

Regional Syndromic Surveillance Bi-Weekly Report

Wednesday November 21st, 2018 - Tuesday December 4th, 2018

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 regional health unit jurisdiction compared to the previous two week period of November 7th through November 20th. (KFL&A: 4791 vs. 4774 HPE: 3986 vs. 3974 LGL: 4118 vs. 4069).

Info. items: 1) Provincially and regionally, respiratory and ILI-related emergency department visits are slowly rising yet remain within expected seasonal values (see graph below and pages 2-4). As we approach the last 2 weeks of December, which is historically when we see the biggest surge in the acute care sector, health care providers can be preparing for higher than normal visit and admissions volumes. This is also a good time to focus efforts on influenza vaccinations, hand hygiene strategies and cough etiquette. Please visit our [ILI mapper](#) website for ongoing updates this respiratory season. 2) KFL&A PH has not yet received notification of any lab confirmed cases of influenza. Please see page 5 for more information on circulating respiratory viruses at a provincial level.

KFL&A Respiratory: There are currently two respiratory outbreaks of unknown origin occurring in local long-term care/retirement facilities.

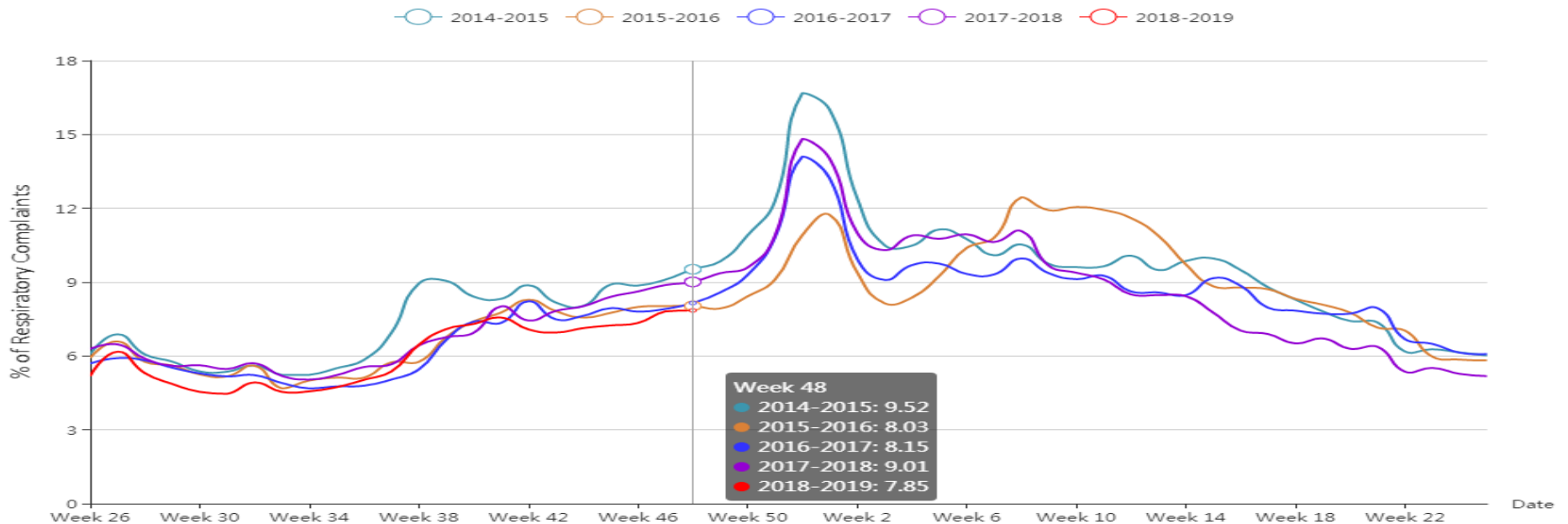
KFL&A Gastrointestinal: There are currently no enteric outbreaks occurring in local long-term care/retirement facilities.

Local Admissions of Interest

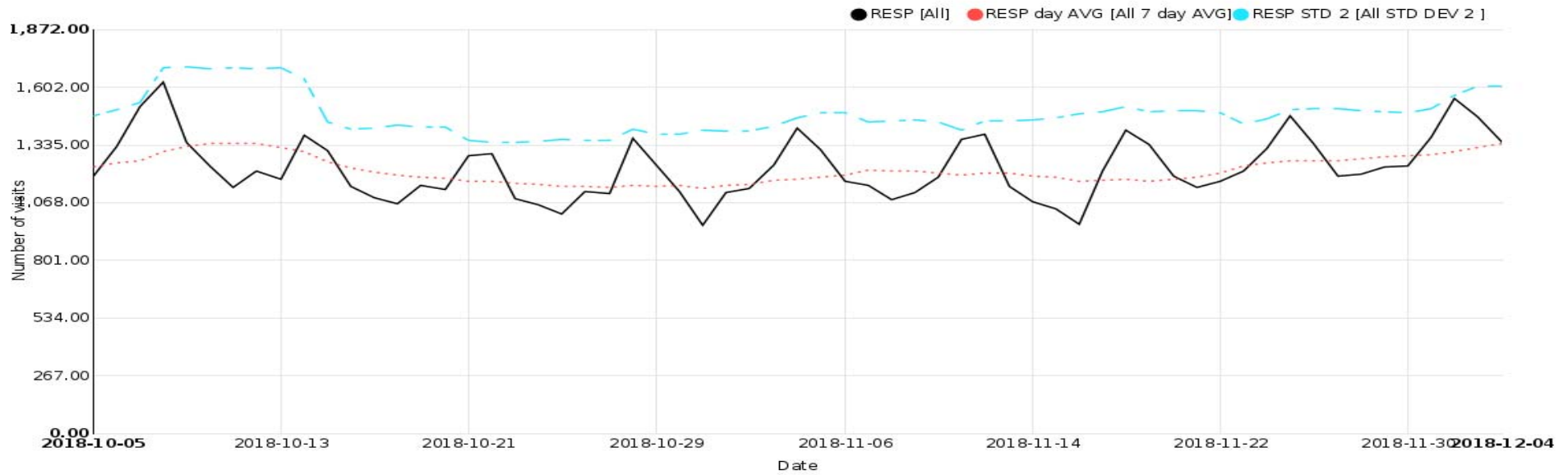
Date	Hospital	Reason for Admission
28/11/2018	KGH	UPPER RESPIRATORY TRACT INFECTION
29/11/2018	KGH	RESPIRATORY INFECTION
1/12/2018	KGH	POLYPHARMACY OVERDOSE
2/12/2018	KGH	MENINGIOENCEPHALITIS
4/12/2018	KGH	PERCOCET OVERDOSE

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.

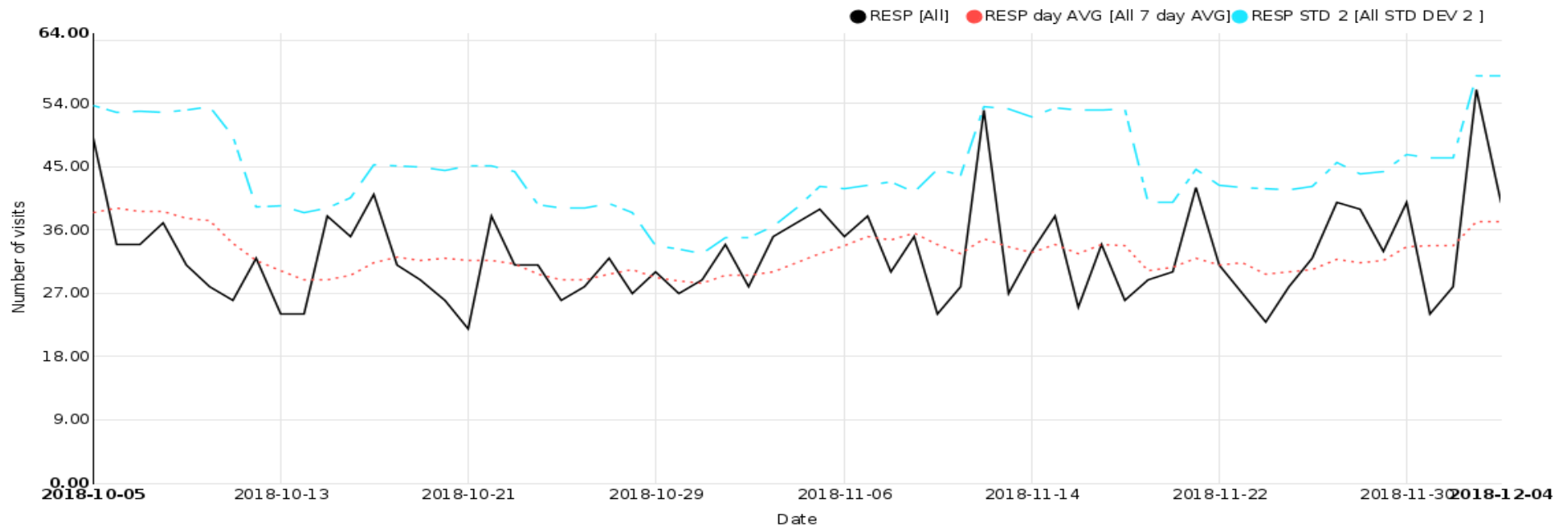
ED respiratory visits curve for Ontario hospital providing data to the ACES system along with previous year comparisons



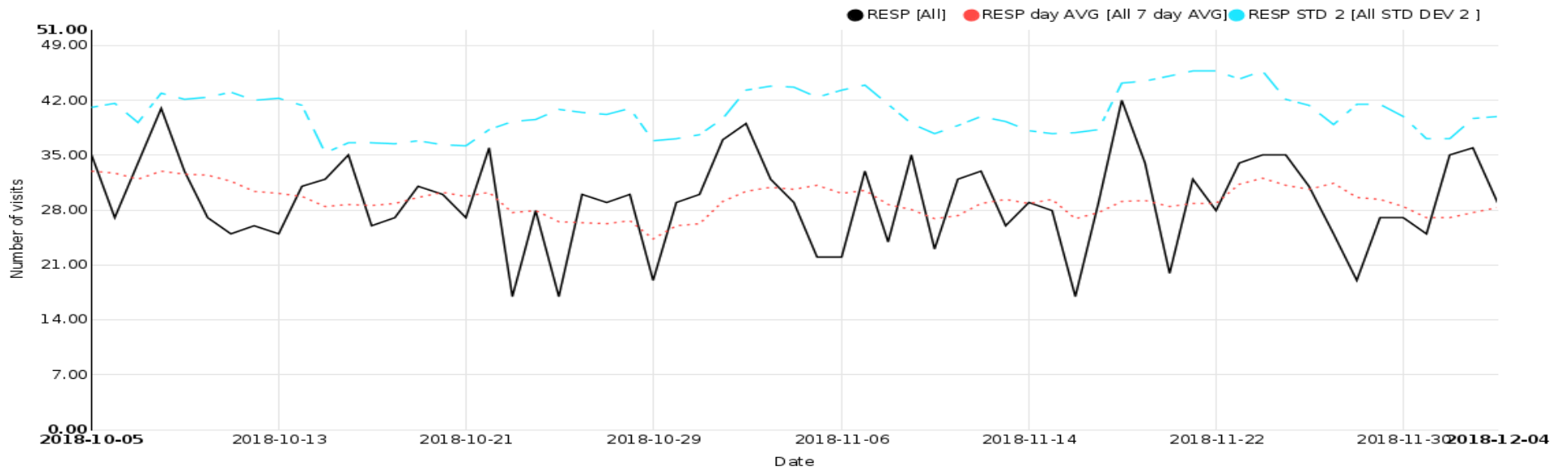
Respiratory ED Visits to Participating Ontario Hospitals



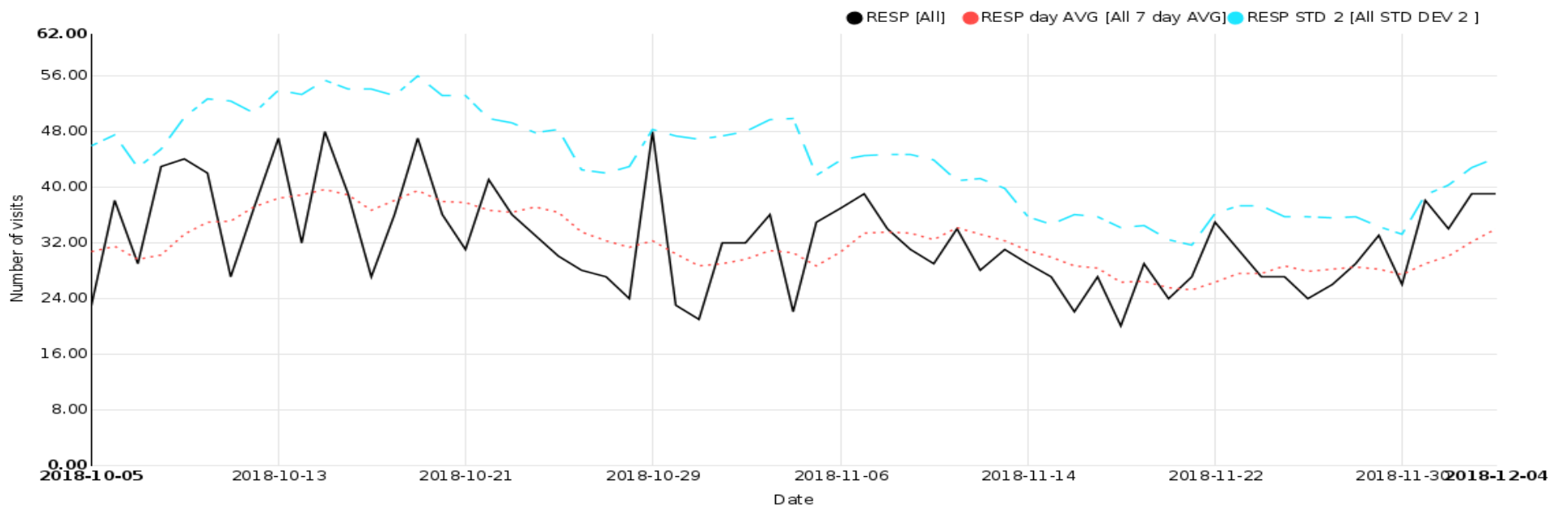
Respiratory ED Visits for KFL&A Health Unit



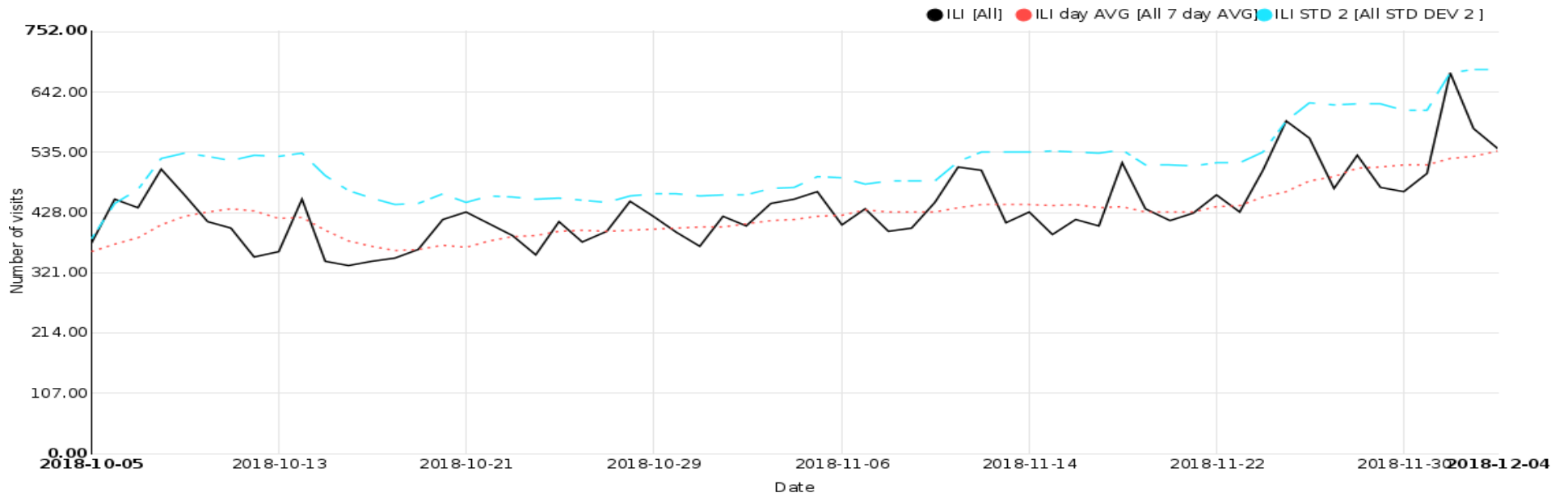
Respiratory ED Visits for HPE Health Unit



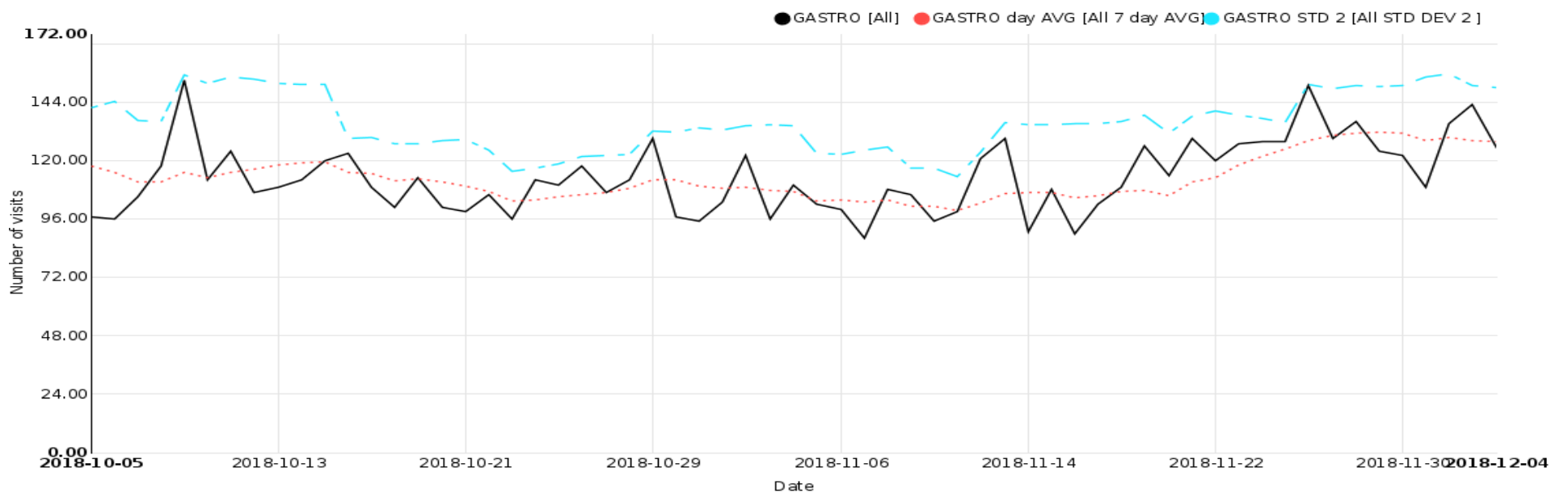
Respiratory ED Visits for LGL Health Unit



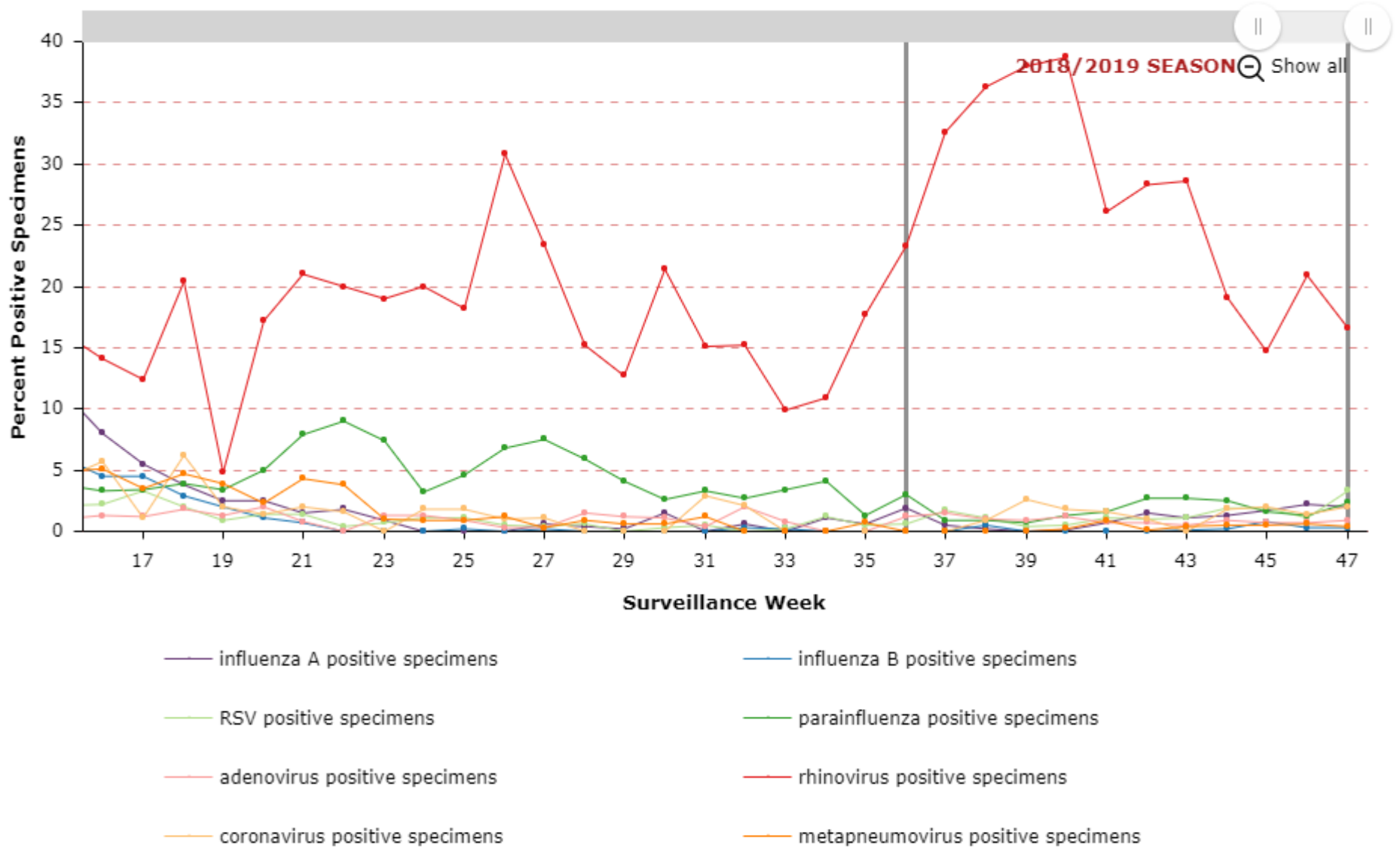
Influenza-Like Illness/Fever ED Visits to Participating Ontario Hospitals



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 and new testing caveats for the 2017-2018