

1. Data Summary and Key Messages

Local Summary (Hospital ED Visits):

The aggregate trend in emergency department (ED)¹ visits for respiratory-related complaints² at local LGLDHU hospitals continues to be lower than normal. The same trend has been observed for Ontario overall. After an uptick in respiratory-related complaints at LGLDHU EDs last week, visit counts have stabilized again. Currently, respiratory-related complaints account for 7% of LGLDHU hospital ED visits.

Highlights & Key Messages:

LGLDHU Case Summary (all cases):

- 303 lab confirmed cases including 42 deaths in LGLDHU^{3,4,5}:
 - ◇ Community cases: 65 (22%)
 - ◇ Healthcare worker cases 62 (20%)
 - ◇ Long-term care/retirement residence cases 176 (58%)
 - ◇ Lab confirmed case positivity rate is 9% with 3,334 tests done to date
 - ◇ 4 current COVID-19 related outbreaks in long-term care facilities
 - ◇ Cases geographically spread across region (16/21 municipalities reporting cases)
 - ◇ 67% of cases are female
 - ◇ Median age of cases is 76-years (min = 2, max = 104)
 - ◇ 3% < 19-years, 13% 20-44 years, 19% 45-64 years, 65% 65+ years
 - ◇ 12% of cases hospitalized, 14% of hospitalized cases required ventilation
 - ◇ 25% of cases recovered

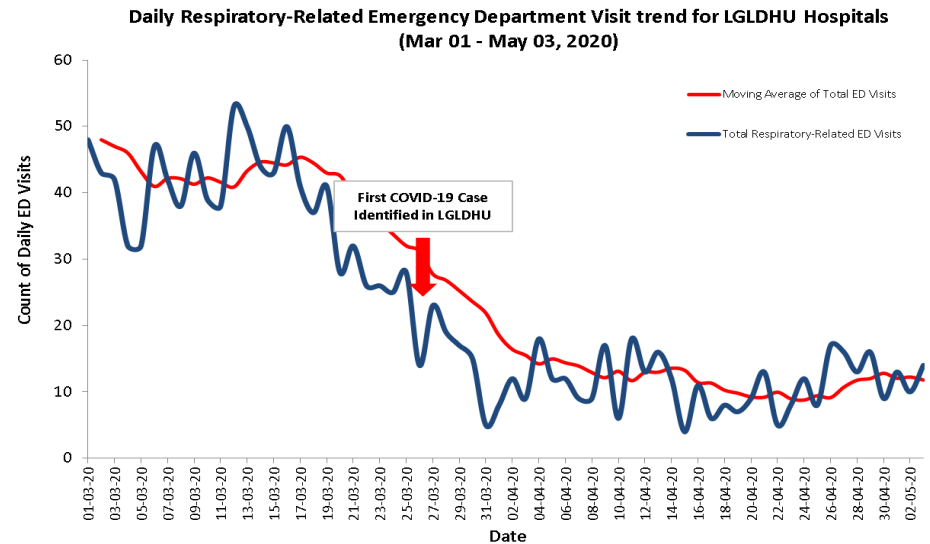
LGLDHU Deaths Summary:

- 42 deaths (39 long-term care, 3 community)
 - ◇ Case fatality rate is 14%
 - ◇ Median age of deaths is 86-years (min = 56, max = 100)
 - ◇ 95% of deaths occurred in population aged 65+ years
 - ◇ 64% of deaths were female
 - ◇ 26% of deaths occurred in hospital

Provincial:

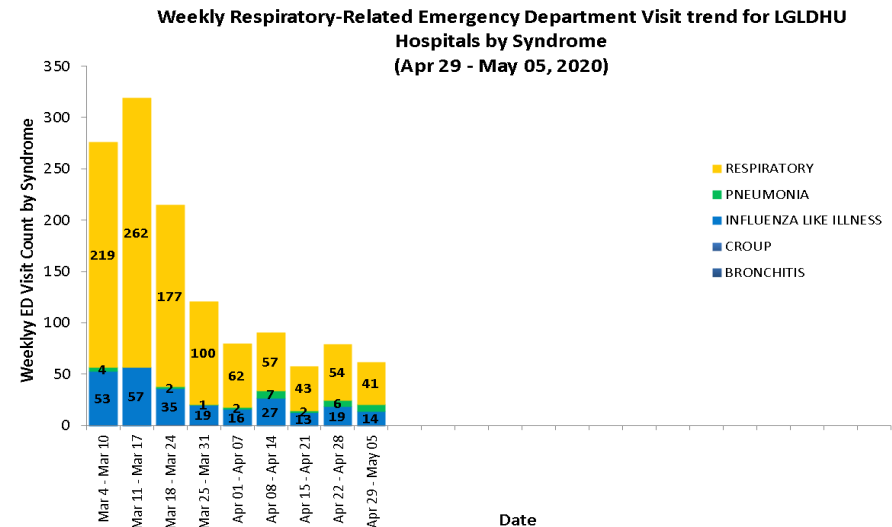
- 17,923 confirmed cases (6,265 investigations) including 1,300 deaths in Ontario.
 - ◇ 2% increase in lab-confirmed cases since previous report
 - ◇ 5% cases hospitalized
 - ◇ 23% of hospitalizations transferred to ICU, 18% required ventilator

2. Respiratory Related ED Visits to Participating LGLDHU Hospitals*



Source: Acute Care Enhanced Surveillance (ACES). KFLA 2020, LGLDHU Data.

3. Respiratory Related ED Visits by Syndrome



Source: Acute Care Enhanced Surveillance (ACES). KFLA 2020, LGLDHU Data.

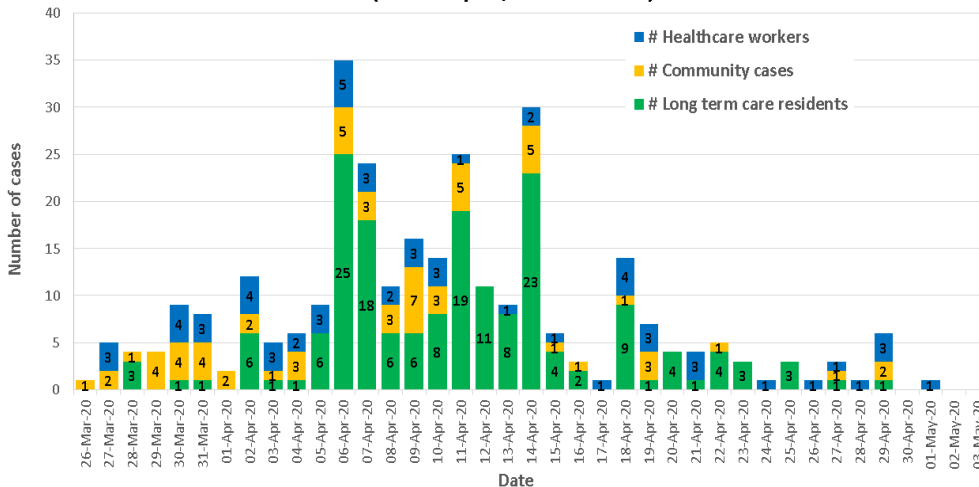
4. Data Summary and Key Messages

Local Summary (Hospital Admissions):

The aggregate trend in emergent admissions¹ for respiratory-related² reasons at local LGLDHU hospitals continues to remain low. The same trend has been observed for Ontario overall. Currently, respiratory-related complaints account for about 3% of LGLDHU hospital admissions with pneumonia-related admissions representing the highest count overall. The median age of respiratory-related admissions was 67-years over the past week (Min=0, Max=90).

7. COVID-19 Lab Confirmed Case Summary for LGLDHU^{4,5}

Daily count for lab confirmed positive COVID-19 cases by case type
(As of May 03, 2020: LGLDHU)



Source: Integrated Public Health Information System. Ontario MOHLTC. LGLDHU Data.

Note 1: Reporting hospitals include: Brockville General (BRGH), Kemptville District (KEDH), Carleton Place Memorial (CCC), Smiths Falls (SFH), Perth (GWMH).

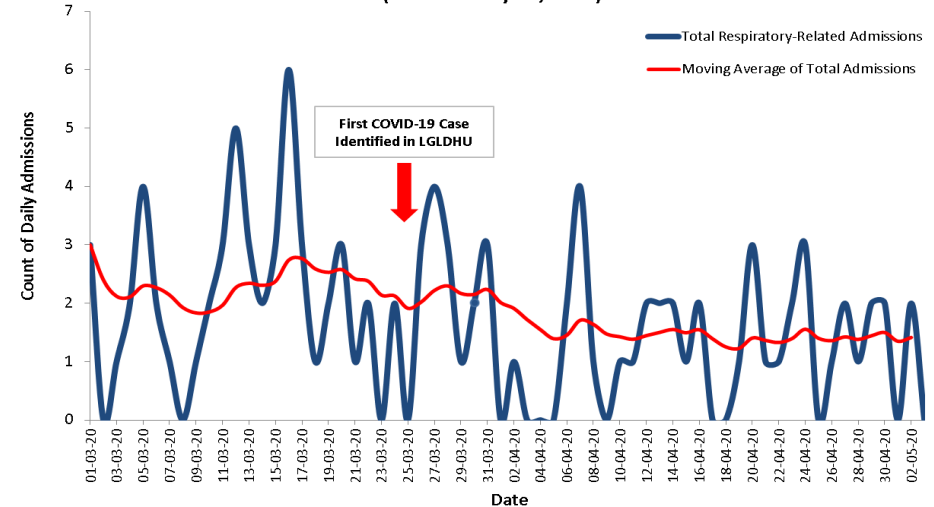
Note 2: Respiratory-related emergency department visits or admissions include: Bronchitis, Croup, influenza-like illness (ILI), pneumonia, and respiratory syndromes.

Note 3: Differences between LGLDHU counts and provincial counts may result due to data abstraction time differences.

Note 4: One of the labs identified that there was a problem with testing on April 26, 27 with potential false positives on several people. These cases have been removed from the report retroactively pending reassessment.

5. Respiratory Related Admissions to Participating LGLDHU Hospitals*

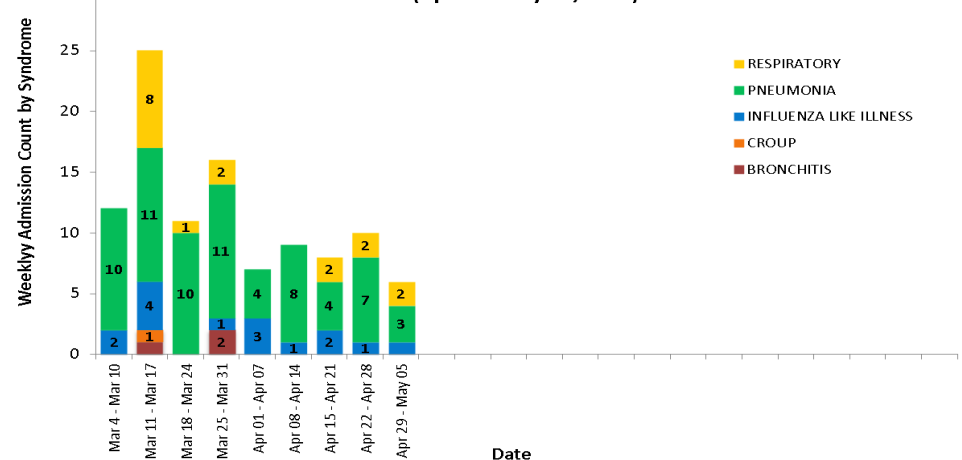
Daily Respiratory-Related Emergent Hospital Admission trend for LGLDHU
(Mar 01 - May 03, 2020)



Source: Acute Care Enhanced Surveillance (ACES). KFLA 2020, LGLDHU Data.

6. Respiratory Related Admissions by Syndrome

Weekly Respiratory-Related Emergent Hospital Admissions trend for LGLDHU
by Syndrome
(Apr 29 - May 05, 2020)



Source: Acute Care Enhanced Surveillance (ACES). KFLA 2020, LGLDHU Data.

Note 5: Community-based and healthcare worker cases have been separated into their own sub-categories as of May 03, 2020.