

Syndromic Surveillance Bi-Weekly Report

Monday Apr 30 2018 – Sunday May 13 2018

Peterborough Public Health (PPH)



Outbreaks: During this 2-week reporting period, no influenza outbreaks were reported. Three enteric outbreaks (Norovirus) were reported to Peterborough Public Health (See Table 1).

Table 1. PPH Outbreak Summary

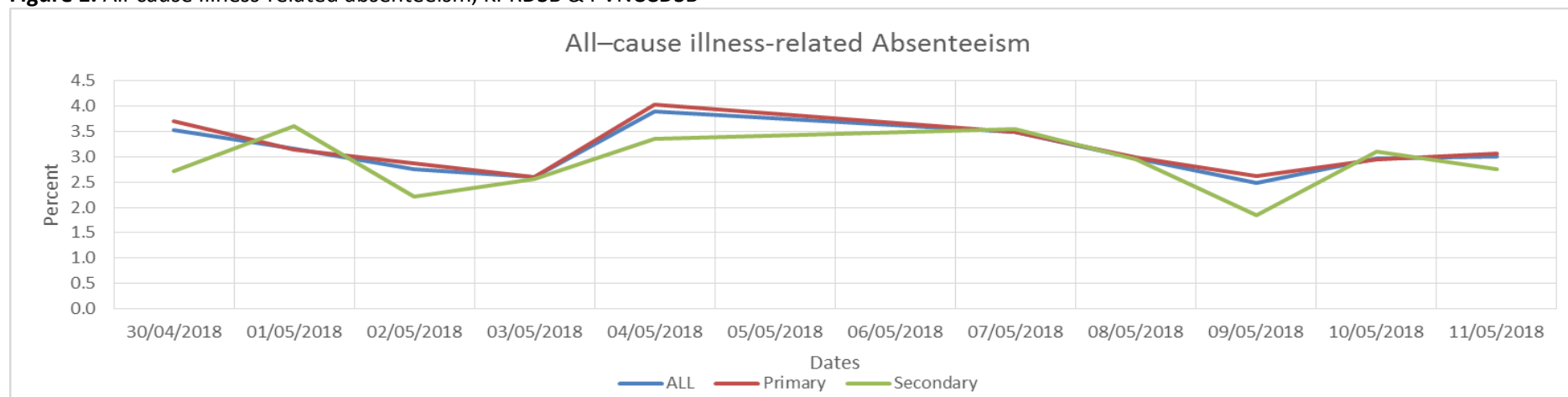
Facility Type	Date Reported	Total Ill	Total Attack Rate	Causative Agent/Type of Outbreak	Date Declared Over
LTC	May 02, 2018	35	15%	Norovirus	May 14,2018
RC	Apr 27, 2018	29	54%	Norovirus	May 14, 2018
O	Apr 26, 2018	7	54%	Norovirus	May 14, 2018

As of **May 17, 2018**; RR = retirement residence; LTC = long-term care facility; PS = primary school; SS = secondary school; CC = child care; HG= home group; RC = recreational center; NS = nursery / day care; O = other. Totals include residents and staff.

Absenteeism:

Overall school absenteeism due to illness during the previous 2-week reporting period ranged from 2.49% to 3.90% (see Figure 1). Nine out of 47 schools (19%) reported higher than expected absenteeism during this time, ranging from 6% to 8.49%.

Figure 1. All-cause illness-related absenteeism, KPRDSB & PVNCCDSB



NOTE: Further details can be obtained by contacting jhoffmeyer@peterboroughpublichealth.ca or 705-743-1000.

All feedback is welcome and appreciated.

PCCHU makes efforts to ensure the quality of the data being reported however the accuracy and the completeness of the information is not guaranteed.

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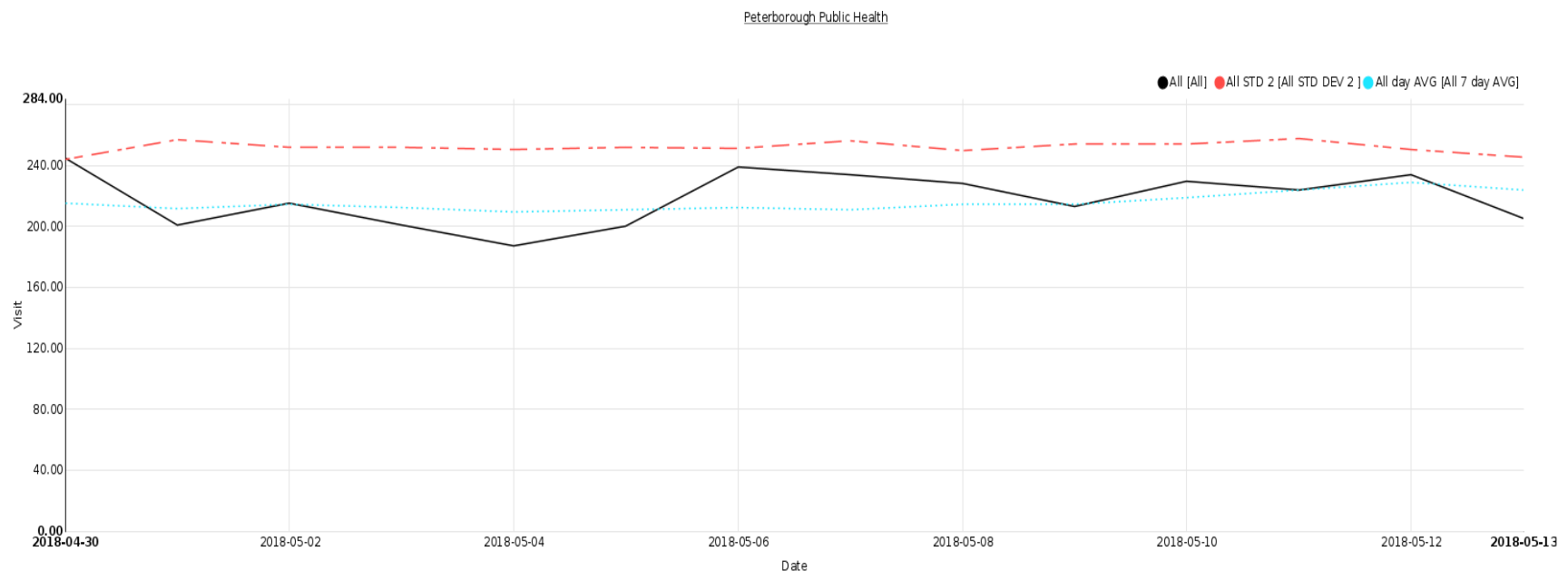


Emergency (Figures 2-5 below).

The total number of emergency department (ED) visits to the Peterborough Regional Health Centre (PRHC) for the reporting period ranged from 187 to 240 visits per day without exceeding 2 standard deviations level.

- Fever/ILI visits ranged from 1 and 6 visits per day and were below 2 standard deviations.
- Visit volumes for gastrointestinal illness were between 0 and 5 visits per day and did not exceed 2 standard deviations level.
- Respiratory-related visits for the reporting period ranged from 8 to 24 visits per day without exceeding 2 standard deviations level.

Figure 2. All ED visits, PRHC



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Figure 3. Fever/ILI ED visits, PRHC

Peterborough Public Health

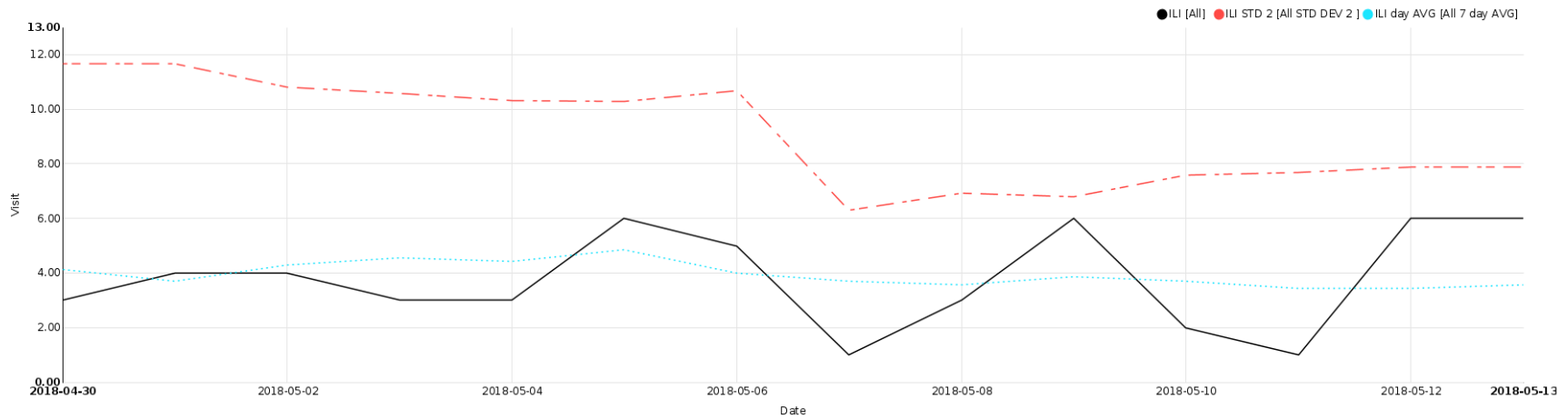
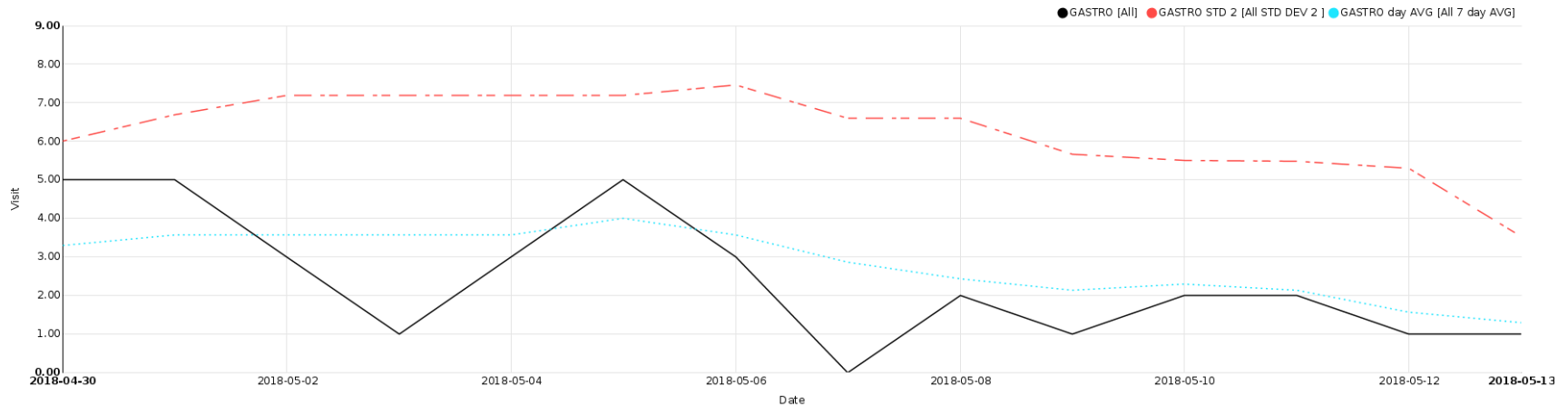


Figure 4. Gastrointestinal ED visits, PRHC

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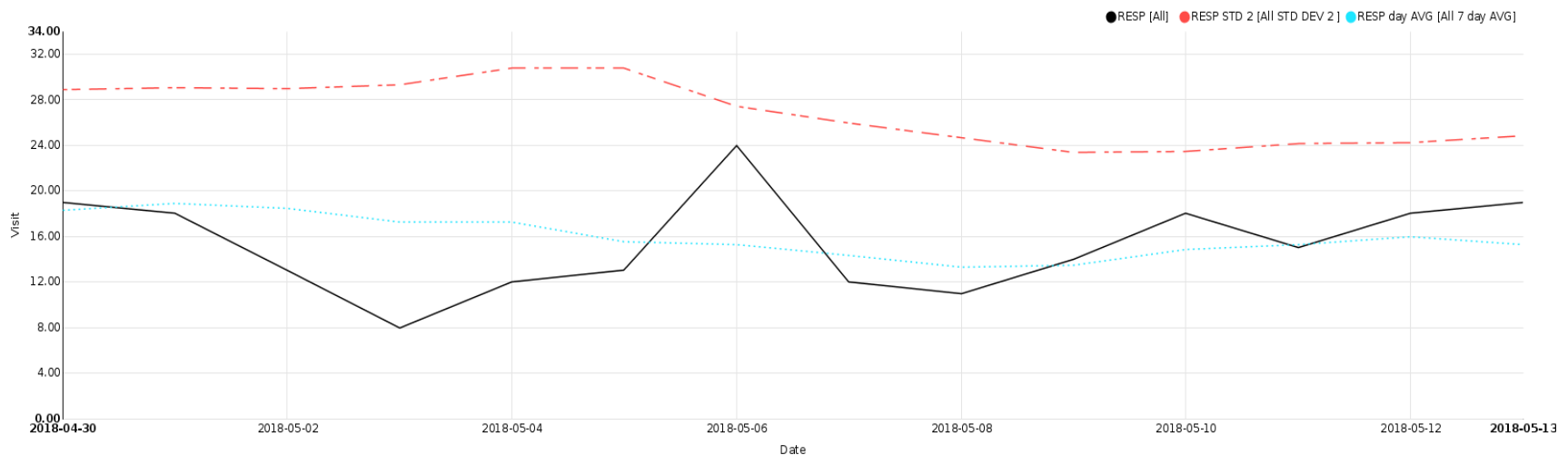
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Figure 5. Respiratory ED visits, PRHC

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Sources and Notes:

- Acute Care Enhanced Surveillance Application (ACES); <https://aces.kflaphi.ca/#/>
- Users will notice that more alerts will be shown. The ACES team has removed the minimum syndrome daily count stipulation that was in place. This rule was originally put into place to prevent over alerting but it was felt this logic was flawed because most alerts were only coming in for high volume syndromes like RESP, AST etc. and alerts were not being run on low volume syndromes like OPI, TOX etc. The algorithms will now run on both high and low volume public health pertinent syndromes.
- Kawartha Pine Ridge District School Board (KPRDSB)
- Peterborough, Victoria Northumberland & Clarington Catholic District School Board (PVNCCDSB)

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