

# Regional Syndromic Surveillance Bi-Weekly Report

Wednesday March 13th, 2019 - Tuesday March 26th, 2019

Health Unit Coverage = KFL&A, HPECHU, LGL

Kingston, Frontenac & Lennox and  
Addington Public Health Knowledge  
Management Team

## ACES Hospital Emergency Department (ED) Activity

**Summary:** Overall emergency room visit volume was stable across all health unit jurisdictions compared to the previous two week period of February 27th through March 12th. (KFL&A: 5008 vs. 5113 HPE: 4199 vs. 4093 LGL: 4519 vs. 4533).

**Info. items:** 1) Influenza- and respiratory-related emergency department visit activity continues to remain at low levels. 2) Provincially, influenza A is still circulating at high levels in terms of percent positivity over the past 12 weeks (see page 5). Nationally, influenza A(H3N2) detections continue to steadily increase and accounted for over 64% of subtyped influenza A specimens between March 10th - 16th. A(H1N1) is still the dominate strain this season while influenza B circulation remains at very low levels. 3) KFL&A PH has been notified of 73 lab confirmed cases of influenza A and 6 cases of influenza B for the 2018-2019 season. Please visit our [ILI mapper](#) website for ongoing updates this respiratory season.

**KFL&A Respiratory:** There is currently one influenza A outbreak occurring in a local long-term care/retirement facility. There was also a human metapneumovirus outbreak that has subsequently been declared over.

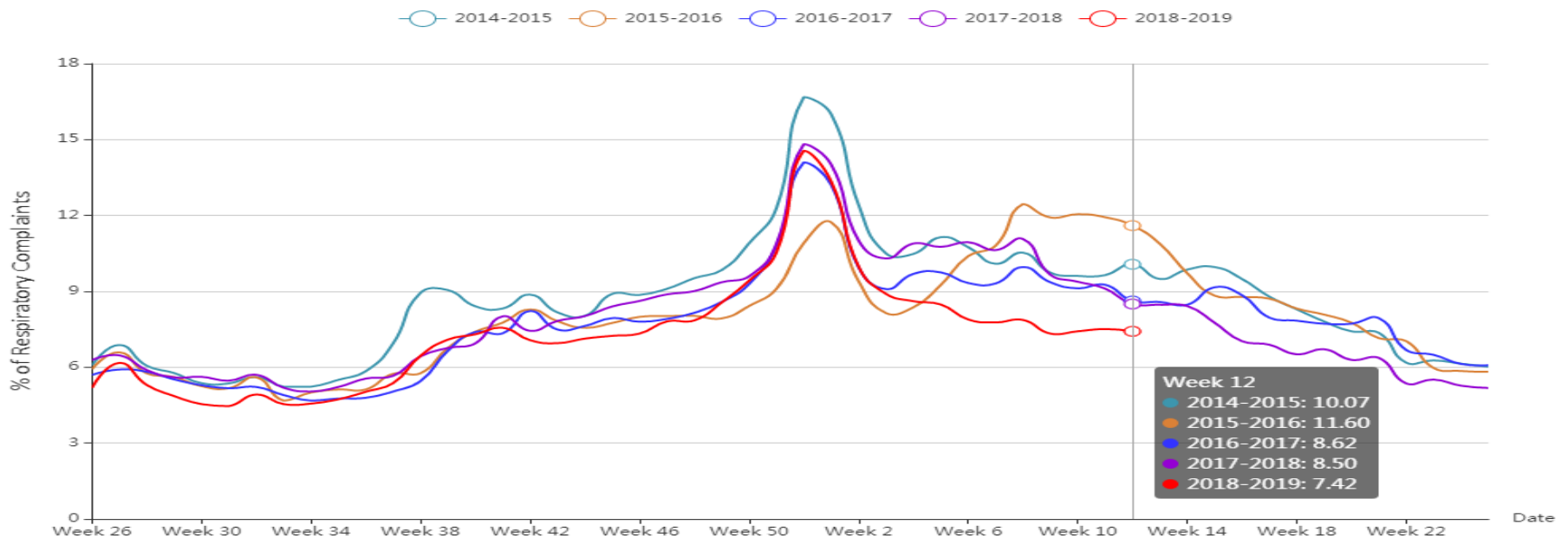
**KFL&A Gastrointestinal:** There is currently one enteric outbreak occurring in a local long-term care/retirement facility.

### Local Admissions of Interest

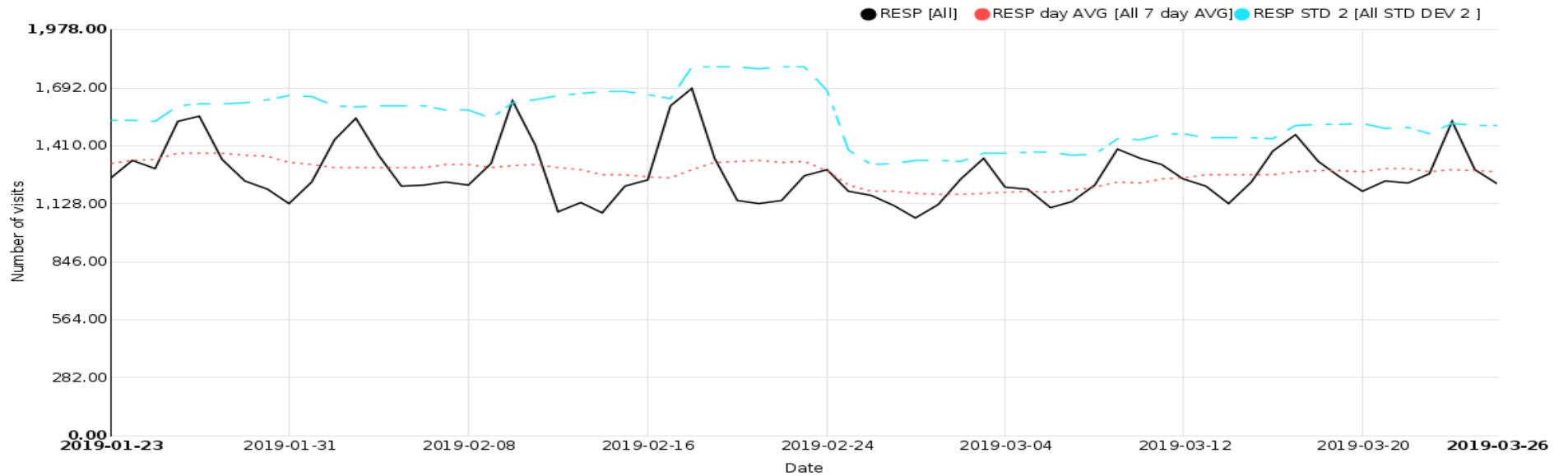
Date	Hospital	Reason for Admission
13/03/2019	KGH	NECROTIZING FASCIITIS
17/03/2019	KGH	FENTANYL OVERDOSE
19/03/2019	KGH	OVERDOSE
21/03/2019	KGH	QUERY LEGIONELLA PNEUMONIA
25/03/2019	KGH	BACTERIAL MENINGITIS

NOTE: Further details can be obtained by contacting KFL&A PHI staff at [adam.vandijk@kflaph.ca](mailto:adam.vandijk@kflaph.ca) or 613-549-1232 x1510 All feedback is welcome and appreciated.

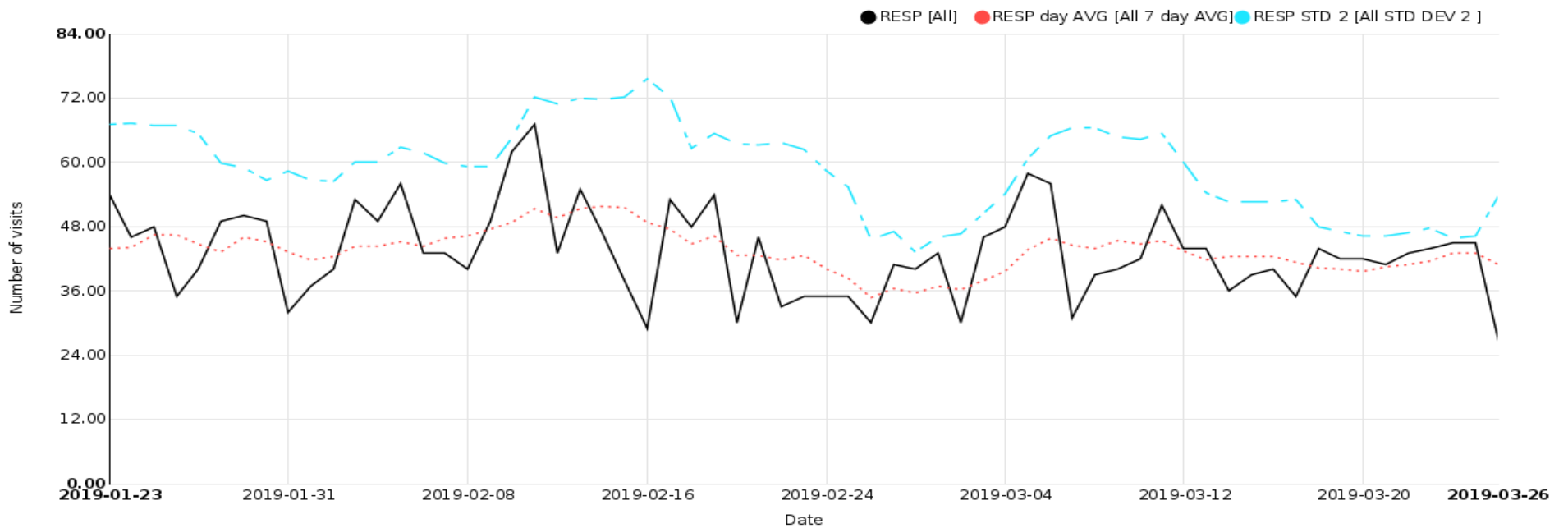
### ED respiratory visits curve for Ontario hospital providing data to the ACES system along with previous year comparisons



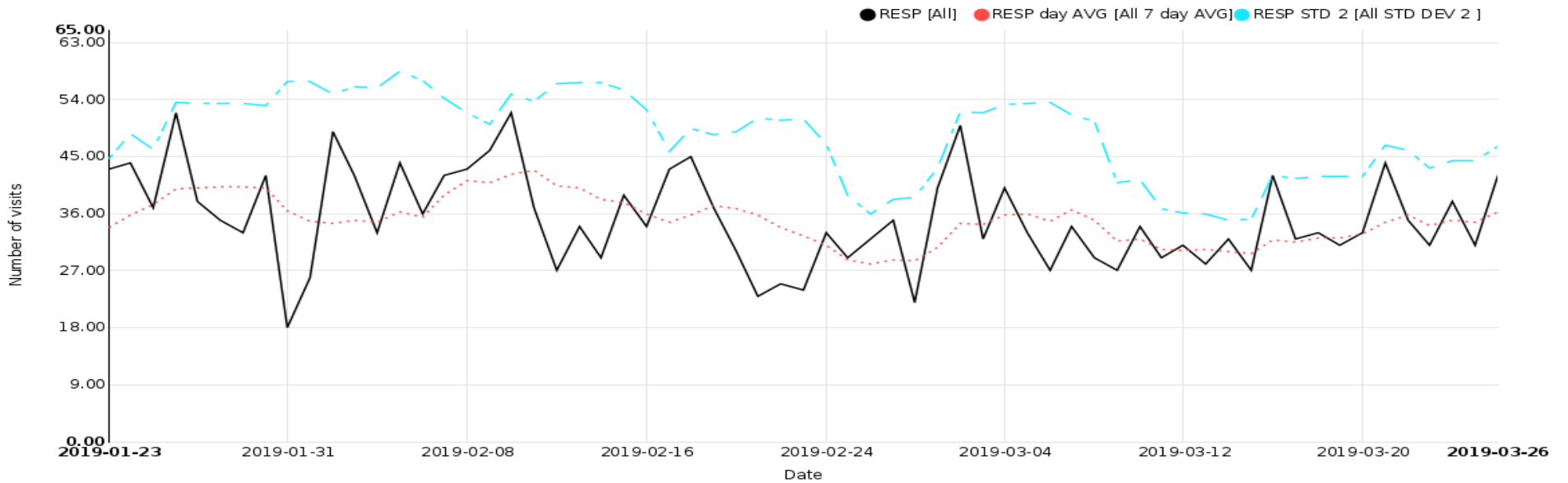
## Respiratory ED Visits to Participating Ontario Hospitals



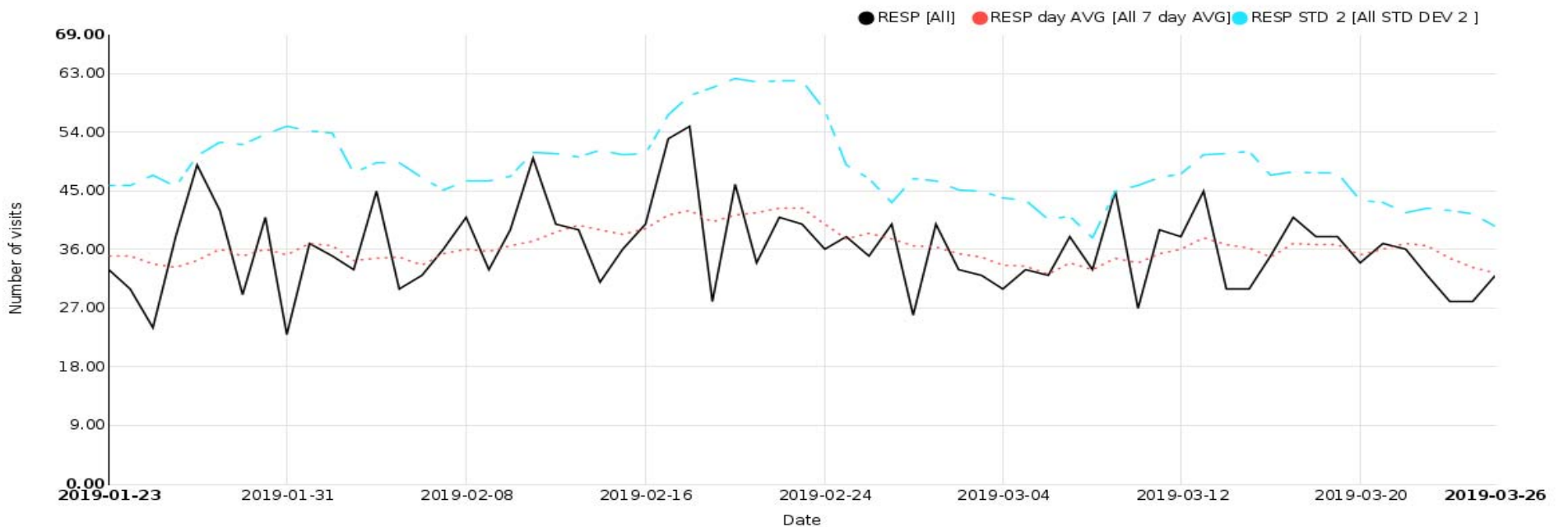
## Respiratory ED Visits for KFL&A Health Unit



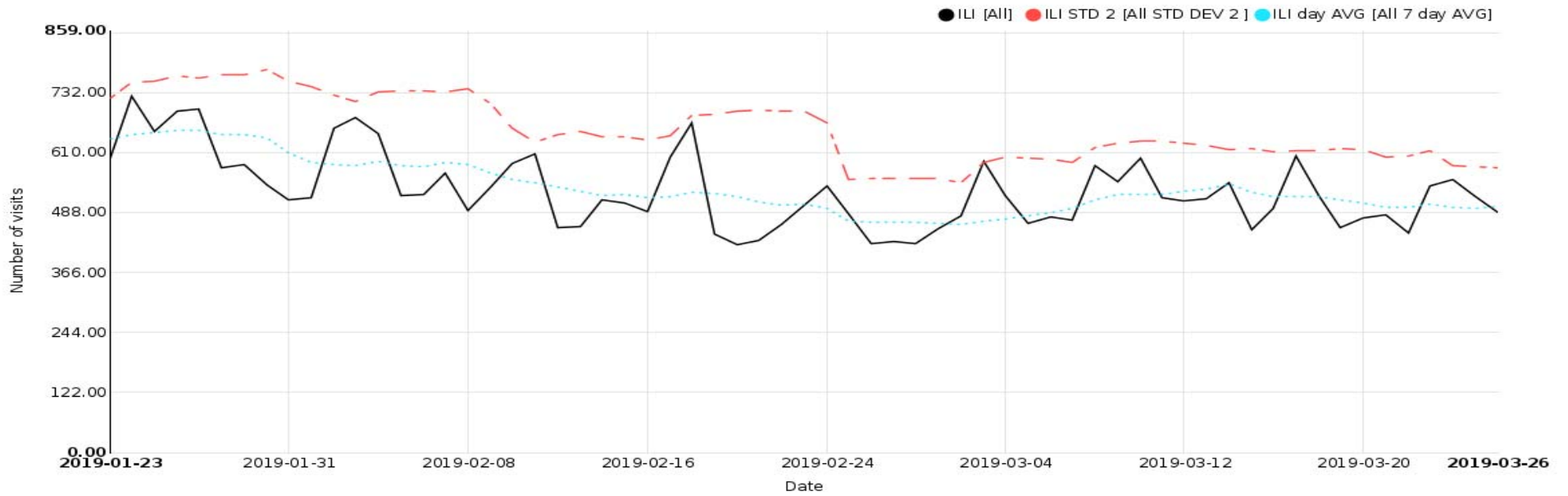
## Respiratory ED Visits for HPE Health Unit



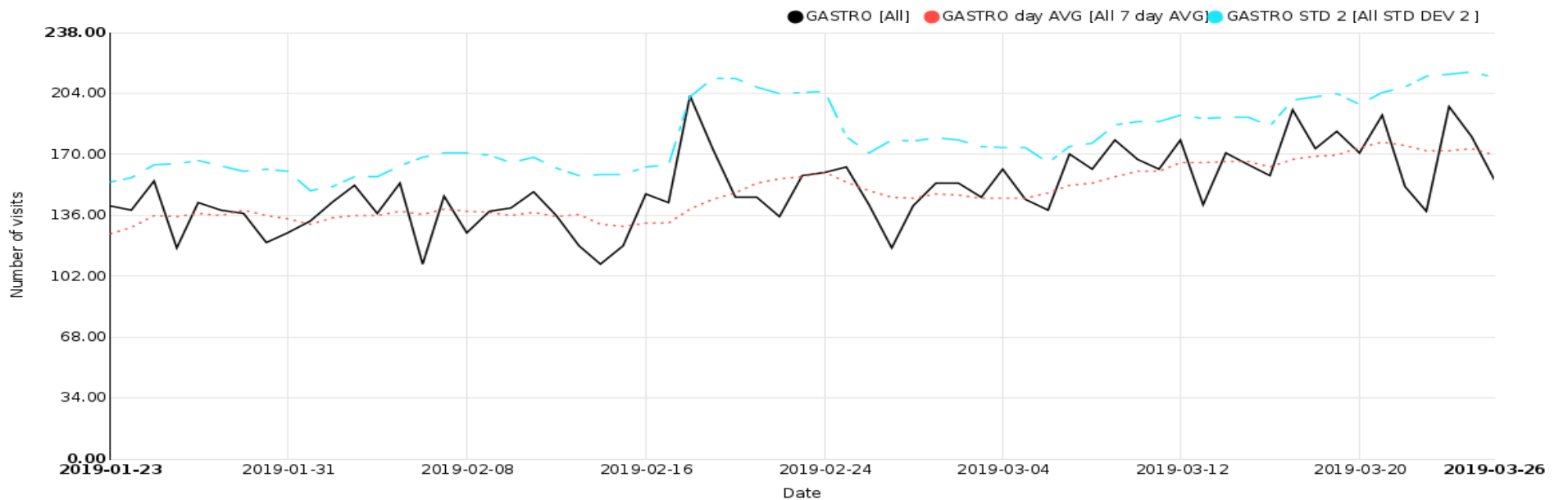
## Respiratory ED Visits for LGL Health Unit



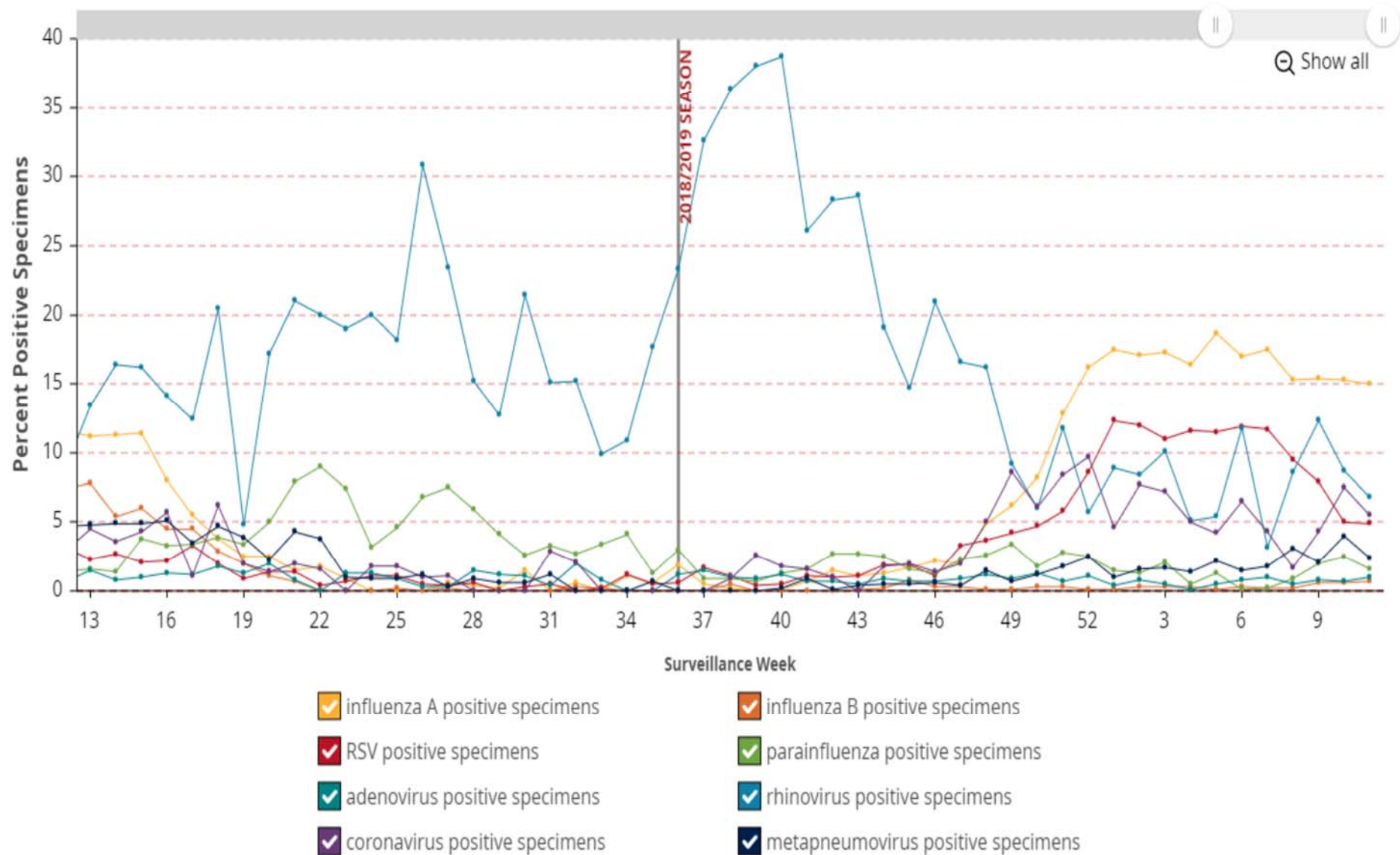
## Influenza-Like Illness/Fever ED Visits to Participating Ontario Hospitals



## Gastrointestinal ED Visits to Participating Ontario Hospitals



## Percent positivity of specimens tested for all respiratory viruses by week



\*Source: Ontario Respiratory Pathogen Bulletin, Public Health Ontario (with data obtained from the Public Health Agency of Canada's Respiratory Virus Detection tables)  
Please review section 10 of the weekly pdf report for further information on the data sources used in the Ontario Respiratory Pathogen Bulletin.