

Regional Syndromic Surveillance Bi-Weekly Report

Wednesday February 27th, 2019 - Tuesday March 12th, 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 13th through February 26th. (KFL&A: 5113 vs. 4897 HPE: 4093 vs. 4080 LGL: 4533 vs. 4402).

Info. items: 1) Influenza- and respiratory-related emergency department visit activity continues to remain at low levels. Influenza, as well as other cold-associated viruses continue to circulate but it is not translating into higher hospital volumes. 2) Provincially, influenza A continues to circulate at a relatively high level in terms of percent positivity over the past 10 weeks (see page 5). Nationally, most influenza severity indicators have remained the same for the past few weeks however A(H3N2) detections have steadily increased over the past 2 months. A(H1N1) is still the dominant strain this season while influenza B circulation remains at very low levels. 3) KFL&A PH has been notified of 65 lab confirmed cases of influenza A and 2 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 are currently 3 influenza A outbreaks and one unknown respiratory outbreak occurring in local long-term care/retirement facilities.

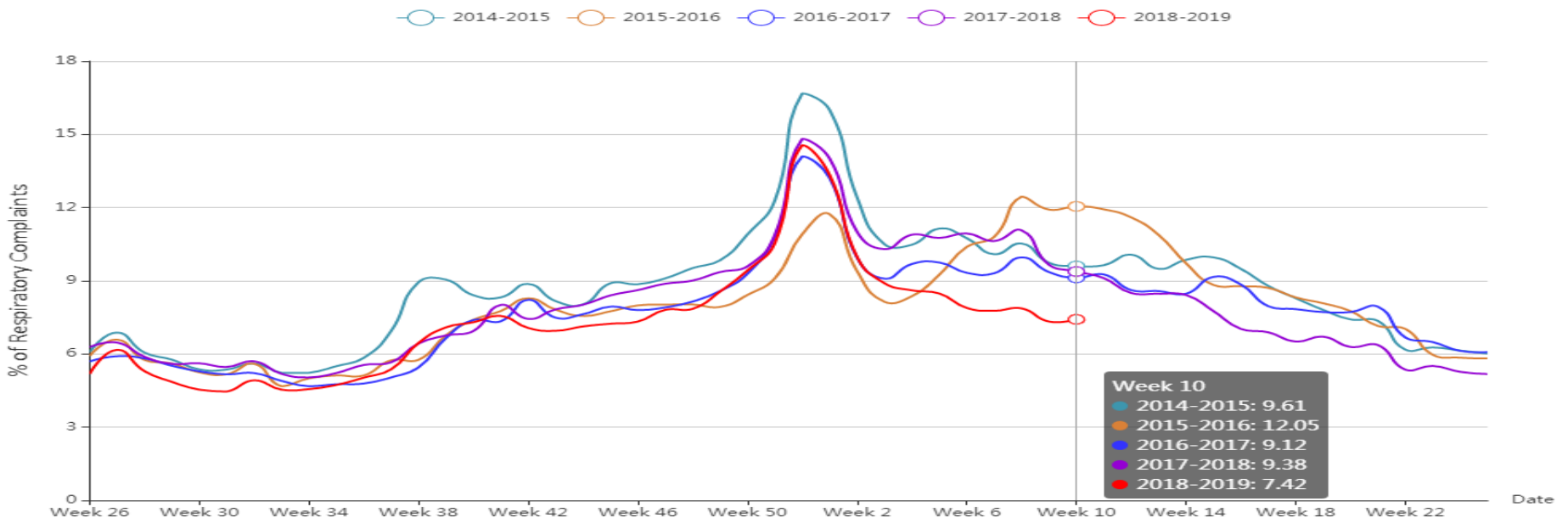
KFL&A Gastrointestinal: There are no active enteric outbreaks however 2 did occur and subsequently get declared over in the past two weeks in local long-term care/retirement facilities.

Local Admissions of Interest

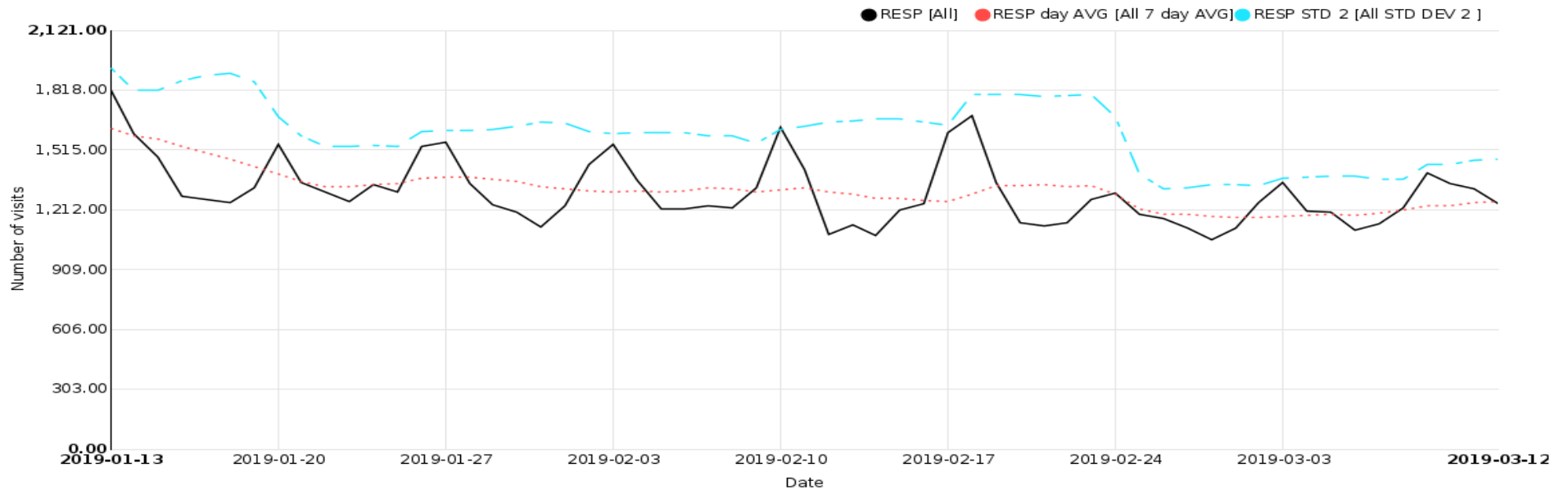
Date	Hospital	Reason for Admission
27/02/2019	KGH	BACTERIAL MENINGITIS
28/02/2019	KGH	POLYSUBSTANCE USE
01/03/2019	KGH	PNEUMOSEPSIS
04/03/2019	KGH	BRONCHIOLITIS
04/03/2019	KGH	OVERDOSE

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

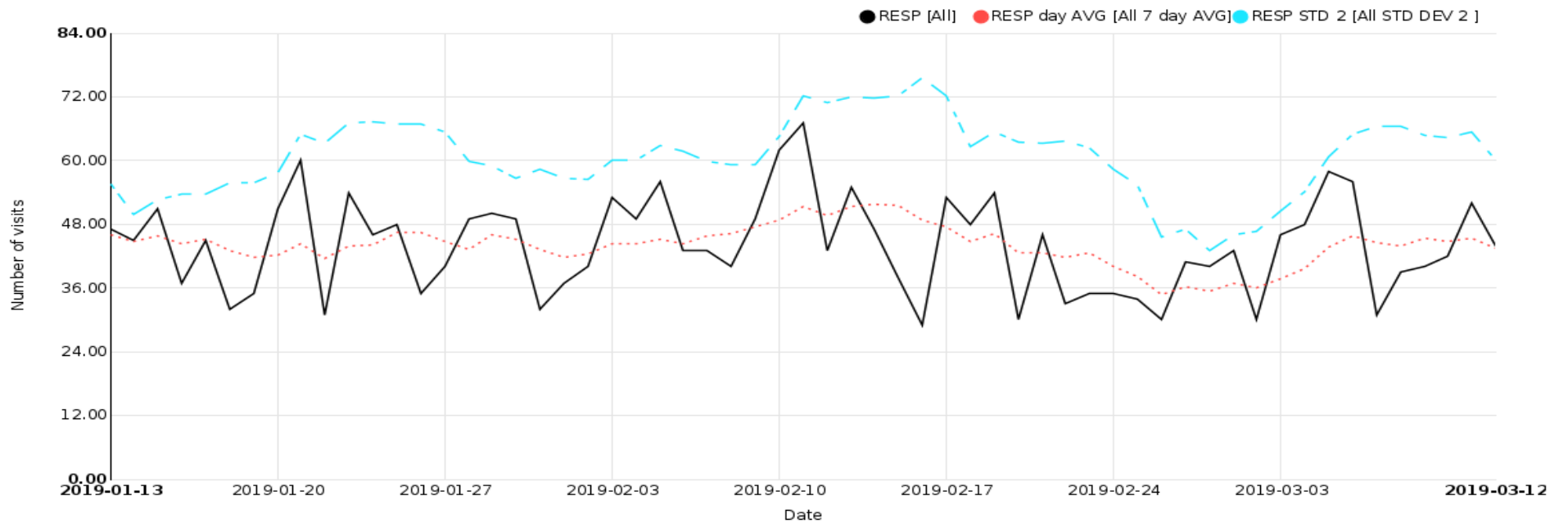
ED respiratory visits curve for Ontario hospital providing data to the ACES system along with previous year comparisons



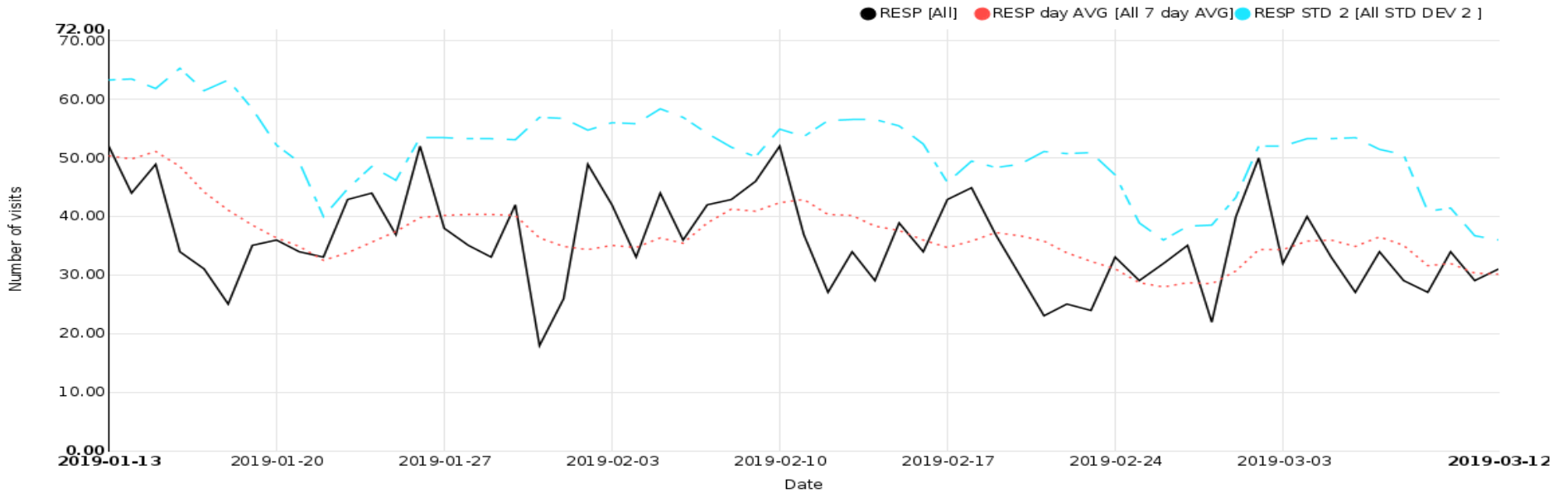
Respiratory ED Visits to Participating Ontario Hospitals



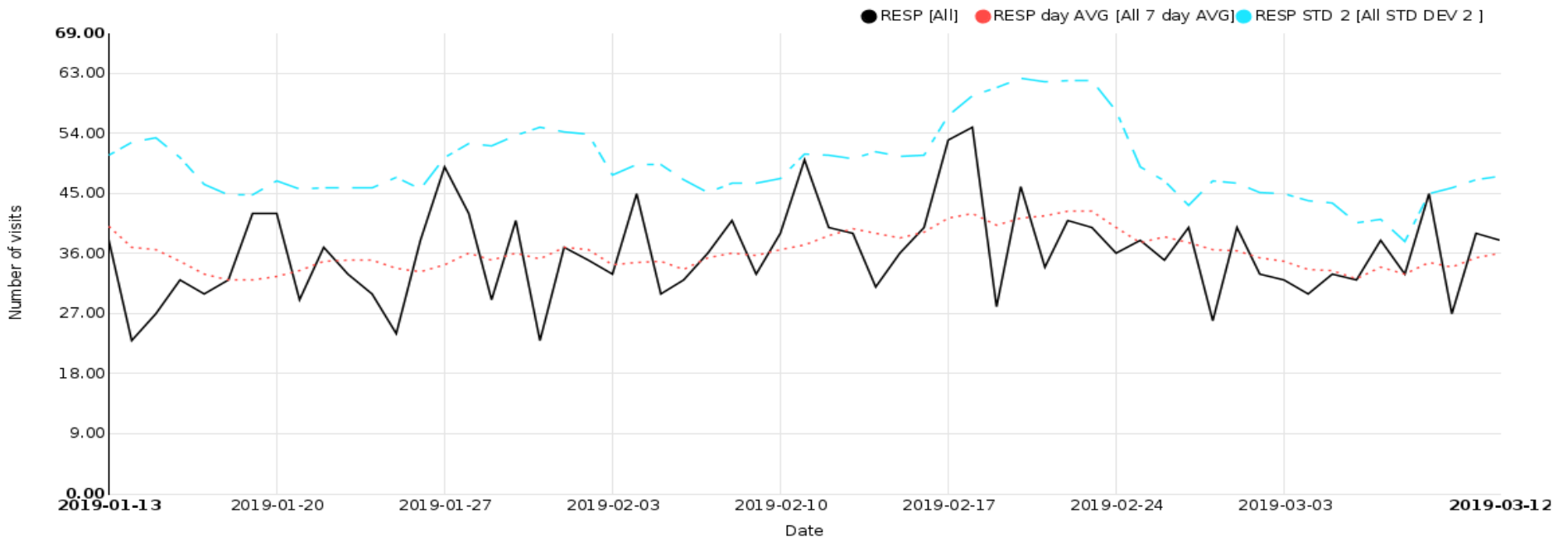
Respiratory ED Visits for KFL&A Health Unit



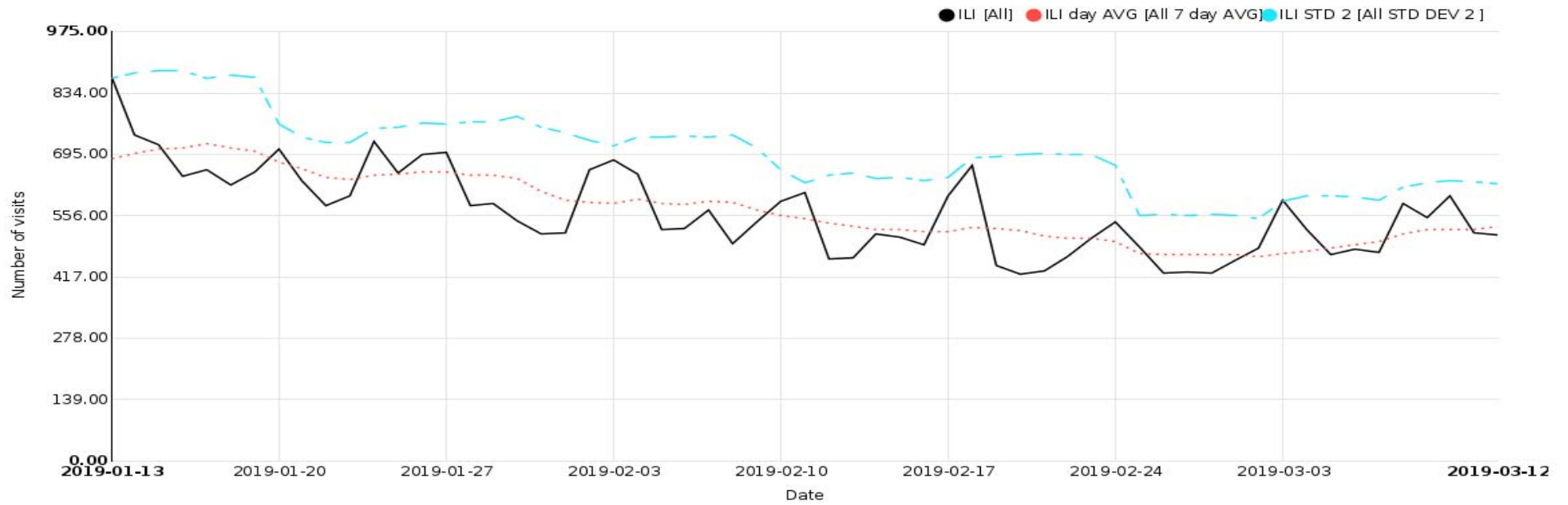
Respiratory ED Visits for HPE Health Unit



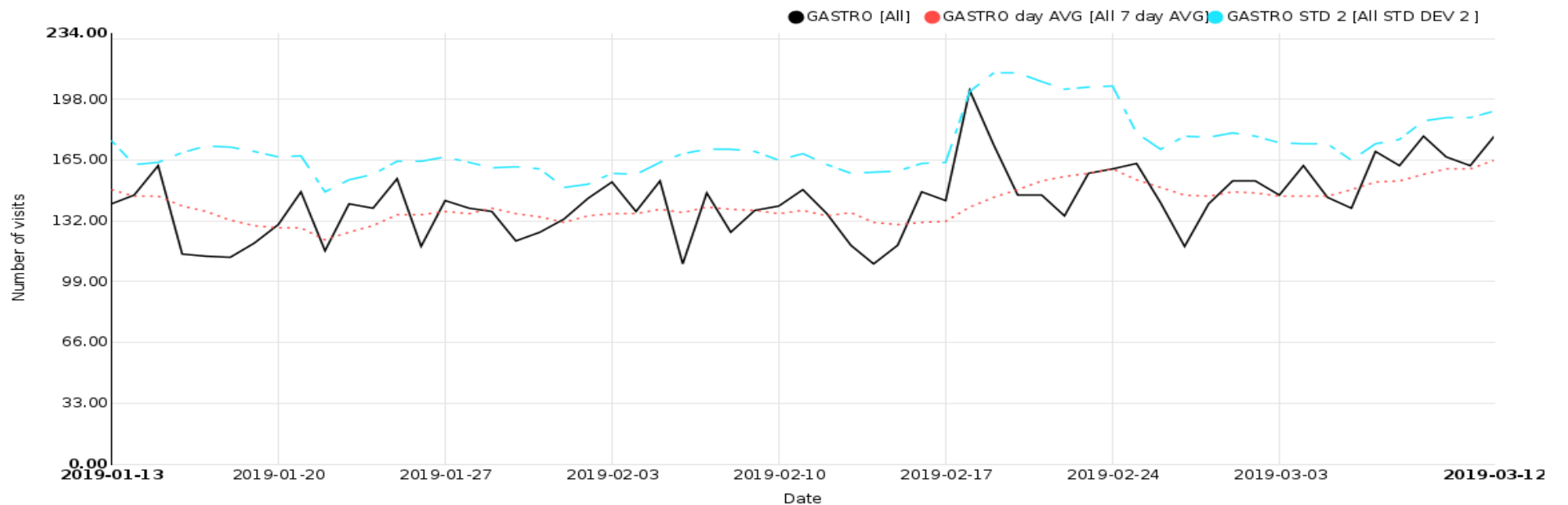
Respiratory ED Visits for LGL Health Unit



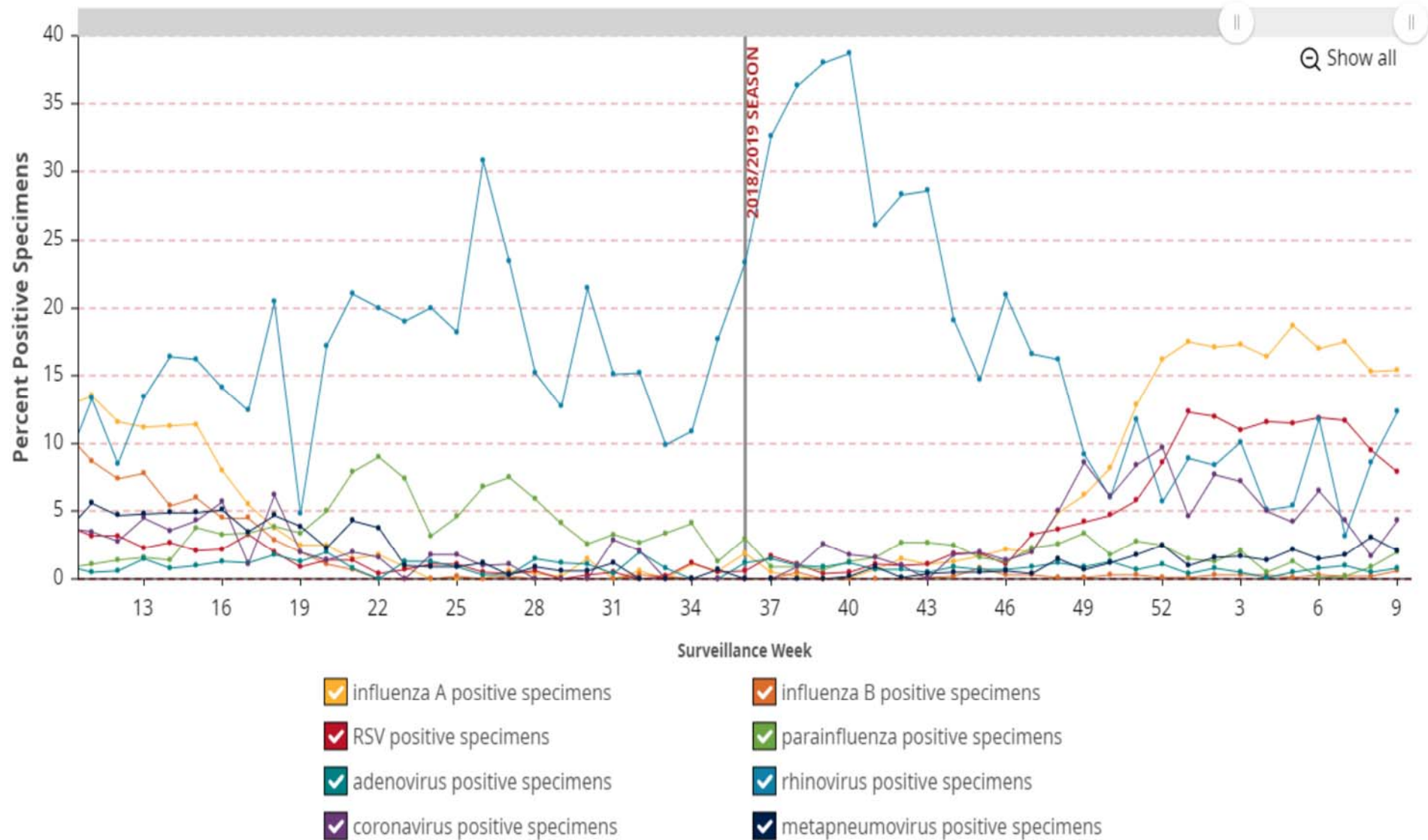
Influenza-Like Illness/Fever ED Visits to Participating Ontario Hospitals



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.