

RENFREW COUNTY AND DISTRICT HEALTH UNIT COVID-19 EPIDEMIOLOGY UPDATE

January 27, 2021



Renfrew County and District Health Unit

"Optimal Health for All in Renfrew County and District"

COVID-19 Case Summary

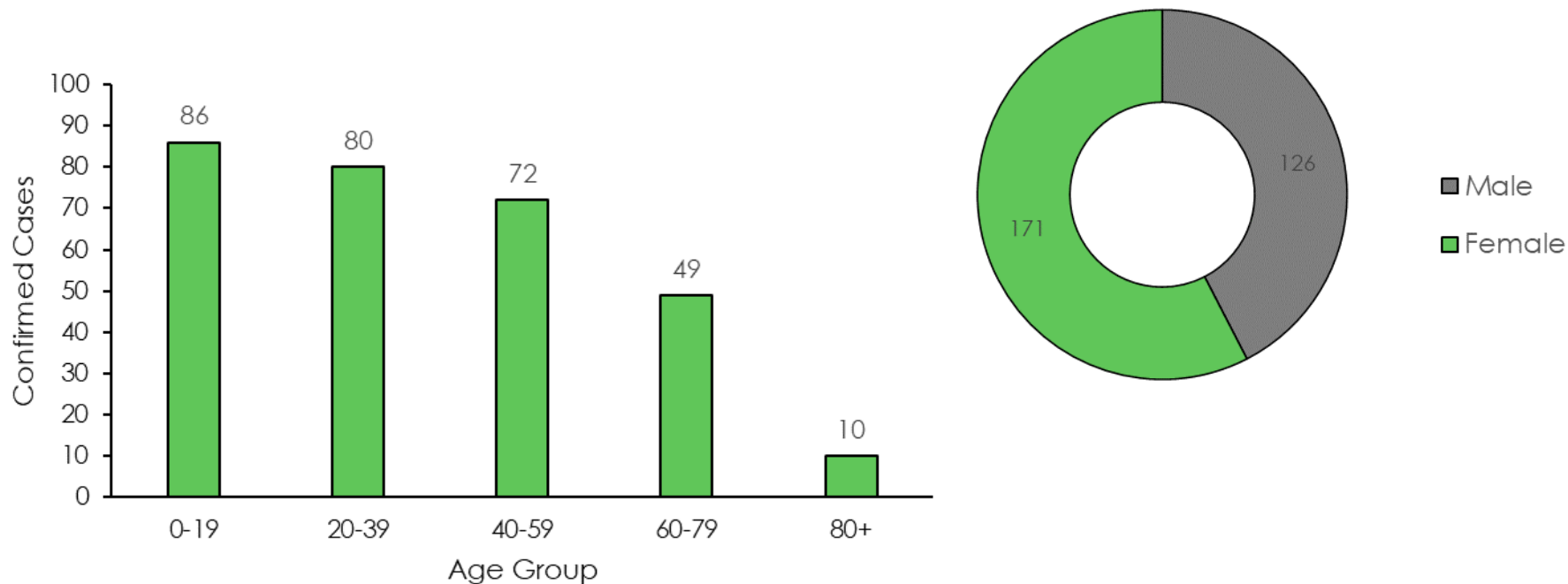
(Updated Jan. 25, 2021)

<p>Total Confirmed Cases in Renfrew County and District (RCD): 297</p>	<p>Current Status of Cases in RCD</p> <p>Self-Isolation: 2</p> <p>Hospitalized: 0</p> <p>Hospitalized in Intensive Care Unit: 0</p> <p>Resolved: 293</p> <p>Deceased: 2</p>		
<p>Residents of Long-Term Care Homes/ Retirement Homes: 3</p> <p>Health Care Workers (HCWs): 49 (14 HCWs employed outside of RCD)</p> <p>Community Cases: 220</p> <p>School Cases: Staff=10 Students=15</p>	<p>Outbreak Setting</p>	<p>Cumulative Number of Outbreaks</p>	<p>Active Number of Outbreaks</p>
	<p>Community</p>	<p>1</p>	<p>0</p>
	<p>Hospital</p>	<p>1</p>	<p>0</p>
	<p>Long-Term Care Home/ Retirement Home</p>	<p>11</p>	<p>0</p>
	<p>School (all levels)</p>	<p>4</p>	<p>0</p>
	<p>Workplace</p>	<p>4</p>	<p>0</p>
	<p>Total</p>	<p>21</p>	<p>0</p>
<p>Number of tests completed for RCD residents: 53152</p>	<p>Includes:</p> <ul style="list-style-type: none"> • community clinics • long-term care homes • retirement homes • congregate living settings 		
<p>RCDHU has responded to 17441 COVID-19 inquiries from residents and community partners since March 18, 2020.</p>			



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Case Demographics – To Date



Weekly Incidence Rate per 100,000 Residents



PREVENT (Standard Measures)

Epidemiology

- Weekly incidence rate is < 10 per 100,000
- % positivity is < 0.5
- $R_t < 1$
- Outbreak trends/ observations
- Level of community transmission/non-epi linked cases stable

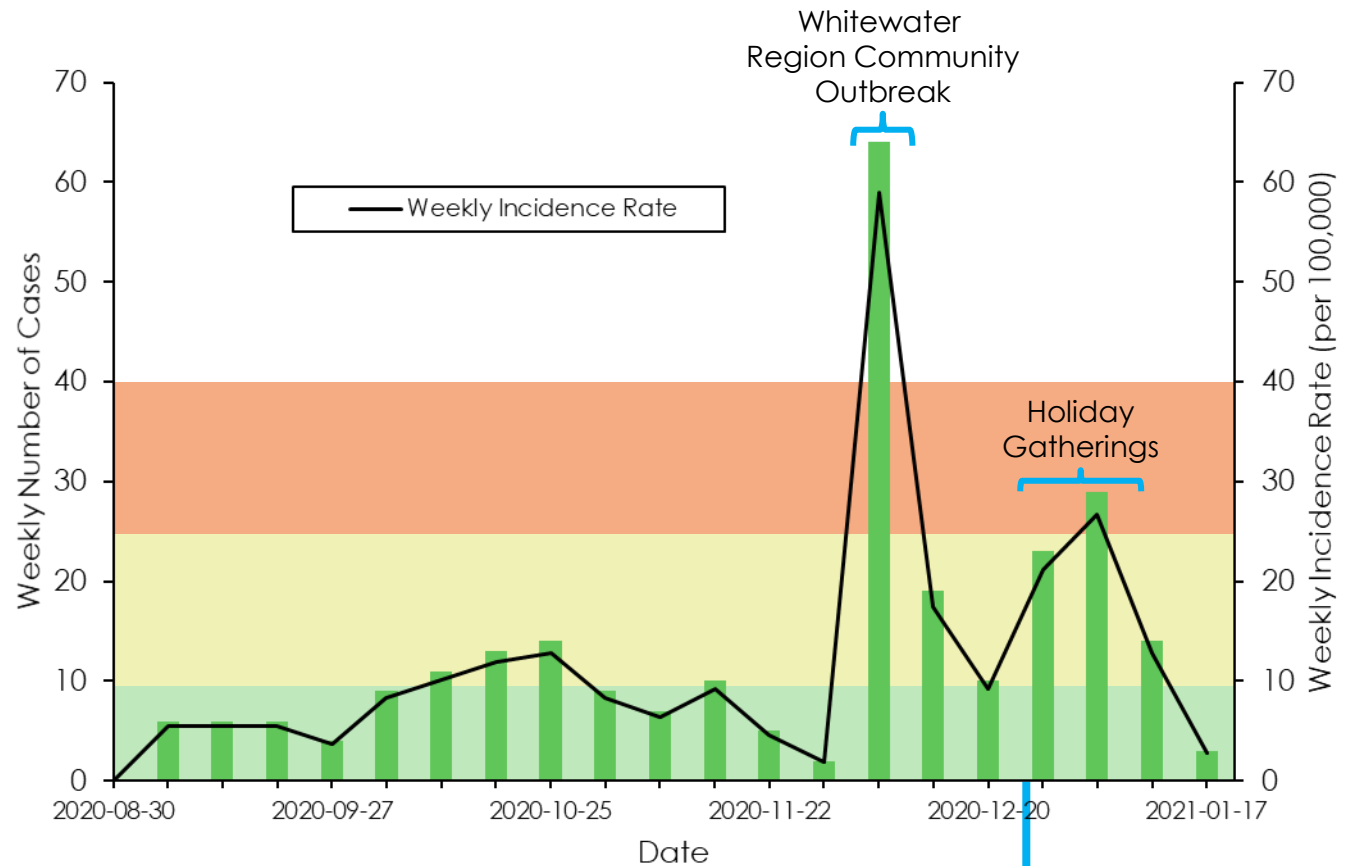
Health System Capacity

- Hospital and ICU capacity adequate

Public Health System Capacity

- Case and contact follow up within 24 hours adequate

COVID-19 Response Framework:
Keeping Ontario Safe and Open —
Lockdown Measures.
<https://www.ontario.ca/page/covid-19-response-framework-keeping-ontario-safe-and-open>



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Province-wide
Lockdown (Dec 26)

Likely Source of COVID-19 Infection

Likely source of infection for confirmed cases of COVID-19 in RCD, by episode date**



PREVENT

(Standard Measures)

Epidemiology

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Public Health System Capacity

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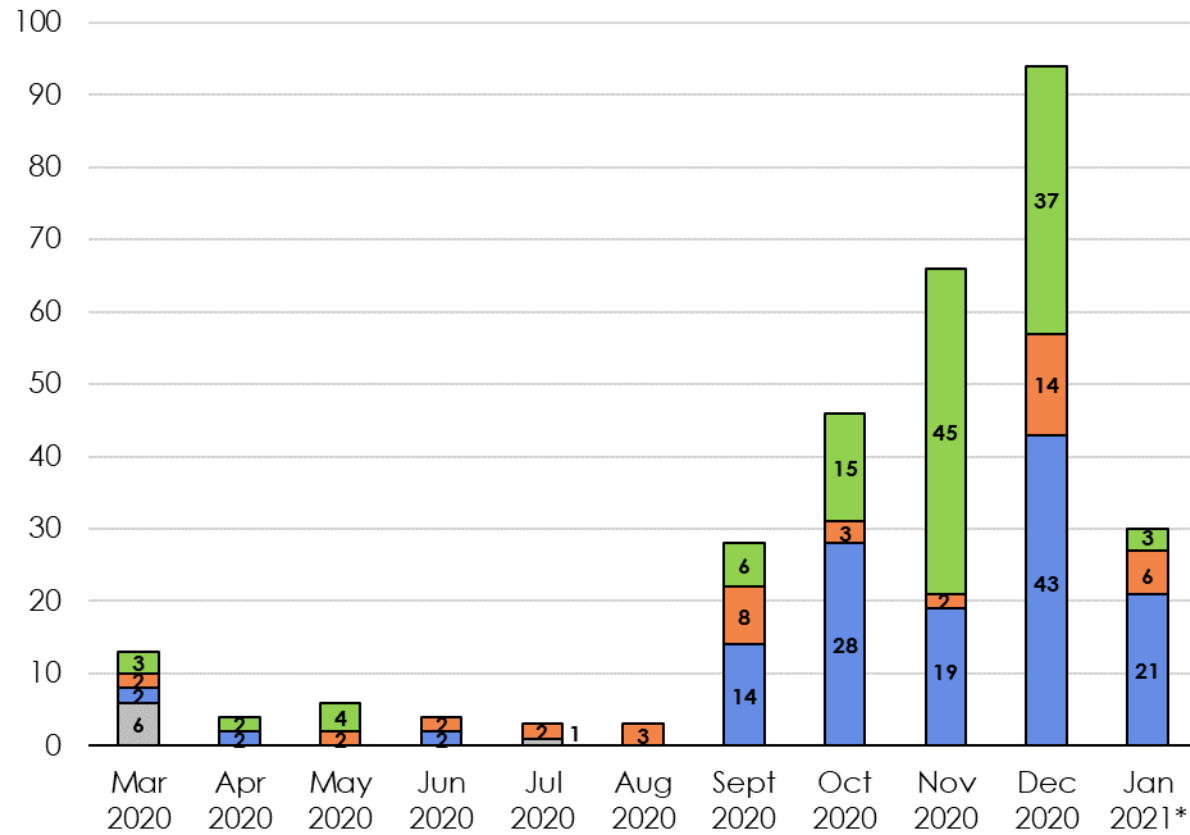
*As of January 26, 2021

**Episode date is intended to approximate symptom onset date (the earliest date available between date of symptom onset, specimen collection/test date, or date reported to public health).



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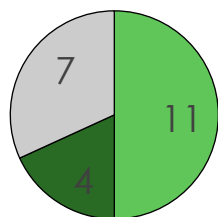
Interprovincial Travel
 Close Contact
 Community Spread
 Outbreak Setting

Data source: Renfrew County and District Health Unit

COVID-19 in the School Environment

As of January 26, 2021:

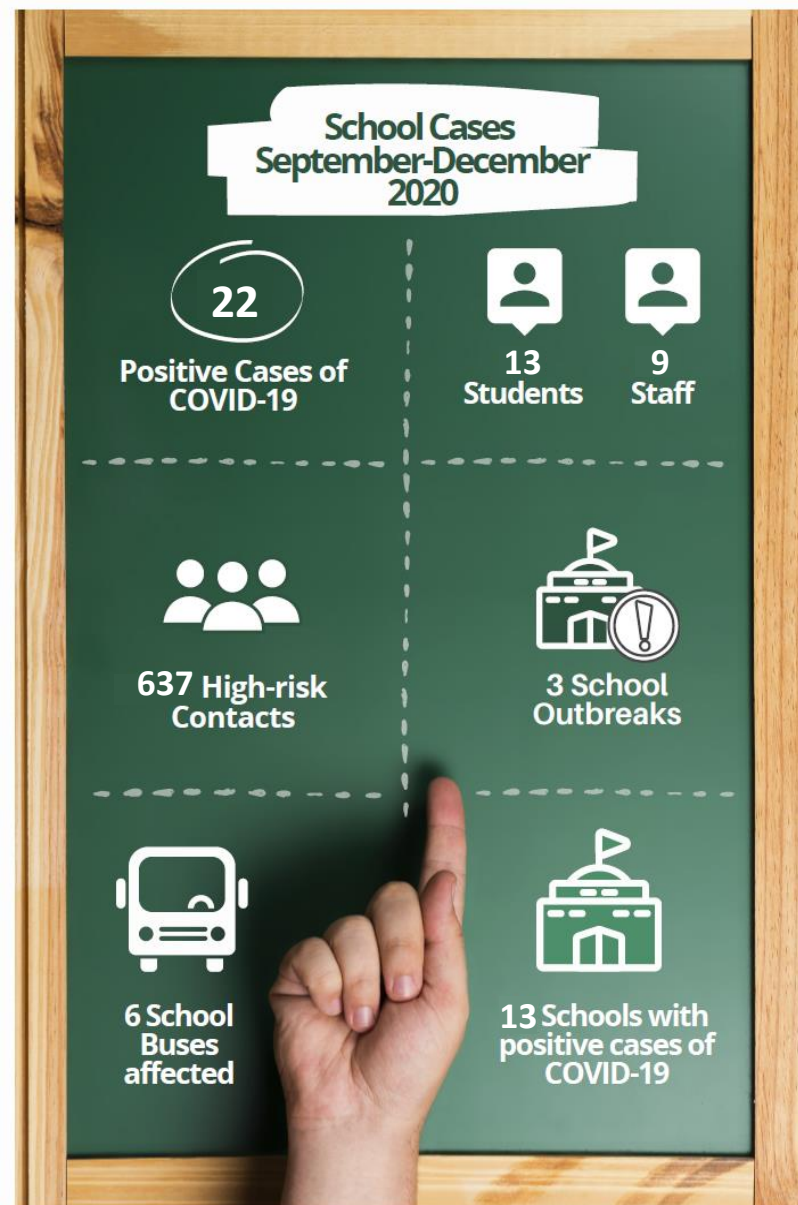
- 22 of 297 cases (**7.4%**) in RCD have been school-related
 - **13 of 22 (60%)** were students
 - **9 of 22 (40%)** were staff members
 - **15 of 22 (68%)** most likely acquired their infection *outside* of the school setting



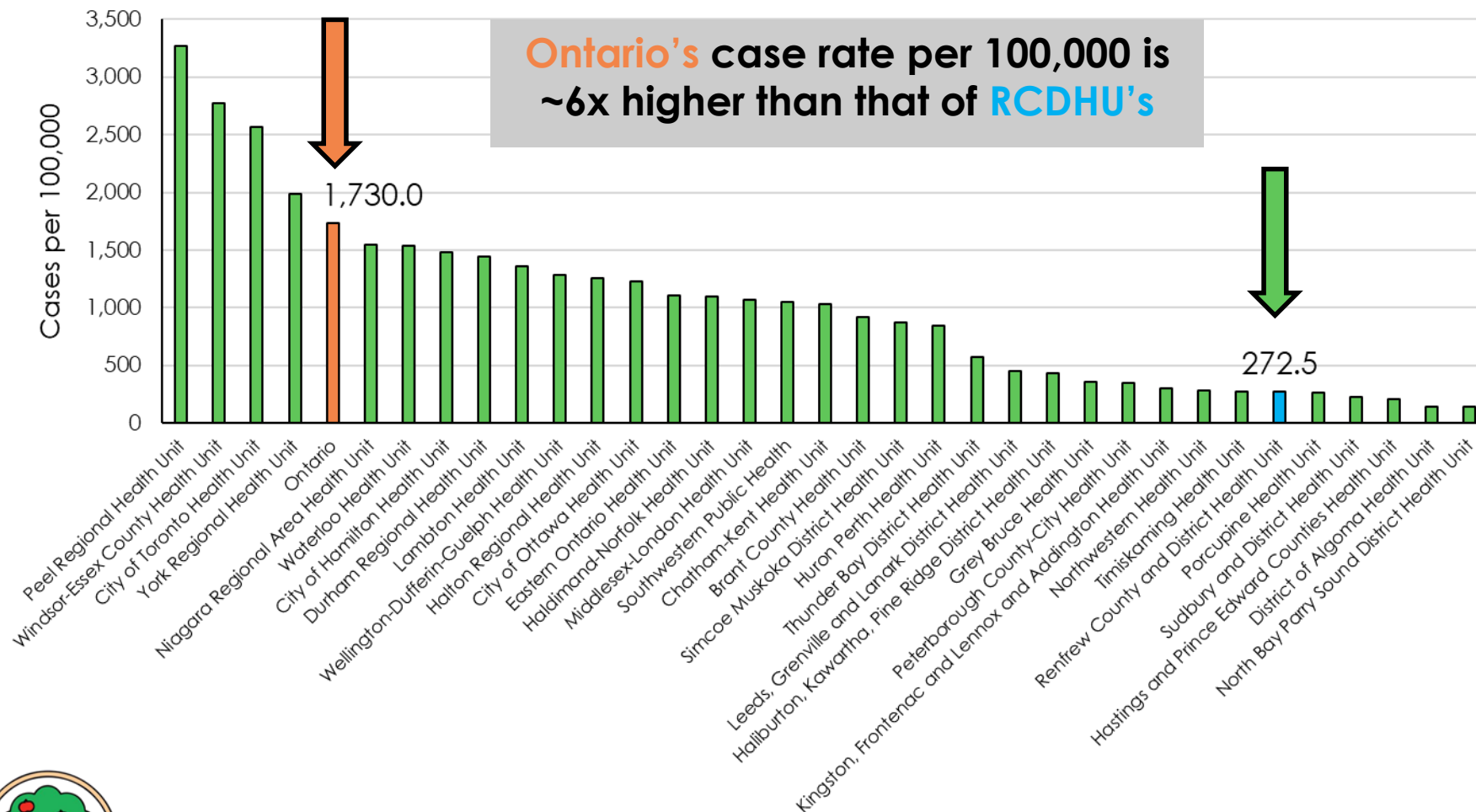
- Outside School - Close Contact
- Outside School - No Epi Link
- Within School - Outbreak



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RCDHU Compared to Other PHUs



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Key Epidemiology Messages

- ~4 weeks since province-wide lockdown implemented (Dec. 26, 2020)
- Past 2 weeks in RCD, COVID-19 trends have been moving in the right direction
 - Weekly incidence low, % positive low, community spread low
 - Preliminary evidence that lockdown measures have been effective in RCD
- RCDHU supports the decision to reopen schools for in-person learning this week
- RCDHU thanks municipalities for continuing to support and follow public health recommendations

Let's keep up the great work!



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