

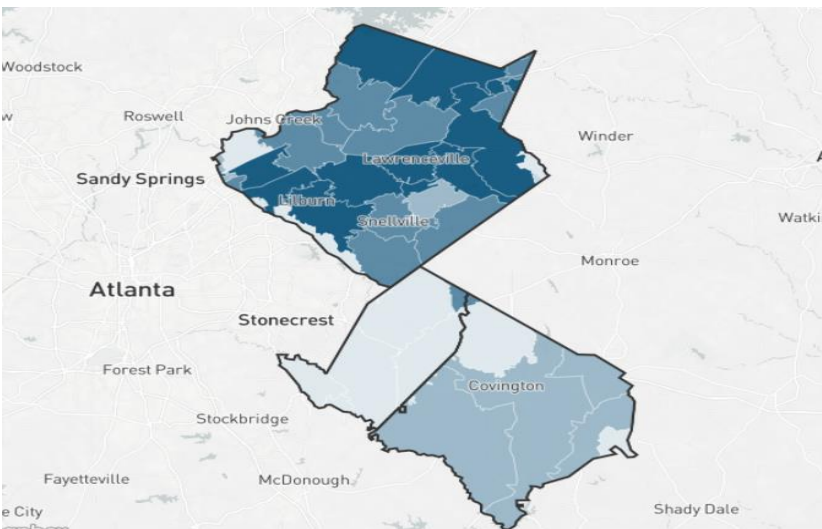
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm September 2, 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 [link](#).

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



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths† (%)
A Gwinnett	97,114	18,477	115,591	1,257 (1.1%)
Newton	9,450	4,672	14,122	277 (2.0%)
Rockdale	7,592	2,188	9,780	193 (2.0%)
Total	114,156	25,337	139,493	1,727 (1.2%)
Illness Characteristics*† N=139,493 n=1,727				
			Among all Cases	Among Deaths
Gender				
	Female	74,991 (53.8%)		811(47.0%)
	Male	64,082(46.0%)		916(53.0%)
Median Age (years)		38		74
Age range (years)		0 – 107		14 – 102
Total Hospitalizations		7,628 (5.5%)		1,292 (74.8%)
Total with Underlying Conditions		19,388 (50.5%)**		1000 (96.4%)**
Underlying Conditions unknown		101,102		690

	Georgia	Gwinnett	Newton	Rockdale
Total Tests†	13,348,040	1,131,684	132,133	104,588
Total Positive†	1,361,858 (10.2%)	123,572 (10.9%)	15,024 (11.4%)	10,640 (10.2%)
Seven Day***	54,106 (17.3%)	2,690 (13.3%)	505 (17.3%)	339 (13.5%)

Total Cases & Deaths by Race*† N = 139,493; Total Deaths n=1,727

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	7,741	5.55%	133	7.85%	White	49,420	35.43%	960	55.59%
Hispanic/Latino	89	0.06%	<5	0.06%	Hispanic/Latino	11,843	8.49%	130	7.53%
Non-Hispanic/ Latino	5,988	4.29%	132	7.64%	Non-Hispanic/ Latino	33,516	24.03%	827	47.89%
Not Specified	1,664	1.19%	0	0%	Not Specified	4,061	2.91%	3	0.17%
Black	35,224	25.25%	475	28.68%	Other	18,470	13.96%	133	8.03%
Hispanic/Latino	791	0.57%	<5	0.12%	Hispanic/Latino	6,718	4.82%	125	7.24%
Non-Hispanic/ Latino	31,150	22.33%	485	28.08%	Non-Hispanic/ Latino	1,902	1.39%	11	0.64%
Not Specified	3,283	2.56%	<5	0.06%	Not Specified	9,850	7.06%	0	0%
Native Hawaiian/Pacific Islander	179	0.13%	<5	0.18%	Unknown	28,240	20.24%	<5	0.23%
Hispanic/Latino	44	0.03%	<5	0.06%	Hispanic/Latino	5,154	3.69%	<5	0.18%
Non-Hispanic/ Latino	105	0.08%	<5	0.12%	Non-Hispanic/ Latino	1,830	1.31%	0	0%
Not Specified	30	0.02%	0	0%	Not Specified	21,256	15.24%	0	0%
American Indian/Alaskan Native	219	0.16%	<5	0.12%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available ***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 8/26/2021 – 9/1/2021. † Represents total confirmed and presumptive cases Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				
Hispanic/Latino	64	0.05%	0	0%					
Non-Hispanic/ Latino	98	0.07%	<5	0.12%					
Not Specified	57	0.04%	0	0%					

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.

Gwinnett, Newton, & Rockdale County Health Departments

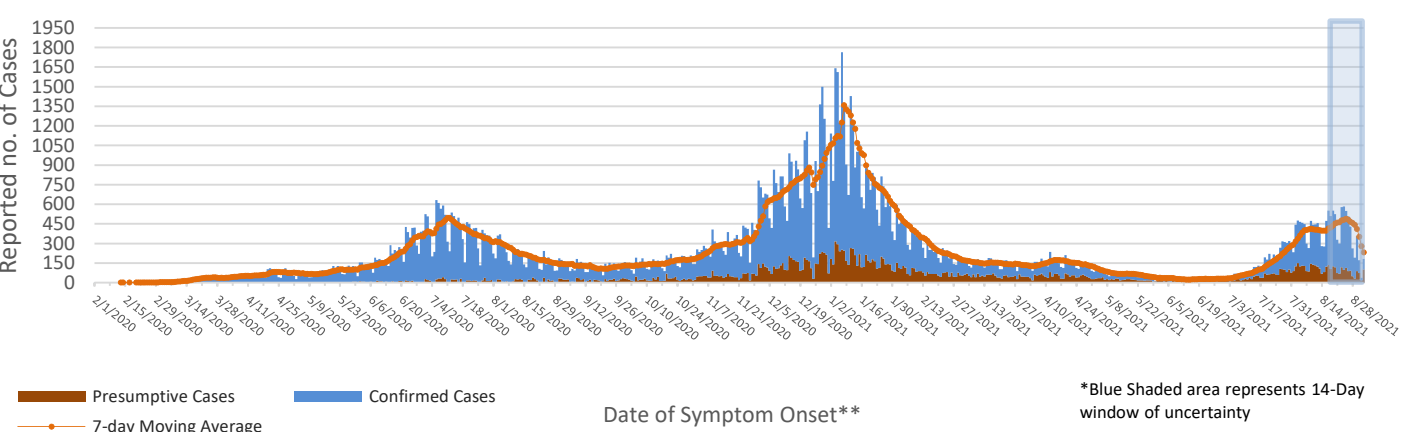


COVID-19 District Overview, data as of 1pm September 2, 2021

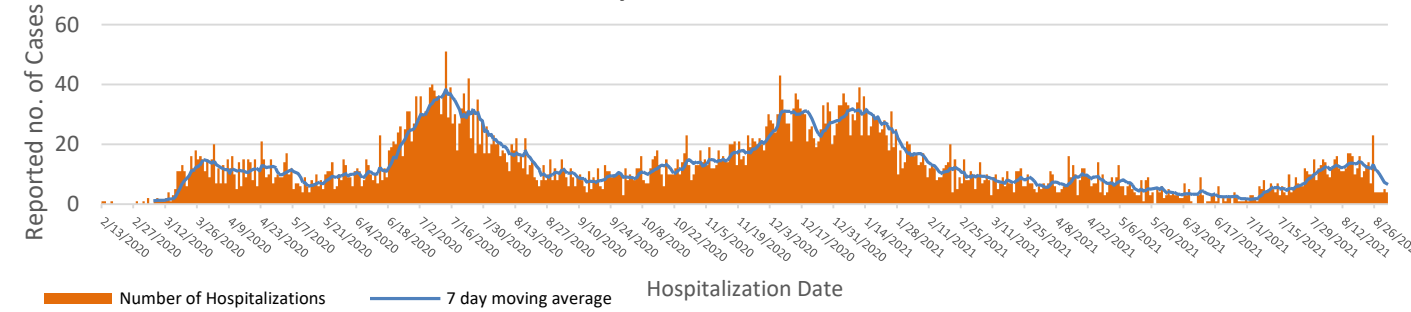
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

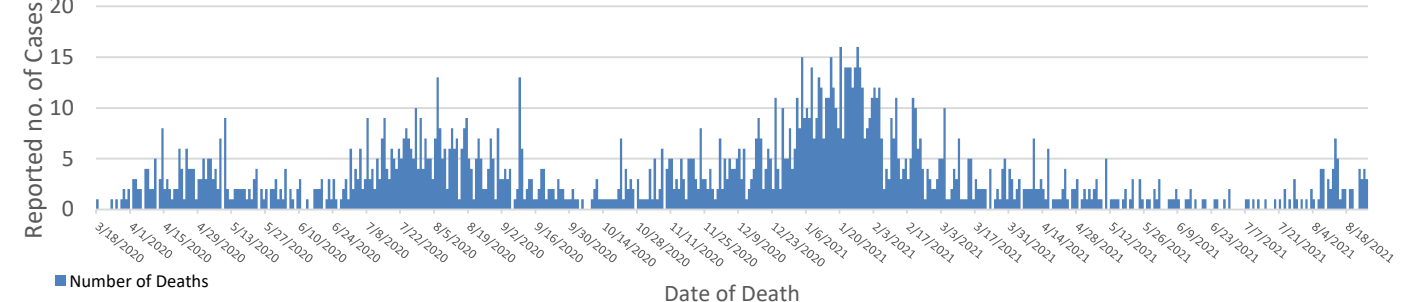
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/2/2021[†]



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



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



[†]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

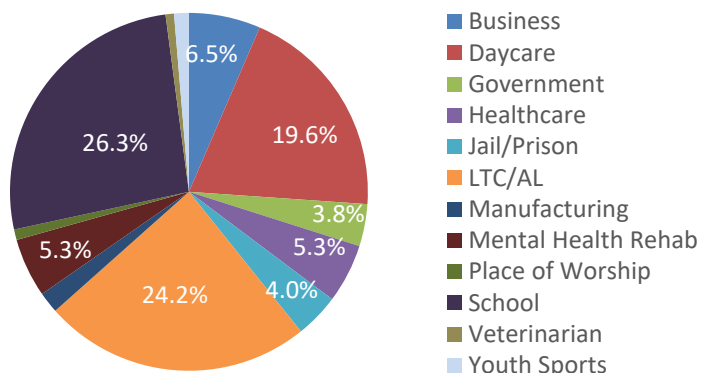
Epidemiology Overview of Outbreaks

COVID-19 Snapshot, data as 8am September 2, 2021

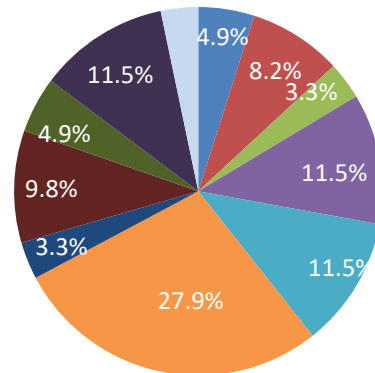


All three counties within the districts are experiencing outbreaks of COVID-19. The information below is intended to provide information on where outbreaks are occurring within the district by county. Totals represent data collected since March 19, 2020.

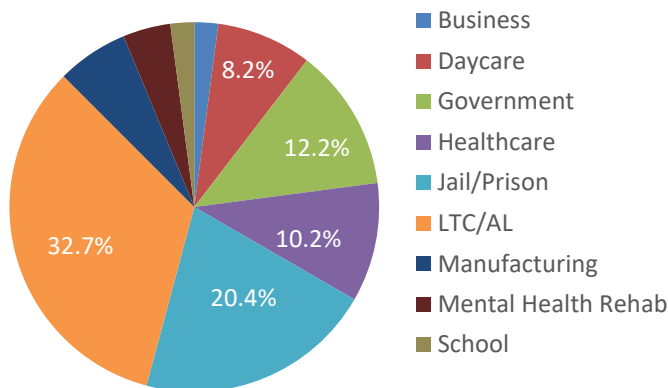
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

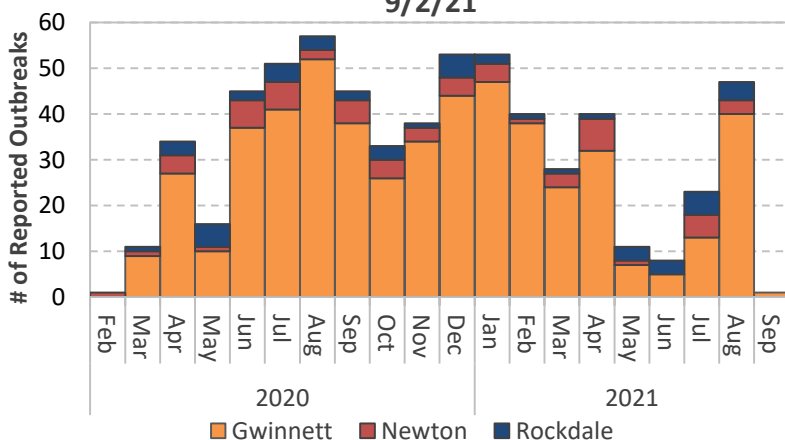


Number of Outbreaks by Facility Type for Rockdale County



- Business
- Daycare
- Government
- Healthcare
- Jail/Prison
- LTC/AL
- Manufacturing
- Mental Health Rehab
- Place of Worship
- School
- Youth Sports

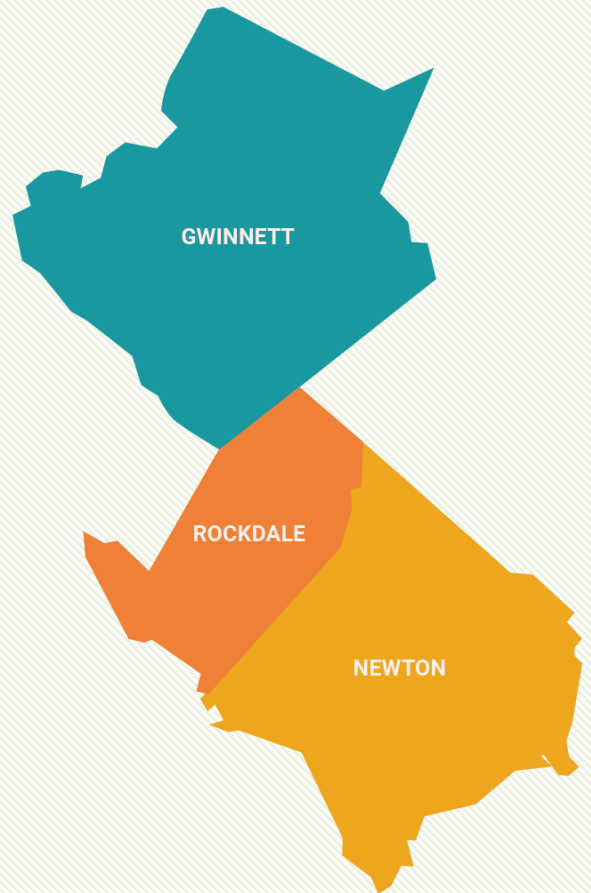
Number of Outbreaks by County Over Time, 9/2/21



Number of Outbreaks by Facility Type N=635			
Facility Type	Gwinnett n=525	Newton n=61	Rockdale n=49
Business	6.48%	4.92%	2.04%
Daycare	19.62%	8.20%	8.16%
Government	3.81%	3.28%	12.24%
Healthcare	5.33%	11.48%	10.20%
Jail/Prison	4.00%	11.48%	20.41%
LTC/AL	24.19%	27.87%	32.65%
Manufacturing	1.90%	3.28%	6.12%
Mental Health Rehab	5.33%	9.84%	4.08%
Place of Worship	0.95%	4.92%	0.00%
Schools	26.29%	11.48%	2.04%
Veterinarian	0.76%	0.00%	2.04%
Youth Sports	1.33%	3.28%	0.00%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

**Data as of 8am September 2,
2021**



Epidemiology Overview of COVID-19 Vaccinations

% of Gwinnett residents with at least one dose compared with % of Gwinnett population

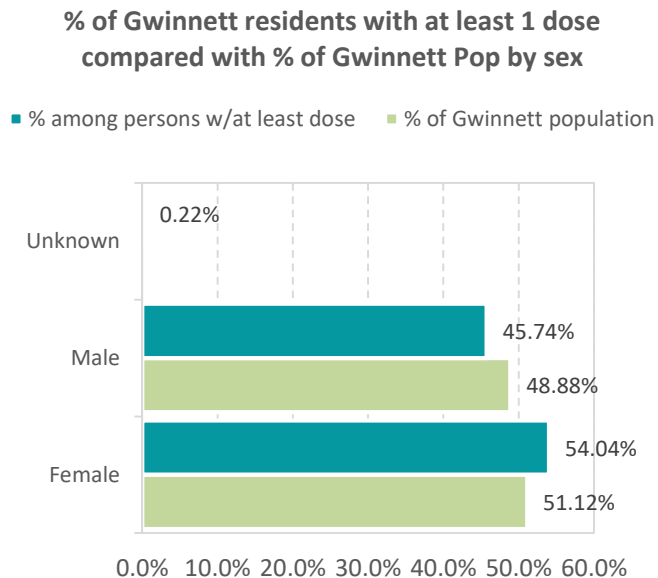
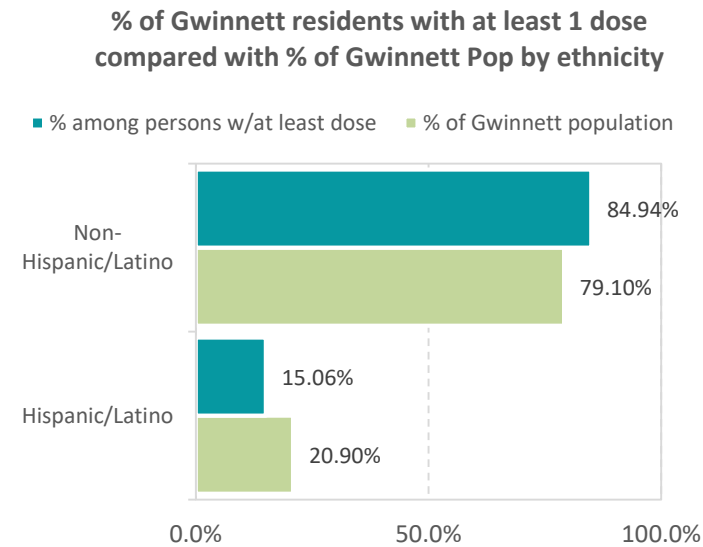
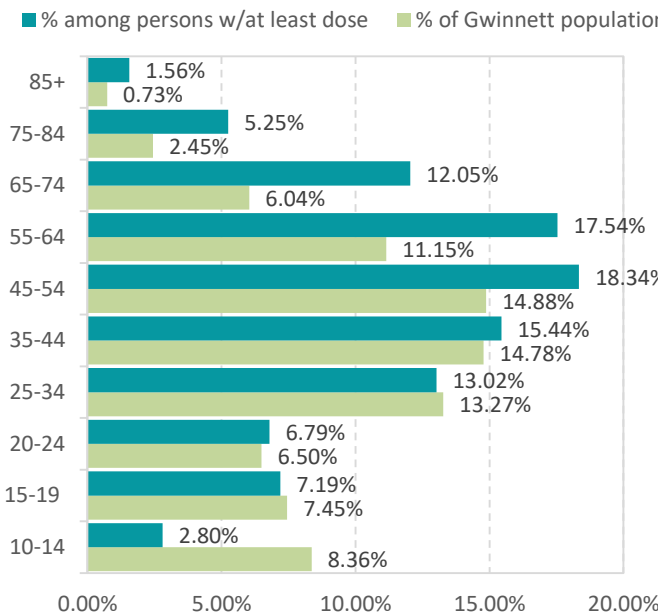
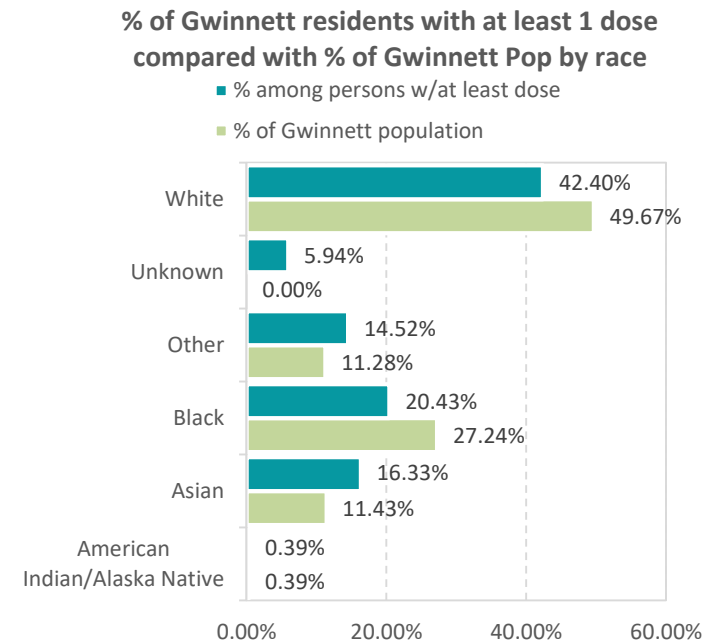
Data as of 8am September 2, 2021



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.

504,075 (55.1%) Residents have received at least one dose.
448,809 (49.0%) Residents are fully vaccinated.

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

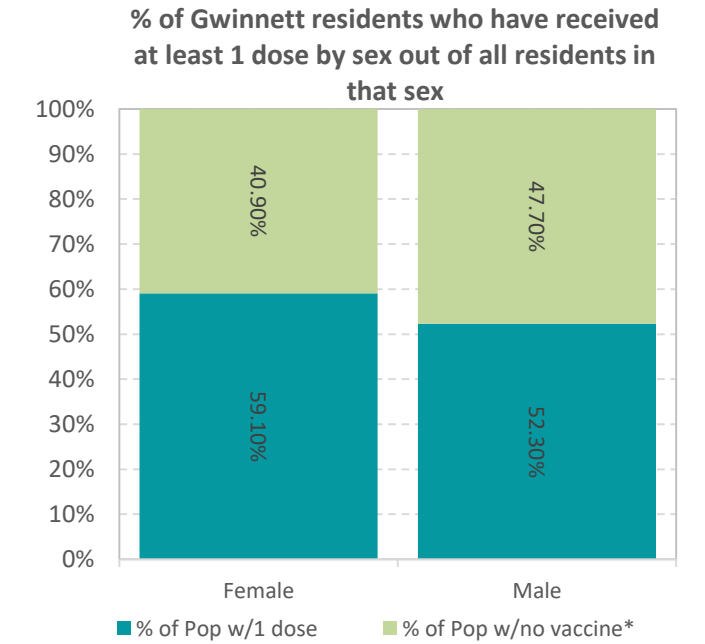
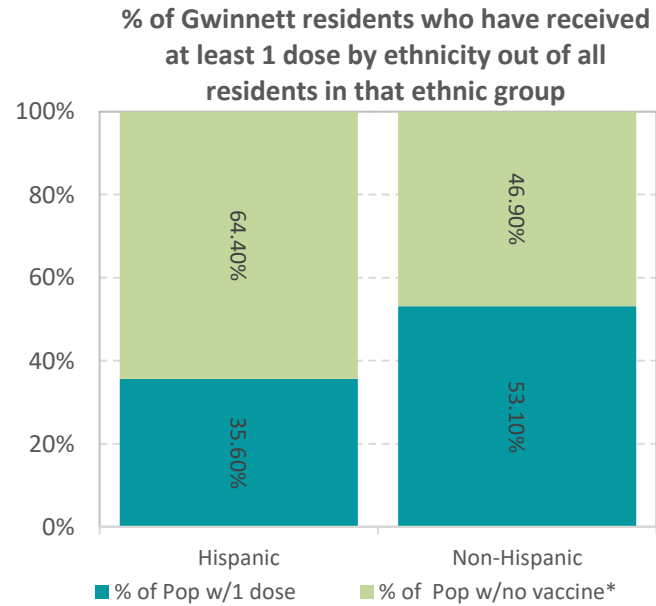
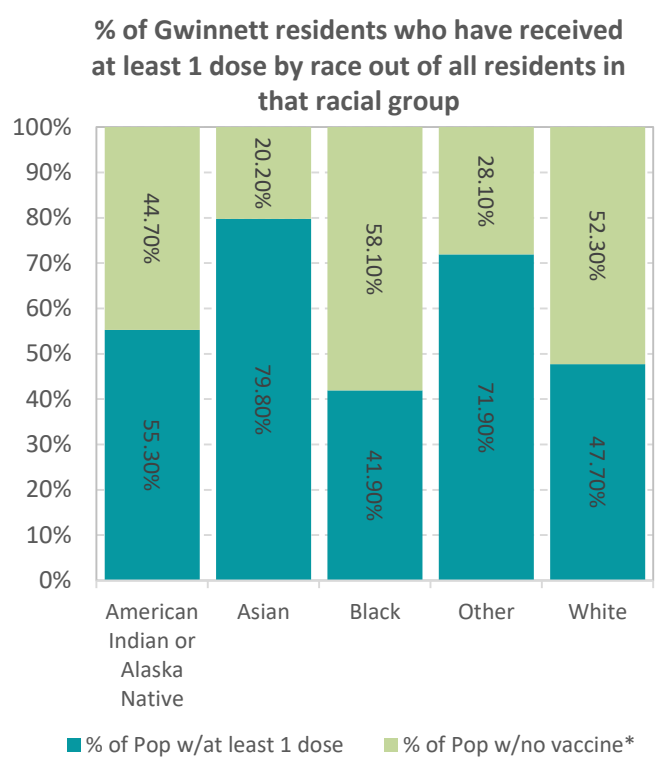


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, data as of 8am September 2, 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.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report 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

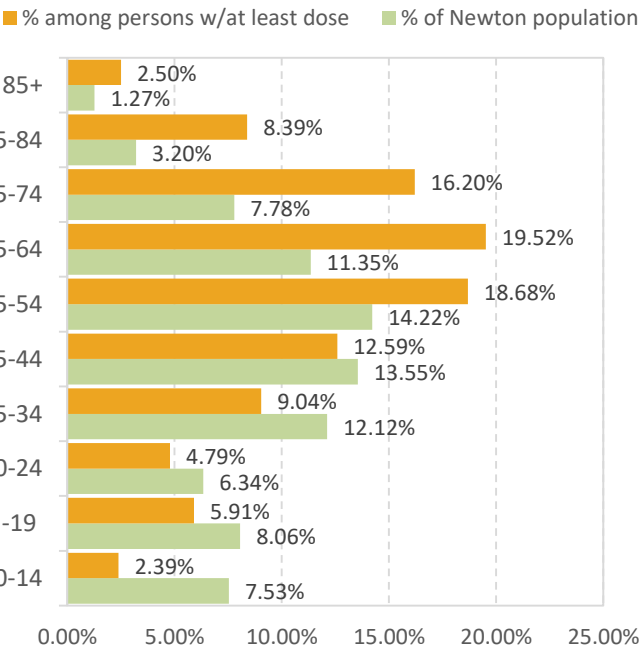


% of Newton residents with at least one dose compared with % of Newton population
Data as of 8am September 2, 2021

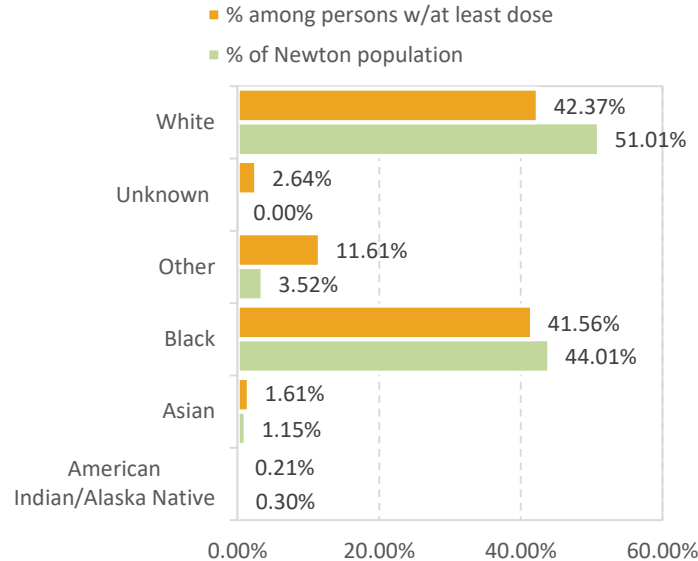
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar 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.

45,152 (41.8%) Residents have received at least one dose.
38,960 (36.0%) Residents are fully vaccinated.

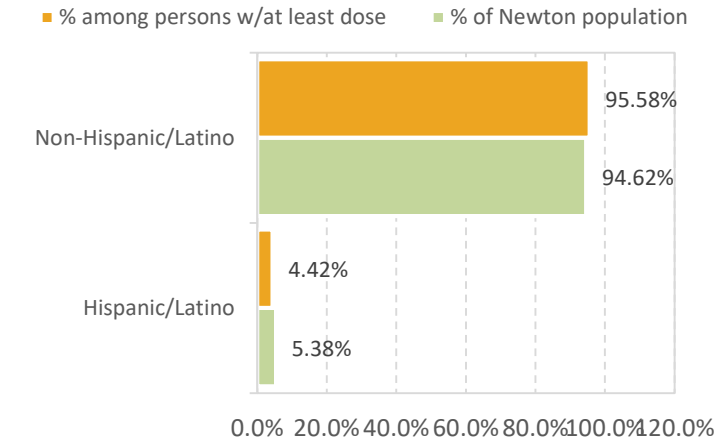
% Newton residents with at least 1 dose compared with % of Newton Pop by age group



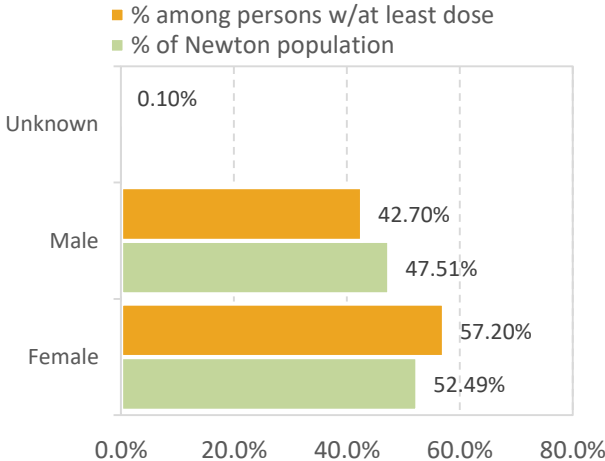
% Newton residents with at least 1 dose compared with % of Newton Pop by race



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



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

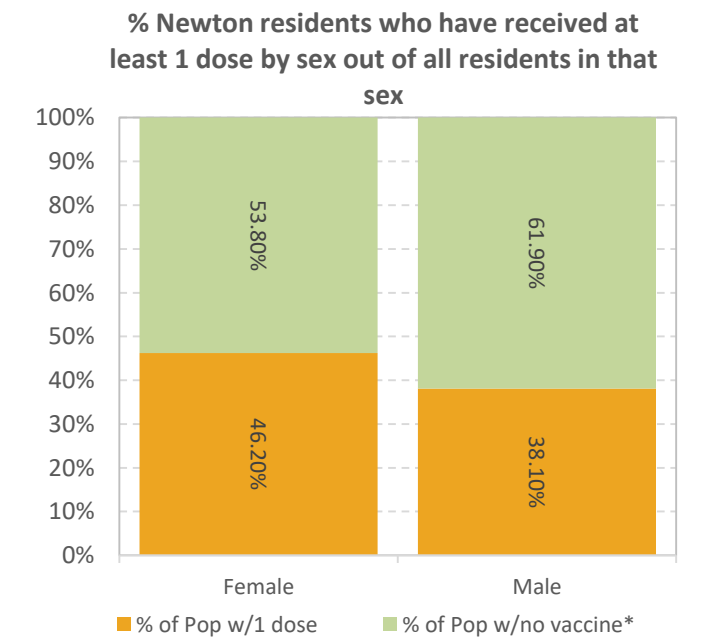
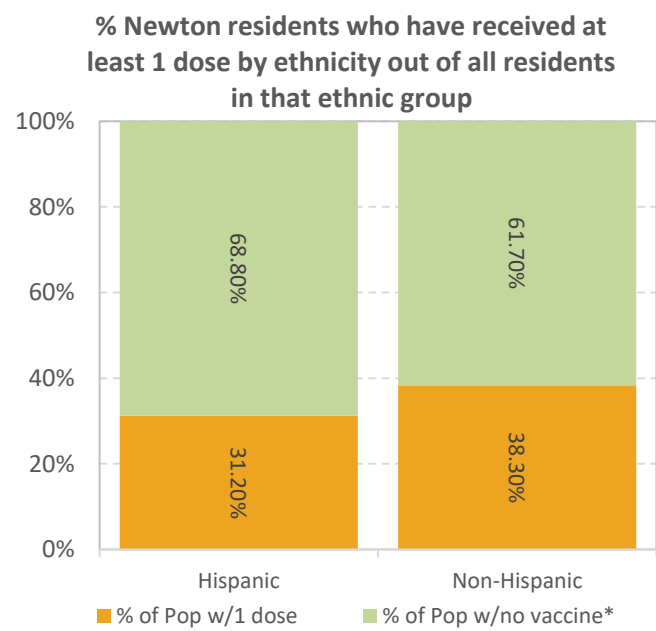
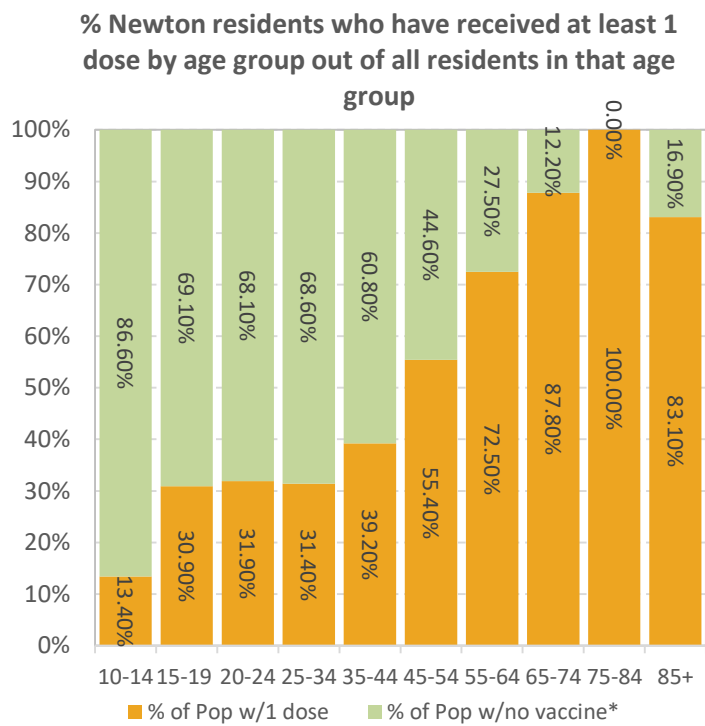
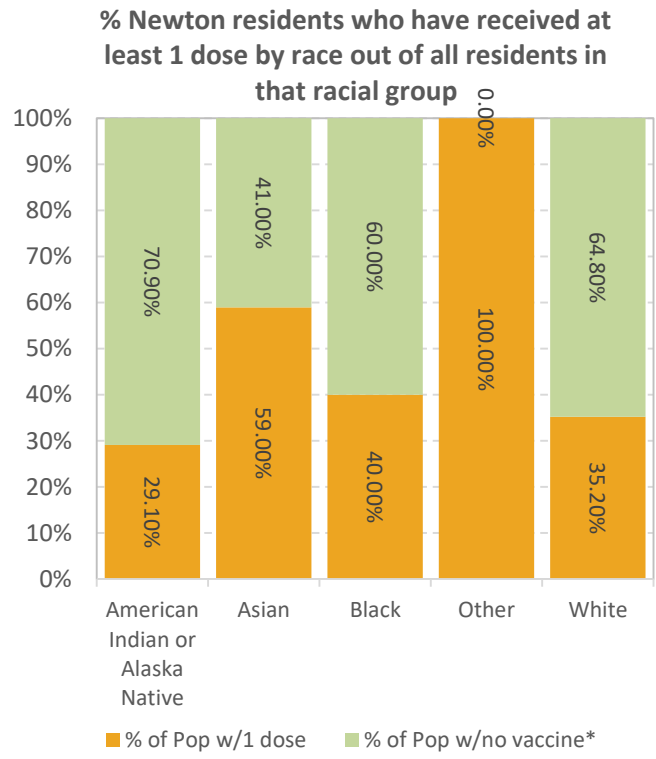


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 8am September 2, 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.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report 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

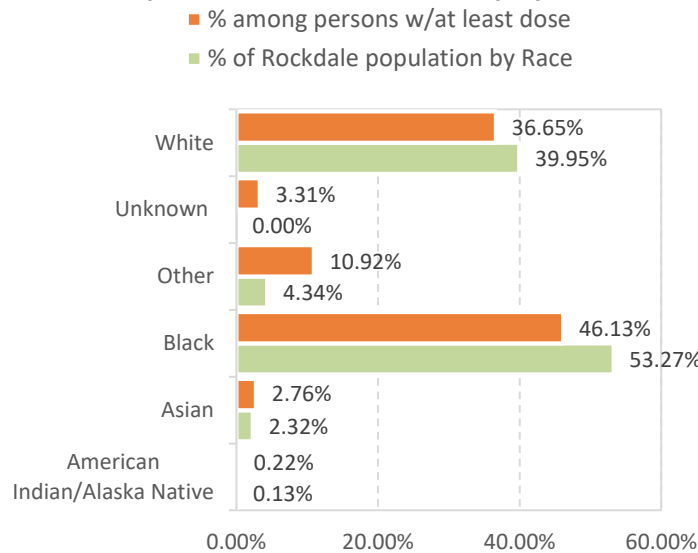
Data as of 8am September 2, 2021



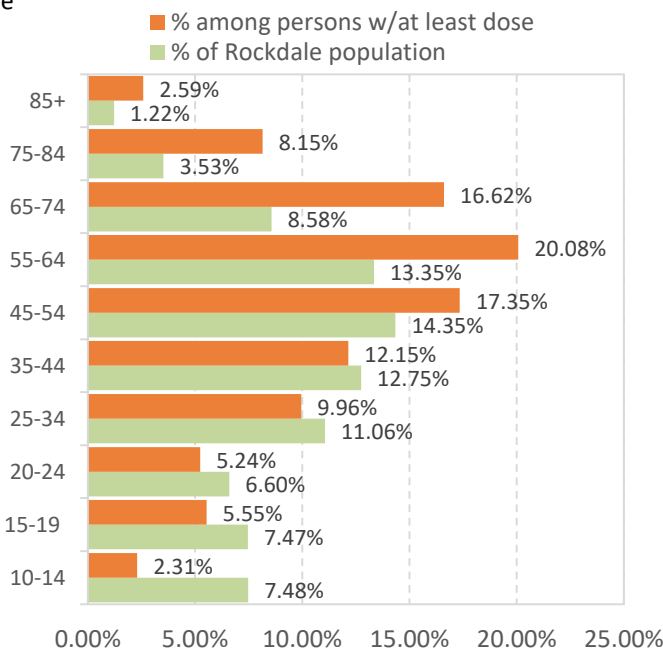
The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange 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.

44,569 (49.7%) Residents have received at least one dose.
38,924 (43.4%) Residents are fully vaccinated.

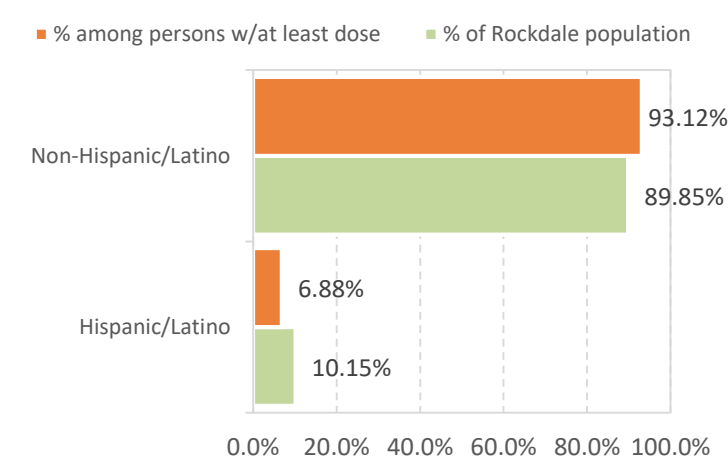
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race



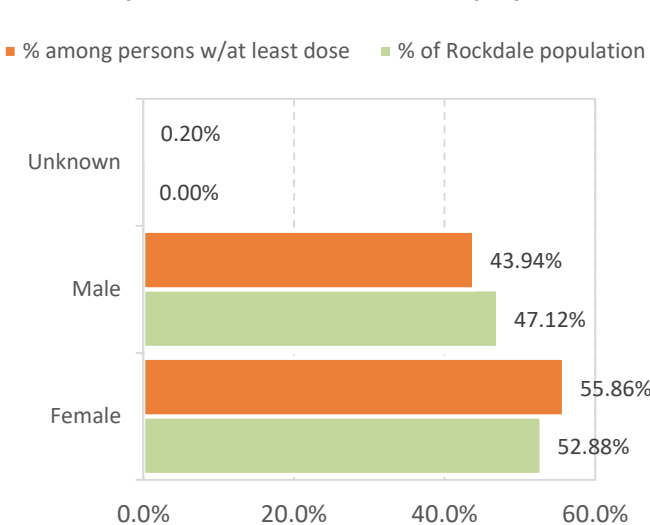
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group



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



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

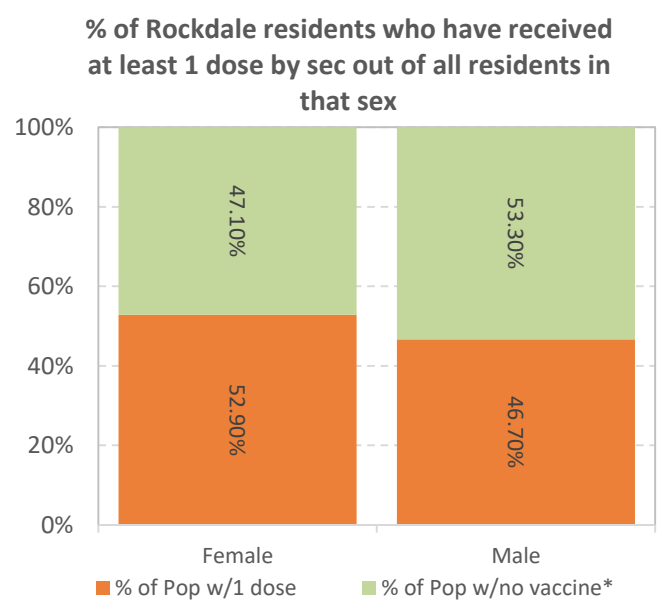
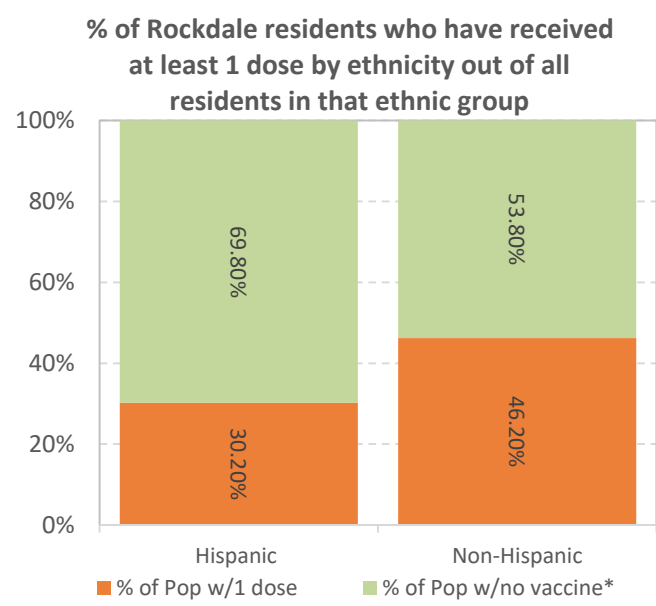
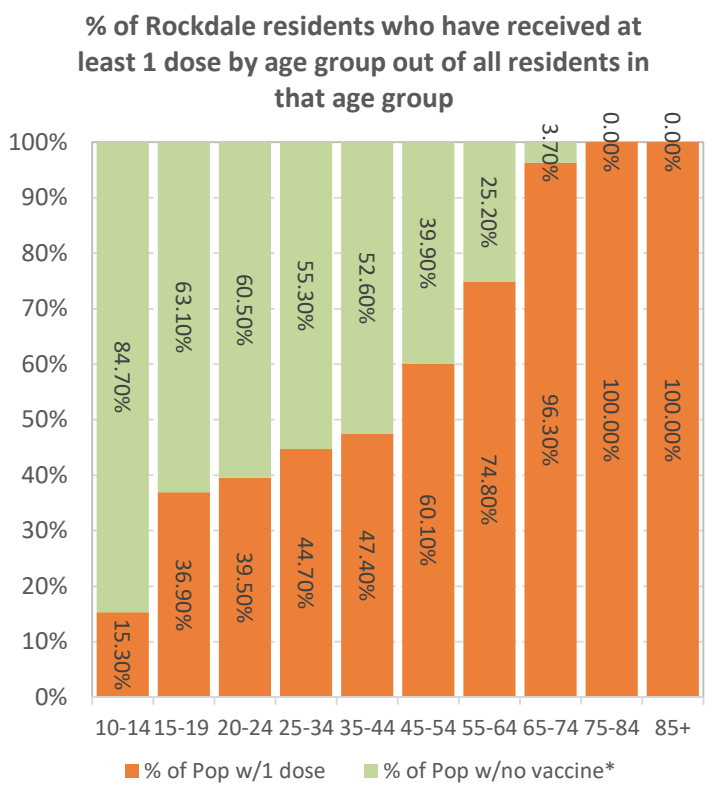
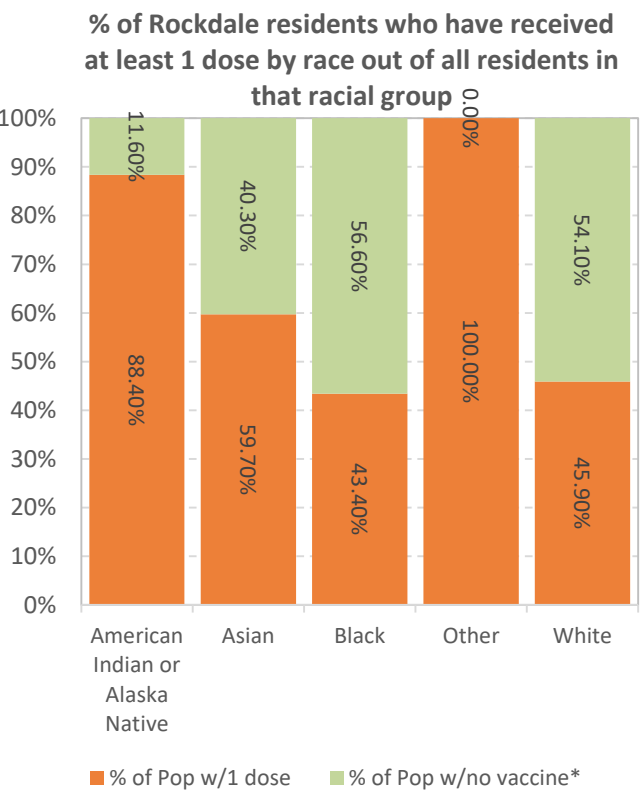


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 8am September 2, 2021

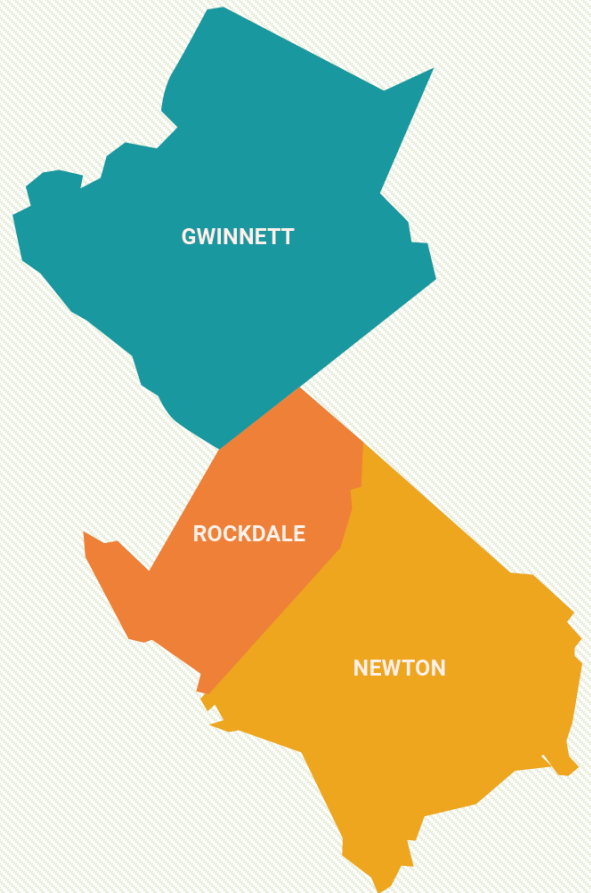
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage 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.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report 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 Cases in the District by County of Residence

*Data as of 1pm September 2,
2021*



Epidemiology Overview of Gwinnett County

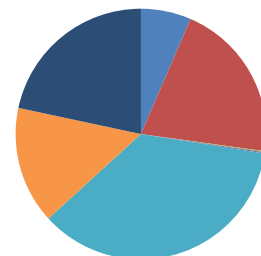
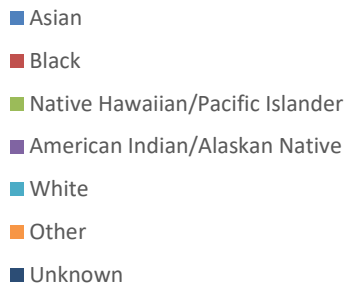


COVID-19 County Overview, data as of 1pm September 2, 2021

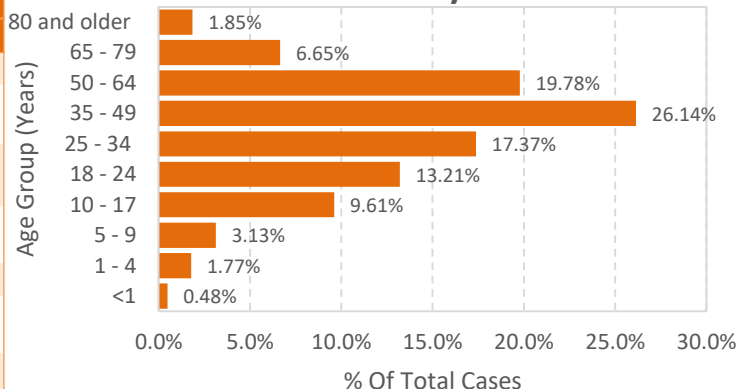
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 2.4% increase in newly confirmed COVID-19 Cases between the week of 8/19/2021 – 8/26/21 (N=112,870) and 8/26/2021 – 9/2/2021 (N=115,591).

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deathst (%)
Outbreak	3,265	510	3,775 252 (6.7%)
Total	97,114	18,477	115,591 1,257 (1.1%)
Illness Characteristics*† N=115,591; n=1,257			
	Among all Cases		Among Deaths
Gender			
Female	61,553 (53.3%)		585 (46.5%)
Male	53,702 (46.5%)		672 (53.5%)
Median Age (years)	41		74
Age range (years)	0 – 100		21 – 98
Total Hospitalizations	5,680 (4.9%)		974 (77.5%)
Total with Underlying Conditions	15,276 (48.6%)**		699 (96.1%)**
Underlying Conditions unknown	84,158		530

Total Cases & Deaths by Race*† N =115,591; Total Deaths n=1,257

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	7,494	6.48%	128	10.18%	White	41,298	35.73%	698	55.53%
Hispanic/Latino	86	0.07%	<5	0.08%	Hispanic/Latino	11,026	9.54%	119	9.47%
Non-Hispanic/ Latino	5,780	5.00%	127	10.10%	Non-Hispanic/Latino	26,857	23.23%	576	45.82%
Not Specified	1,628	1.41%	0	0%	Not Specified	3,415	2.95%	<5	0.24%
Black	23,938	20.71%	297	23.63%	Other	17,492	15.13%	128	10.18%
Hispanic/Latino	631	0.55%	<5	0.32%	Hispanic/Latino	6,321	5.47%	118	9.39%
Non-Hispanic/Latino	20,952	18.13%	293	23.31%	Non-Hispanic/Latino	1,628	1.41%	10	0.80%
Not Specified	2,355	2.04%	0	0%	Not Specified	9,543	8.26%	0	0%
Native Hawaiian/Pacific Islander	158	0.14%	<5	0.24%	Unknown	25,023	21.65%	<5	0.24%
Hispanic/Latino	42	0.04%	<5	0.08%	Hispanic/Latino	4,832	4.18%	<5	0.24%
Non-Hispanic/Latino	88	0.08%	<5	0.16%	Non-Hispanic/Latino	1,496	1.29%	0	0%
Not Specified	28	0.02%	0	0%	Not Specified	18,695	16.17%	0	0%
American Indian/Alaskan Native	188	0.16%	0	0%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases				
Hispanic/Latino	62	0.05%	0	0%					
Non-Hispanic/Latino	78	0.07%	0	0%					
Not Specified	48	0.04%	0	0%					

Epidemiology Overview of Newton County

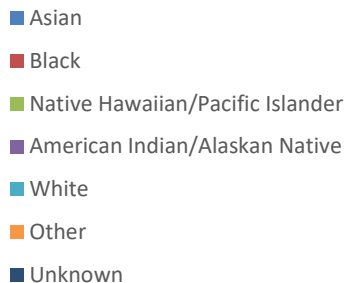


COVID-19 County Overview, data as of 1pm September 2, 2021

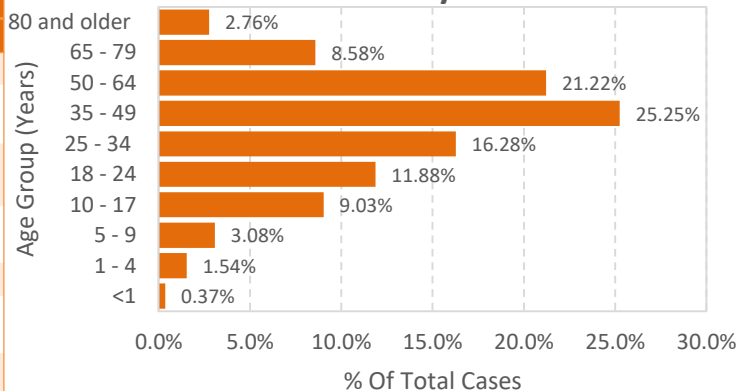
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 3.4% increase in newly confirmed COVID-19 Cases between the week of 8/19/2021 – 8/26/2021 (N=13,640) and 8/26/2021 – 9/2/2021 (N=14,122).

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deathst (%)
Outbreak	500	133	633 84 (13.3%)
Total	9,450	4,672	14,122 277 (2.0%)
Illness Characteristics*† N=14,122; n=277			
	Among all Cases		Among Deaths
Gender			
Female	7,901 (56.0%)		131 (47.3%)
Male	6,177 (43.7%)		146 (52.7%)
Median Age (years)	41		74
Age range (years)	0 – 100		21 – 98
Total Hospitalizations	857 (6.1%)		168 (60.7%)
Total with Underlying Conditions	2,148 (56.4%)**		155 (96.9%)**
Underlying Conditions unknown	10,312		117

Total Cases & Deaths by Race*† N =14,122; Total Deaths n=277

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	139	0.98%	<5	0.36%	White	5,585	39.55%	163	58.84%
Hispanic/Latino	<5	0.02%	<5	0.36%	Hispanic/Latino	396	2.80%	<5	1.44%
Non-Hispanic/ Latino	120	0.85%	0	0%	Non-Hispanic/Latino	4,752	33.65%	159	57.40%
Not Specified	16	0.11%	0	0%	Not Specified	437	3.09%	0	0%
Black	6,038	42.76%	106	38.27%	Other	452	3.20%	<5	1.08%
Hispanic/Latino	85	0.60%	0	0%	Hispanic/Latino	154	1.04%	<5	1.08%
Non-Hispanic/Latino	5,458	38.65%	106	38.27%	Non-Hispanic/Latino	148	1.36%	0	0%
Not Specified	495	3.51%	0	0%	Not Specified	150	1.06%	0	0%
Native Hawaiian/Pacific Islander	12	0.08%	0	0%	Unknown	1,880	13.31%	<5	0.36%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	147	1.04%	<5	0.36%
Non-Hispanic/Latino	10	0.07%	0	0%	Non-Hispanic/Latino	192	1.36%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,541	10.91%	0	0%
American Indian/Alaskan Native	16	0.11%	<5	0.36%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
Hispanic/Latino	0	0%	0	0%	**Among patients with underlying conditions information available				
Non-Hispanic/Latino	10	0.07%	<5	0.36%	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				
Not Specified	6	0.04%	0	0%	† Represents total confirmed and presumptive 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

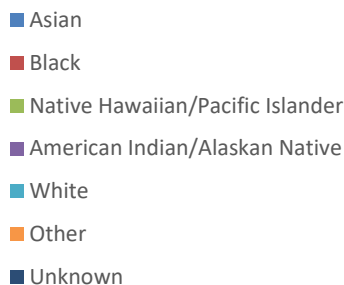


COVID-19 County Overview, data as of 1pm September 2, 2021

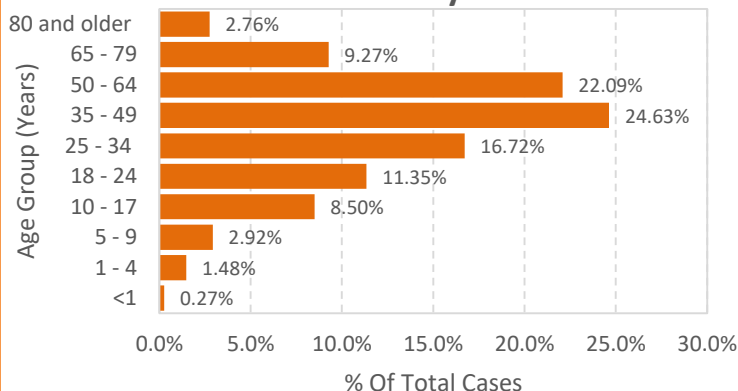
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 3.2% increase in newly confirmed COVID-19 Cases between the week of **8/19/2021 – 8/26/2021 (N=9,468)** and **8/26/2021 – 9/2/2021 (N=9,780)**.

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths† (%)
Outbreak	397	81	478 48 (10.0%)
Total	7,592	2,188	9,780 193 (2.0%)
Illness Characteristics*† N=9,780; n=193			
	Among all Cases		Among Deaths
Gender			
Female	5,537 (56.6%)		95 (49.2%)
Male	4,203 (43.0%)		98 (50.8%)
Median Age (years)	42		74
Age range (years)	0 – 100		27 – 100
Total Hospitalizations	1,091 (11.2%)		150 (77.7%)
Total with Underlying Conditions	1,964 (62.4%)**		146 (97.3%)**
Underlying Conditions unknown	6,632		43

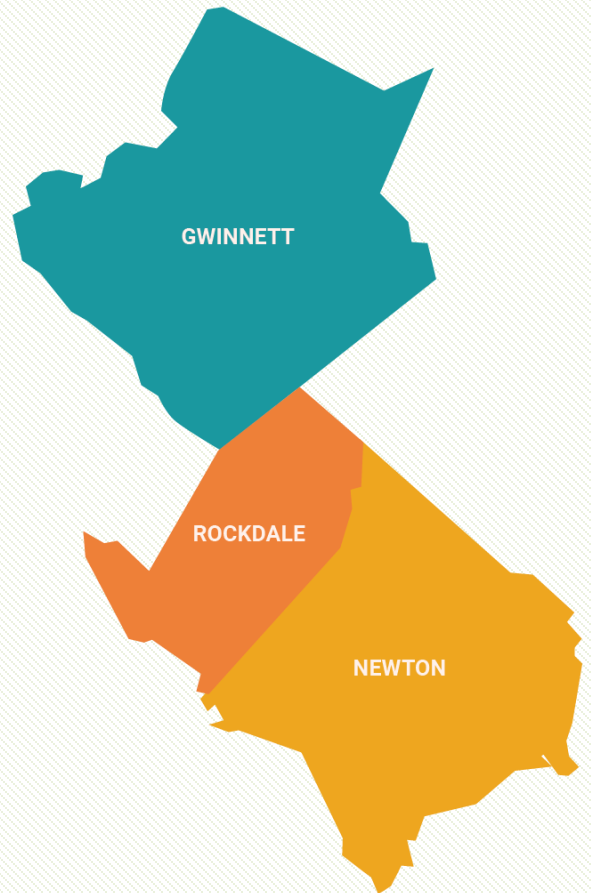
Total Cases & Deaths by Race*† N=9,780; Total Deaths n=193

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	108	1.10%	<5	1.04%	White	2,537	25.94%	99	51.30%
Hispanic/Latino	88	0.90%	0	0%	Hispanic/Latino	421	4.30%	7	3.63%
Non-Hispanic/Latino	20	0.20%	<5	1.04%	Non-Hispanic/Latino	1,907	19.50%	92	47.67%
Not Specified	0	0%	0	0%	Not Specified	209	2.14%	0	0%
Black	5,248	53.66%	86	44.56%	Other	526	5.38%	<5	2.59%
Hispanic/Latino	75	0.77%	0	0%	Hispanic/Latino	243	2.48%	<5	2.07%
Non-Hispanic/Latino	4740	48.47%	86	44.56%	Non-Hispanic/Latino	126	1.29%	<5	0.52%
Not Specified	433	4.43%	0	0%	Not Specified	157	1.61%	0	0%
Native Hawaiian/Pacific Islander	9	0.09%	0	0%	Unknown	1,337	13.67%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	175	1.79%	0	0%
Non-Hispanic/Latino	7	0.07%	0	0%	Non-Hispanic/Latino	142	1.45%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,020	10.43%	0	0%
American Indian/Alaskan Native	15	0.15%	<5	0.52%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases				
Hispanic/Latino	<5	0.02%	0	0%					
Non-Hispanic/Latino	10	0.10%	<5	0.52%					
Not Specified	<5	0.03%	0	0%					

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 September 2,
2021



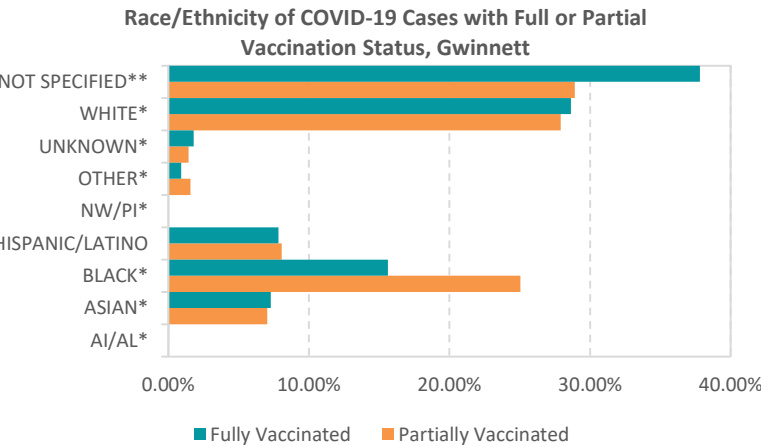
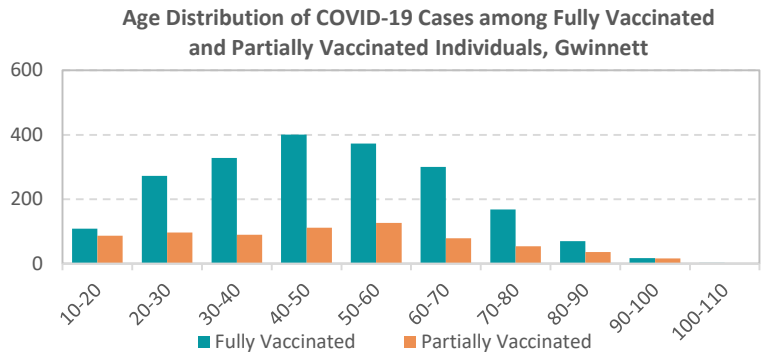
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am September 2, 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.



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.1%)	0 (0%)	0 (0%)	0 (0%)
Asian	165 (8.1%)	52 (7.5%)	<5 (16.7%)	8 (18.6%)
Black	359 (17.6%)	191 (27.5%)	0 (0%)	5 (11.6%)
Native Hawaiian/Pacific Islander	0 (0%)	<5 (0.1%)	0 (0%)	0 (0%)
Other	117 (5.7%)	44 (6.3%)	0 (0%)	<5 (2.3%)
Unknown	699 (34.2%)	165 (23.7%)	0 (0%)	0 (0%)
White	699 (34.2%)	242 (34.8%)	5 (83.3%)	29 (67.4%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	160 (7.8%)	56 (8.1%)	0 (0%)	<5 (2.3%)
Non-Hispanic/Latino	110 (54.4%)	438 (63.0%)	6 (100.0%)	42 (97.7%)
Not Specified	772 (37.8%)	201 (28.9%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	2,042 (3.7%)	695 (1.3%)	52,374 (95.0%)
Deaths	6 (1.3%)	43 (9.1%)	423 (89.6%)
Illness Characteristics N=2,042 n=6			
Fully Vaccinated		Cases	Deaths
Gender			
Female		1,185 (58.0%)	<5 (50.0%)
Male		857 (42.0%)	<5 (50.0%)
Median Age (years)		47	81
Age range (years)		12-100	76-95
Range of days between last dose and symptom onset		15-233	17-146
Average of days between last dose and symptom onset		116.5	71.7
Outbreak related		49 (98.0%)	<5 (100.0%)
Hospitalizations		55 (2.7%)	<5 (66.7%)
Illness Characteristics N=695 n=43			
Partially Vaccinated		Cases	Deaths
Gender			
Female		393 (56.5%)	22 (51.2%)
Male		302 (43.5%)	21 (48.8%)
Median Age (years)		45	82
Age range (years)		12-99	36-95
Range of days between last dose and symptom onset		0-235	2-192
Average of days between last dose and symptom onset		30.0	16.2
Outbreak related		21	5
Hospitalizations		66 (9.5%)	31 (72.1%)
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			
HW/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 validation are ongoing

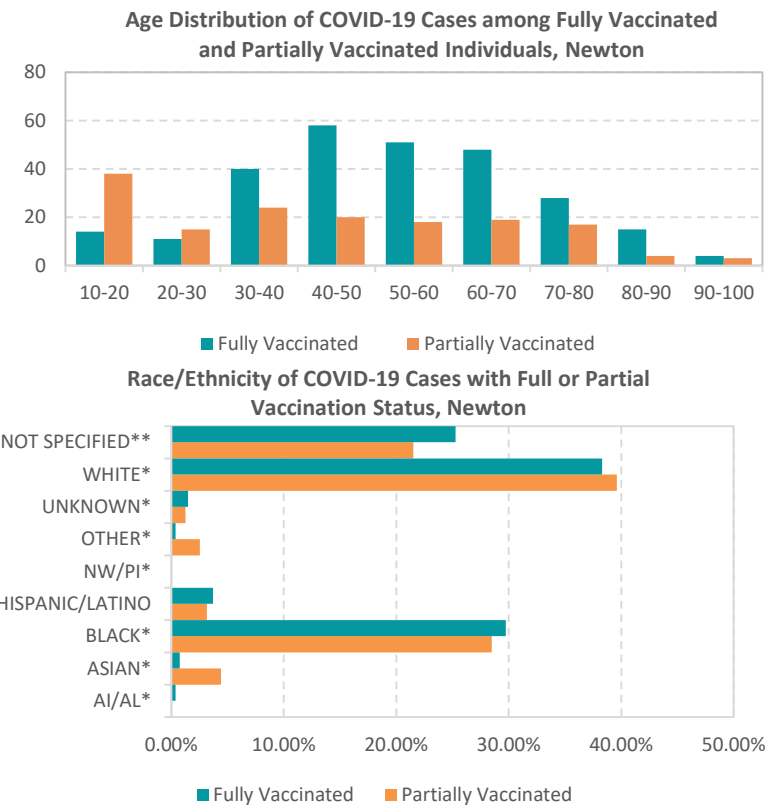
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Newton Residents, data as of 8am September 2, 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.



COVID-19 Cases & Deaths				
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	269 (3.4%)	158 (2.0%)	7,374 (94.5%)	7,801
Deaths	<5 (1.0%)	6 (6.2%)	90 (92.8%)	97

Illness Characteristics N=269 n <5			
Fully Vaccinated	Cases	Deaths	
Gender			
Female	174 (64.7%)	<5 (100.0%)	
Male	95 (35.3%)	0 (0%)	
Median Age (years)			
	51	-	
Age range (years)			
	12-93	-	
Range of days between last dose and symptom onset			
	15-230	-	
Average of days between last dose and symptom onset			
	113.8	-	
Outbreak related			
	7	0	
Hospitalizations			
	12 (4.5%)	<5 (100.0%)	

Illness Characteristics N=158 n=6			
Partially Vaccinated	Cases	Deaths	
Gender			
Female	93 (58.9%)	<5 (66.7%)	
Male	65 (41.1%)	<5 (33.3%)	
Median Age (years)			
	40	75	
Age range (years)			
	12-94	36-95	
Range of days between last dose and symptom onset			
	0-178	9-137	
Average of days between last dose and symptom onset			
	22.2	32.7	
Outbreak related			
	9	<5	
Hospitalizations			
	24 (15.2%)	5 (83.3%)	

Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.4%)	0 (0%)	0 (0%)	0 (0%)
Asian	<5 (1.5%)	7 (4.4%)	0 (0%)	<5 (16.7%)
Black	90 (33.5%)	49 (31.0%)	0 (0%)	<5 (66.7%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	<5 (0.7%)	7 (4.4%)	0 (0%)	0 (0%)
Unknown	58 (21.6%)	33 (20.9%)	0 (0%)	0 (0%)
White	114 (42.4%)	62 (39.2%)	<5 (100.0%)	<5 (16.7%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	10 (3.7%)	5 (3.2%)	0 (0%)	0 (0%)
Non-Hispanic/Latino	191 (71.0%)	119 (75.3%)	<5 (100.0%)	6 (100.0%)
Not Specified	68 (25.3%)	34 (21.5%)	0 (0%)	0 (0%)

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

HW/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

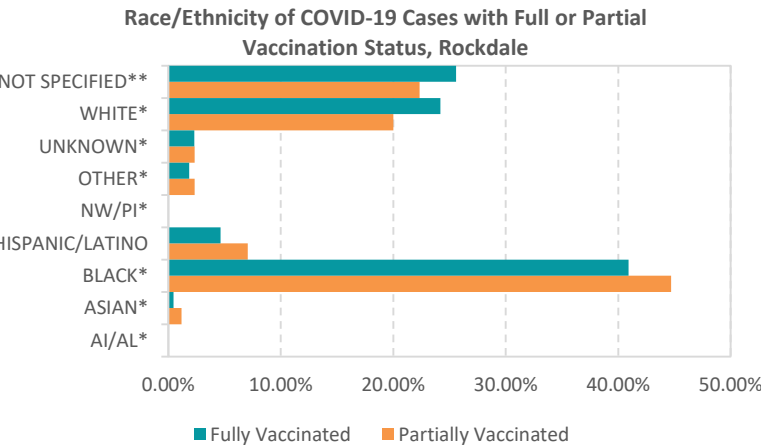
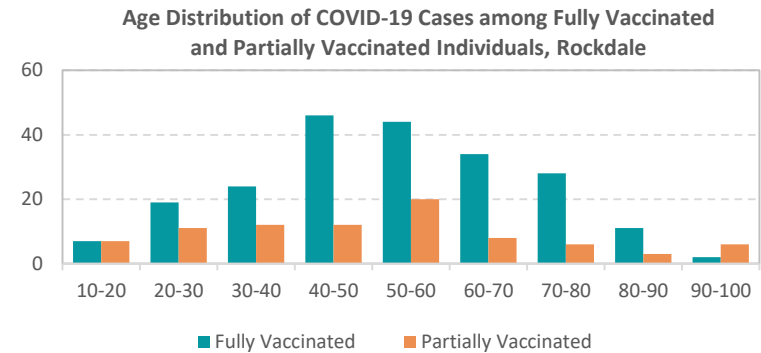
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am September 2, 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.



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.9%)	0 (0%)	0 (0%)	0 (0%)
Asian	<5 (0.5%)	<5 (1.2%)	0 (0%)	<5 (14.3%)
Black	97 (45.1%)	44 (51.8%)	<5 (33.3%)	<5 (14.3%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	11 (5.1%)	6 (7.1%)	0 (0%)	0(0%)
Unknown	48 (22.3%)	16 (18.8%)	0 (0%)	0 (0%)
White	56 (26.0%)	18 (21.2%)	<5 (66.7%)	5 (71.4%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	10 (4.7%)	6 (7.1%)	<5 (33.3%)	0 (0%)
Non-Hispanic/Latino	150 (69.8%)	60 (70.6%)	<5 (66.7%)	7(100.0%)
Not Specified	55(25.6%)	19(22.4%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths				
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	215 (3.9%)	85 (1.6%)	5,173 (94.5%)	5473
Deaths	<5 (4.3%)	7 (10.1%)	59 (85.5%)	69
Illness Characteristics N=215 n<5				
Fully Vaccinated		Cases	Deaths	
Gender				
	Female	141 (65.6%)	<5 (66.7%)	
	Male	74 (34.4%)	<5 (33.3%)	
Median Age (years)		51	73	
Age range (years)		15-91	58-90	
Rage of days between last dose and symptom onset		15-209	103-157	
Average of days between last dose and symptom onset		112.3	126.7	
Outbreak related		6	0	
Hospitalizations		17 (7.9%)	<5 (66.7%)	
Illness Characteristics N=85 n=7				
Partially Vaccinated		Cases	Deaths	
Gender				
	Female	48 (56.5%)	5 (71.4%)	
	Male	37 (43.5%)	<5 (28.6%)	
Median Age (years)		50	91	
Age range (years)		12-99	75-99	
Rage of days between last dose and symptom onset		0-178	3-147	
Average of days between last dose and symptom onset		22.2	31.3	
Outbreak related		12	5	
Hospitalizations		15 (17.6%)	<5 (57.1%)	

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
 HW/PI = Native Hawaiian/Pacific Islander
 AI/AL = American Indian/Alaskan Native