

Regional Syndromic Surveillance Bi-Weekly Report

Wednesday March 27th, 2019 - Tuesday April 9th, 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 in KFL&A and LGL while slightly elevated in the HPE health unit jurisdiction compared to the previous two week period of March 13th through March 26th. (KFL&A: 4963 vs. 5008 HPE: 4349 vs. 4199 LGL: 4463 vs. 4519).

Info. items: 1) Influenza- and respiratory-related emergency department visit activity continues to remain at low levels. 2) Provincially, influenza A is still circulating however percent positivity did show a decline between March 24-30th (see page 5). Nationally, influenza A(H1N1) peaked at the end of December but over the past 6 weeks A(H3N2) detections have been responsible for the prolongation of influenza activity in almost all regions of Canada. Despite the recent increase in A(H3N2) detections, A(H1N1) is still the dominant strain this season while influenza B circulation still remains at very low levels. 3) KFL&A PH has been notified of 79 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.

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

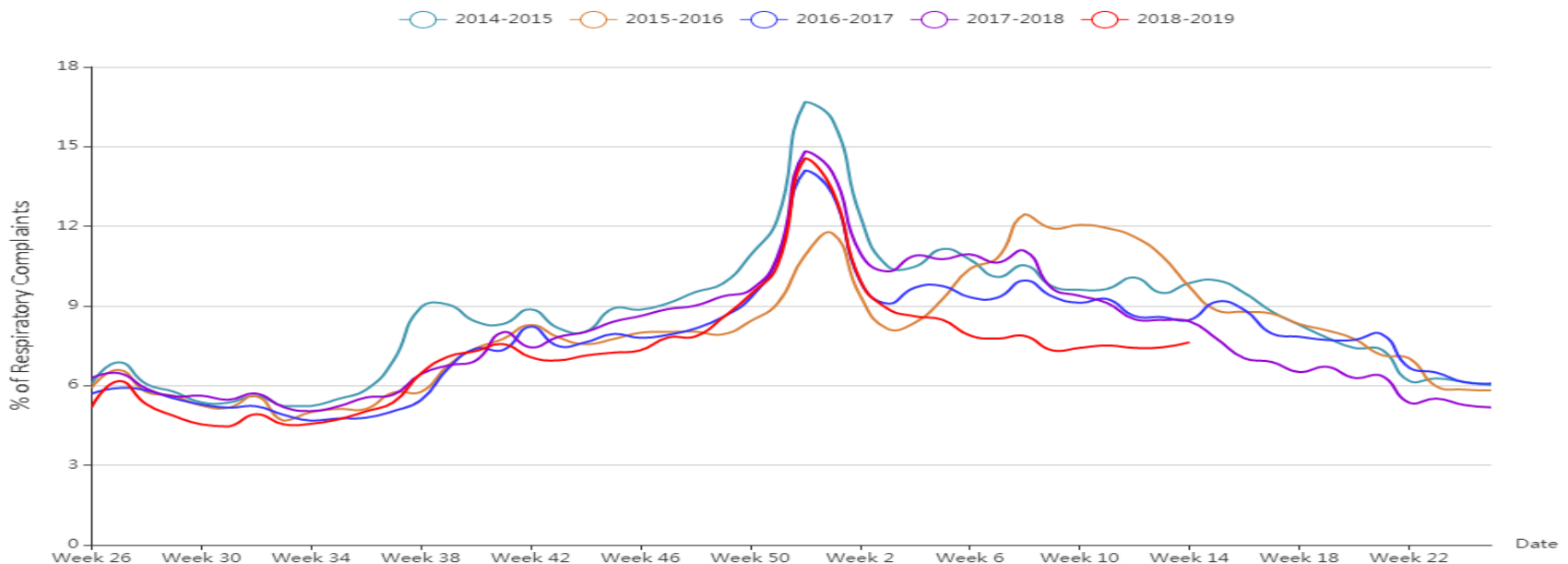
KFL&A Gastrointestinal: There was one norovirus outbreak in a local long-term care/retirement facility that had been declared and subsequently closed within the 2-week period this report covers.

Local Admissions of Interest

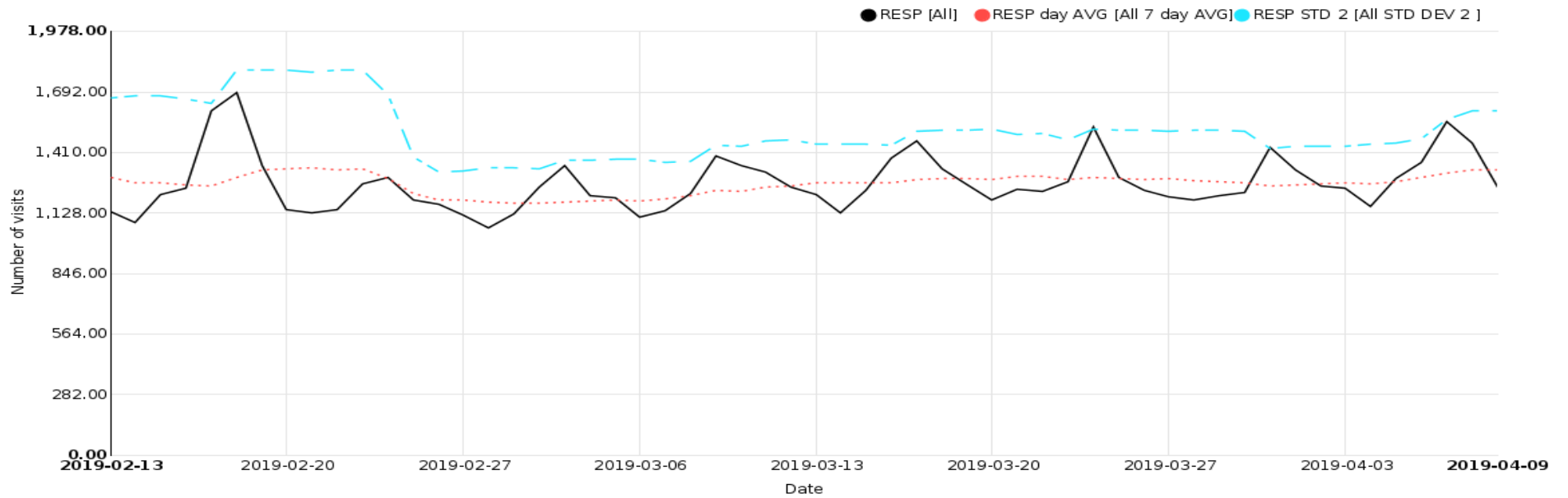
Date	Hospital	Reason for Admission
03/04/2019	KGH	LIKELY OPIOID OVERDOSE
04/04/2019	KGH	E.COLI BACTEREMIA
07/04/2019	KGH	HEPATITIS
08/04/2019	KGH	PRESUMED MENINGITIS
09/04/2019	KGH	OPIOID OVERDOSE

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.

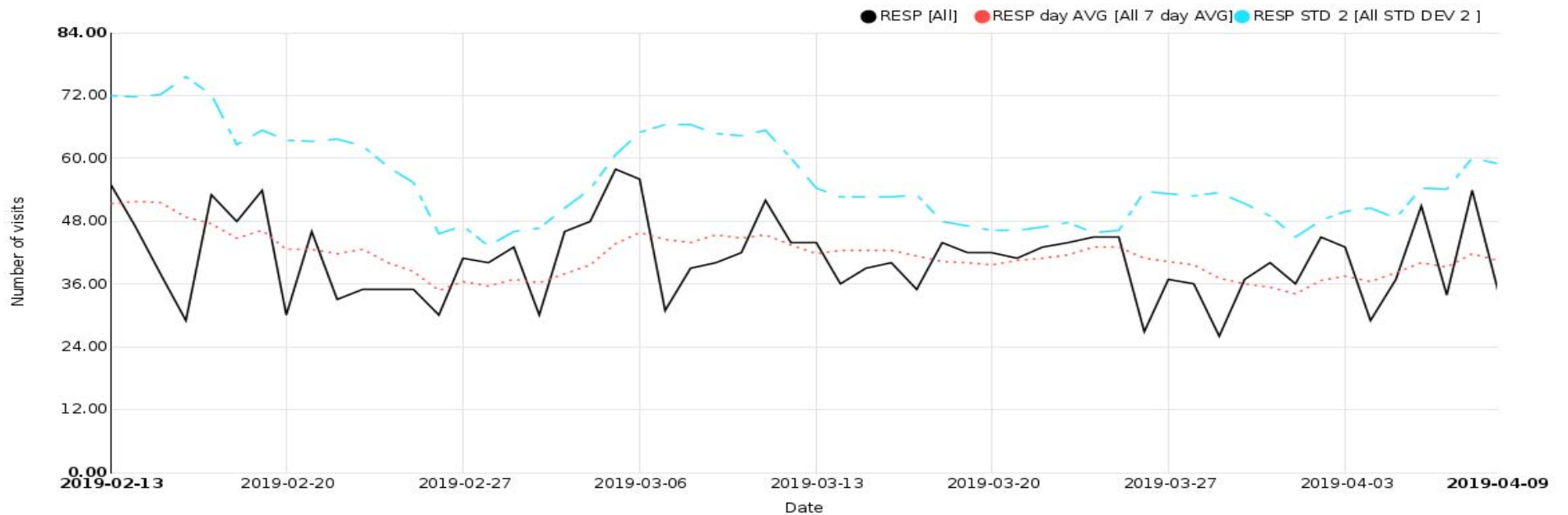
ED respiratory visits curve for Ontario hospital providing data to the ACES system along with previous year comparisons



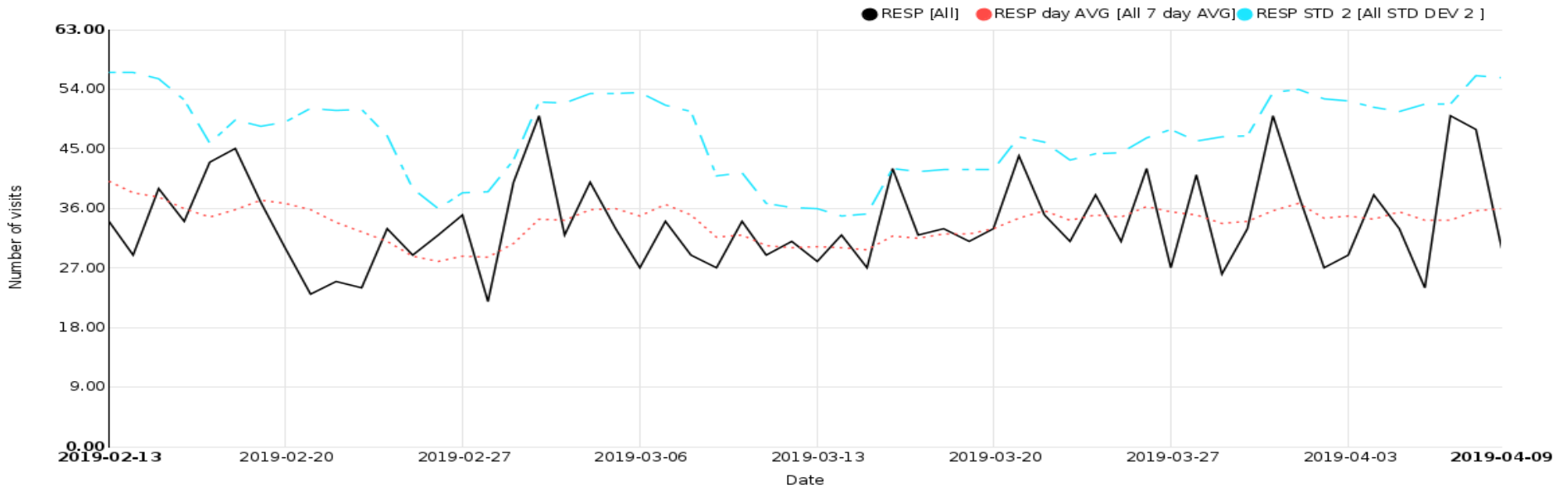
Respiratory ED Visits to Participating Ontario Hospitals



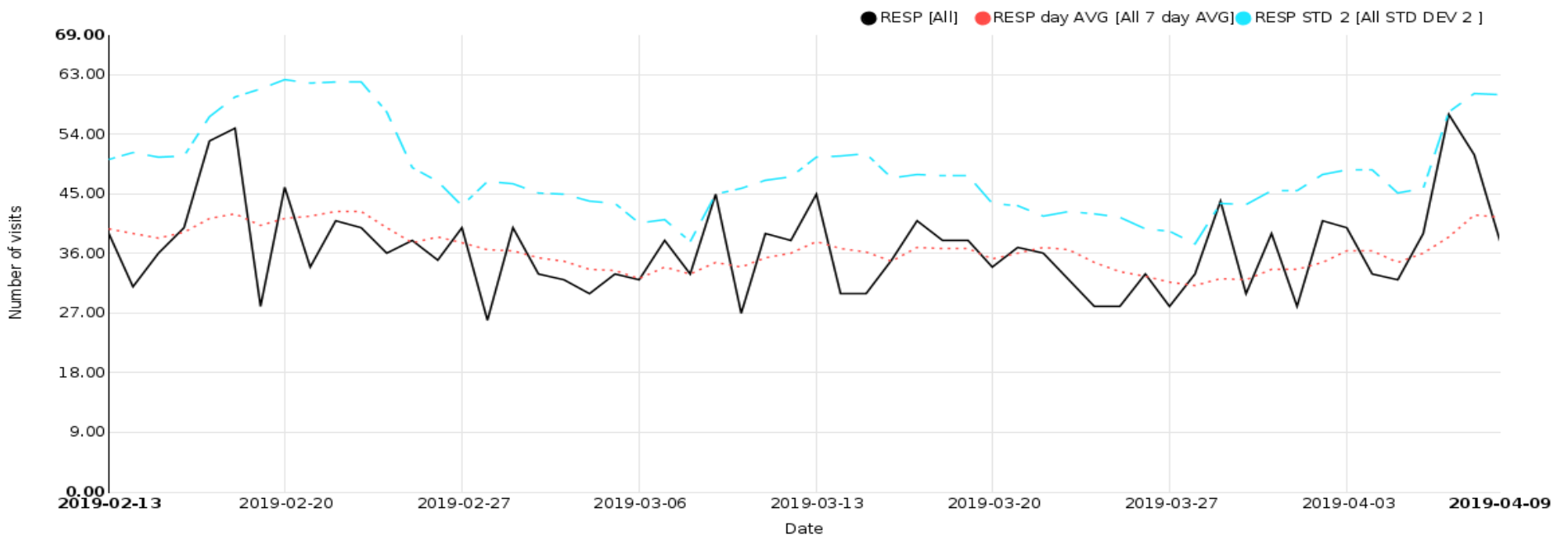
Respiratory ED Visits for KFL&A Health Unit



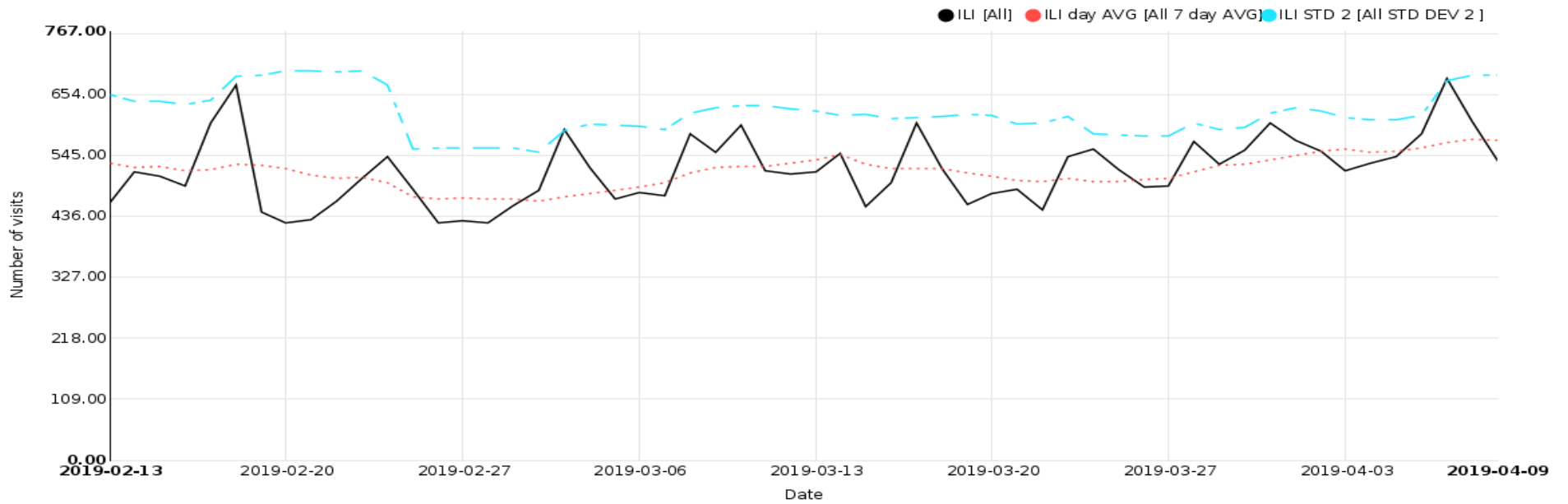
Respiratory ED Visits for HPE Health Unit



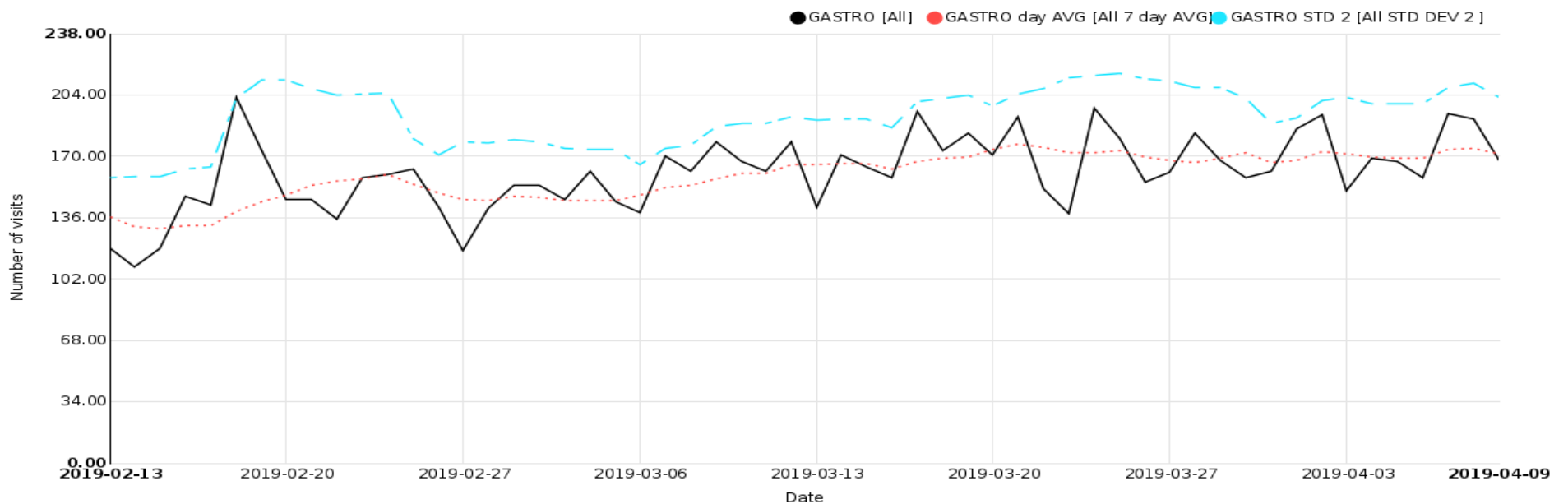
Respiratory ED Visits for LGL Health Unit



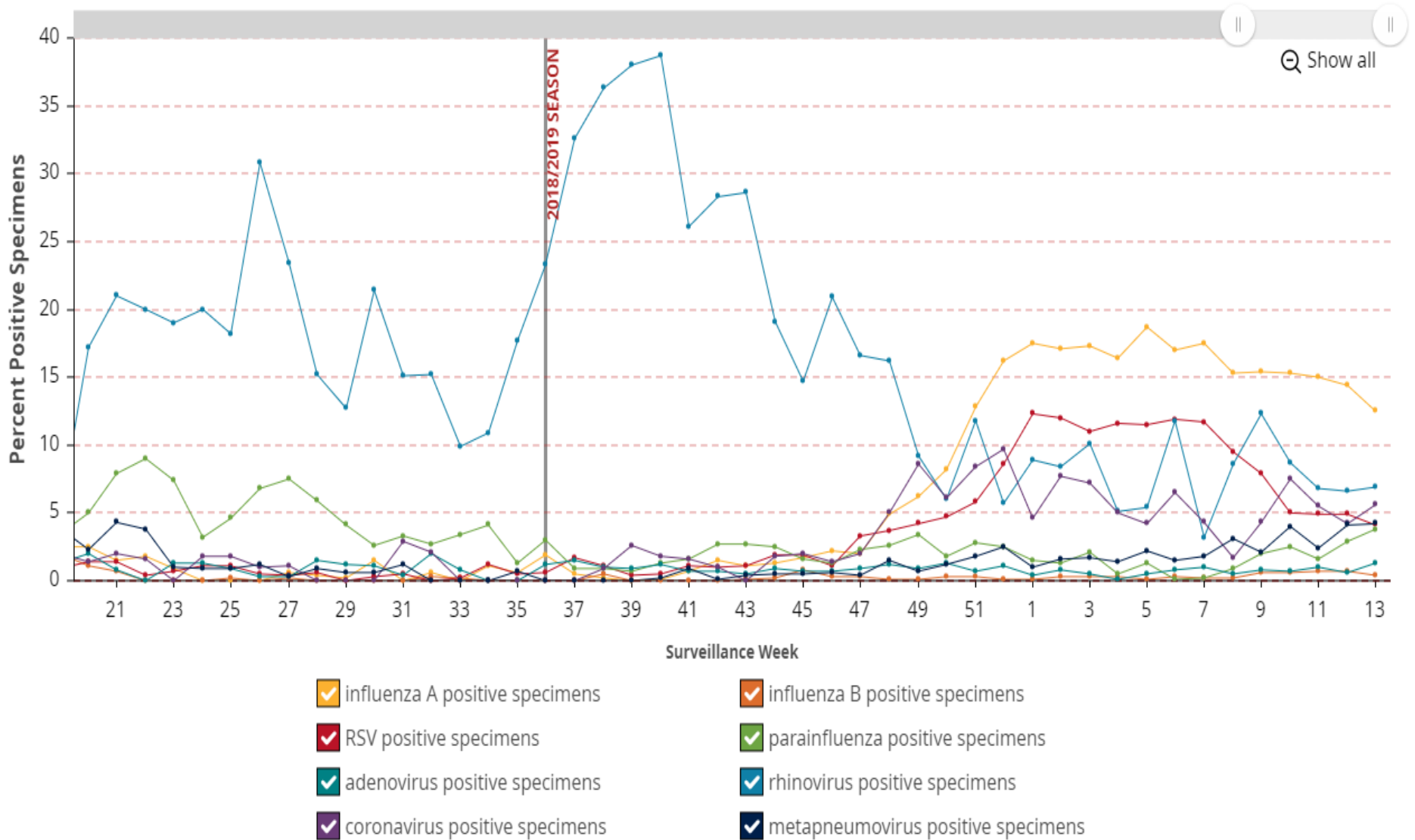
Influenza-Like Illness/Fever ED Visits to Participating Ontario Hospitals



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.