Children's MINNESOTA

RESPIRATORY VIRAL & GAS (THROAT/ETT) ILLNESS ACTIVITY WEEKLY REPORT

Prepared by Infection Prevention & Control

Data updated through October 21, 2023

Respiratory Viral & GAS (Throat/ETT) Illness Surveillance

- Lab confirmed pathogen surveillance data includes Minneapolis and St. Paul:
  - Inpatients
  - Emergency departments
  - Primary care clinics
- Bronchiolitis surveillance begins Oct. 1 and excludes patients with viral testing, chronic conditions, asthma, and pneumonia diagnoses.
- All data are preliminary and may change.
- Lab confirmed pathogen surveillance and bronchiolitis surveillance exclude ambulatory sites not using Cerner: Partners in Pediatrics, MetroPeds, Hugo, West St. Paul

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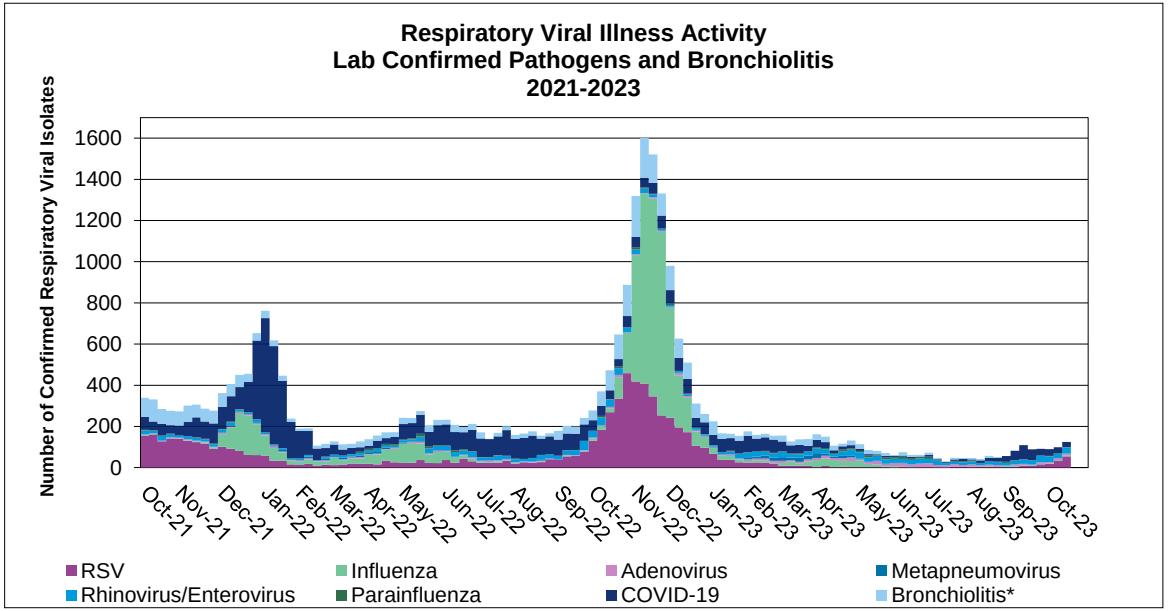
Last Updated: 10/23/2023

Respiratory Viral Illness Activity

- Total # of lab confirmed cases this week = 125



*Bronchiolitis data is pulled using ICD-10 coding and is delayed by a few weeks.
A 4-plex test was introduced in December 2020 which includes COVID-19, RSV, and Influenza A/B. Providers have the option to remove RSV from this test. COVID-19 admission testing started in June 2020 and ended November 2022.
Note: Data includes all positive isolates and therefore may be an over-representation of patients with respiratory illness. At Children's MN in the past year, 7-19% of isolates received in lab had mixed infections. This percentage differs each month.

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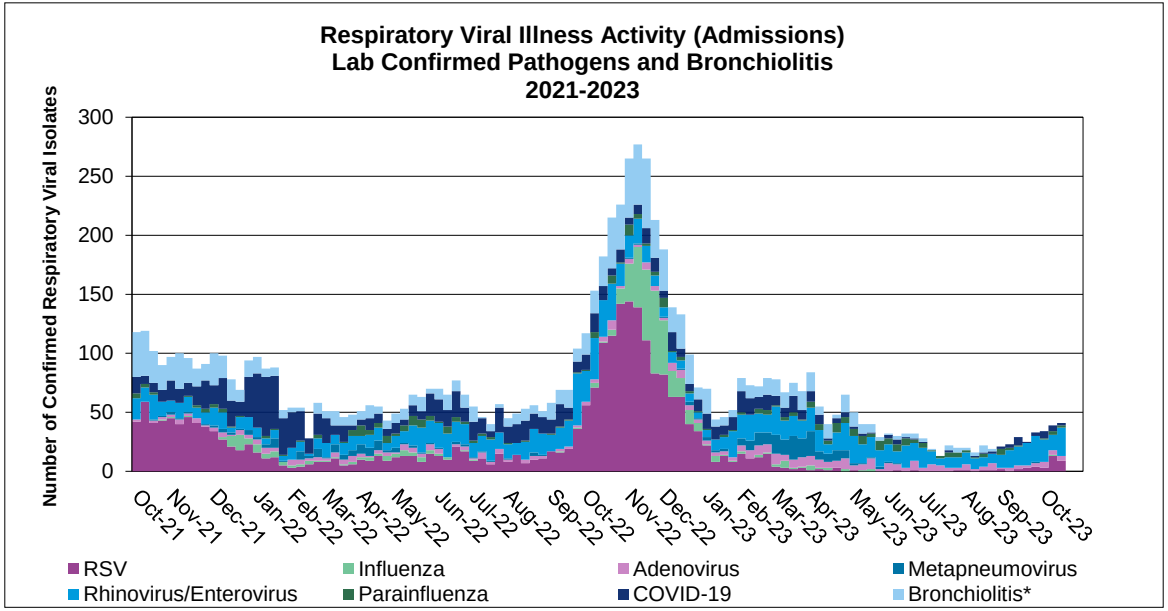
Admissions: Respiratory Viral Illness Activity

- Total # of lab confirmed admitted cases this week = 41



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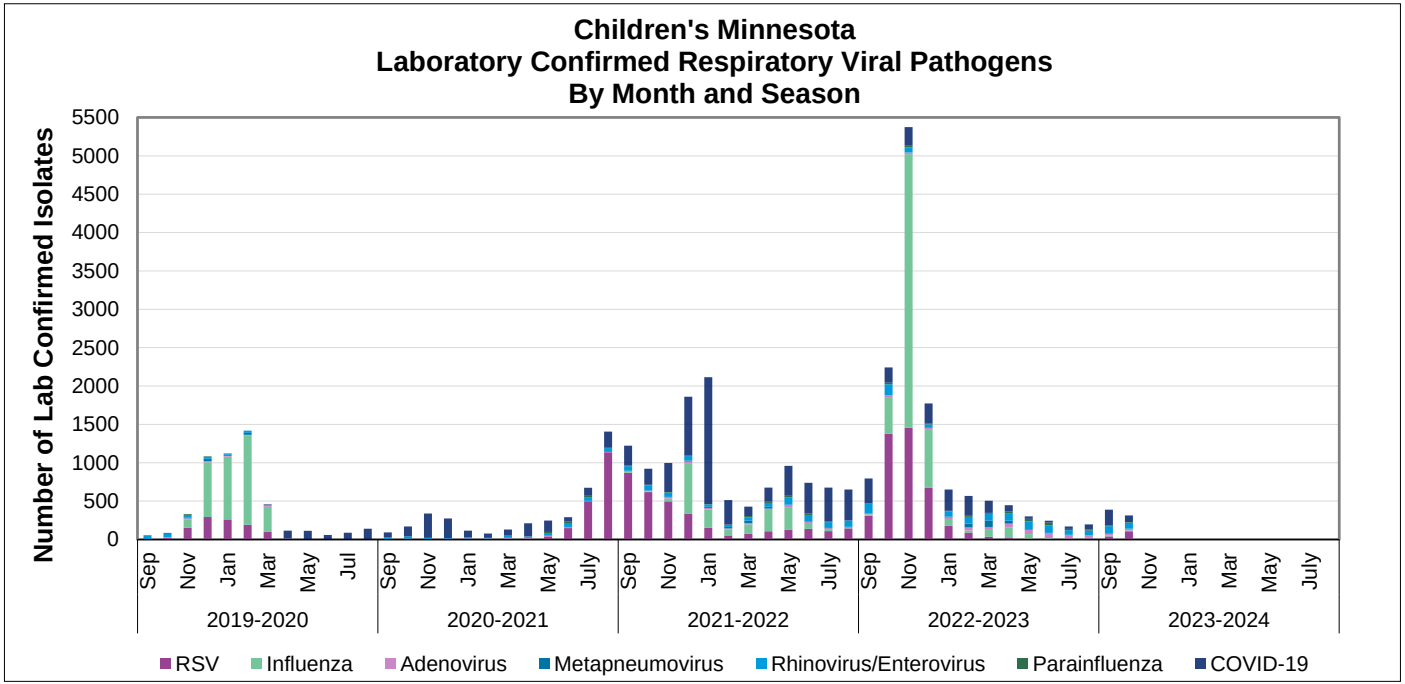
SEASONAL GRAPHS

Respiratory Viral Illness Activity: Seasonal



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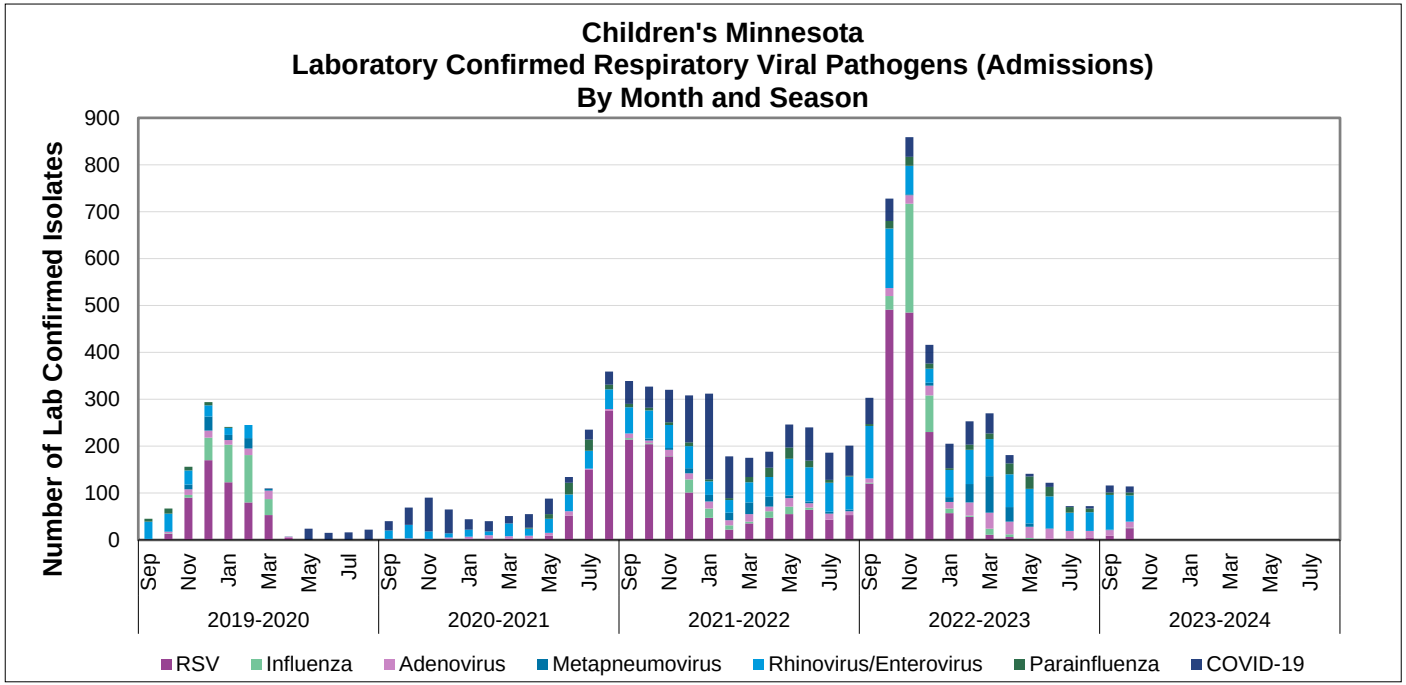
Respiratory Viral Illness Activity: Seasonal Admissions



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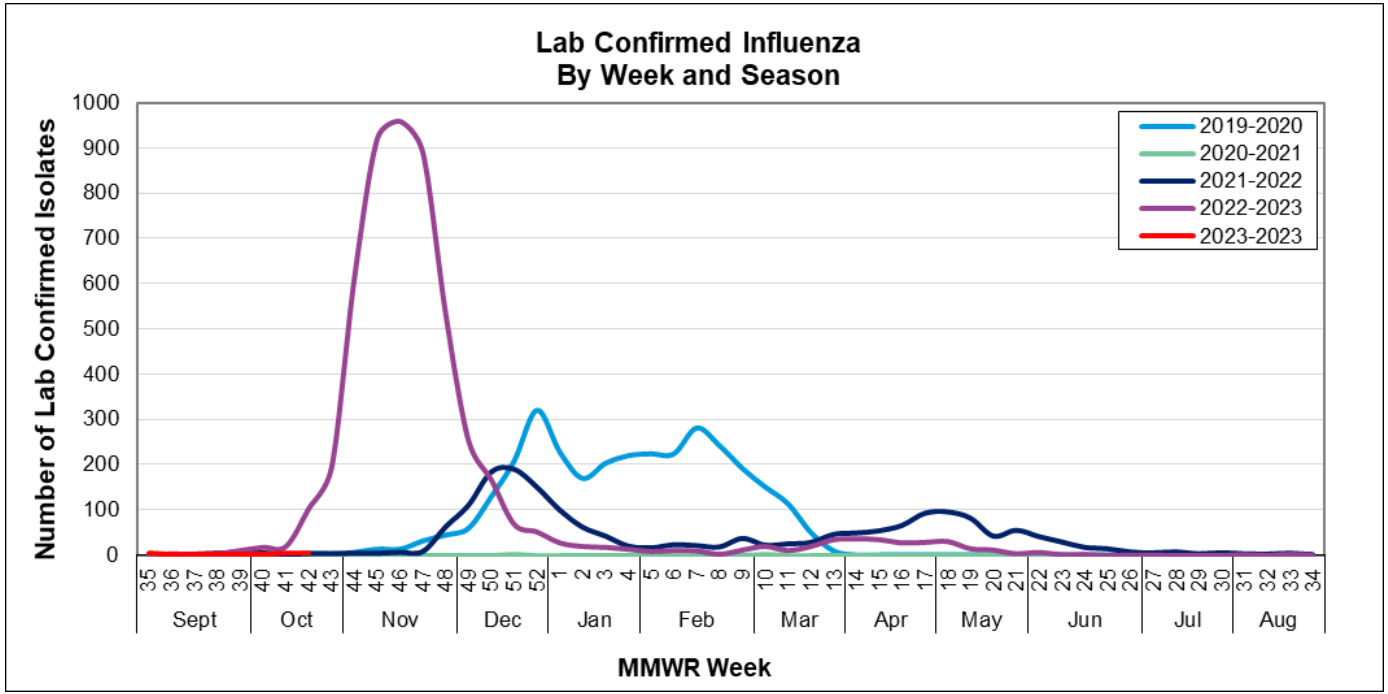
Respiratory Viral Illness Activity: Seasonal Influenza



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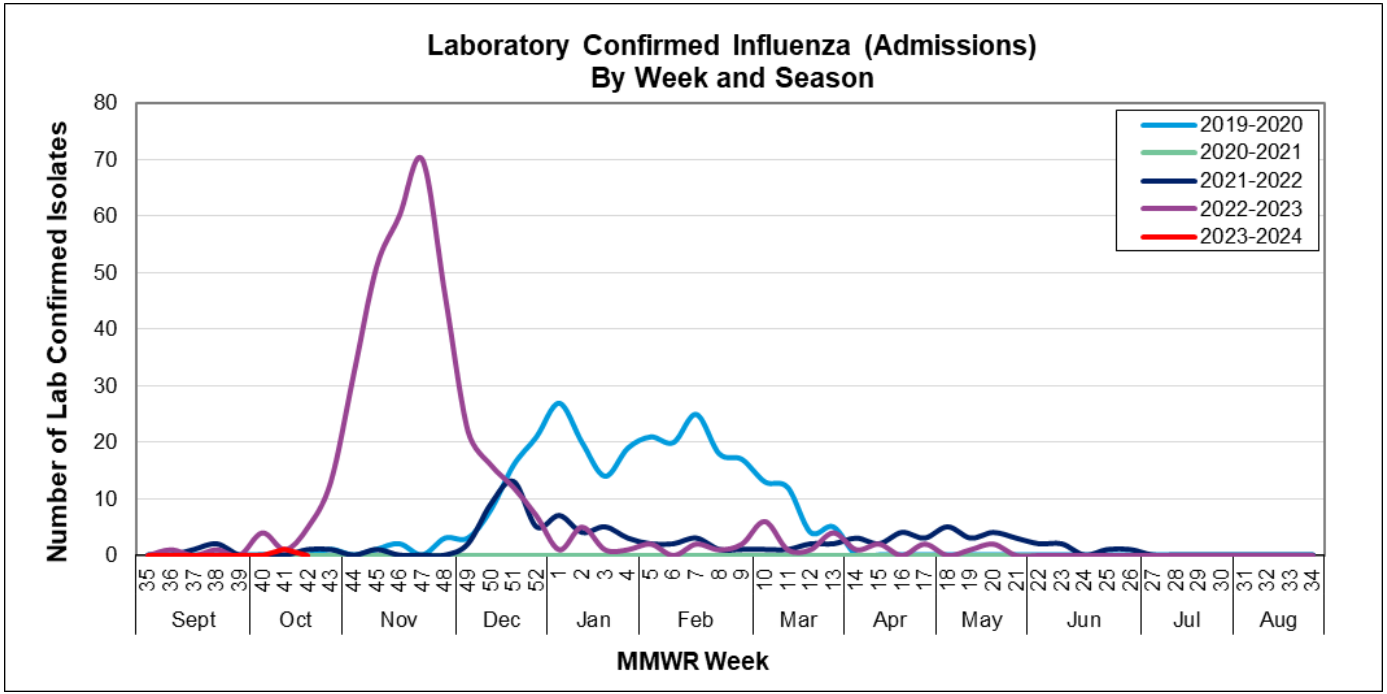
Respiratory Viral Illness Activity: Seasonal Influenza Admissions



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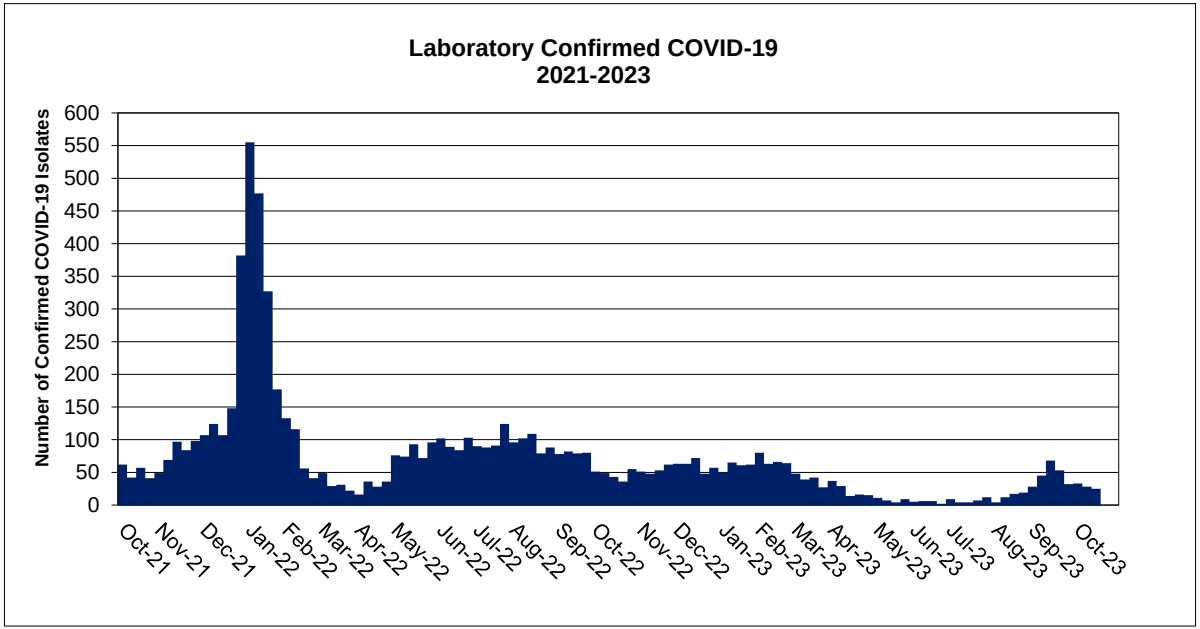
WEEKLY GRAPHS

Respiratory Viral Illness Activity: COVID-19 PCR

- Total # of lab confirmed cases this week = 30



Note: COVID-19 admission testing started in June 2020 and ended November 2022.

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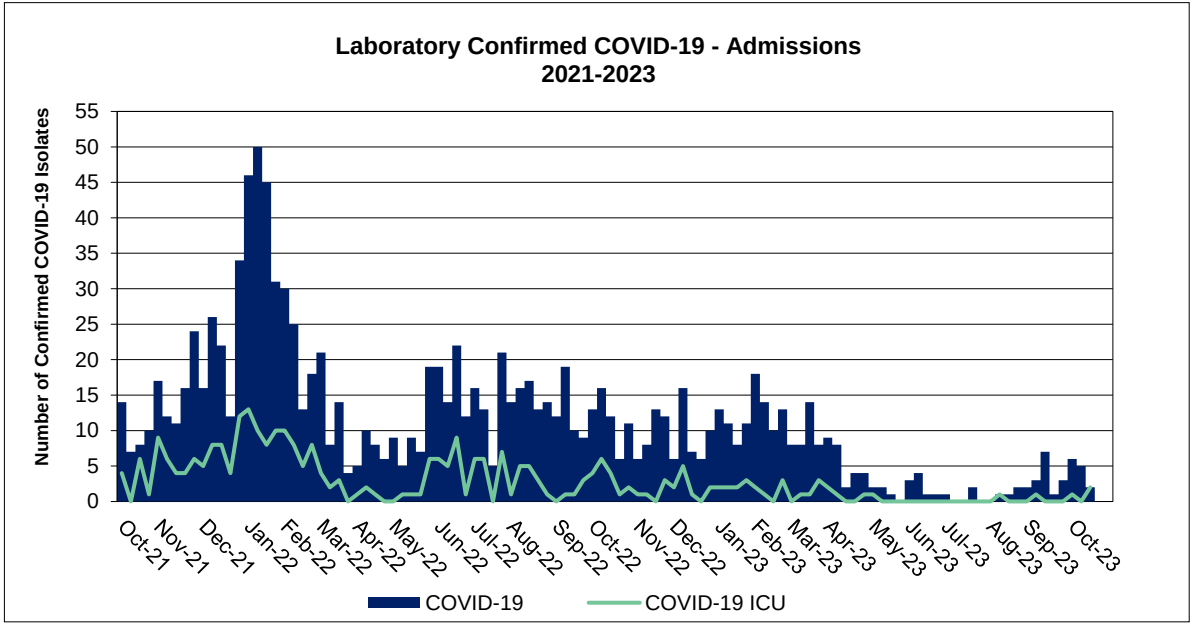
Respiratory Viral Illness Activity: COVID-19 PCR (Admissions)

- Total # of lab confirmed admitted cases this week = 2



Note: COVID-19 admission testing started in June 2020 and ended November 2022. COVID-19 positive tests among admitted patients. COVID-19 may or may not be the reason for admission.

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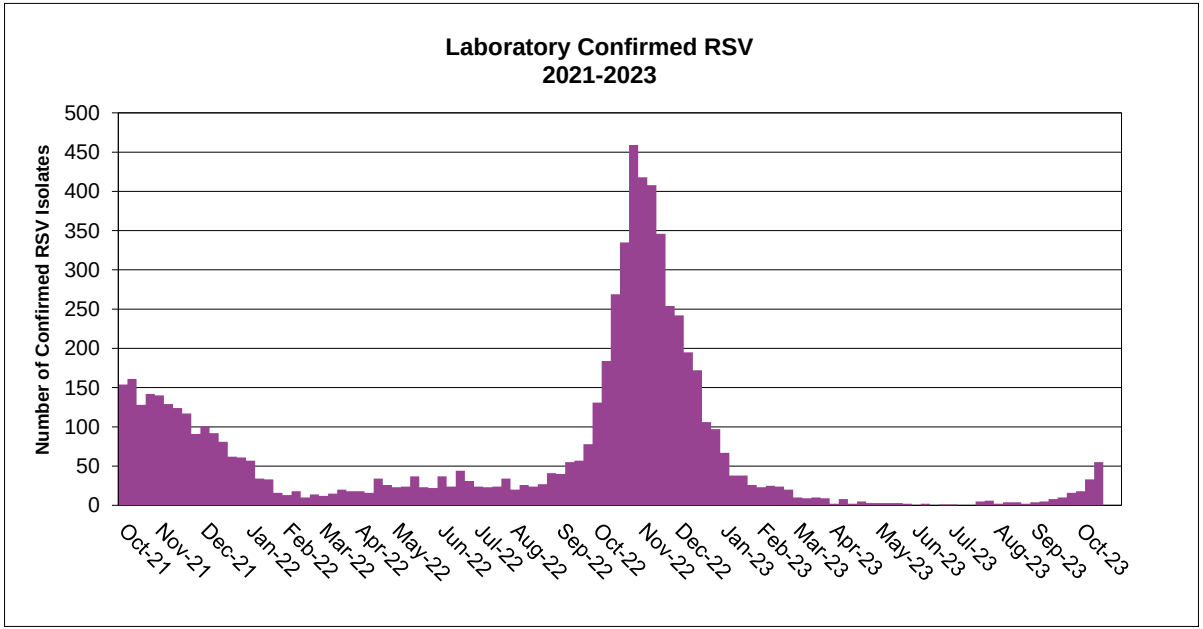
Respiratory Viral Illness Activity: Respiratory Syncytial Virus

- Total # of lab confirmed cases this week = 55



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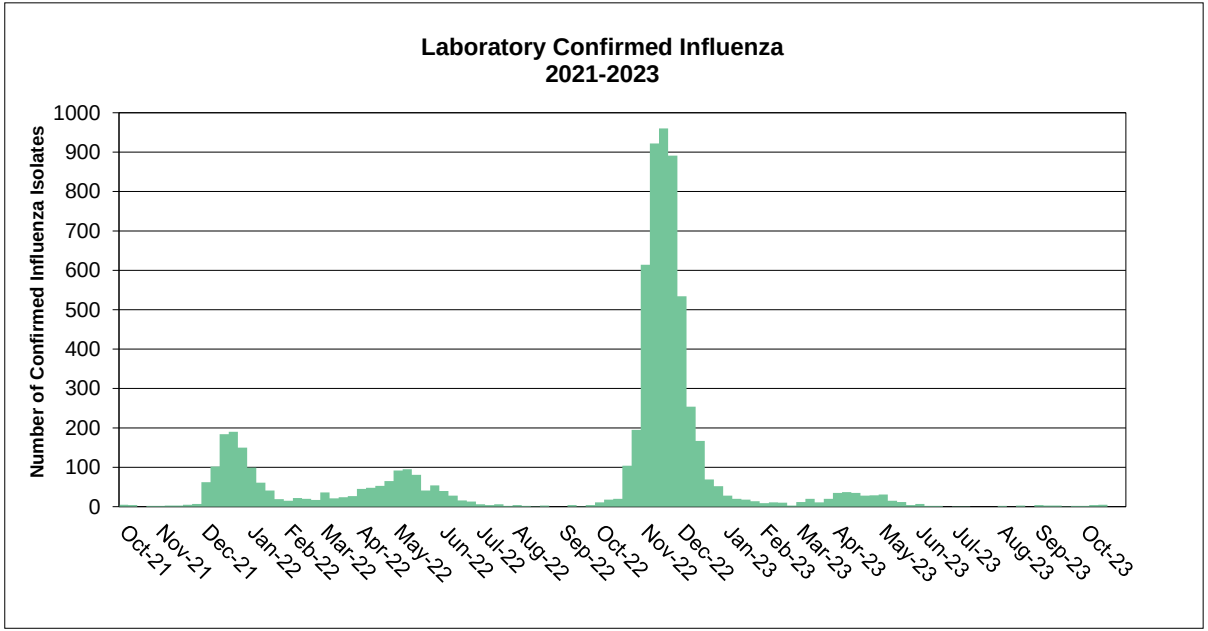
Respiratory Viral Illness Activity: Influenza

- Total # of lab confirmed cases this week = 5



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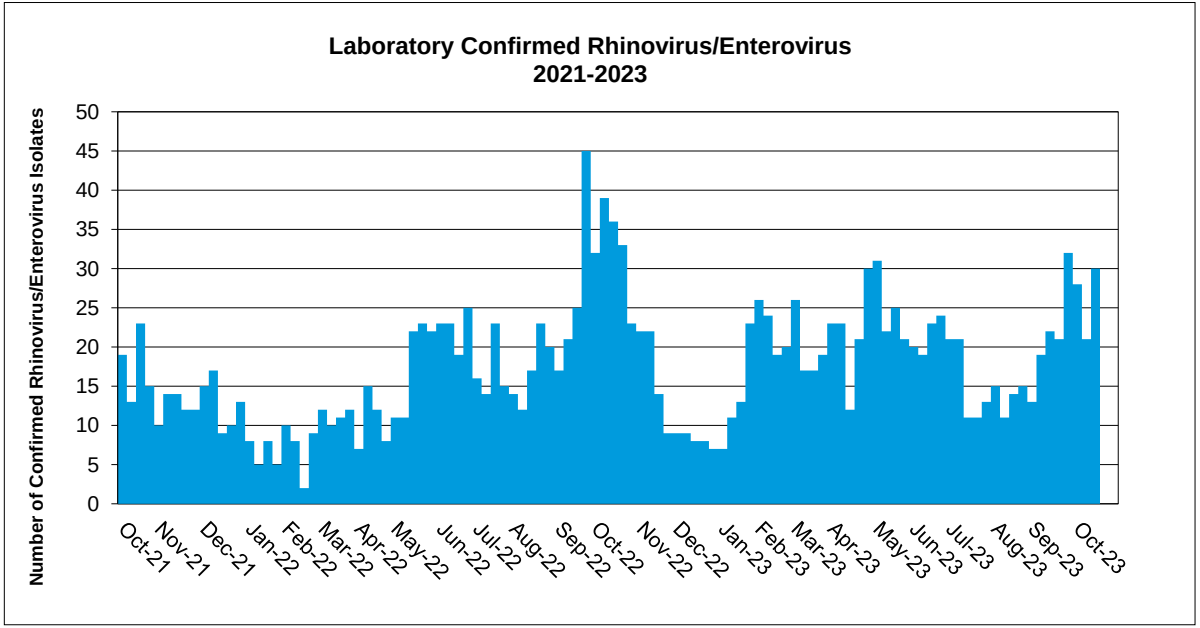
Respiratory Viral Illness Activity: Rhinovirus/Enterovirus

- Total # of lab confirmed cases this week = 30



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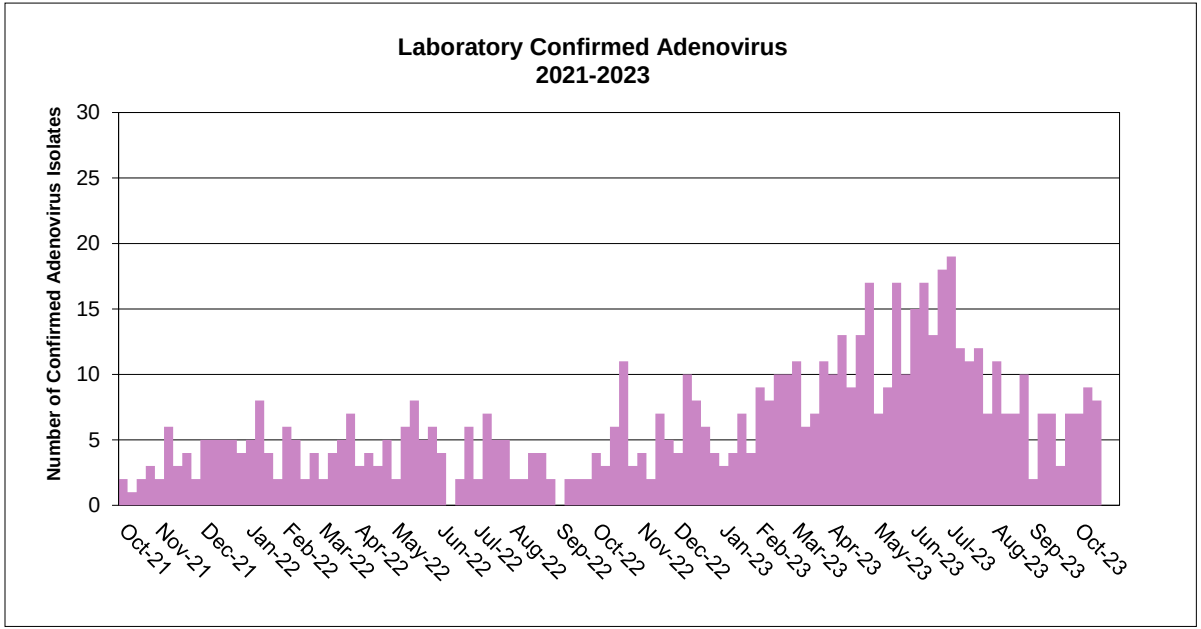
Respiratory Viral Illness Activity: Adenovirus

- Total # of lab confirmed cases this week = 8



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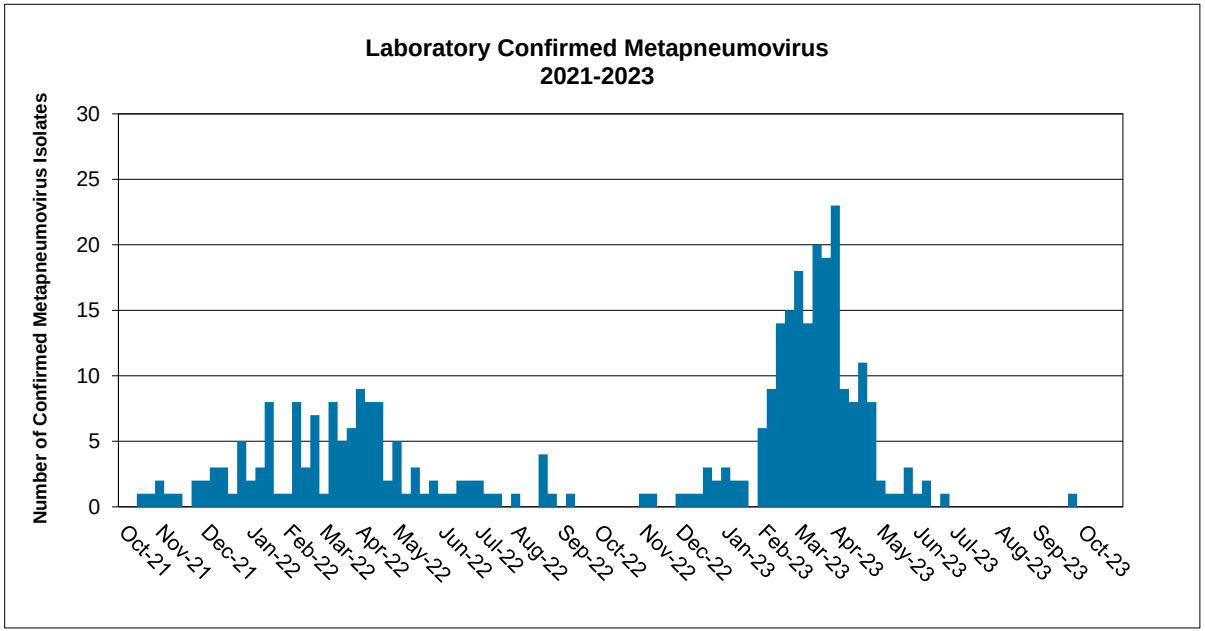
Respiratory Viral Illness Activity: Metapneumovirus

- Total # of lab confirmed cases this week = 0



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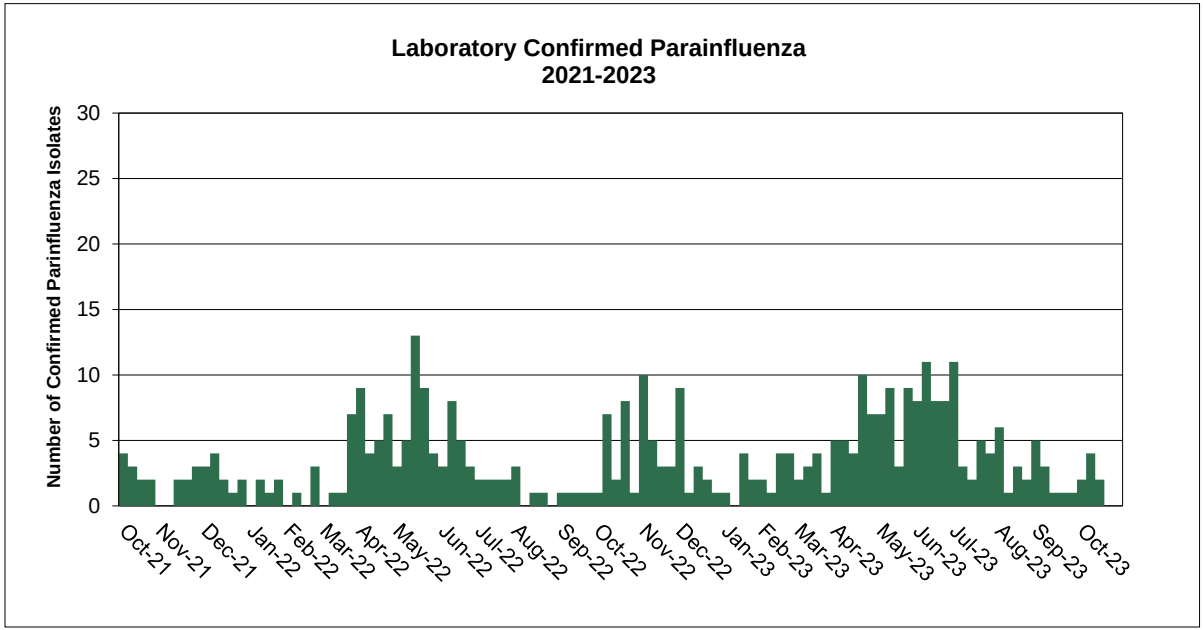
Respiratory Viral Illness Activity: Parainfluenza

- Total # of lab confirmed cases this week = 2



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GROUP A STREP (THROAT/ETT) GRAPHS

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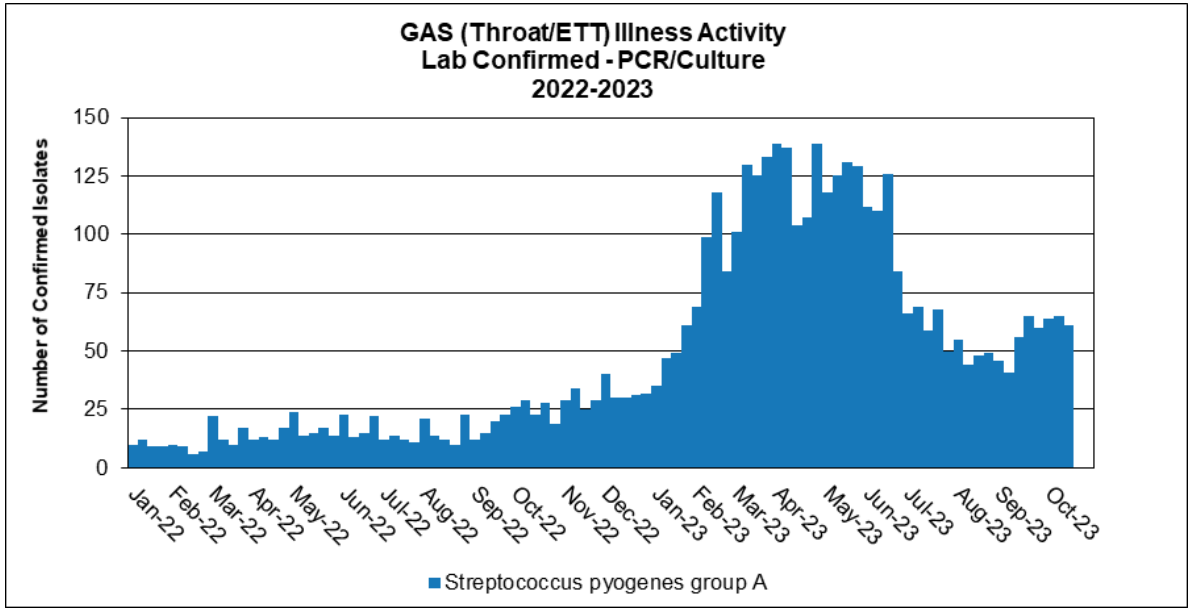
Group A Strep (Throat/ETT) Illness Activity

- Total # of lab confirmed cases this week = 61



Note: Data includes all positive isolates and therefore may be an over-representation of patients with respiratory illness.

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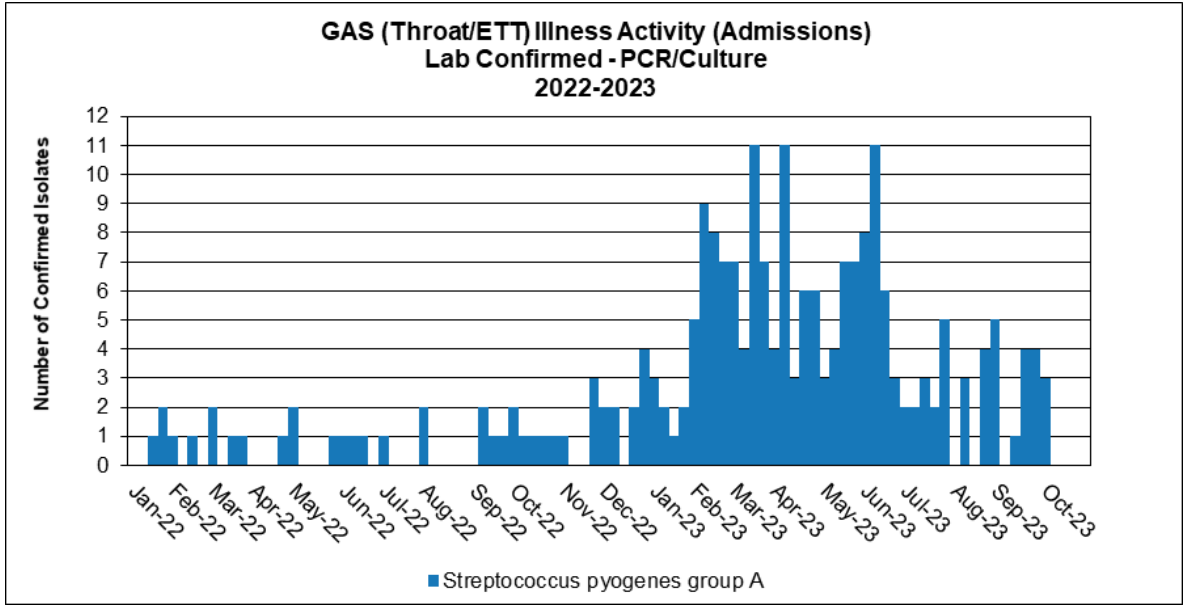
Admissions: Group A Strep (Throat/ETT) Illness Activity

- Total # of lab confirmed admitted cases this week = 0



Note: Data includes all positive isolates and therefore may be an over-representation of patients with respiratory illness.

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