-week period Incidence Rate was 504 per

#### 100,000 population (n=2692).

County	Total Confirmed Cases as of 2/28/2021 2PM	Total Presumptive Cases as of 2/28/2021 2PM	Total Presumptive and Confirmed Cases 2/28/2021	Total Presumptive and Confirmed Cases 2/21/2021	Percent Change Between 2/21/2020- 2/28/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3716	563	4279	4205	2%	307	108
Bibb	12801	2061	14862	14457	3%	1674	373
Crawford	501	119	620	609	2%	61	16
Hancock	805	75	880	861	2%	103	57
Houston	9394	3995	13389	12820	4%	777	219
Jasper	632	665	1297	1262	3%	63	33
Jones	1519	378	1897	1865	2%	145	43
Monroe	1769	615	2384	2317	3%	184	88
Peach	1754	697	2451	2381	3%	207	48
Putnam	1675	323	1998	1951	2%	149	47
Twiggs	493	168	661	609	9%	94	36
Washington	1593	359	1952	1902	3%	121	68
Wilkinson	703	178	881	860	2%	115	23
Total	37355	10196	47551	46099	3%	4000	1159

#### Age Distribution of Cases

Total Previous 2-Week Period Current 2-Week Period



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.

**Note -** Data during the reporting period may be incomplete due to the lag in time between when the case was tested and/or reported and submitted to the Georgia DPH for reporting purposes. This delay can vary depending on the testing facility and/or jurisdiction.

#### 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 — Deaths



Date Hospitalizations and Death By Date of Occurrence Past 60 Days

- Hospitalizations - Deaths



Date

76% of Hospitalized Cases have been reported as being discharged.
6% of Cases have been identified as Healthcare Workers.
35% 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)

![](_page_9_Picture_7.jpeg)

Asian (0.7%)
 Black (46%)
 Other (1.8%)
 White (50.5%)
 Unknown (1%)

#### Underlying Health Conditions (Deaths)

![](_page_9_Picture_10.jpeg)

Yes (29.05%) No (22.84%) Unknown (48.11%)

![](_page_9_Picture_12.jpeg)

#### Gender Distribution of Cases

Male (43.4%) Female (55.5%) Unknown (1.1%)

#### Gender Distribution of Deaths

![](_page_9_Picture_16.jpeg)

#### **Baldwin County - Substantial Spread**

Since 2/13/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 9.4% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_10_Picture_2.jpeg)

The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 263 per 100,000 population (n=118; population=44,823)**. The previous 2-week Incidence Rate was 503 (n=226) per 100,000 population.

![](_page_10_Picture_4.jpeg)

48% 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

Total Previous 2-Week Period Current 2-Week Period

![](_page_10_Figure_8.jpeg)

Percentage of Total Cases

![](_page_10_Picture_10.jpeg)

#### 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=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 **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=549) of cases reported in Baldwin County have been linked to an outbreak.

#### **Bibb County - Substantial Spread**

Since 2/13/2021, 5% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 7.9% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_11_Picture_2.jpeg)

The incidence rate of COVID-19 for Bibb County residents from **the Current 2-Week Period was 225 per 100,000 population (n=344; population=153,095)**. The previous 2-week Incidence Rate was 509 (n=779) per 100,000 population.

![](_page_11_Picture_4.jpeg)

56% 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

![](_page_11_Figure_7.jpeg)

![](_page_11_Figure_8.jpeg)

2% 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 2% (n=6) of the total cases reported during that time county-wide. During this time period, 50% (n=3) of the outbreak-related cases are associated with a congregate care setting. The other **98%** 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=844) of cases reported in Bibb County have been linked to an outbreak.

#### **Crawford County - Minimal Spread**

Since 2/13/2021, 10% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 4.5% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_12_Picture_2.jpeg)

The incidence rate of COVID-19 for Crawford County residents from **the Current 2-week period was 48 per 100,000 population (n=6; population=12,318)**. The previous 2-week Incidence Rate was 331 (n=41) per 100,000 population.

![](_page_12_Picture_4.jpeg)

85% 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

![](_page_12_Figure_8.jpeg)

Percentage of Total Cases

![](_page_12_Picture_10.jpeg)

#### 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 17% (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 **83%** 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, 11% (n=67) of cases reported in Crawford County have been linked to an outbreak.

#### **Hancock County - Substantial Spread**

**AREA OF CONCERN:** Since 2/13/2021, 14% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 12.3% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Hancock 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.

### 284 **Current 14-Day Incidence** Rate

The incidence rate of COVID-19 for Hancock County residents from **the** Current 2-week period was 284 per 100,000 population (n=24; population=8,348). The previous 2-week Incidence Rate was 319 (n=27) per 100,000 population.

![](_page_13_Picture_4.jpeg)

11% 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

Previous 2-Week Period Current 2-Week Period Total

![](_page_13_Figure_9.jpeg)

![](_page_13_Figure_11.jpeg)

Percentage of Total 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, 35% (n=299) of cases reported in Hancock County have been linked to an outbreak.

**Current 2-week Period Outbreak Related Cases** 

#### **Houston County - Substantial Spread**

Since 2/13/2021, 14% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 7.6% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_14_Picture_2.jpeg)

The incidence rate of COVID-19 for Houston County residents from the **Current 2-Week Period was 251 per 100,000 population (n=397; population=155,469)**. The previous 2-week Incidence Rate was 531 (n=839) per 100,000 population.

![](_page_14_Picture_4.jpeg)

53% 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

Total Previous 2-Week Period Current 2-Week Period

![](_page_14_Figure_9.jpeg)

![](_page_14_Figure_10.jpeg)

Percentage of Total Cases

![](_page_14_Picture_12.jpeg)

#### 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=7) of the total cases reported during that time county-wide. During this time period, 86% (n=6) 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, 3% (n=463) of cases reported in Houston County have been linked to an outbreak.

#### **Jasper County - Substantial Spread**

Since 2/13/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 9.5% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_15_Picture_2.jpeg)

The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 359 per 100,000 population (n=51; population=14,040)**. The previous 2-week Incidence Rate was 492 (n=70) per 100,000 population.

![](_page_15_Picture_4.jpeg)

27% 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

Total Previous 2-Week Period Current 2-Week Period

![](_page_15_Figure_8.jpeg)

![](_page_15_Figure_9.jpeg)

Percentage of Total Cases

![](_page_15_Picture_11.jpeg)

#### 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, 6% (n=81) of cases reported in Jasper County have been linked to an outbreak.

#### **Jones County - Substantial Spread**

Since 2/13/2021, 8% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 8.1% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_16_Picture_2.jpeg)

The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 195 per 100,000 (n=56; population=28,616)**. The previous 2-week Incidence Rate was 501 (n=144) per 100,000 population.

![](_page_16_Picture_4.jpeg)

61% 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

![](_page_16_Figure_8.jpeg)

![](_page_16_Figure_9.jpeg)

Percentage of Total Cases

![](_page_16_Picture_11.jpeg)

#### 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 2% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **98%** 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, 5% (n=102) of cases reported in Jones County have been linked to an outbreak.

#### **Monroe County - Substantial Spread**

Since 2/13/2021, 6% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 9.8% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_17_Picture_2.jpeg)

The incidence rate of COVID-19 for Monroe County residents from the **Current 2-Week Period was 297 per 100,000 population (n=82; population=27,520)**. The previous 2-week Incidence Rate was 461 (n=127) per 100,000 population.

![](_page_17_Picture_4.jpeg)

35% 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

![](_page_17_Figure_7.jpeg)

0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 Percentage of Total Cases

![](_page_17_Picture_9.jpeg)

#### 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 2% (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 **98%** 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, 9% (n=217) of cases reported in Monroe County have been linked to an outbreak.

#### **Peach County - Substantial Spread**

Since 2/13/2021, 6% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 9.7% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_18_Picture_2.jpeg)

The incidence rate of COVID-19 for Peach County residents from the **Current 2-Week Period was 265 per 100,000 population (n=73; population=27,297)**. The previous 2-week Incidence Rate was 570 (n=157) per 100,000 population.

![](_page_18_Picture_4.jpeg)

54% 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

Total Previous 2-Week Period Current 2-Week Period

![](_page_18_Figure_8.jpeg)

1%

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 1% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **99%** 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, 3% (n=80) of cases reported in Peach County have been linked to an outbreak.

#### **Putnam County - Substantial Spread**

Since 2/13/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 7.7% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_19_Picture_2.jpeg)

The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 222 per 100,000 population (n=49; population=21,809)**. The previous 2-week Incidence Rate was 619 (n=137) per 100,000 population.

![](_page_19_Picture_4.jpeg)

64% 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

![](_page_19_Figure_8.jpeg)

![](_page_19_Figure_9.jpeg)

2% 2% Current 2-week Period Outbreak

**Related Cases** 

50-64

The cases reported in Putnam County from the Current 2-Week Period associated with an outbreak account for 2% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **98%** 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, 4% (n=85) of cases reported in Putnam County have been linked to an outbreak.

#### **Twiggs County - Substantial Spread**

Since 2/13/2021, 11% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 3.8% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_20_Picture_2.jpeg)

The incidence rate of COVID-19 for Twiggs County residents from the **Current 2-Week Period was 148 per 100,000 population (n=12; population=8,188)**. The previous 2-week period Incidence Rate was 283 (n=23) per 100,000 population.

![](_page_20_Picture_4.jpeg)

48% decrease 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

Total Previous 2-Week Period Current 2-Week Period

![](_page_20_Figure_8.jpeg)

0% 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, 13% (n=84) of cases reported in Twiggs County have been linked to an outbreak.

#### **Washington County - Substantial Spread**

**AREA OF CONCERN:** Since 2/13/2021, 1% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 7.5% of COVID-19 PCR tests were positive during the 14-day period (2/13 -2/26/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19 and 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.

![](_page_21_Picture_2.jpeg)

The incidence rate of COVID-19 for Washington County residents from the Current 2-week Period was 157 per 100,000 population (n=32; population=20,386). The previous 2-week Incidence Rate was 456 (n=93) per 100,000 population.

![](_page_21_Picture_6.jpeg)

66% decrease 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

Previous 2-Week Period Current 2-Week Period Total

![](_page_21_Figure_10.jpeg)

80 and older

2.5 7.5 17.5 10 15 22.5 25 27.5 32.5 5 12.5 20 30 0

Percentage of Total Cases

![](_page_21_Picture_14.jpeg)

#### **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, 50% (n=1) 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, 13% (n=260) of cases reported in Washington County have been linked to an outbreak.

#### Wilkinson County - Substantial Spread

Since 2/13/2021, 11% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 7.4% of COVID-19 PCR tests were positive during the 14-day period (2/13 - 2/26/2021).

![](_page_22_Picture_2.jpeg)

The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period was 268 per 100,000 population (n=28; **population=9,036)**. The previous 2-week Incidence Rate was 324 (n=29) per 100,000 population.

![](_page_22_Picture_4.jpeg)

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

![](_page_22_Figure_8.jpeg)

80 and older

45

**Related Cases** 

#### 5 10 15 20 25 30 35 40 0 Percentage of Total Cases

The cases reported in Wilkinson County for the Current 2-Week Period associated with an outbreak account for 4% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. **96%** 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=59) of cases reported in Wilkinson County have been linked to an outbreak.

**Current 2-week Period Outbreak** 

![](_page_23_Picture_0.jpeg)

### North Central Health District COVID-19 Operational Summary

#### March 9, 2021

![](_page_23_Figure_3.jpeg)

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.

![](_page_23_Figure_8.jpeg)

#### **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 8, current groups eligible for vaccination include:

- Healthcare personnel

   This group includes paid and unpaid people serving in a healthcare setting who have
   the potential for direct exposure to patients or infectious materials and includes, but is no limited to: physicians,
   nurses, dentists, laboratory workers, environmental services, EMS, fire department that provides health
   services, etc.
- Residents and employees of long-term care facilities
- Adults aged 65 and older and their caregivers
- Law enforcement officers, fire personnel (including volunteer fire departments), dispatchers and 911 operators
- Pre-K-12 educators & staff (public and private)
- Adults with intellectual & development disabilities & their caregivers
- Parents of children with complex medical conditions

The information in this portion of the report is accurate as of 3/7/2021 at 4 PM.

# 89485

# MODERNA VACCINE DOSES REQUESTED

# 49900

# MODERNA VACCINE DOSES RECEIVED

# **39961**

# MODERNA VACCINE DOSES ADMINISTERED

# 4600

## J&J VACCINE DOSES RECEIVED (Received for school vaccination)

We are currently working through vaccinating eligible groups as quickly as possible. Appointments for vaccination are available through the week of March 8 - March 14, and are quickly 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.

Current vaccine supply in the district is higher than normal for the following reasons:

- **Delayed order delivered** The district's first and second dose deliveries that were delayed by winter weather arrived last week along with the regularly scheduled shipments. The combined deliveries has substantially increased our vaccine on-hand and has allowed us to open more first-dose appointments to members of our communities.
- School vaccines from state The district received Johnson & Johnson COVID-19 vaccine doses from the state to use for upcoming school staff vaccination events. This boosted the district's supply, but these doses are set aside specifically for the teachers, school staff, etc. at the moment.

#### **COVID-19 Vaccination District-Level Data**

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

Number Vaccinated

![](_page_25_Figure_3.jpeg)

Vaccines Administered

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

![](_page_25_Picture_7.jpeg)

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

![](_page_25_Picture_9.jpeg)

![](_page_25_Picture_10.jpeg)

#### **COVID-19 Vaccination County-Level Data**

![](_page_26_Figure_1.jpeg)

#### Total Doses Administered by Residence

![](_page_26_Figure_3.jpeg)

**1st Doses Administered by Residence** 

![](_page_26_Figure_6.jpeg)

### **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 3/7/2021 at 2 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

13565

122

![](_page_27_Figure_7.jpeg)

County of Residence	Total Specimens Collected by 3/7/2021	% Increase in Specimens Collected Between 2/28/2021- 3/7/2021	Amount of Labs Pending (%)	Total Positivity Rate (%) 3/18/2020- 3/7/2021	21 Day Positivity Rate (%) 2/15/2021- 3/7/2021
BALDWIN	4552	0.6%	0.6%	11%	11%
BIBB	8915	0.3%	0.2%	8%	12%
CRAWFORD	783	0.4%	0.9%	10%	8%
HANCOCK	1162	1.1%	0.7%	12%	10%
HOUSTON	13565	0.1%	0.4%	10%	40%
JASPER	830	0.7%	0.6%	9%	5%
JONES	1964	0.3%	0.3%	11%	7%
MONROE	1155	0.2%	1.0%	6%	15%
PEACH	1737	0.1%	1.0%	10%	21%
PUTNAM	2446	0.3%	0.8%	10%	14%
TWIGGS	<mark>458</mark>	0.2%	0.4%	13%	0%
WASHINGTON	2480	0.5%	0.1%	12%	7%
WILKINSON	919	1.3%	1.1%	12%	12%
Out of District	1492	0.2%	0.6%	10%	40%
Total	42458	0.3%	0.5%	10%	13%

3.2 minutes is theaverage timespent per patientfor specimencollection.

#### **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
- <u>Moderate Spread</u>: 51-100 cases per 100,000 county residents
- <u>Minimal Spread</u>: >11-50 cases per 100,000 county residents
- Low Spread: > 0-10 cases per 100,000 county residents
- Insufficient Data: A rate is not calculated for less than 5 cases reported. These counties may likely have low levels of transmission but may be affected by other factors such as levels of COVID-19 testing.

**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 3/7/2021 at 2 PM.

# **CURRENT 2 WEEK PERIOD:** 2/15/2021-2/28/2021

# **PREVIOUS 2 WEEK PERIOD:** 2/1/2021- 2/14/2021

**PREVIOUS 7 DAYS**: 3/1/2021-3/7/2021

### **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 3/7/2021 at 2 PM.

![](_page_29_Picture_4.jpeg)

Total Number of Confirmed and	
Presumptive Cases	48,101
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4069 (8.46%)
Deaths	1220 (2.54%)

![](_page_29_Picture_6.jpeg)

The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 179 per 100,000 population (n=957; population=530,945). The previous 2-week period Incidence Rate was 361 per

#### Deaths Median Age (Age Range) Deaths that were Hospitalized

74 (17-102 Years) 811 (66.48%)

100,000 population (n=1929).

County	Total Confirmed Cases as of 3/7/2021 2PM	Total Presumptive Cases as of 3/7/2021 2PM	Total Presumptive and Confirmed Cases 3/7/2021	Total Presumptive and Confirmed Cases 2/28/2021	Percent Change Between 2/21/2020- 2/28/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3731	572	4303	4279	1%	311	116
Bibb	12913	2132	15045	14862	1%	1698	394
Crawford	507	123	630	620	2%	64	17
Hancock	809	74	883	880	0%	102	58
Houston	9470	4098	13568	13389	1%	801	226
Jasper	643	683	1326	1297	2%	64	33
Jones	1529	387	1916	1897	1%	145	48
Monroe	1783	633	2416	2384	1%	188	93
Peach	1762	706	2468	2451	1%	210	49
Putnam	1690	328	2018	1998	1%	151	50
Twiggs	497	180	677	661	2%	97	39
Washington	1596	359	1955	1952	0%	122	71
Wilkinson	712	184	896	881	2%	116	26
Total	37642	10459	48101	47551	1%	4069	1220

#### Age Distribution of Cases

Total Previous 2-Week Period Current 2-Week Period

![](_page_29_Figure_15.jpeg)

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

![](_page_30_Figure_0.jpeg)

![](_page_30_Figure_1.jpeg)

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.

**Note -** Data during the reporting period may be incomplete due to the lag in time between when the case was tested and/or reported and submitted to the Georgia DPH for reporting purposes. This delay can vary depending on the testing facility and/or jurisdiction.

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

![](_page_31_Figure_1.jpeg)

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

![](_page_31_Figure_4.jpeg)

Date

#### **Hospitalizations Over Time**

![](_page_31_Figure_7.jpeg)

#### **Deaths Over Time**

![](_page_32_Figure_1.jpeg)

#### Hospitalizations and Death By Date of Occurrence

— Hospitalizations — Deaths

![](_page_32_Figure_5.jpeg)

Date Hospitalizations and Death By Date of Occurrence Past 60 Days

- Hospitalizations - Deaths

![](_page_32_Figure_8.jpeg)

Date

80% of Hospitalized Cases have been reported as being discharged.
6% of Cases have been identified as Healthcare Workers.
34% 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

![](_page_33_Picture_3.jpeg)

![](_page_33_Picture_4.jpeg)

![](_page_33_Picture_5.jpeg)

#### Underlying Health Conditions (Cases)

![](_page_33_Picture_7.jpeg)

# Asian (0.7%) Black (46.35%) Other (1.5%) White (50.35%) Unknown (1.1%)

#### Underlying Health Conditions (Deaths)

![](_page_33_Picture_10.jpeg)

![](_page_33_Picture_11.jpeg)

![](_page_33_Picture_12.jpeg)

#### Gender Distribution of Cases

![](_page_33_Picture_14.jpeg)

![](_page_33_Picture_15.jpeg)

#### Gender Distribution of Deaths

![](_page_33_Picture_17.jpeg)

![](_page_33_Picture_18.jpeg)

#### **Baldwin County - Substantial Spread**

Since 2/20/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 6.3% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).

![](_page_34_Picture_2.jpeg)

The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 138 per 100,000 population (n=62; population=44,823)**. The previous 2-week Incidence Rate was 354 (n=159) per 100,000 population.

![](_page_34_Picture_4.jpeg)

61% 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

Total Previous 2-Week Period Current 2-Week Period

![](_page_34_Figure_8.jpeg)

#### 0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5

Percentage of Total Cases

![](_page_34_Picture_11.jpeg)

#### 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=3) of the total cases reported during that time county-wide. During this time period, 67% (n=2) 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=576) of cases reported in Baldwin County have been linked to an outbreak.

#### **Bibb County - Substantial Spread**

Since 2/20/2021, 5% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 6.7% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).

![](_page_35_Picture_2.jpeg)

The incidence rate of COVID-19 for Bibb County residents from **the Current 2-Week Period was 197 per 100,000 population (n=302; population=153,095)**. The previous 2-week Incidence Rate was 356 (n=545) per 100,000 population.

![](_page_35_Picture_4.jpeg)

45% 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

![](_page_35_Figure_7.jpeg)

![](_page_35_Figure_8.jpeg)

1% 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 1% (n=4) of the total cases reported during that time county-wide. During this time period, 50% (n=2) of the outbreak-related cases are associated with a congregate care setting. The other **99%** 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=858) of cases reported in Bibb County have been linked to an outbreak.
# **Crawford County - Minimal Spread**

Since 2/20/2021, 15% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 6.4% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



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 145 (n=18) per 100,000 population.



78% 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, 11% (n=68) of cases reported in Crawford County have been linked to an outbreak.

# **Hancock County - Substantial Spread**

Since 2/20/2021, 14% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 7.4% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Hancock County residents from **the** Current 2-week period was 248 per 100,000 population (n=21; population=8,348). The previous 2-week Incidence Rate was 331 (n=28) per 100,000 population.



25% 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

Previous 2-Week Period Current 2-Week Period Total





Percentage of Total Cases



**Related Cases** 

The cases reported in Hancock 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 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=300) of cases reported in Hancock County have been linked to an outbreak.

# **Houston County - Substantial Spread**

Since 2/20/2021, 7% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 7.1% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Houston County residents from the **Current 2-Week Period was 200 per 100,000 population (n=315; population=155,469)**. The previous 2-week Incidence Rate was 379 (n=599) per 100,000 population.



47% 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total Cases



### 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=7) of the total cases reported during that time county-wide. During this time period, 43% (n=3) 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=485) of cases reported in Houston County have been linked to an outbreak.

# **Jasper County - Substantial Spread**

Since 2/20/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 6.7% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 225 per 100,000 population (n=32; population=14,040)**. The previous 2-week Incidence Rate was 485 (n=69) per 100,000 population.



54% 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total Cases



### 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 6% (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 **94%** 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, 6% (n=82) of cases reported in Jasper County have been linked to an outbreak.

# **Jones County - Substantial Spread**

Since 2/20/2021, 12% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 7.5% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 125 per 100,000 (n=36; population=28,616)**. The previous 2-week Incidence Rate was 341 (n=98) per 100,000 population.



63% 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





The cases reported in Jones 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 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=106) of cases reported in Jones County have been linked to an outbreak.



### Current 2-week Period Outbreak Related Cases

# **Monroe County - Substantial Spread**

Since 2/20/2021, 6% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 5.6% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Monroe County residents from the **Current 2-Week Period was 207 per 100,000 population (n=57; population=27,520)**. The previous 2-week Incidence Rate was 373 (n=103) per 100,000 population.



45% 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

Total Previous 2-Week Period Current 2-Week Period



15

Percentage of Total Cases

# 4%

 $\mathbf{O}$ 

5

10

### 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 4% (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 **96%** 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, 9% (n=219) of cases reported in Monroe County have been linked to an outbreak.

20

25

30

# **Peach County - Substantial Spread**

Since 2/20/2021, 6% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 6.6% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Peach County residents from the Current 2-Week Period was 127 per 100,000 population (n=35; **population=27,297)**. The previous 2-week Incidence Rate was 385 (n=106) per 100,000 population.



0%

**Related Cases** 

67% 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

Total Previous 2-Week Period Current 2-Week Period



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 **Current 2-week** attributed to a single area of concern and represent community level **Period Outbreak** spread within the county. Since March 2020, 4% (n=99) of cases reported in Peach County have been linked to an outbreak.

# **Putnam County - Substantial Spread**

Since 2/20/2021, 4% 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 (2/20 - 3/5/2021).



The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 140 per 100,000 population (n=31; population=21,809)**. The previous 2-week Incidence Rate was 434 (n=96) per 100,000 population.



68% 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





**3% 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 3% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **97%** 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, 4% (n=89) of cases reported in Putnam County have been linked to an outbreak.

# **Twiggs County - Substantial Spread**

Since 2/20/2021, 15% 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 (2/20 - 3/5/2021).



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 246 (n=20) per 100,000 population.



45% decrease 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

Total Previous 2-Week Period Current 2-Week Period



64% 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 64% (n=7) of the total cases reported during that time county-wide. During this time period, 100% (n=7) 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, 15% (n=102) of cases reported in Twiggs County have been linked to an outbreak.

# Washington County - Substantial Spread

Since 2/20/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 4.9% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021).



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 290 (n=59) per 100,000 population.



47% decrease 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

Previous 2-Week Period Current 2-Week Period Total



80 and older

#### 2.5 7.5 5 10 12.5 15 17.5 20 22.5 25 27.5 30 0

Percentage of Total Cases



### **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 45% (n=14) 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 **55%** 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, 13% (n=261) of cases reported in Washington County have been linked to an outbreak.

# Wilkinson County - Substantial Spread

AREA OF CONCERN: Since 2/20/2021, 12% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 4.9% of COVID-19 PCR tests were positive during the 14-day period (2/20 - 3/5/2021). Confirmed case counts, as well as emergency room visits associated with ILI Syndromes, have increased amongst Wilkinson 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 Wilkinson County residents from the Current 2-Week Period **was 223 per 100,000 population (n=20; population=9,036)**. The previous 2-week Incidence Rate was 324 (n=29) per 100,000 population.

31% 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





Percentage of Total Cases

5% 5% 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 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. **95%** 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=65) of cases reported in Wilkinson County have been linked to an outbreak.



# North Central Health District COVID-19 Operational Summary

### March 16, 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.



# **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 15, current groups eligible for vaccination include:

- Healthcare personnel This group includes paid and unpaid people serving in a healthcare setting who have the potential for direct exposure to patients or infectious materials and includes, but is no limited to: physicians, nurses, dentists, laboratory workers, environmental services, EMS, fire department that provides health services, etc.
- Residents and employees of long-term care facilities
- Adults aged 55 and older and their caregivers
- Law enforcement officers, fire personnel (including volunteer fire departments), dispatchers and 911 operators
- Pre-K-12 educators & staff (public and private)
- Adults with intellectual & development disabilities & their caregivers
- Parents of children with complex medical conditions who are at high risk for COVID-19 complications
- Individuals with disabilities
- Individuals aged 16 years and older with certain medical conditions that increase their risk of severe illness from COVID-19. 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 & Johnso, and can

only vaccinate age 18 and older.

The information in this portion of the report is accurate as of 3/14/2021 at 4 PM.



We are currently working through vaccinating eligible groups as quickly as possible. Appointments for vaccination are available through the week of March 15 - March 20, and are quickly 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.

## **COVID-19 Vaccination District-Level Data**

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

Number Vaccinated



Vaccines Administered

### 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 3/14/2021 at 2 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

13565



8 Specimens Collected Between 3/7/2021-3/14/2021

21-Day Positivity Rate for NCHD COVID-19 Testing

110/

42,458

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
- <u>Moderate Spread</u>: 51-100 cases per 100,000 county residents
- <u>Minimal Spread</u>: >11-50 cases per 100,000 county residents
- Low Spread: > 0-10 cases per 100,000 county residents
- Insufficient Data: A rate is not calculated for less than 5 cases reported. These counties may likely have low levels of transmission but may be affected by other factors such as levels of COVID-19 testing.

**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 3/14/2021 at 2 PM.

# **CURRENT 2 WEEK PERIOD:** 2/22/21 - 3/7/21

# **PREVIOUS 2 WEEK PERIOD:** 2/2/21 - 2/21/21

# **PREVIOUS 7 DAYS**: 3/8/21 - 3/14/21

# **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 3/14/2021 at 2 PM.

# SUBSTANTIAL SPREAD

Total Number of Confirmed and Presumptive	
Cases	48,591
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4114 (8.47%)
Deaths	1245 (2.56%)



The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 150 per 100,000 population (n=802; population=530,945). The previous 2-week period Incidence Rate was 251 per

#### Deaths Median Age (Age Range)

Deaths that were Hospitalized

74 (17-102 Years) 830 (66.67%)

100,000 population (n=1340).

County	Total Confirmed Cases as of 3/14/2021 2PM	Total Presumptive Cases as of 3/14/2021 2PM	Total Presumptive and Confirmed Cases 3/14/2021	Total Presumptive and Confirmed Cases 3/7/2021	Percent Change Between 2/21/2020- 3/14/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3750	595	4345	4303	1%	316	116
Bibb	12975	2166	15141	15045	1%	1711	398
Crawford	508	123	631	630	0%	64	17
Hancock	813	75	888	883	1%	102	60
Houston	9566	4149	13715	13568	1%	810	233
Jasper	646	<mark>68</mark> 9	1335	1326	1%	64	33
Jones	1540	391	1931	1916	1%	149	50
Monroe	1799	684	2483	2416	3%	193	96
Peach	1776	715	2491	2468	1%	212	52
Putnam	1707	362	2069	2018	3%	153	51
Twiggs	499	191	690	677	2%	99	39
Washington	1603	364	1967	1955	1%	124	74
Wilkinson	718	187	905	896	1%	117	26
Total	37900	10691	48591	48101	1%	4114	1245

### Age Distribution of Cases

Total Previous 2-Week Period Current 2-Week Period



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.

**Note -** Data during the reporting period may be incomplete due to the lag in time between when the case was tested and/or reported and submitted to the Georgia DPH for reporting purposes. This delay can vary depending on the testing facility and/or jurisdiction.

# 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



Date

#### **Hospitalizations Over Time**



### **Deaths Over Time**



### Hospitalizations and Death By Date of Occurrence

- Hospitalizations - Deaths



Date Hospitalizations and Death By Date of Occurrence Past 60 Days

- Hospitalizations - Deaths



Date

80% of Hospitalized Cases have been reported as being discharged.
6% of Cases have been identified as Healthcare Workers.
34% 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 (Deaths)







### Gender Distribution of Cases





### Gender Distribution of Deaths





# **Baldwin County - Moderate Spread**

Since 2/27/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 7% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 71 per 100,000 population (n=32; population=44,823)**. The previous 2-week Incidence Rate was 287 (n=129) per 100,000 population.



75% 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

Total Previous 2-Week Period Current 2-Week Period



Percentage of Total Cases



### 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 16% (n=5) of the total cases reported during that time county-wide. During this time period, 80% (n=4) of the outbreak-related cases are associated with a congregate care setting. The other **84%** 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=583) of cases reported in Baldwin County have been linked to an outbreak.

# **Bibb County - Substantial Spread**

AREA OF CONCERN: Since 2/27/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 5.7% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021). 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 151 per 100,000 population (n=231; population=153,095)**. The previous 2-week Incidence Rate was 243 (n=372) per 100,000 population.



38% 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





1% 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 1% (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 **99%** 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=866) of cases reported in Bibb County have been linked to an outbreak.

### **Crawford County - Moderate Spread**

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 6.2% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Crawford County residents from **the Current 2-week period was 81 per 100,000 population (n=10; population=12,318)**. The previous 2-week Incidence Rate was 48 (n=6) per 100,000 population.



67% increase 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



Percentage of Total Cases



### 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, 11% (n=68) of cases reported in Crawford County have been linked to an outbreak.

## Hancock County - Moderate Spread

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 3.8% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Hancock County residents from **the** Current 2-week period was 95 per 100,000 population (n=8; population=8,348). The previous 2-week Incidence Rate was 319 (n=27) per 100,000 population.

70%

70% 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

Previous 2-Week Period Current 2-Week Period Total





Percentage of Total Cases

The cases reported in Hancock County for the Current 2-Week Period associated with an outbreak account for 13% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **87%** 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=300) of cases reported in Hancock County have been linked to an outbreak.

137**Current 2-week Period Outbreak Related Cases** 

# **Houston County - Substantial Spread**

Since 2/27/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 7% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Houston County residents from the **Current 2-Week Period was 194 per 100,000 population (n=306; population=155,469)**. The previous 2-week Incidence Rate was 260 (n=411) per 100,000 population.



26% 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total Cases



### 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 6% (n=17) of the total cases reported during that time county-wide. During this time period, 71% (n=12) of the outbreak-related cases are associated with a congregate care setting. The other **96%** 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=502) of cases reported in Houston County have been linked to an outbreak.

# **Jasper County - Substantial Spread**

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 6.5% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 148 per 100,000 population (n=21; population=14,040)**. The previous 2-week Incidence Rate was 359 (n=51) per 100,000 population.



59% 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

Total Previous 2-Week Period Current 2-Week Period



### 0 5 10 15 20 25 30 35 Percentage of Total Cases

**O % 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=2) 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, 6% (n=82) of cases reported in Jasper County have been linked to an outbreak.

# **Jones County - Substantial Spread**

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 5.8% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 104 per 100,000 (n=30; population=28,616)**. The previous 2-week Incidence Rate was 205 (n=59) per 100,000 population.



49% 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



**Current 2-week** 

**Period Outbreak** 

**Related Cases** 

### 0 5 10 15 20 25 30 35 Percentage of Total Cases

The cases reported in Jones County for the Current 2-Week Period associated with an outbreak account for 7% (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 **93%** 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=109) of cases reported in Jones County have been linked to an outbreak.

# **Monroe County - Substantial Spread**

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 4.7% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Monroe County residents from the **Current 2-Week Period was 174 per 100,000 population (n=48; population=27,520)**. The previous 2-week Incidence Rate was 305 (n=84) per 100,000 population.



43% 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





Percentage of Total Cases



### 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 8% (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 **92%** 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, 11% (n=269) of cases reported in Monroe County have been linked to an outbreak.

# **Peach County - Substantial Spread**

Since 2/27/2021, 2% 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 (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Peach County residents from the Current 2-Week Period was 127 per 100,000 population (n=35; **population=27,297)**. The previous 2-week Incidence Rate was 269 (n=74) 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

Total Previous 2-Week Period Current 2-Week Period



Percentage of Total Cases

0%**Current 2-week Period Outbreak** 

**Related Cases** 

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=100) of cases reported in Peach County have been linked to an outbreak.

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

# **Putnam County - Substantial Spread**

AREA OF CONCERN: Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 5.5% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021). Confirmed case counts, as well as emergency room visits associated with 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.



The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 118 per 100,000 population (n=26; population=21,809)**. The previous 2-week Incidence Rate was 253 (n=56) per 100,000 population.



54% 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





**49%** 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 4% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **96%** 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=118) of cases reported in Putnam County have been linked to an outbreak.

# **Twiggs County - Substantial Spread**

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 3.1% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Twiggs County residents from the **Current 2-Week Period was 111 per 100,000 population (n=9; population=8,188)**. The previous 2-week period Incidence Rate was 123 (n=10) per 100,000 population.



10% decrease 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

Total Previous 2-Week Period Current 2-Week Period



11% 11% 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 11% (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 **89%** 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=113) of cases reported in Twiggs County have been linked to an outbreak.

# Washington County - Substantial Spread

**AREA OF CONCERN:** Since 2/27/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 1.8% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19 and 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.



The incidence rate of COVID-19 for Washington County residents from the **Current 2-week Period was 123 per 100,000 population (n=25; population=20,386)**. The previous 2-week Incidence Rate was 172 (n=35) per 100,000 population.

29% decrease 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

Total Previous 2-Week Period Current 2-Week Period





56%

**Current 2-week** 

**Period Outbreak** 

**Related Cases** 

### 0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 Percentage of Total Cases

The cases reported in Washington County for the Current 2-week Period associated with an outbreak account for 56% (n=14) of the total cases reported during that time county-wide. During this time period, 93% (n=13) of the outbreak-related cases are associated with a congregate care setting. The other **44%** 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=276) of cases reported in Washington County have been linked to an outbreak.

# Wilkinson County - Substantial Spread

Since 2/27/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 4.2% of COVID-19 PCR tests were positive during the 14-day period (2/27 - 3/12/2021).



The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period **was 235 per 100,000 population (n=21; population=9,036)**. The previous 2-week Incidence Rate was 290 (n=26) per 100,000 population.



19% 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





# 0 5 10 15 20 25 30 35 Percentage of Total 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. **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=65) of cases reported in Wilkinson County have been linked to an outbreak.

0% Current 2-week Period Outbreak Related Cases



# North Central Health District COVID-19 Operational Summary

### March 23, 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.


## **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 17, current groups eligible for vaccination include:

- Healthcare personnel This group includes paid and unpaid people serving in a healthcare setting who have the potential for direct exposure to patients or infectious materials and includes, but is no limited to: physicians, nurses, dentists, laboratory workers, environmental services, EMS, fire department that provides health services, etc.
- Residents and employees of long-term care facilities
- Adults aged 55 and older and their caregivers
- Law enforcement officers, fire personnel (including volunteer fire departments), dispatchers and 911 operators
- Pre-K-12 educators & staff (public and private)
- Adults with intellectual & development disabilities & their caregivers
- Parents of children with complex medical conditions who are at high risk for COVID-19 complications
- Individuals with disabilities
- Individuals aged 16 years and older with certain medical conditions that increase their risk of severe illness from COVID-19. 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.

Judges and courtroom staff 

The information in this portion of the report is accurate as of 3/21/2021 at 4 PM.



We are currently working through vaccinating eligible groups as quickly as possible. Appointments for vaccination are available through the week of March 22 - March 27, and are quickly 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.

#### **COVID-19 Vaccination District-Level Data**

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

Number Vaccinated



Vaccines Administered

#### 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 3/21/2021 at 2 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 3/14/2021-3/21/2021

10% 21-Day Positivity Rate for NCHD COVID-19 Testing **42,650** 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
- <u>Moderate Spread</u>: 51-100 cases per 100,000 county residents
- <u>Minimal Spread</u>: >11-50 cases per 100,000 county residents
- Low Spread: > 0-10 cases per 100,000 county residents
- Insufficient Data: A rate is not calculated for less than 5 cases reported. These counties may likely have low levels of transmission but may be affected by other factors such as levels of COVID-19 testing.

**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 3/21/2021 at 2 PM.

# **CURRENT 2 WEEK PERIOD:** 3/1/21 - 3/14/21

# **PREVIOUS 2 WEEK PERIOD:** 2/15/21 - 2/28/21

#### **PREVIOUS 7 DAYS**: 3/15/21 - 3/21/21

# **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 3/21/2021 at 2 PM.



Total Number of Confirmed and Presumptive	
Cases	48,961
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4153 (8.48%)
Deaths	1266 (2.59%)



The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 123 per 100,000 population (n=659; population=530,945). The previous 2-week period Incidence Rate was 186 per

#### Deaths Median Age (Age Range) Deaths that were Hospitalized

74 (17-102 Years) 844 (66.67%)

#### 100,000 population (n=993).

County	Total Confirmed Cases as of 3/21/2021 2PM	Total Presumptive Cases as of 3/21/2021 2PM	Total Presumptive and Confirmed Cases 3/21/2021	Total Presumptive and Confirmed Cases 3/14/2021	Percent Change Between 2/21/2020- 3/21/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3762	601	4363	4345	0%	318	118
Bibb	13024	2209	15233	15141	1%	1722	407
Crawford	510	127	637	631	1%	64	17
Hancock	<mark>816</mark>	75	891	888	0%	102	60
Houston	9629	4215	13844	13715	1%	826	236
Jasper	<mark>655</mark>	<mark>687</mark>	1342	1335	1%	64	33
Jones	1546	397	1943	1931	1%	151	52
Monroe	1816	707	2523	2483	2%	195	97
Peach	1784	724	2508	2491	1%	215	52
Putnam	1726	371	2097	2069	1%	155	52
Twiggs	502	191	693	690	0%	99	40
Washington	1608	372	1980	1967	1%	124	76
Wilkinson	720	187	907	905	0%	118	26
Total	38098	10863	48961	48591	1%	4153	1266

#### Age Distribution of Cases

Total Previous 2-Week Period Current 2-Week Period



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.

**Note -** Data during the reporting period may be incomplete due to the lag in time between when the case was tested and/or reported and submitted to the Georgia DPH for reporting purposes. This delay can vary depending on the testing facility and/or jurisdiction.

#### 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 — Deaths



Date Hospitalizations and Death By Date of Occurrence Past 60 Days

- Hospitalizations - Deaths



Date

80% of Hospitalized Cases have been reported as being discharged.
6% of Cases have been identified as Healthcare Workers.
34% 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











# Asian (0.6%) Black (46.6%) Other (1.4%) White (50.8%) Unknown (0.6%)

#### Underlying Health Conditions (Deaths)







#### Gender Distribution of Cases





#### Gender Distribution of Deaths





### **Baldwin County - Moderate Spread**

AREA OF CONCERN: Since 3/6/2021, 1% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 6% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021). 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 78 per 100,000 population (n=35; population=44,823)**. The previous 2-week Incidence Rate was 143 (n=64) 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

Total Previous 2-Week Period Current 2-Week Period



Percentage of Total Cases



#### 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 14% (n=5) of the total cases reported during that time county-wide. During this time period, 100% (n=5) of the outbreak-related cases are associated with a congregate care setting. The other **86%** 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=585) of cases reported in Baldwin County have been linked to an outbreak.

### **Bibb County - Substantial Spread**

AREA OF CONCERN: Since 3/6/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 5.2% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021). 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.



The incidence rate of COVID-19 for Bibb County residents from **the Current 2-Week Period was 120 per 100,000 population (n=184; population=153,095)**. The previous 2-week Incidence Rate was 205 (n=314) 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

Total Previous 2-Week Period Current 2-Week Period



1% 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 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 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=873) of cases reported in Bibb County have been linked to an outbreak.

#### **Crawford County - Moderate Spread**

Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 5.1% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Crawford County residents from **the Current 2-week period was 73 per 100,000 population (n=9; population=12,318)**. The previous 2-week Incidence Rate was 40 (n=5) per 100,000 population.



80% increase 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





Percentage of Total Cases



#### 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, 11% (n=68) of cases reported in Crawford County have been linked to an outbreak.

## Hancock County - Minimal Spread

Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 4.6% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Hancock County residents from **the Current 2-week period was 24 per 100,000 population (n=2; population=8,348)**. The previous 2-week Incidence Rate was 248 (n=21) per 100,000 population.

**V90%** 

90% 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total 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=301) of cases reported in Hancock County have been linked to an outbreak.

U% Current 2-week Period Outbreak Related Cases

## **Houston County - Substantial Spread**

Since 3/9/2021, 4% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 5.5% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Houston County residents from the **Current 2-Week Period was 160 per 100,000 population (n=253; population=155,469)**. The previous 2-week Incidence Rate was 210 (n=332) per 100,000 population.



24% 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total Cases



#### 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 5% (n=12) of the total cases reported during that time county-wide. During this time period, 83% (n=10) of the outbreak-related cases are associated with a congregate care setting. The other **95%** 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=510) of cases reported in Houston County have been linked to an outbreak.

## **Jasper County - Substantial Spread**

**AREA OF CONCERN:** Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 6% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021). Confirmed case counts 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.



The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 120 per 100,000 population (n=17; population=14,040)**. The previous 2-week Incidence Rate was 232 (n=33) per 100,000 population.

48% decrease in newly Confirmed COVID-19 Cases amongst Jasper County residents between the **Current and Previous 2-week periods**.

# $\mathbf{E} = \frac{100}{6}$

#### Age Distribution of Cases in Jasper County

Total Previous 2-Week Period Current 2-Week Period





6%

#### 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 6% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **94%** 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, 6% (n=83) of cases reported in Jasper County have been linked to an outbreak.

## **Jones County - Moderate Spread**

Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 3.3% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 80 per 100,000 (n=23; population=28,616)**. The previous 2-week Incidence Rate was 129 (n=37) per 100,000 population.



38% 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





Percentage of Total Cases



#### 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 9% (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 **97%** 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=116) of cases reported in Jones County have been linked to an outbreak.

## **Monroe County - Substantial Spread**

AREA OF CONCERN: Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Monroe County were categorized as COVID-19 Syndrome. 5.2% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021). Confirmed case counts, as well as emergency room visits associated with 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 167 per 100,000 population (n=46; population=27,520)**. The previous 2-week Incidence Rate was 207 (n=57) per 100,000 population.

19% 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



# 0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5

Percentage of Total Cases



#### 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 7% (n=3) of the total cases reported during that time county-wide. During this time period, 100% (n=3) of the outbreak-related cases are associated with a congregate care setting. The other **93%** 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, 11% (n=273) of cases reported in Monroe County have been linked to an outbreak.

## **Peach County - Substantial Spread**

AREA OF CONCERN: Since 3/6/2021, 1% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 4.1% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021). 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.



The incidence rate of COVID-19 for Peach County residents from the **Current 2-Week Period was 102 per 100,000 population (n=28; population=27,297)**. The previous 2-week Incidence Rate was 134 (n=37) per 100,000 population.

24% 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

Total Previous 2-Week Period Current 2-Week Period



Percentage of Total Cases

0%

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=102) of cases reported in Peach County have been linked to an outbreak.

## **Putnam County - Substantial Spread**

AREA OF CONCERN: Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 3.7% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021). Confirmed case counts, as well as emergency room visits associated with COIVD-19, 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.



The incidence rate of COVID-19 for Putnam County residents from the **Current 2-week Period was 154 per 100,000 population (n=34; population=21,809)**. The previous 2-week Incidence Rate was 149 (n=33) per 100,000 population.



3% 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





29% 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 29% (n=10) of the total cases reported during that time county-wide. During this time period, 100% (n=10) of the outbreak-related cases are associated with a congregate care setting. The other **71%** 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 - Moderate Spread**

Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 1.9% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Twiggs County residents from the **Current 2-Week Period was 86 per 100,000 population (n=7; population=8,188)**. The previous 2-week period Incidence Rate was 49 (n=4) per 100,000 population.



75% 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

Total Previous 2-Week Period Current 2-Week Period



14%

#### 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 14% (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 **86%** 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=114) of cases reported in Twiggs County have been linked to an outbreak.

## Washington County - Moderate Spread

Since 3/6/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 3.4% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Washington County residents from the **Current 2-week Period was 54 per 100,000 population (n=11; population=20,386)**. The previous 2-week Incidence Rate was 167 (n=34) per 100,000 population.



68% decrease 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

Total Previous 2-Week Period Current 2-Week Period



65-79



Percentage of Total Cases



#### 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 9% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **91%** 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=283) of cases reported in Washington County have been linked to an outbreak.

## Wilkinson County - Substantial Spread

Since 3/6/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 3.7% of COVID-19 PCR tests were positive during the 14-day period (3/6 - 3/19/2021).



The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period **was 112 per 100,000 population (n=10; population=9,036)**. The previous 2-week Incidence Rate was 246 (n=22) per 100,000 population.



55% 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





Percentage of Total Cases

10% 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 10% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **90%** 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=67) of cases reported in Wilkinson County have been linked to an outbreak.



# North Central Health District COVID-19 Operational Summary

#### March 30, 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.



### **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, current groups eligible for vaccination include:

 Individuals aged 16 years and older with certain medical conditions that increase their risk of severe illness from COVID-19. 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 3/28/2021 at 4 PM.

# 105500

# MODERNA VACCINE DOSES REQUESTED



# **2974** J&J VACCINE DOSES ADMINISTERED

We are currently working through vaccinating eligible groups as quickly as possible. Appointments for vaccination are available through the week of March 29 - April 3, and are quickly 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.

#### **COVID-19 Vaccination District-Level Data**

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

Number Vaccinated



Vaccines Administered

#### 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 3/28/2021 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

13566



58 Specimens Collected Between 3/21/2021-3/28/2021

21-Day Positivity Rate for NCHD COVID-19 Testing **42,708** 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
- <u>Moderate Spread</u>: 51-100 cases per 100,000 county residents
- <u>Minimal Spread</u>: >11-50 cases per 100,000 county residents
- Low Spread: > 0-10 cases per 100,000 county residents
- Insufficient Data: A rate is not calculated for less than 5 cases reported. These counties may likely have low levels of transmission but may be affected by other factors such as levels of COVID-19 testing.

**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 3/28/2021 at 12 PM.

# **CURRENT 2 WEEK PERIOD:** 3/8/21 - 3/21/21

# **PREVIOUS 2 WEEK PERIOD:** 2/22/21 -3/7/21

# **PREVIOUS 7 DAYS**: 3/22/21 - 3/28/21

# **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 3/28/2021 at 12 PM.



Total Number of Confirmed and	
Presumptive Cases	49,254
Median Age (Age Range)	41 (0-107 Years)
Hospitalizations	4198 (8.52%)
Deaths	1291 (2.62%)



The incidence rate of COVID-19 for NCHD residents for the Current 2-Week Period was 97 per 100,000 population (n=521; population=530,945). The previous 2-week period Incidence Rate was 161 per

#### Deaths Median Age (Age Range) **Deaths that were Hospitalized**

74 (17-102 Years) 862 (66.77%)

100,000 population (n=858).

County	Total Confirmed Cases as of 3/28/2021 12PM	Total Presumptive Cases as of 3/28/2021 12PM	Total Presumptive and Confirmed Cases 3/28/2021	Total Presumptive and Confirmed Cases 3/21/2021	Percent Change Between 3/21/2020- 3/28/2021	Total Hospitalizations (Presumptive and Confirmed)	Total Deaths (Presumptive and Confirmed)
Baldwin	3777	620	4397	4363	1%	320	122
Bibb	13068	2225	15293	15233	0%	1737	412
Crawford	517	130	647	637	2%	67	17
Hancock	821	75	896	891	1%	103	60
Houston	9722	4237	13959	13844	1%	840	240
Jasper	660	701	1361	1342	1%	67	38
Jones	1546	398	1944	1943	0%	152	56
Monroe	1825	706	2531	2523	0%	196	98
Peach	1795	733	2528	2508	1%	216	52
Putnam	1736	371	2107	2097	0%	157	52
Twiggs	505	192	697	693	1%	101	42
Washington	1613	372	1985	1980	0%	124	76
Wilkinson	722	187	909	907	0%	118	26
Total	38307	10947	49254	48961	1%	4198	1291

#### Age Distribution of Cases

Total Previous 2-Week Period Current 2-Week Period



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.

**Note -** Data during the reporting period may be incomplete due to the lag in time between when the case was tested and/or reported and submitted to the Georgia DPH for reporting purposes. This delay can vary depending on the testing facility and/or jurisdiction.

#### 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 — Deaths



Date Hospitalizations and Death By Date of Occurrence Past 60 Days

#### - Hospitalizations - Deaths



Date

80% of Hospitalized Cases have been reported as being discharged.
6% of Cases have been identified as Healthcare Workers.
34% 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 (Deaths)







#### Gender Distribution of Cases



#### Gender Distribution of Deaths





### **Baldwin County - Moderate Spread**

Since 3/13/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Baldwin County were categorized as COVID-19 Syndrome. 3.9% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Baldwin County residents from **the Current 2-Week Period was 69 per 100,000 population (n=31; population=44,823)**. The previous 2-week Incidence Rate was 80 (n=36) per 100,000 population.



14% 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

Total Previous 2-Week Period Current 2-Week Period



Percentage of Total Cases



#### 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=587) of cases reported in Baldwin County have been linked to an outbreak. **AREA OF CONCERN:** Since 3/13/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Bibb County were categorized as COVID-19 Syndrome. 5% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021). 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 95 per 100,000 population (n=146; population=153,095)**. The previous 2-week Incidence Rate was 159 (n=244) per 100,000 population.



40% 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





1% 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 1% (n=2) 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 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=877) of cases reported in Bibb County have been linked to an outbreak.
# **Crawford County - Moderate Spread**

**AREA OF CONCERN:** Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Crawford County were categorized as COVID-19 Syndrome. 8.8% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021). Confirmed case counts, as well as emergency room visits associated with COVID-19, have increased amongst Crawford 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 Crawford County residents from **the** Current 2-week period was 81 per 100,000 population (n=10; **population=12,318)**. The previous 2-week Incidence Rate was 81 (n=10) per 100,000 population.



0% 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





Percentage of Total Cases



#### **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, 11% (n=69) of cases reported in Crawford County have been linked to an outbreak.

# Hancock County - Moderate Spread

Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Hancock County were categorized as COVID-19 Syndrome. 5.6% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Hancock County residents from **the Current 2-week period was 59 per 100,000 population (n=5; population=8,348)**. The previous 2-week Incidence Rate was 106 (n=9) per 100,000 population.



44% 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

Total Previous 2-Week Period Current 2-Week Period



**Current 2-week** 

**Period Outbreak** 

**Related Cases** 

ou and older		l I		I	I I	I I		l	I		l	l I	I
	0	5	10	15	20	25	30	35	40	45	50	55	60

Percentage of Total 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=304) of cases reported in Hancock County have been linked to an outbreak.

# **Houston County - Substantial Spread**

AREA OF CONCERN: Since 3/13/2021, 3% of Emergency Department Visits captured in syndromic surveillance for residents of Houston County were categorized as COVID-19 Syndrome. 5.9% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021). Confirmed case counts 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.



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 206 (n=325) per 100,000 population.



40% 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total Cases



#### 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=515) of cases reported in Houston County have been linked to an outbreak.

# **Jasper County - Substantial Spread**

Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jasper County were categorized as COVID-19 Syndrome. 5.7% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Jasper County residents from the **Current 2-Week Period was 113 per 100,000 population (n=16; population=14,040)**. The previous 2-week Incidence Rate was 148 (n=21) per 100,000 population.



24% 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





Percentage of Total Cases



65-79

#### 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=95) of cases reported in Jasper County have been linked to an outbreak.

# **Jones County - Minimal Spread**

Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Jones County were categorized as COVID-19 Syndrome. 1.6% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Jones County residents from the **Current 2-Week Period was 31 per 100,000 (n=9; population=28,616)**. The previous 2-week Incidence Rate was 122 (n=35) per 100,000 population.



74% 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 5 10 15 20 25 30 35 40 45 Percentage of Total Cases

#### 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=119) of cases reported in Jones County have been linked to an outbreak.

# **Monroe County - Substantial Spread**

Since 3/13/2021, 0% 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 (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Monroe County residents from the **Current 2-Week Period was 160 per 100,000 population (n=44; population=27,520)**. The previous 2-week Incidence Rate was 203 (n=56) per 100,000 population.



21% 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



# 0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5

Percentage of Total Cases



#### 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, 11% (n=274) of cases reported in Monroe County have been linked to an outbreak.

# **Peach County - Substantial Spread**

Since 3/13/2021, 2% of Emergency Department Visits captured in syndromic surveillance for residents of Peach County were categorized as COVID-19 Syndrome. 3.1% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Peach County residents from the **Current 2-Week Period was 116 per 100,000 population (n=32; population=27,297)**. The previous 2-week Incidence Rate was 131 (n=36) per 100,000 population.



0%

**Current 2-week** 

**Period Outbreak** 

**Related Cases** 

11% 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

Total Previous 2-Week Period Current 2-Week Period



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=104) of cases reported in Peach County have been linked to an outbreak.

# **Putnam County - Moderate Spread**

Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Putnam County were categorized as COVID-19 Syndrome. 4.4% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Putnam County residents from the Current 2-week Period was 72 per 100,000 population (n=16; population=21,809). The previous 2-week Incidence Rate was 131 (n=29) per 100,000 population.

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

# **4**5%

## Age Distribution of Cases in Putnam County

Total Previous 2-Week Period Current 2-Week Period



13%**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 13% (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 87% 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 - Minimal Spread**

Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Twiggs County were categorized as COVID-19 Syndrome. 1% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Twiggs County residents from the **Current 2-Week Period was 25 per 100,000 population (n=2; population=8,188)**. The previous 2-week period Incidence Rate was 135 (n=11) per 100,000 population.



82% decrease 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

Total Previous 2-Week Period Current 2-Week Period



50%

Period Outbreak Related Cases The cases reported in Twiggs County from the Current 2-Week Period associated with an outbreak account for 50% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **50%** 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=117) of cases reported in Twiggs County have been linked to an outbreak.

# Washington County - Moderate Spread

Since 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Washington County were categorized as COVID-19 Syndrome. 4.4% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Washington County residents from the **Current 2-week Period was 44 per 100,000 population (n=9; population=20,386)**. The previous 2-week Incidence Rate was 123 (n=25) per 100,000 population.



64% decrease 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

Total Previous 2-Week Period Current 2-Week Period





Percentage of Total Cases



#### 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 3/13/2021, 0% of Emergency Department Visits captured in syndromic surveillance for residents of Wilkinson County were categorized as COVID-19 Syndrome. 5.3% of COVID-19 PCR tests were positive during the 14-day period (3/13 - 3/26/2021).



The incidence rate of COVID-19 for Wilkinson County residents from the Current 2-Week Period **was 56 per 100,000 population (n=5; population=9,036)**. The previous 2-week Incidence Rate was 235 (n=21) per 100,000 population.



76% 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





Percentage of Total Cases

20% 20% 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 20% (n=1) of the total cases reported during that time county-wide. During this time period, 100% (n=1) of the outbreak-related cases are associated with a congregate care setting. The other **80%** 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=66) of cases reported in Wilkinson County have been linked to an outbreak.