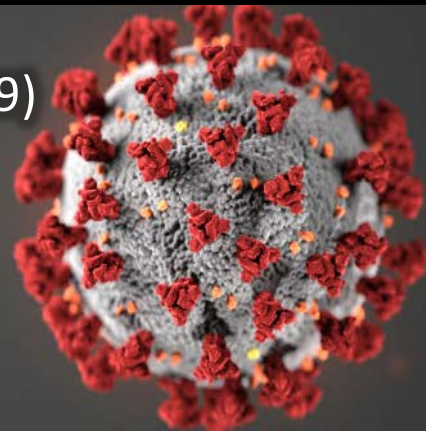


Coronavirus Disease 2019 (COVID-19)

Union County Health Department

Epidemiological Update

October 22, 2021



Case Data as of July 1, 2021	
Cases as of July 1, 2021	2,268
Case Rate ¹	4,337 cases/100,000 residents
School-Aged ² Cases Since July 1, 2021	641
School-Aged Cases in Previous 2 Weeks	40
Total Community Cases Data	
Case Counts	7,573
Confirmed Cases	5,273
Probable Cases	2,300
Median Age (Years)	38
Average Age (Years)	38.6
Minimum Age (Years)	<1
Maximum Age (Years)	98
Range of Illness Onset Dates	January 13, 2020 – October 20, 2021
Incarcerated Cases	574

¹The case rate is defined as the number of COVID-19 cases divided by the Union County population reported in the 2010 U.S. Census

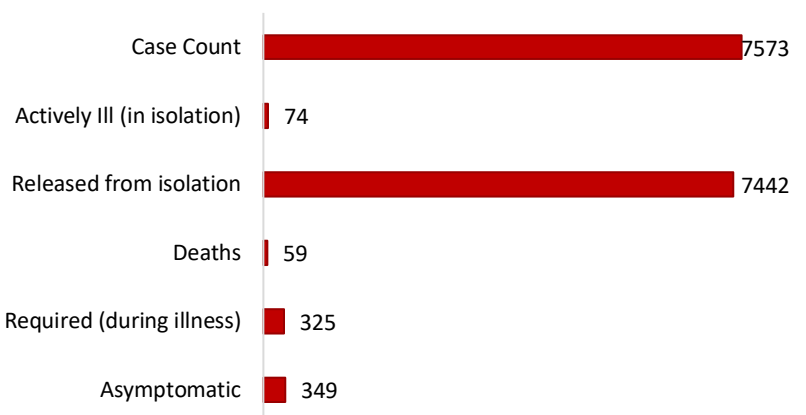
²School-aged is defined as those between 5-19 years of age

Sex of Cases¹:



¹This information does not include incarcerated cases

Health Status of Cases¹:

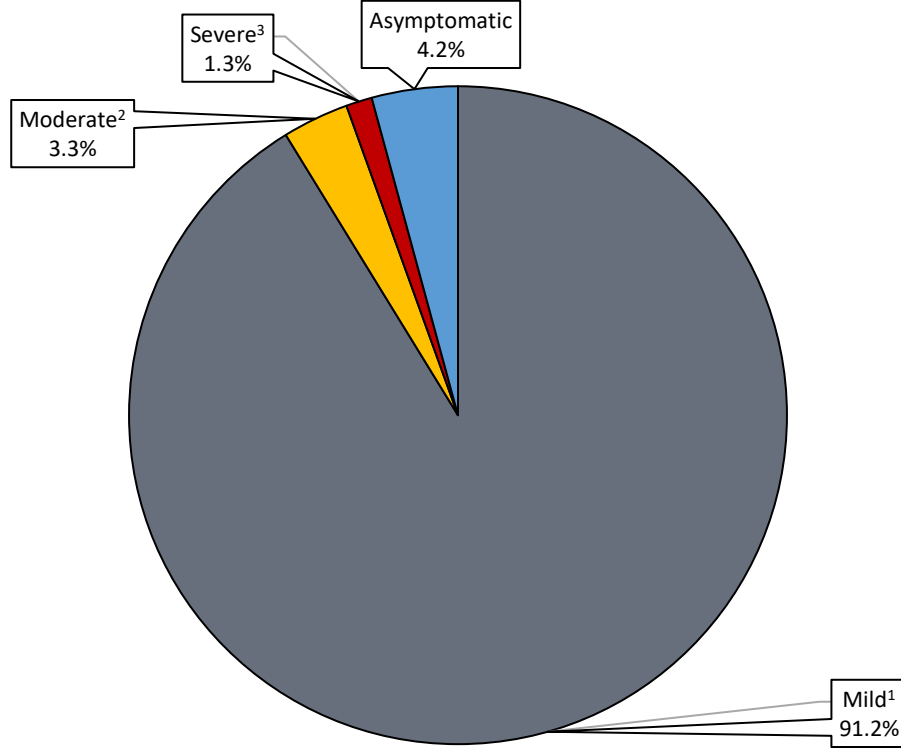


¹This information does not include incarcerated cases

²Deaths are counted by county of primary residence as listed on the death certificate. Temporary housing such as a skilled rehabilitation facility, dormitory, or correctional facility is not typically listed as a primary residence. Cases are counted by county of residence as provided by the patient at time of diagnosis. This is in accordance with the ODH.

This data was collected at 10:30 AM on 10/22/2021

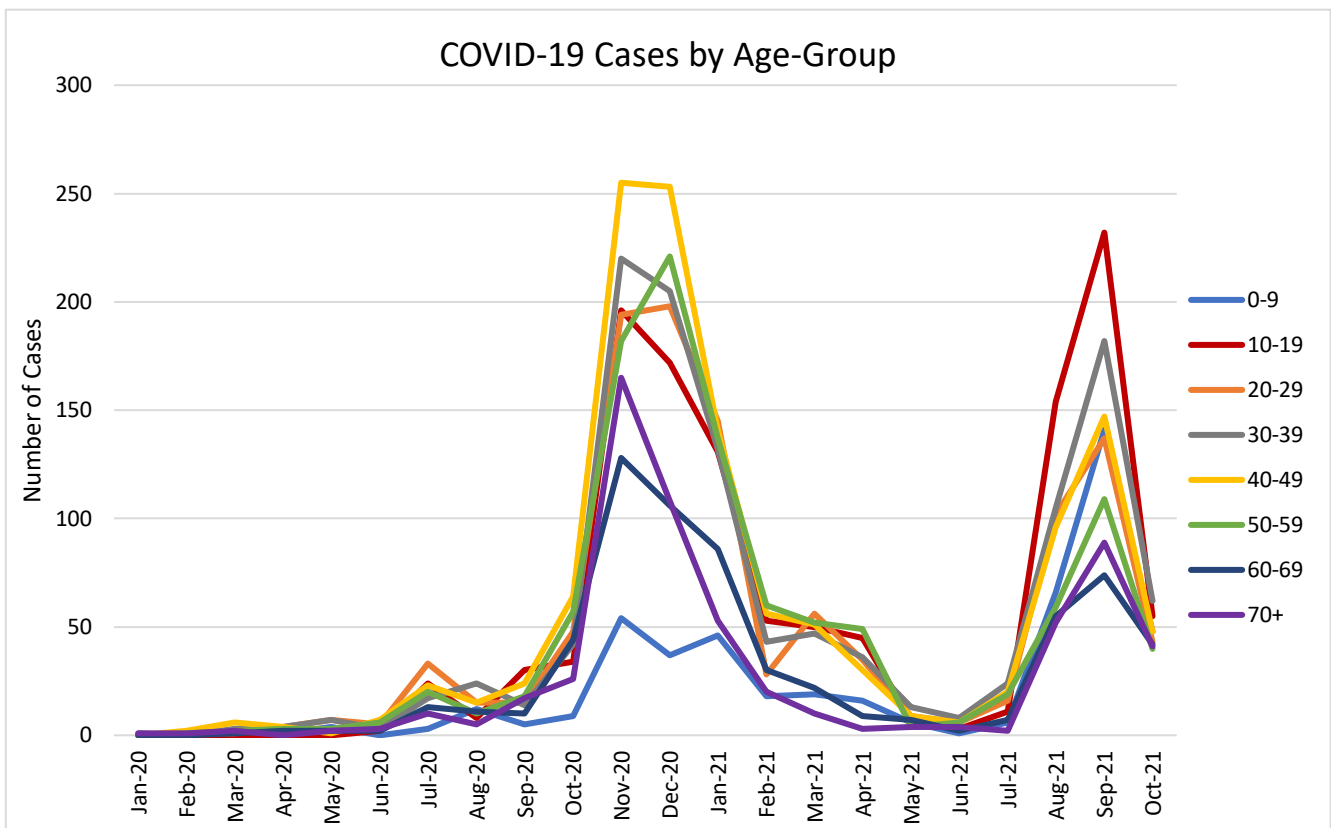
Severity of Illness Among COVID-19 Cases Reported in Union County



¹Mild illness includes those who were able to recover at home

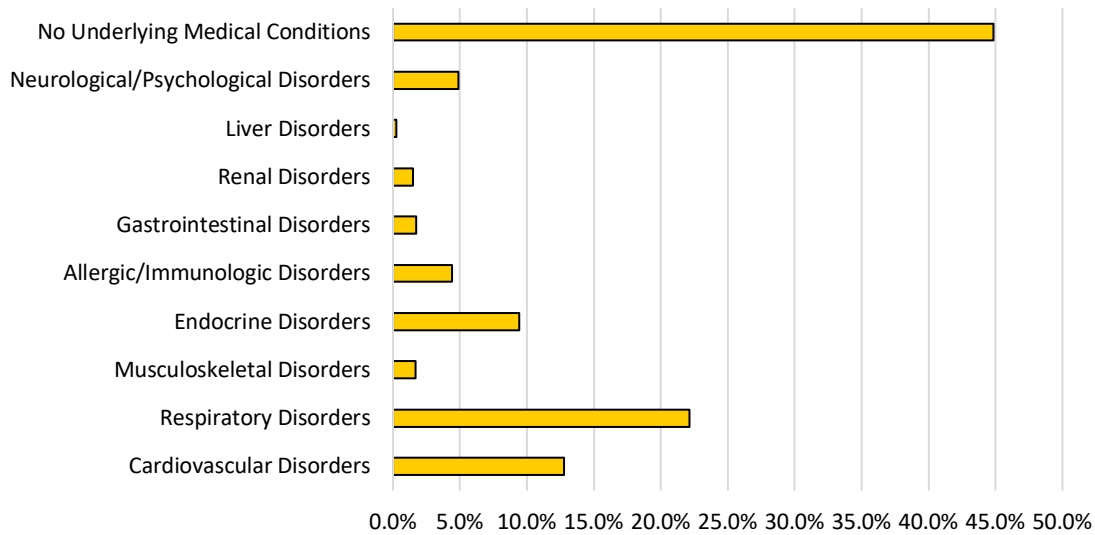
²Moderate illness includes cases who required hospitalization

³Severe illness includes cases who were hospitalized in intensive care, were intubated, or died as a result of their illness



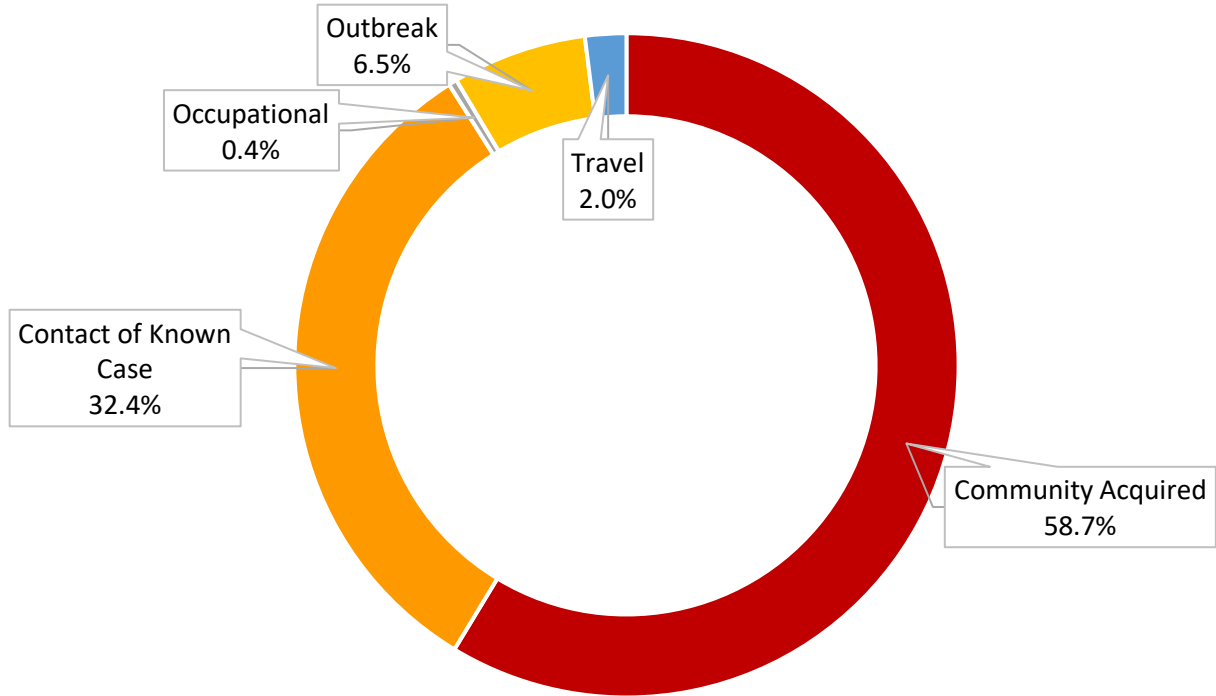
This data was collected at 10:30 AM on 10/22/2021

Underlying Health Conditions of Union County COVID-19 Cases



Neurological/Psychology Disorders include Parkinson's disease, epilepsy, Alzheimer's disease, dementia, ADHD, narcolepsy, stroke, depression, and anxiety
 Liver Disorders include hepatitis
 Renal Disorders include kidney reflux and kidney disease
 Gastrointestinal Disorders include irritable bowel syndrome, Chron's disease, reflux
 Endocrine Disorders include diabetes, hypothyroidism, PCOS, Addison's Disease, and being obese or overweight
 Musculoskeletal Disorders include arthritis and fibromyalgia
 Respiratory Disorders include chronic lung disease (Asthma/Emphysema/COPD/Bronchitis) and being a former or current smoker
 Cardiovascular Disorders include atrial fibrillation, hypertension, heart disease, and sleep apnea

Union County COVID-19 Case Exposures



¹Occupational exposures include those working in the following settings: health care, first responder, prison

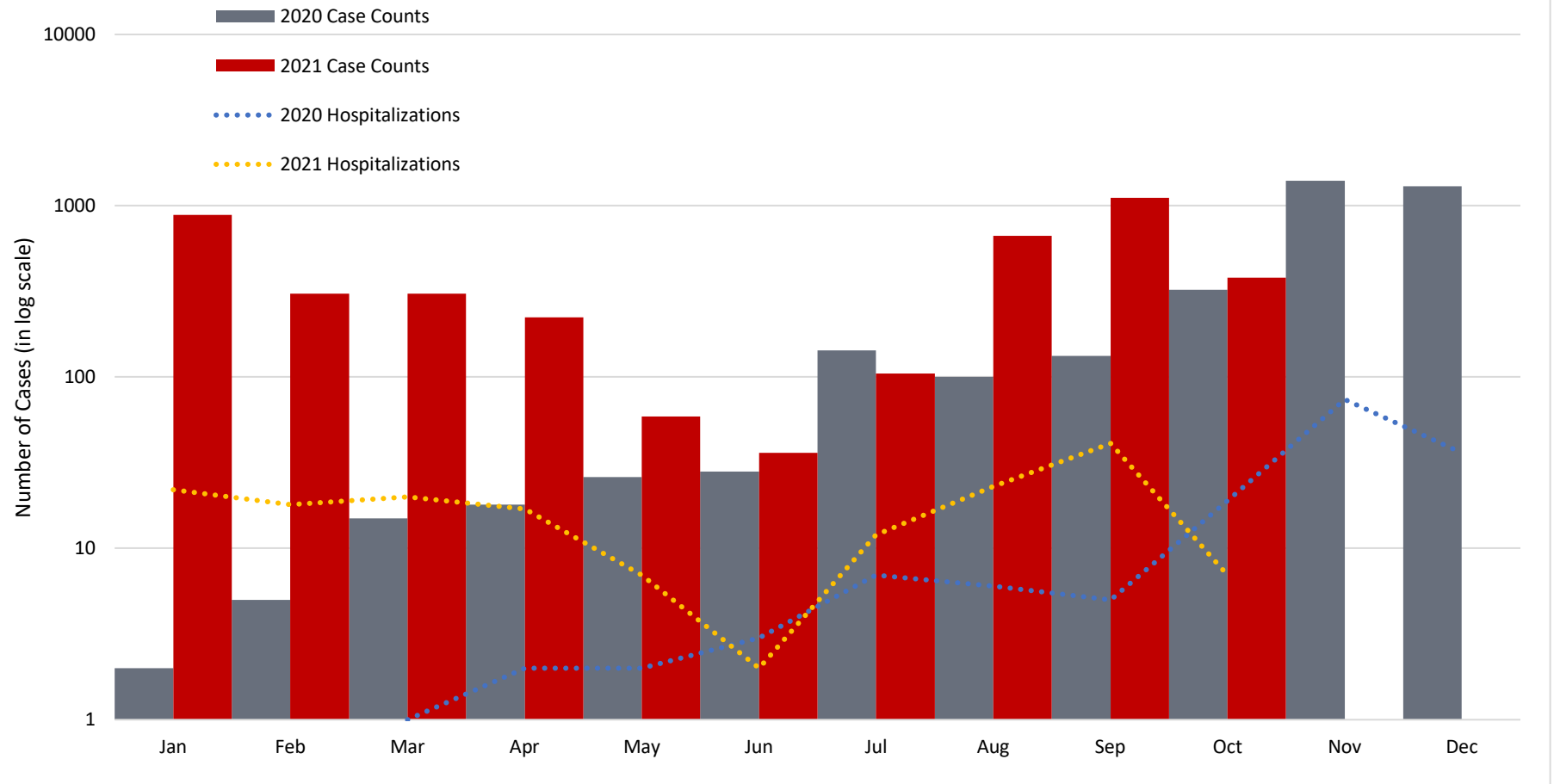
²Community acquired denotes unknown source of exposure

³Travel associated exposures include those acquired while visiting areas experiencing sustained community spread

⁴Oubreak denotes cases associated with an identified outbreak cluster

This data was collected at 10:30 AM on 10/22/2021

Confirmed and Probable COVID-19 Cases and Hospitalizations Reported in the Union County Community

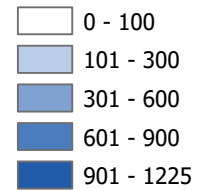


¹This graph does not include incarcerated cases

This data was collected at 10:30 AM on 10/22/2021

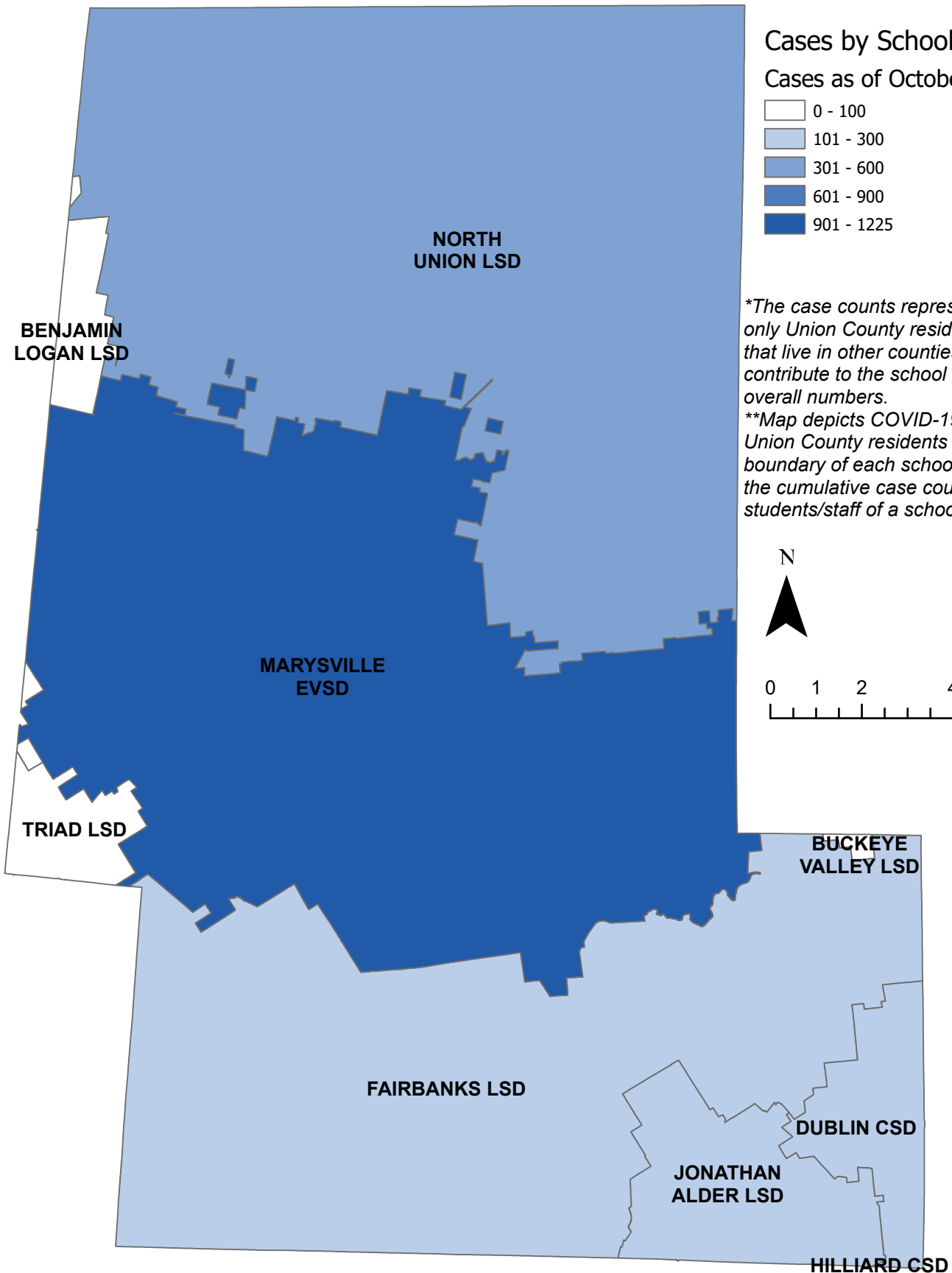
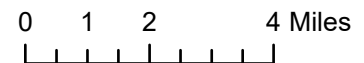
Union County COVID-19 Cases by School District Beginning July 1, 2021

Cases by School District
Cases as of October 22, 2021

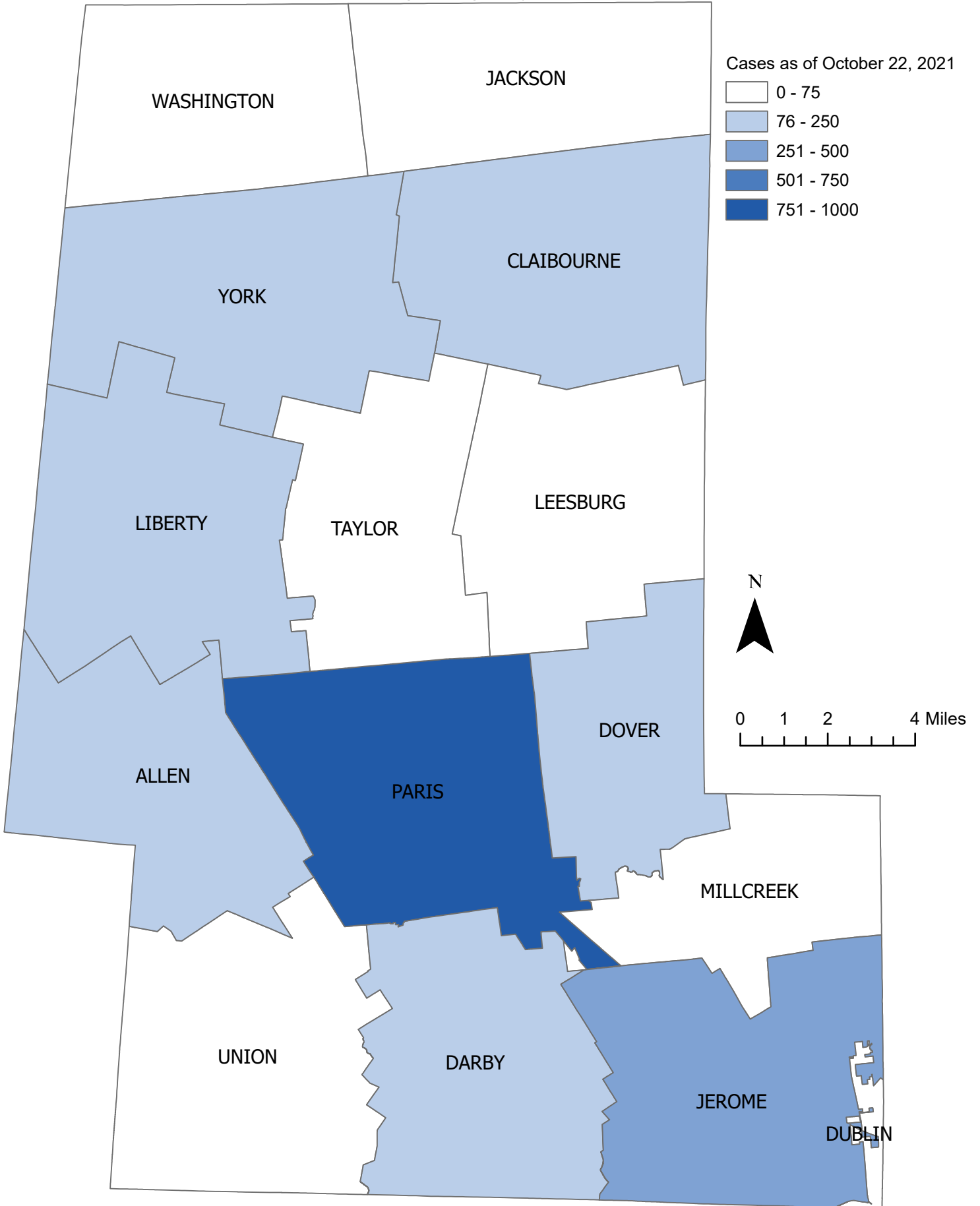


**The case counts represented are only Union County residents. Cases that live in other counties may contribute to the school districts overall numbers.*

***Map depicts COVID-19 cases among Union County residents by the geographic boundary of each school district. It is NOT the cumulative case count for students/staff of a school district.*



Union County COVID-19 Cases by Township of Residence Beginning July 1, 2021



To be released from isolation a person must meet the following criteria:

1. Be fever free for at least 24 hours without the use of medicine that reduces fevers
-AND-
2. Have improvement of symptoms (for example, cough or shortness of breath have improved)
-AND-
3. At least 10 days have passed symptoms first began

For more information please visit: <https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/end-home-isolation.html>

Case Definitions:

Probable: includes the following:

- Individuals experiencing symptoms of COVID-19 who have either traveled to an area experiencing community spread or who are a contact of a laboratory confirmed case
-OR-
- Individuals with a positive antigen result via a test authorized by an FDA under an emergency use authorization

Confirmed: individuals with laboratory confirmation of COVID-19, which is detection of SARS-CoV-2 RNA in a clinical or autopsy specimen using a molecular amplification detection test

For more information please visit: https://cdn.ymaws.com/www.cste.org/resource/resmgr/2020ps/interim-20-id-01_covid-19.pdf

Recovered: individuals who are no longer experiencing symptoms or have had improvement of symptoms and who have been released from isolation

