COUNTY HEALTH DEPARTMENTS are subject to chang

COVID-19 District Overview, data as of 1pm December 9, 2021

The COVID-19 pandemic is an emerging and dynamic situation; therefore, our data and recommendations are subject to change. This report provides a snapshot of COVID-19 illnesses, test positivity rates, vaccinations, and outbreaks, in response to the COVID-19 pandemic. The purpose of this report is to provide situational awareness to our district partners and community members. For more information on the data used in this report, how each variable is defined, and the limitations of this data, please click on this <u>link</u>.

For maps with zip code level case rates check out our COVID-19 Dashboard by clicking on the image below!

in the second se		All				COVID	-19 Cases & De	aths*	
Woodstock w Roswell	Johns Greek	the second	Winder			Confirmed Cases		Total Cases†	Total Deaths [†] (%)
and in the	E.S	Lewrencoville	1	A	Gwinnett	114,344	22,119	136,463	1,531 (1.1%)
Sandy Sprin	Idliburn	- the share			Newton	11,481	5,222	16,703	367 (2.2%)
	the second second	Shellville		Watkir	Rockdale	9,206	2,519	11,725	250 (2.1%)
	1 and a start		Monroe		Total	135,031	29,860	164,891	2,148 (1.3%)
Atlanta			1		Illn	ess Charact	eristics* [†] N=164	4,891 n=	2,148
	Stonecrest	3	X				Among all Case	es Amo	ng Deaths
Forest Par	* En	Covingt	2	N	Gender				
	Stockbridge	Covingt	5		E F	Female	88,274 (53.5%)	1,01	L2 (47.1%)
	Stockbridge	the second	-nd		L I	Male	75,698 (45.9%)	1,13	36 (52.9%)
Fayetteville	McDonough		Sha	ady Dale	Median Ag (years)	<u>je</u>	37		73
Total Positivity	Georgia	Gwinnett	Newton	Rockdale	Age range (years)		0-107	(0 – 102
Total Tests [†]	17,308,740	1,484,940	172,438	135,480	Total Hosp	oitalizations	9,328 (5.7%)	1,62	25 (75.7%)
Total Positive [†]	1,657,078 (9.6%)	150,329 (10.1%)	18,311 (10.6%)	13,278 (9.8%)	Total with Conditions	Underlying	22,227 (49.0%)*	* 1,161	1 (95.7%)**
Seven Day***	8,239 (4.6%)	884 (5.3%)	103 (4.2%)	80 (4.9%)	Underlying unknown	g Conditions	119,562		935

Total Cases & Deaths by Race* + N = 164,891; Total Deaths n=2,148

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	9,166	5.56%	149	6.94%	White	58,759	35.64%	1,188	55.31%
Hispanic/Latino	114	0.07%	<5	0.05%	Hispanic/Latino	14,123	8.57%	153	7.12%
Non-Hispanic/Latino	7,362	4.46%	148	6.89%	Non-Hispanic/ Latino	40,710	24.69%	1,032	48.04%
Not Specified	1,690	1.02%	0	0%	Not Specified	3,926	2.38%	<5	0.14%
Black	42,719	25.91%	647	30.12%	Other	20,259	12.29%	153	7.12%
Hispanic/Latino	1,087	0.66%	5	0.23%	Hispanic/Latino	8,174	4.96%	139	6.47%
Non-Hispanic/Latino	38,315	23.24%	641	29.84%	Non-Hispanic/ Latino	2,405	1.46%	14	0.65%
Not Specified	3,317	2.01%	<5	0.05%	Not Specified	9,680	5.87%	0	0.00%
Native Hawaiian/Pacific Islander	215	0.13%	<5	0.19%	Unknown	33,511	20.32%	5	0.23%
Hispanic/Latino	71	0.04%	<5	0.09%	Hispanic/Latino	7,150	4.34%	<5	0.14%
Non-Hispanic/Latino	115	0.07%	<5	0.09%	Non-Hispanic/ Latino	2,101	1.27%	0	0%
Not Specified	29	0.02%	0	0%	Not Specified	24,260	14.71%	<5	0.09%
American Indian/Alaskan Native	262	0.16%	<5	0.09%	*Data Source: GA DPH, State Electro **Among patients with underlying c	conditions information av	vailable		
Hispanic/Latino	94	0.06%	0	0%	***7-day positivity data represents the previous 7-day period. 12/2/20		ve PCR test resu	ts in the district, b	by county, for
Non-Hispanic/Latino	111	0.07%	<5	0.09%	* Represents total confirmed and probable cases				
Not Specified	57	0.03%	0	0%	Note: All data is provisional as data	reporting, investigation,	cleaning, and va	lidating is ongoing	g.

Due to the increasing availability of antigen testing, effective 9/1/2020, we will begin reporting antigen positives in addition to PCR positive patients. Patients testing positive with an antigen test are considered presumptive cases and warrant Public Health investigation and control measures, but are not included in confirmed case counts. The remainder of data reported in this report will include total cases which encompasses confirmed and presumptive.



COVID-19 District Overview, data as of 1pm December 9, 2021

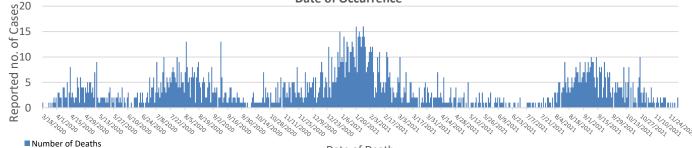
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation in the district.

Per Gwinnett, Newton, and Rockdale County Health Departments reporting policy only COVID-19 cases with laboratory evidence of recent infection that reside within the three counties that make up the district are displayed here. According to the Centers for Disease Control and Prevention the case definition of COVID-19 case with laboratory evidence of recent infection does not include serology (i.e. antibody tests). These tests are reportable, but because they are not included in the case definition for a COVID-19 case with laboratory evidence of recent infection, are not displayed here.

1950 1800 of Cases 1650 1500 1350 1200 Reported no. 1050 900 750 600 450 300 150 С °~?9 3/13 3/25 2027 2027 ?020 2020 205 203 205 05 05 ζς, *Blue Shaded area represents 14-Day Probable Cases Confirmed Cases Date of Symptom Onset** window of uncertainty 7-day Moving Average Reported Hospitalizations of COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence⁺ 60 Reported no. of Cases 0 07 05 05 128/2021 2/11/2021 2/25/2022 12/31/24/26 120202021 2027 'ozo 020 205 Hospitalization Date Number of Hospitalizations 7 day moving average

Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 12/9/2021[†]

Reported Deaths among COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



Date of Death 14-day window of uncertainty – Cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test result that may still be pending. *For individuals missing symptom onset date, date of first positive specimen collection was used, if both symptom onset and date of first specimen collection are both missing date reported to Public Health Was used

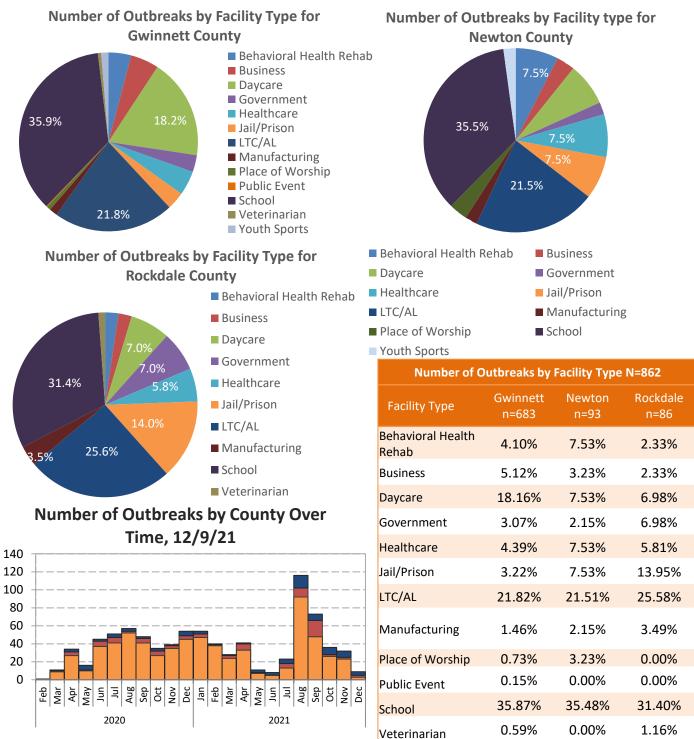
Represents total confirmed and presumptive cases

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing

Epidemiology Overview of Outbreaks

COVID-19 Snapshot, data as 1pm December 9, 2021

All three counties within the districts are experiencing outbreaks of COVID-19. The information below is intended to provide information on where outbreaks are occurring within the district by county. Totals represent data collected since March 19, 2020.



Youth Sports

■ Gwinnett ■ Newton ■ Rockdale

of Reported Outbreaks

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing; † Represents total confirmed and presumptive cases



0.00%

1.32%

2.15%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

Data as of 1pm December 9, 2021



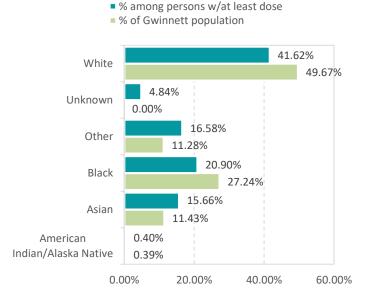


Epidemiology Overview of COVID-19 Vaccinations

% of Gwinnett residents with at least one dose compared with % of Gwinnett population Data as of 1pm December 9, 2021

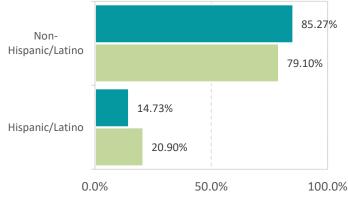
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue bar represents the % of Gwinnett residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Gwinnett residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the blue bar below would be 20%. For the green bar, if there are 100 residents in Gwinnett and 30 of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

> % of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by ethnicity

• % among persons w/at least dose • % of Gwinnett population



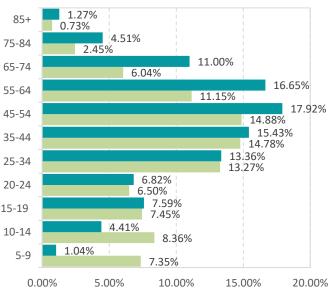
Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard



548,092 (59.9%) Residents have received at least one dose. 500,597 (54.7%) Residents are fully vaccinated.

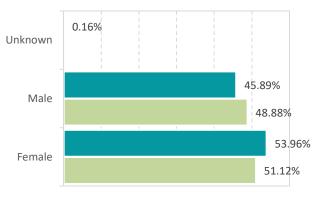
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group

% among persons w/at least dose



% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by sex

% among persons w/at least dose % of Gwinnett population



0.0% 10.0% 20.0% 30.0% 40.0% 50.0% 60.0%

Epidemiology Overview for COVID-19 Vaccinations

Gwinnett Residents, data as of 1pm December 9, 2021

The data on this page represents the percentage of Gwinnett residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Gwinnett that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the blue bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.

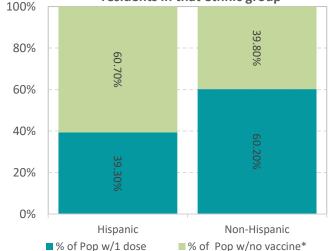
at least 1 dose by race out of all residents in that racial group 100% 0.70 16 .80% 90% 37.70% 80% 49.10% 53.40% 70% 60% 50% 40% 30% 20% 10% 0% Black Other White American Asian Indian or Alaska Native

% of Gwinnett residents who have received

■ % of Pop w/at least 1 dose

■% of Pop w/no vaccine*

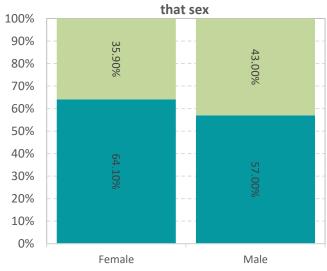
% of Gwinnett residents who have received at least 1 dose by ethnicity out of all residents in that ethnic group



% of Gwinnett residents who have received at least 1 dose by age group out of all residents in that age group



% of Gwinnett residents who have received at least 1 dose by sex out of all residents in



% of Pop w/no vaccine*

% of Pop w/1 dose

*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not repot into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

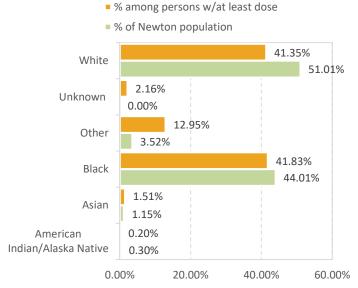


Epidemiology Overview of COVID-19 Vaccinations

% of Newton residents with at least one dose compared with % of Newton population Data as of 1pm December 9, 2021

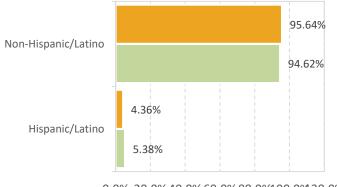
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar represents the % of Newton residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Newton residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the yellow bar below would be 20%. For the green bar, if there are 100 residents in Newton 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

% Newton residents with at least 1 dose compared with % of Newton Pop by race



% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity

% among persons w/at least dose
% of Newton population

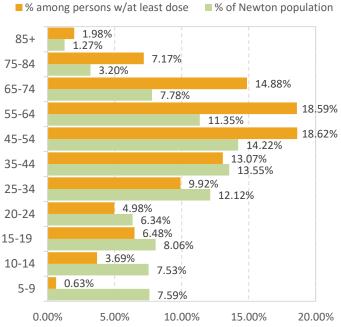


0.0% 20.0% 40.0% 60.0% 80.0% 100.0% 20.0%

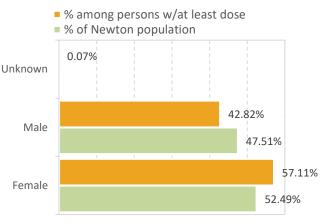


50,578 (46.8%) Residents have received at least one dose. 45,838 (42.4%) Residents are fully vaccinated.

% Newton residents with at least 1 dose compared with % of Newton Pop by age group



% of Newton resident with at least 1 dose compared with % of Newton Pop by sex



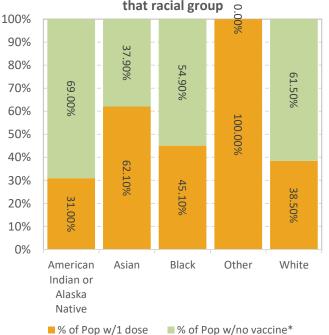
 $0.0\% \ 10.0\% \ 20.0\% \ 30.0\% \ 40.0\% \ 50.0\% \ 60.0\%$

Epidemiology Overview for COVID-19 Vaccinations

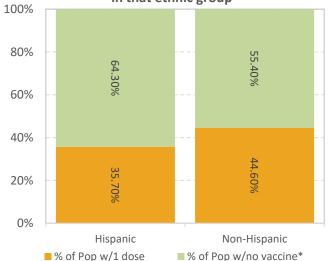
Newton Residents, data as of 1pm December 9, 2021

The data on this page represents the percentage of Newton residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Newton that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the yellow bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.

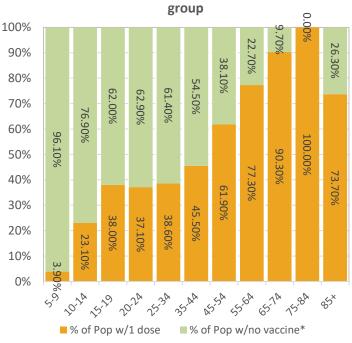
% Newton residents who have received at least 1 dose by race out of all residents in that racial group \circ



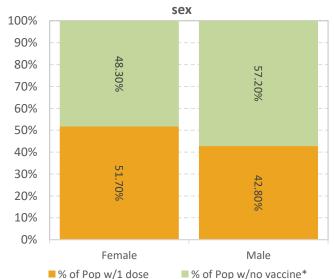
% Newton residents who have received at least 1 dose by ethnicity out of all residents in that ethnic group



% Newton residents who have received at least 1 dose by age group out of all residents in that age



% Newton residents who have received at least 1 dose by sex out of all residents in that



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not repot into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard



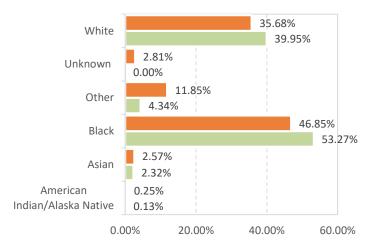
Epidemiology Overview of COVID-19 Vaccinations

% of Rockdale residents with at least one dose compared with % of Rockdale population Data as of 1pm December 9, 2021

The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange bar represents the % of Rockdale residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Rockdale residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the orange bar below would be 20%. For the green bar, if there are 100 residents in Rockdale 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

> % of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race

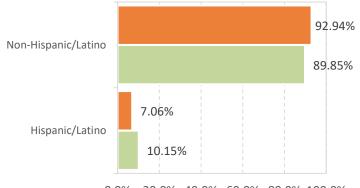
- % among persons w/at least dose
- % of Rockdale population by Race



% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by ethnicity

% among persons w/at least dose

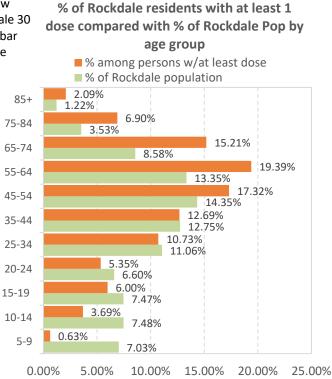
% of Rockdale population



20.0% 40.0% 60.0% 80.0% 100.0% 0.0% Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

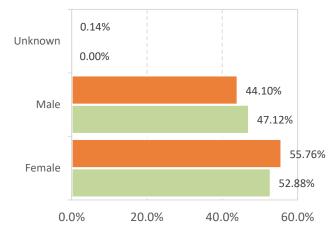


49,279 (54.9%) Residents have received at least one dose. 44.806 (49.9%) Residents are fully vaccinated.



% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by sex

% among persons w/at least dose % of Rockdale population



Epidemiology Overview for COVID-19 Vaccinations

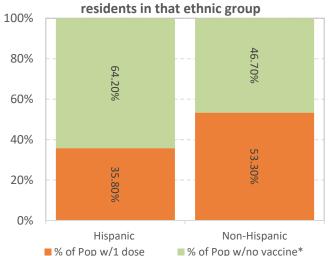
Rockdale Residents, data as of 1pm December 9, 2021

The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the orange below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.

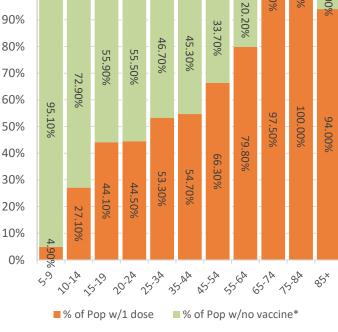
100%

% of Rockdale residents who have received at least 1 dose by race out of all residents in that racial group 2 ō 100% 90% 38.60% 80% 51.30% 50.60% 70% 60% 100.00% 50% 40% 61.40% 30% 48.70% 49.40% 20% 10% 0% American Asian Black Other White Indian or Alaska Native

> ■ % of Pop w/1 dose % of Pop w/no vaccine*



% of Rockdale residents who have received at least 1 dose by ethnicity out of all

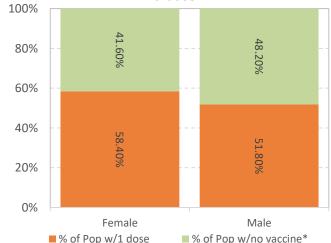


% of Rockdale residents who have received at

least 1 dose by age group out of all residents in

that age group

% of Rockdale residents who have received at least 1 dose by sex out of all residents in that sex



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not repot into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard



8

Epidemiology Overview of COVID-19 Cases in the District by County of Residence

Data as of 1pm December 9, 2021





Epidemiology Overview of Gwinnett County

COVID-19 County Overview, data as of 1pm December 9, 2021



Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

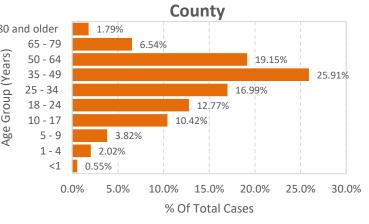
In Gwinnett County there has been a 0.7% increase in newly confirmed COVID-19 Cases between the 2 weeks of **11/25/2021 – 12/2/2021 (N=135,459) to 12/2/2021 – 12/9/2021 (N=136,463).**

COVID-19 Cases & Deaths*									
	Confirmed Cases		Total Cases†	Total Deaths [†] (%)					
Outbreak	4,310	811	5,121	273 (5.3%)					
Total	114,344	22,119	136,463	1,531 (1.1%)					
Illness Characteristics ^{*†} N=136,463; n=1,531									
		Among all	Cases	Among Deaths					
Gender									
	Female Male	72,376 (5 63,288 (4	•	706 (46.1%) 825 (53.9%)					
Median Aន្ទ (years)	ge	37		73					
Age range (years)		0 - 10)7	0 - 102					
Total Hosp	oitalizations	6,545 (4	.8%)	1,187 (77.5%)					
Total with Conditions	Underlying	17,458 (47	.0%)**	793 (95.2%)**					
Underlyinរួ unknown	g Conditions	99,34	1	698					

Race Distribution of Cases in Gwinnett County

- Asian
- Black
- Native Hawaiian/Pacific Islander
- American Indian/Alaskan Native
- White
- Other
- Unknown

Age Distribution of Cases in Gwinnett



Total Cases & Deaths by Race* + N = 136,463; Total Deaths n=1,531

Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
8,874	6.50%	142	9.27%	White	48,956	35.87%	848	55.39%
108	0.08%	<5	0.07%	Hispanic/Latino	13,134	9.62%	140	9.14%
7,106	5.21%	141	9.21%	Non-Hispanic/Latino	32,533	23.84%	705	46.05%
1,660	1.22%	0	0%	Not Specified	3,289	2.41%	<5	0.20%
29,246	21.43%	387	25.28%	Other	19,053	13.96%	145	9.47%
866	0.63%	5	0.33%	Hispanic/Latino	7,655	5.61%	132	8.62%
25,984	19.04%	381	24.89%	Non-Hispanic/Latino	2,051	1.50%	13	0.85%
2,396	1.76%	<5	0.07%	Not Specified	9,347	6.85%	0	0%
193	0.14%	<5	0.26%	Unknown	29,909	21.92%	5	0.33%
69	0.05%	<5	0.13%	Hispanic/Latino	6,716	4.92%	<5	0.20%
97	0.07%	<5	0.13%	Non-Hispanic/Latino	1,794	1.31%	0	0%
27	0.02%	0	0%	Not Specified	21,399	15.68%	<5	0.13%
232	0.17%	0	0%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
92	0.07%	0	0%	Note: All data is provisional as data reporting, investigation, cleaning, and				
91	0.07%	0	0%	validating is ongoing.				
49	0.04%	0	0%	Represents total confi	irmed and probabl	e cases		
	8,874 108 7,106 1,660 29,246 866 25,984 2,396 193 69 97 27 232 92 91	8,874 6.50% 108 0.08% 7,106 5.21% 1,660 1.22% 29,246 21.43% 866 0.63% 25,984 19.04% 2,396 1.76% 193 0.14% 69 0.05% 97 0.07% 27 0.02% 232 0.17% 92 0.07% 91 0.07%	8,874 6.50% 142 108 0.08% <5	8,874 6.50% 142 9.27% 108 0.08% <5	8,874 6.50% 142 9.27% White 108 0.08% <5	8,874 6.50% 142 9.27% White 48,956 108 0.08% <5	8,874 6.50% 142 9.27% White 48,956 35.87% 108 0.08% <5	8,874 6.50% 142 9.27% White 48,956 35.87% 848 108 0.08% <5

Confirmed cases are those tested using Molecular Tests (i.e. PCR). Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview of Newton County

COVID-19 County Overview, data as of 1pm December 9, 2021



Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

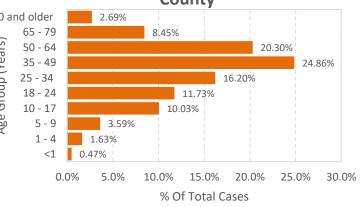
In Newton County there has been a 0.7% increase in newly confirmed COVID-19 Cases between the 2 weeks of **11/25/2021 – 12/2/2021 (N=16,581) to 12/2/2021 – 12/9/2021 (N=16,703).**

COVID-19 Cases & Deaths*									
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths [†] (%)					
Outbreak	606	181	787	84 (10.7%)					
Total	11,481	5,222	16,703	367 (2.2%)					
Illness Characteristics ^{*†} N=16,703; n=367									
		Among all	Cases	Among Deaths	8				
Gender									
	Female Male		5.6%) 1.0%)	178 (48.5%) 189 (51.5%)					
Median Age (years)	5	38		71					
Age range (years)		0 - 10)2	21 - 100					
Total Hospi	talizations	1,308 (7	.8%)	235 (64.0%)					
Total with U Conditions	Underlying	2,478 (55.	3%)**	183 (96.8%)**					
Underlying unknown	Conditions	12,220		178					

Race Distribution of Cases in Newton County

- Asian
 - Black
 - Native Hawaiian/Pacific Islander
- American Indian/Alaskan Native
- White
- Other
- Unknown

Age Distribution of Cases in Newton County



Total Cases & Deaths by Race* + N = 16,703; Total Deaths n=367

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	166	0.99%	<5	0.82%	White	6,733	40.31%	212	57.77%
Hispanic/Latino	5	0.03%	0	0%	Hispanic/Latino	479	2.87%	6	1.63%
Non-Hispanic/Latino	145	0.87%	<5	0.82%	Non-Hispanic/Latino	5,817	34.83%	206	56.13%
Not Specified	16	0.10%	0	0%	Not Specified	437	2.62%	0	0%
Black	7,144	42.77%	147	40.05%	Other	556	3.33%	<5	1.09%
Hispanic/Latino	107	0.64%	0	0%	Hispanic/Latino	184	1.10%	<5	0.82%
Non-Hispanic/Latino	6,566	39.31%	147	40.05%	Non-Hispanic/Latino	208	1.25%	<5	0.27%
Not Specified	471	2.82%	0	0%	Not Specified	164	0.98%	0	0%
Native Hawaiian/Pacific Islander	11	0.07%	0	0.00%	Unknown	2,076	12.43%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	200	1.20%	0	0%
Non-Hispanic/Latino	9	0.05%	0	0.00%	Non-Hispanic/Latino	173	1.04%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,703	10.20%	0	0%
American Indian/Alaskan Native	17	0.10%	<5	0.27%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available				
Hispanic/Latino	0	0%	0	0%	Note: All data is provision	al as data reportir	ng, investigat	tion, cleaning	, and
Non-Hispanic/Latino	11	0.07%	<5	0.27%	validating is ongoing.				
Not Specified	6	0.04%	0	0%	Represents total confirmed and the second	med and probable	cases		

Confirmed cases are those tested using Molecular Tests (i.e. PCR). Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview of Rockdale County

COVID-19 County Overview, data as of 1pm December 9, 2021



Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

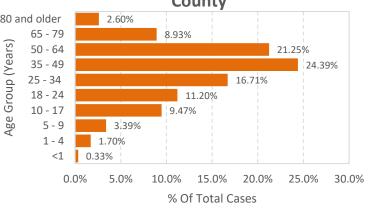
In Rockdale County there has been a 0.7% increase in newly confirmed COVID-19 Cases between the 2 weeks of **11/25/2021 – 12/2/2021 (N=11,646) to 12/2/2021 – 12/9/2021 (N=11,725).**

	COVI	D-19 Cases &	& Deaths	*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths [†] (%)				
Outbreak	459	108	567	50 (8.8%)				
Total	9,206	2,519	11,725	250 (2.1%)				
Illness Characteristics ^{*†} N=11,725; n=250								
		Among all	Cases	Among Deaths				
Gender								
	Female Male	6,606 (56 5,068 (43		128 (51.2%) 122 (48.8%)				
Median A _ễ (years)	ge	39		73				
Age range (years)		0-10	0	27 – 100				
Total Hosp	oitalizations	1,475 (12	.6%)	203 (81.2%)				
Total with Conditions	Underlying	2,291 (61.5	5%)**	185 (96.9%)**				
Underlyinរូ unknown	g Conditions	8,001		59				

Race Distribution of Cases in Rockdale County

- Asian
- Black
- Native Hawaiian/Pacific Islander
- American Indian/Alaskan Native
- White
- Other
- Unknown

Age Distribution of Cases in Rockdale County



Total Cases & Deaths by Race* + N=11,725; Total Deaths n=250

Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
126	1.07%	<5	1.60%	White	3,070	26.18%	128	51.20%
<5	0.01%	0	0%	Hispanic/Latino	510	4.35%	7	2.80%
111	0.95%	<5	1.60%	Non-Hispanic/Latino	2,360	20.13%	121	48.40%
14	0.12%	0	0%	Not Specified	200	1.71%	0	0%
6,329	53.98%	113	45.20%	Other	650	5.54%	<5	1.60%
114	0.97%	0	0%	Hispanic/Latino	335	2.86%	<5	1.60%
5,765	49.17%	113	45.20%	Non-Hispanic/Latino	146	1.25%	0	0.00%
450	3.84%	0	0%	Not Specified	169	1.44%	0	0%
11	0.09%	0	0%	Unknown	1,526	13.01%	0	0%
<5	0.01%	0	0%	Hispanic/Latino	234	2.00%	0	0%
9	0.08%	0	0%	Non-Hispanic/Latino	134	1.14%	0	0%
<5	0.01%	0	0%	Not Specified	1,158	9.88%	0	0%
13	0.11%	<5	0.40%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
<5	0.02%	0	0%	Note: All data is provisional as data reporting, investigation, cleaning, and				, and
9	0.08%	<5	0.40%	validating is ongoing.				
<5	0.02%	0	0%	Represents total confirm	ned and probable	cases		
	126 <5 111 14 6,329 114 5,765 450 11 <5 9 <5 9 <5	126 1.07% <5	126 1.07% <5 <5	126 1.07% <5 1.60% <5	126 1.07% <5 1.60% White <5	126 1.07% <5 1.60% White 3,070 <5	126 1.07% <5 1.60% White 3,070 26.18% <5	126 1.07% <5 1.60% White 3,070 26.18% 128 <5

Confirmed cases are those tested using Molecular Tests (i.e. PCR). Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview of COVID-19 Cases among Vaccinated Residents

Data as of 8am December 9, 2021







Not

Vaccinated

637 (86.7%)

69,007 (90.4%) 76,352

Deaths

23 (51.1%)

22 (48.9%)

78

42-98

153

17-252

12

30 (66.7%)

Deaths

Total

735

COVID-19 Cases & Deaths

Partially

Vaccinated

1,019(1.3%)

53 (7.2%)

Cases

3,673 (58.1%)

2,653 (41.9%)

47

12-101

148

14-346

239

185 (2.9%)

Cases

Illness Characteristics N=1,019 n=53

Illness Characteristics N=6,326 n=45

Fully

Vaccinated

6,326 (8.3%)

45 (6.1%)

Cases

Deaths

Gender

(years) Age range

(years)

Median Age

Fully Vaccinated

dose and test date

dose and test date

Outbreak related

Hospitalizations

Partially Vaccinated

Female

Median of days between last

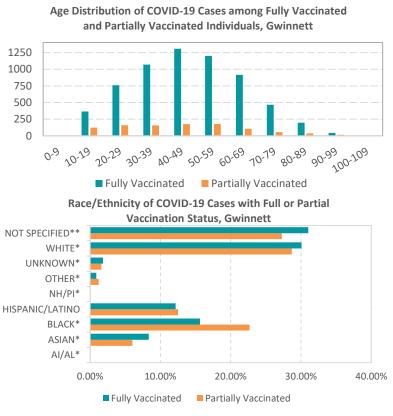
Range of days between last

Male

COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am December 9, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report fully vaccinated is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination series at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. Partially vaccinated is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received both doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. Not vaccinated indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



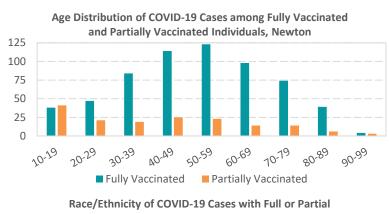
0.00%	10.00%	20.00%	30.00%	40.00%	Gender			
	Fully Vaccinated	Partially Vac	ccinated		Female Male	575 (56.4%) 444 (43.6%)	24 (45.3%) 29 (54.7%)	
	Fully Vaccinated	Partially Vaccinated	Fully Vaccinated	Partially Vaccinated	Median Age (years)	43	79	
Race	Cases	Cases	Deaths	Deaths	Age range	5-96	33-95	
American Indian/Alaskan Native	13 (0.2%)	<5 (0.3%)	0 (0%)	0 (0%)	(years)	5 50	55 55	
Asian	633 (10.0%)	71 (7.0%)	<5 (8.9%)	9 (17.0%)	Median of days between last dose and test date	16	15	
Black	1,145 (18.1%)	263 (25.8%)	9 (20.0%)	6 (11.3%)	dose and test date			
Native Hawaiian/Pacific Islander	7 (0.1%)	<5 (0.1%)	0 (0%)	0 (0%)	Range of days between last dose and test date	0-313	2-203	
Other	366 (5.8%)	63 (6.2%)	<5 (2.2%)	<5 (1.9%)				
Unknown	1,733 (27.4%)	239 (23.5%)	0 (0%)	0 (0%)	Outbreak related	51	6	
White	2,429 (38.4%)	379 (37.2%)	31 (68.9%)	37 (69.8%)	Hospitalizations	83 (8.2%)	41 (77.4%)	
	Fully	Partially	Fully	Partially			(,	
	Vaccinated	Vaccinated	Vaccinated	Vaccinated	Hispanic Ethnicity on the Race/Ethnicity of	COVID-19 Cases with Ful	l or Partial	
Ethnicity	Cases	Cases	Deaths	Deaths	vaccination Status indicates all races who is	dentify as Hispanic/Lating	o Ethnicity.	
Hispanic/Latino	772 (12.2%)	127 (12.5%)	<5 (6.7%)	<5 (3.8%)	*Races with non-Hispanic Ethnicity			
Non-Hispanic/Latino	3,586 (56.7%)	615 (60.4%)	42 (93.3%)	51 (96.2%)	**All races with not specified ethnicity NH/PI = Native Hawaiian/Pacific Islander			
Not Specified		277 (27.2%)	0 (0%)	0 (0%)	AI/AL = American Indian/Alaskan Native			
Source for data provided above	GA DPH State Electronic	Disease Surveillance	System: Note: All da	ta is provisional as da	ta reporting investigation cleaning and valid	ation are ongoing		

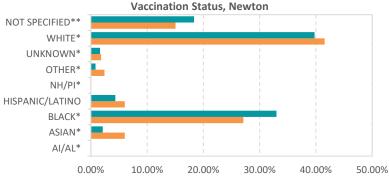


COVID-19 Cases among Vaccinated Newton Residents, data as of 8am December 9, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination series at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received both doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.





Fully Vaccinated Partially Vaccinated

	,	1			
Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths	N () A
American Indian/Alaskan Native	0 (0%)	0 (0%)	0 (0%)	0 (0%)	() N
Asian	15 (2.4%)	10 (6.0%)	0 (0%)	<5 (11.1%)	d
Black	225 (36.2%)	51 (30.7%)	5 (45.5%)	5 (55.6%)	u
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)	R d
Other	9 (1.5%)	9 (5.4%)	0 (0%)	0 (0%)	
Unknown	93 (15.0%)	19 (11.5%)	0 (0%)	0 (0%)	0
White	279 (44.9%)	77 (46.4%)	6 (54.6%)	<5 (33.3%)	н
	Fully	Partially	Fully	Partially	⊢
	Vaccinated	Vaccinated	Vaccinated	Vaccinated	
Ethnicity	Cases	Cases	Deaths	Deaths	
Hispanic/Latino	27 (4.4%)	10 (6.0%)	0 (0%)	0 (0%)	
Non-Hispanic/Latino	480 (77.3%)	131 (78.9%)	11 (100.0%)	9 (100.0%)	
Not Specified	114 (18.4%)	25 (15.1%)	0 (0%)	0 (0%)	

COVID-19 Cases & Deaths										
	Fully Vaccinated	Partially Vaccinated		lot nated	Total					
Cases	621 (5.9%)	166 (1.6%)	9,648	(92.5%)	10,435					
Deaths	11 (6.3%)	9 (5.1%)	155 (8		175					
		haracteristics	N=621							
	accinated	Ca	ases	Dea	aths					
Gender			60.00()	= / 6						
	Female Male		63.3%) 36.7%)	•	3.6%) 6.4%)					
Median . <i>(years)</i>	Age		51	7	'1					
Age rang (years)	ge	12	2-93	37	-90					
	of days betwee d test date	en last 1	.36	12	23					
0	f days betweer d test date	n last 15	-303	31-	223					
Outbrea	k related		24	<	:5					
Hospital	izations	60 (9.7%)	10 (9	0.9%)					
	Illness C	haracteristics	s N=166	n= 9						
Partially	Vaccinated	Cas	es	Deat	ths					
Gender										
	Female Male	98 (59 68 (41		5 (55. <5 (44						
Median A (years)	-	40)	76	i					
Age rang (years)	e	10-	94	56-9	93					
	of days betwee I test date	en last 12	2	11						
-	days between I test date	last 0-2	51	1-15	53					
Outbreak	<pre>c related</pre>	10)	<5						
Hospitali	zations	26 (15	5.1%)	7 (77.	8%)					

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity. *Races with non-Hispanic Ethnicity *All races with not specified ethnicity

NH/PI = Native Hawaiian/Pacific Islander

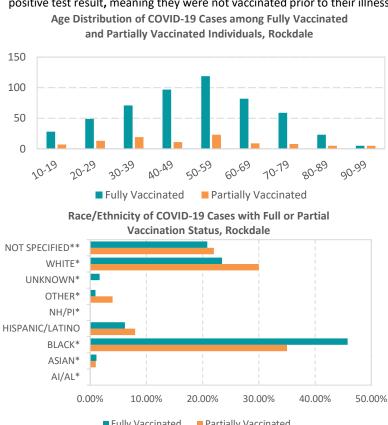
NOT Specified 114 (18.4%) 25 (15.1%) U (U%) U (U%) Al/AL = American Indian/Alaskan Native Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing



COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am December 9, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination series at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received both doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



	Fully vaccinated		ccinated		
	Fully Vaccinated	Partially Vaccinated	Fully Vaccinated	Partially Vaccinated	Median (years)
Race	Cases	Cases	Deaths	Deaths	Age ran
American Indian/Alaskan	0 (0%)	0 (0%)	0 (0%)	0 (0%)	(years)
Native	C (1 10()	-= (1 00()	0 (00()	- (7 70()	Median
Asian	6 (1.1%)	<5 (1.0%)	0 (0%)	<5 (7.7%)	dose an
Black	270 (50.7%)	42 (42.0%)	6 (40.0%)	6 (46.2%)	
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)	Range o dose an
Other	20 (3.8%)	9 (9.0%)	0 (0%)	0(0%)	uose un
Unknown	86 (16.1%)	14 (14.0%)	0 (0%)	0 (0%)	Outbrea
White	151 (28.3%)	34 (34.0%)	9 (60.0%)	6 (46.2%)	Hospita
	Fully	Partially	Fully	Partially	· ·
	Vaccinated	Vaccinated	Vaccinated	Vaccinated	Hispanic E
Ethnicity	Cases	Cases	Deaths	Deaths	vaccinatio
Hispanic/Latino	33 (6.2%)	8 (8.0%)	<5 (6.7%)	0 (0%)	*Races wi **All race
Non-Hispanic/Latino	389 (73.0%)	70 (70.0%)	14 (93.3%)	13 (100.0%)	NH/PI = N
Not Specified	111 (20.8%)	22 (22.0%)	0 (0%)	0 (0%)	AI/AL = Ai
1					

COVID-19 Cases & Deaths					
	Fully Vaccinated	Partially Vaccinated	Not Vaccina		
Cases	533 (7.2%)	100 (1.3%)	6,822 (9	1.5%) 7 <i>,</i> 45	
Deaths	15 (12.1%)				
		aracteristics	s N=533 r		
	accinated	Ca	ases	Deaths	
Gender					
	Female		64.4%)	10 (66.7%	
	Male	190 (35.7%)	5 (33.3%	
Median (years)	C .		51	77	
Age range (years)		12	2-92	50-91	
Median of days between last dose and test date		n last 1	140	137	
-	f days between d test date	last 14	-298	67-227	
Outbrea	k related		16	0	
Hospital	lospitalizations		11.8%)	12 (80.0%	
	Illness Ch	aracteristics	N=100 n	=13	
Partially	Vaccinated	Cas	es	Deaths	
Gender					
	Female	58 (58	,	6 (46.2%)	
	Male	42 (42	2.0%)	7 (53.9%)	
Median <i>I</i> <i>years)</i>	Age	50	C	84	
Age rang <i>'years)</i>	e	12-	99	57-99	
	of days betweer	n last 12	2	15	
lose and	l test date				
0	days between I test date	last 1-2	88	1-260	
Dutbreal	k related	13	3	6	
locnitali	zations	17 (17	7 0%)	9 (69.2%)	

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity. *Races with non-Hispanic Ethnicity **All races with not specified ethnicity NH/PI = Native Hawaiian/Pacific Islander AI/AL = American Indian/Alaskan Native

Source for data provided above: GA DPH, State Electronic Disease Surveillance System, Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing