

**MINUTES OF THE NEW WESTMINSTER BOARD OF EDUCATION
OPERATIONS POLICY & PLANNING COMMITTEE**

**Tuesday, May 11, 2021, 6:30 PM
Via Webex Livestream**

PRESENT	<p>Gurveen Dhaliwal, Chair Dee Beattie, Vice Chair Anita Ansari, Trustee Danielle Connelly, Trustee Mark Gifford, Trustee Mary Lalji, Trustee Maya Russell, Trustee</p>	<p>Karim Hachlaf, Superintendent Bettina Ketcham, Secretary-Treasurer Maryam Naser, Associate Superintendent Robert Weston, Executive Director of Human Resources Caroline Manders, Recording Secretary Guests: Members of the Public Dave Crowe, Director of Capital Projects Julie MacLellan, Reporter, New Westminister Record Marcel Marsolais, President, CUPE Local 409 Sarah Wethered, President, NWTU</p>
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Chair Connelly recognized and acknowledged the Qayqayt First Nation, as well as all Coast Salish peoples, on whose traditional and unceded territories we live, we learn, we play and we do our work.

1. Approval of Agenda

The meeting was called to order at 6:31pm.

Moved and Seconded

THAT the agenda for the May 11, 2021 Operations Policy and Planning Committee meeting be adopted as distributed.

CARRIED UNANIMOUSLY

2. Comment & Question Period from Visitors

A member of the public shared advocacy to support school bus transportation between Connaught Elementary and Fraser River Middle schools.

Questions were asked about what the threshold number would be to make the Grade 2-8 Online Program feasible. Please refer to the detailed Superintendent Recommendations on page 3 of the Minutes.

3. Reports from Senior Management

a. Capital Projects Update

i. Richard McBride Elementary School Replacement Project

Director of Capital Projects Crowe provided highlights:

- Seven months away from the project being completed.
- All systems are green on this project; no areas for concerns.
- Roof has been completed.
- Work will start on underground infrastructure (utilities, etc.)

The basketball court will be relocated to a new area, once the new school has been completed.

Director of Capital Projects Crowe indicated that the new landscaping will take advantage of its surrounding such as the ravine and outdoor learning areas. The reason for the location of the new school is to be able to utilize its surroundings as part of its landscape.

b. Operations Update

i. Facilities Report May 2021

Secretary-Treasurer Ketcham provided highlights.

ii. Financial Forecast to June 30, 2021

Secretary-Treasurer Ketcham provided an overview of the District's financial forecast to June 30. Expenses and Revenues were reviewed:

Secretary-Treasurer Ketcham indicated that due to COVID-19, there have been unusual impacts to the budget, which have resulted in some additional savings as indicated.

iii. Technology Information Services Verbal Update

Associate Superintendent Naser provided an update. Employee laptops have arrived and will be prepared for a staff refresh. WiFi upgrades will be completed at some schools.

c. Terms of Engagement with Auditor

Secretary-Treasurer Ketcham explained that the current Terms of Engagement provide for an optional extension of two years and recommended that the Board support this extension.

Moved and Seconded

THAT the Operations Policy & Planning Committee recommend to the Board of Education of School District No. 40 (New Westminster) to confirm and continue the engagement of KPMG, LLP for year-end audit services for 2021-2022 and 2022-2023.

CARRIED UNANIMOUSLY

d. COVID-19 Update

Superintendent Hachlaf highlighted the status of COVID-19 in the District. Fraser Health published a detailed report on May 11, please refer to the full document included at the end of the Minutes.

- Less than 1% of approximately 315K staff and students in the Fraser Health region contracted COVID-19
- Transmission within schools is much lower than the community.
- Definitions of cluster and outbreak.
- New Westminster District had the lowest rate of transmission compared to other Fraser Health Districts.

Grad 2021 Update

Superintendent Hachlaf explained that due to the pandemic, the preparations for the graduation have changed. At this year's graduation ceremony, the new NWSS school theatre will be used and students will walk the stage (in groups of 10). However, parents are not able to attend the event in person due to the Provincial Health Officer Order on gathering limits in place at the moment. NWSS is working with staff to

create a video capturing the students walking the stage. Should conditions change after May 25, staff will adapt as necessary to make the ceremony as special as possible. A MS Teams meeting has been scheduled for Thursday, May 13 for NWSS parents and students.

e. 2021-2022 Superintendent Recommendations

Superintendent Hachlaf and members of Senior Management provided a detailed overview of the Recommendations for the 2021-2022 budget:

- New Westminster Schools: pandemic recovery; back to the plan; enrollment growth - the fastest growing District in the Lower Mainland.
 - Structural Deficit - needs to be approached gently and in a well-managed and thoughtful way.
 - Anticipated deficit in 2021-22 is \$1,846,449, assuming rebound of International students, adjusted structural deficit is \$1,035,401.
 - Option 1: do nothing
 - Option 2: do a measured approach; efficiencies taken over time (2 years).
 - Expected Accumulated Surplus - end of 2021-22 is \$2,194,121
 - Priorities outlined are one-time initiatives; this lines up well as funding aligns to one-time initiatives.
 - Total Efficiencies: \$538,022
- Next steps: Complete 1st and 2nd reading of budget bylaw.
 - 3rd and final reading will be completed at May 25 Regular Open Board meeting.

i. Online Learning Grades 2-8 Verbal Update:

Superintendent Hachlaf highlighted discussions had with families about future plans.

For full comments and questions, please refer to the [meeting video](#) at 2.48 mark.

In summary, the District is not able to financially support a Grade 2-8 online program with the number of families (52) who have expressed an interest.

Trustee Lalji brought forward the following motion:

Moved
MOTION NOT SECONDED

THAT the Operations Policy and Planning Committee recommend to the Board of Education of School District No. 40 (New Westminster) that the Trustees agree to donate \$5,000 from their 2020-2021 and \$5,000 from their 2021-2022 stipend to cover the remaining balance to allow for an online learning program in the 2021-2022 school year.

4. **General Announcements**

Nil.

5. **New Business**

a. Trustee Remuneration

Secretary-Treasurer Ketcham provided a brief overview of the annual review of the Trustee Stipend.

Moved and Seconded

THAT the Operations Policy and Planning Committee recommend to the Board of Education of School District No. 40 (New Westminster) to approve a trustee stipend increase of 2.06% in line with the 5-year rolling average Vancouver consumer price index and that the adjustment be effective July 1, 2021.

**CARRIED
1 Opposed**

b. School-based Vaccine Program

Trustee Connelly spoke about the school-based vaccine program, which has been paused for Grades 6 and 9 students due to the pandemic, and there has been no additional information as to when the HPV and Meningococcal vaccines will resume to be administered. Discussion followed. It was felt that the timing of sending a letter to Fraser Health at this time, may not be well-received due to their work involved with the ongoing pandemic and it was suggested that fall may be a better time.

Moved and Seconded

THAT the Operations Policy and Planning Committee recommend to the Board of Education of School District No. 40 (New Westminster) to send a letter to the Minister of Health (the Honourable Adrian Dix) and the head of Fraser Health to advocate for the immediate catch-up of the school-based immunization program.

MOTION NOT VOTED ON

AMENDED MOTION

Moved and Seconded

THAT the Operations Policy and Planning Committee recommend to the Board of Education of School District No. 40 (New Westminster) to send a letter to the Minister of Health (the Honourable Adrian Dix) and the head of Fraser Health to advocate for the immediate catch-up of the school-based immunization program.

CARRIED UNANIMOUSLY

6. Old Business

Nil.

Moved and Seconded

THAT the Operations Policy and Planning Committee meeting be extended by 30 minutes.

CARRIED UNANIMOUSLY

7. Question Period (15 Minutes)

Please refer to the [meeting video](#) at 3.30 mark for full comments.

8. Adjournment

The meeting adjourned at 10:11pm.

COVID-19 school cluster and transmission analysis

May 7, 2021

Purpose

Retrospective analysis of COVID-19 cases in K-12 school settings to determine clusters and transmission dynamics

Inclusion criteria

COVID-19 cases reported to Public Health between January 1 and March 7, 2021 in students and staff who attended school (K-12 public/independent)

Methods

- Identified all schools with >1 case within a 14-day period (excluding cases from the same household)
- Determined whether in-school transmission occurred based on standardized transmission/acquisition definitions
- Cases reviewed by team of epidemiologists, analysts and MHO over 6 week period
- MHO consulted for complex and ambiguous cases

Definitions

- **Suspect in-school acquisition/transmission** defined as:
 - Case attended school during acquisition period
 - Case has no known exposure to a household or community case with symptom onset two or more days earlier
- **Possible in-school acquisition/transmission event** defined as:
 - Suspect definition above AND
 - When 2 or more cases within the same classroom/admin areas/school bus/other school supervised venue or activity or with confirmed contact between cases in school based setting with similar symptom onset within 2 calendar day window without any other known acquisition
- **Likely in-school acquisition/transmission** defined as:
 - Suspect definition above AND
 - Acquisition period of case overlaps with infectious period of another case in the same classroom/admin areas/school bus/other school supervised venue or activity or with confirmed contact between cases in school based setting

*Does not include cases who were en route to school together (e.g. car-pooled or walking – excludes school bus use) as these are considered as community transmission and not issues with school based safety measures. Includes sporting events on school property and after-school programs that are operated by school or led by staff employed by school

Definitions

- **Confirmed cluster**

- At least one in-school transmission event (possible or likely) in a 14-day period

- **Declared outbreak**

- Cluster with evidence of ongoing transmission in multiple classrooms/admin areas¹

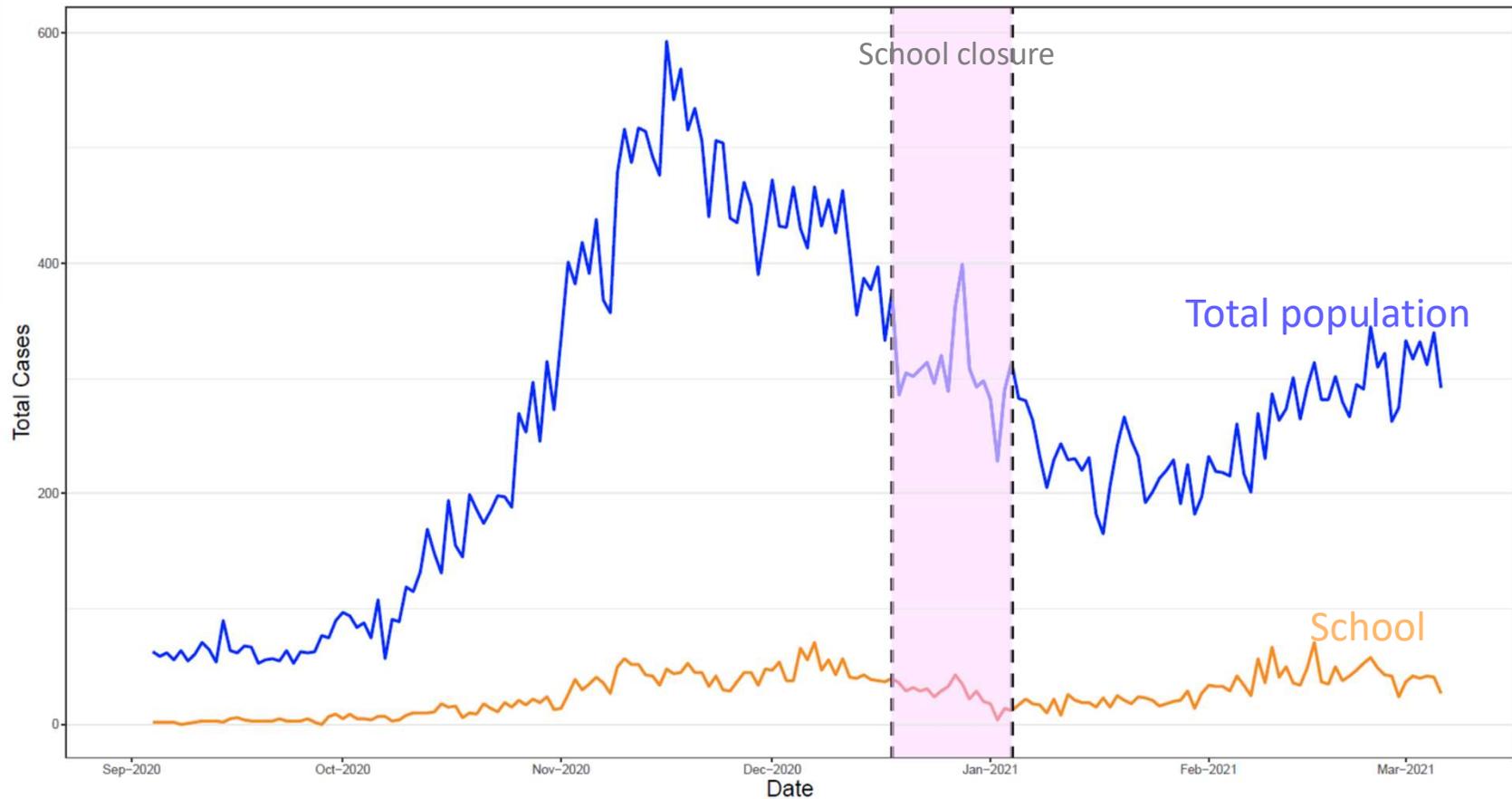
¹Outbreaks are declared at the MHO's discretion and are publicly posted when declared

Data Sources

- PARIS - clinical information system containing data collected by Public Health based on BCCDC COVID-19 Case Report Form
- Ministry of Education – school denominators

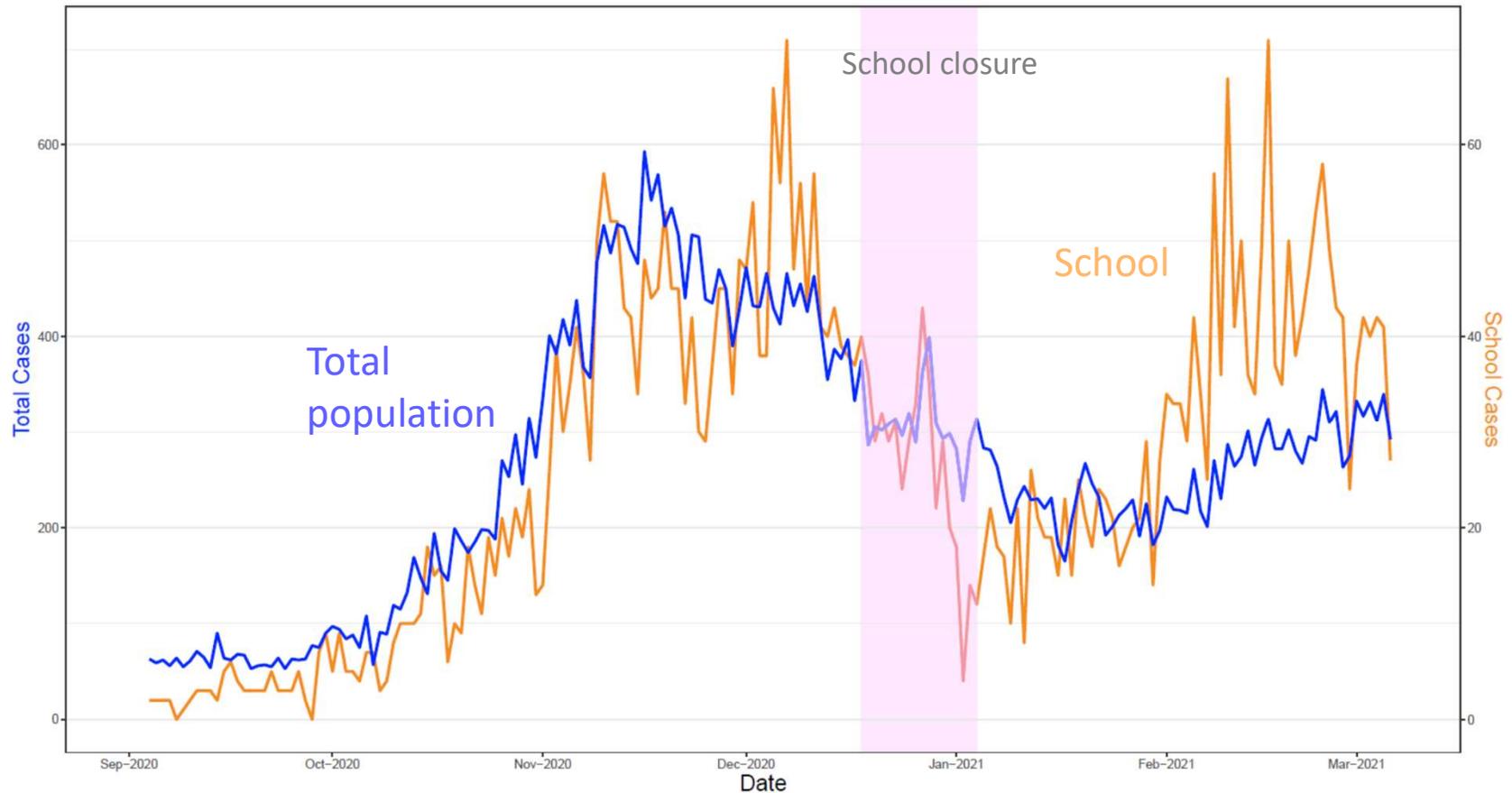
Results

Overall COVID-19 cases and school cases reported in Fraser Health between September 2020 and March 2021



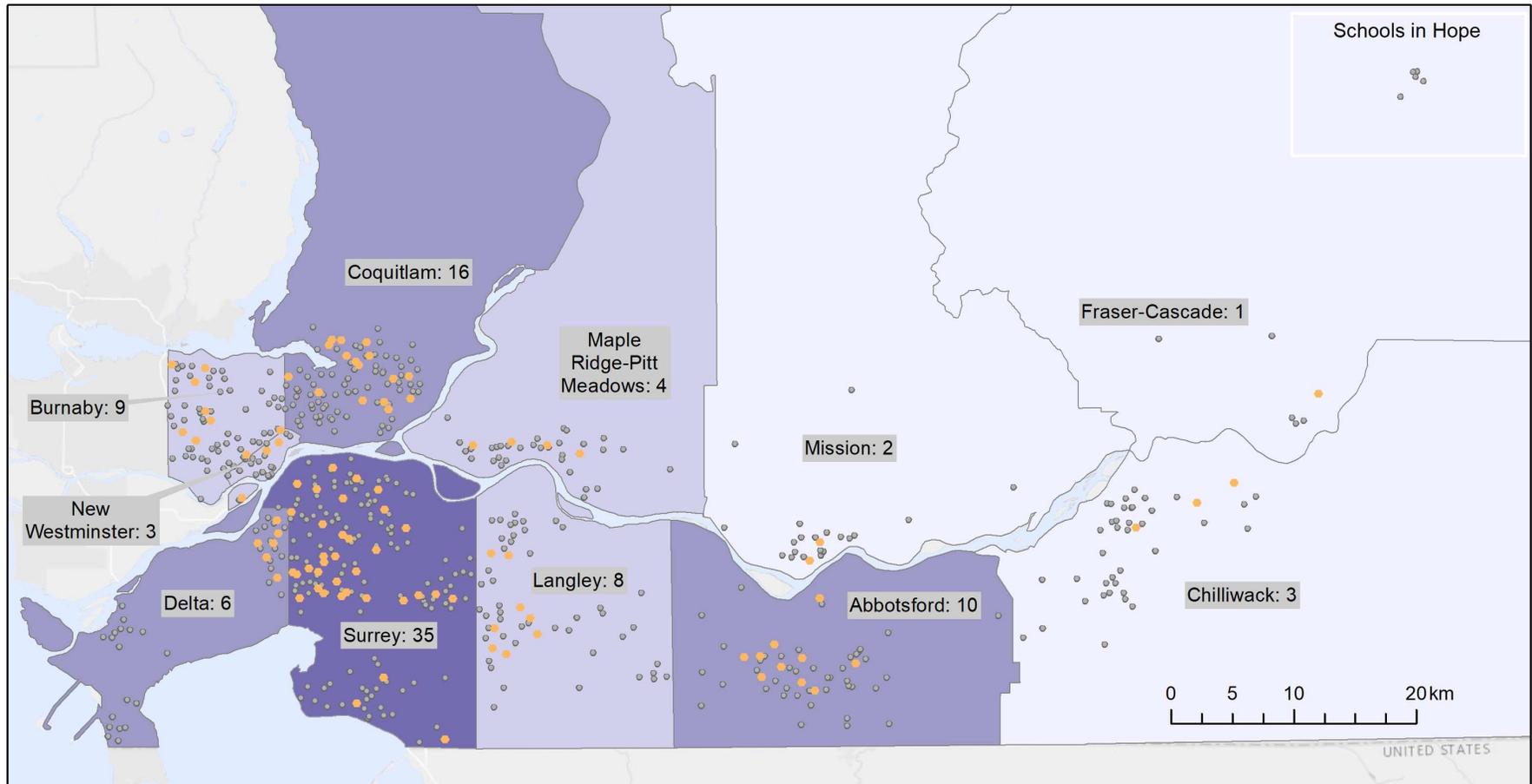
- Same scale used for total and school relationship, highlighting relative proportion of school to total population cases

Overall COVID-19 cases and school cases reported in Fraser Health between September 2020 and March 2021

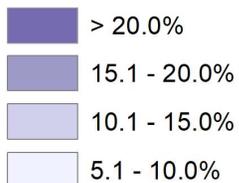


- Separate scales used for total and school relationship, highlighting similar temporal patterns in rise and fall of cases

Schools with confirmed COVID-19 clusters/outbreaks by School District Jan 1 - Mar 7, 2021



Schools with confirmed clusters/ outbreaks (%) by School District:



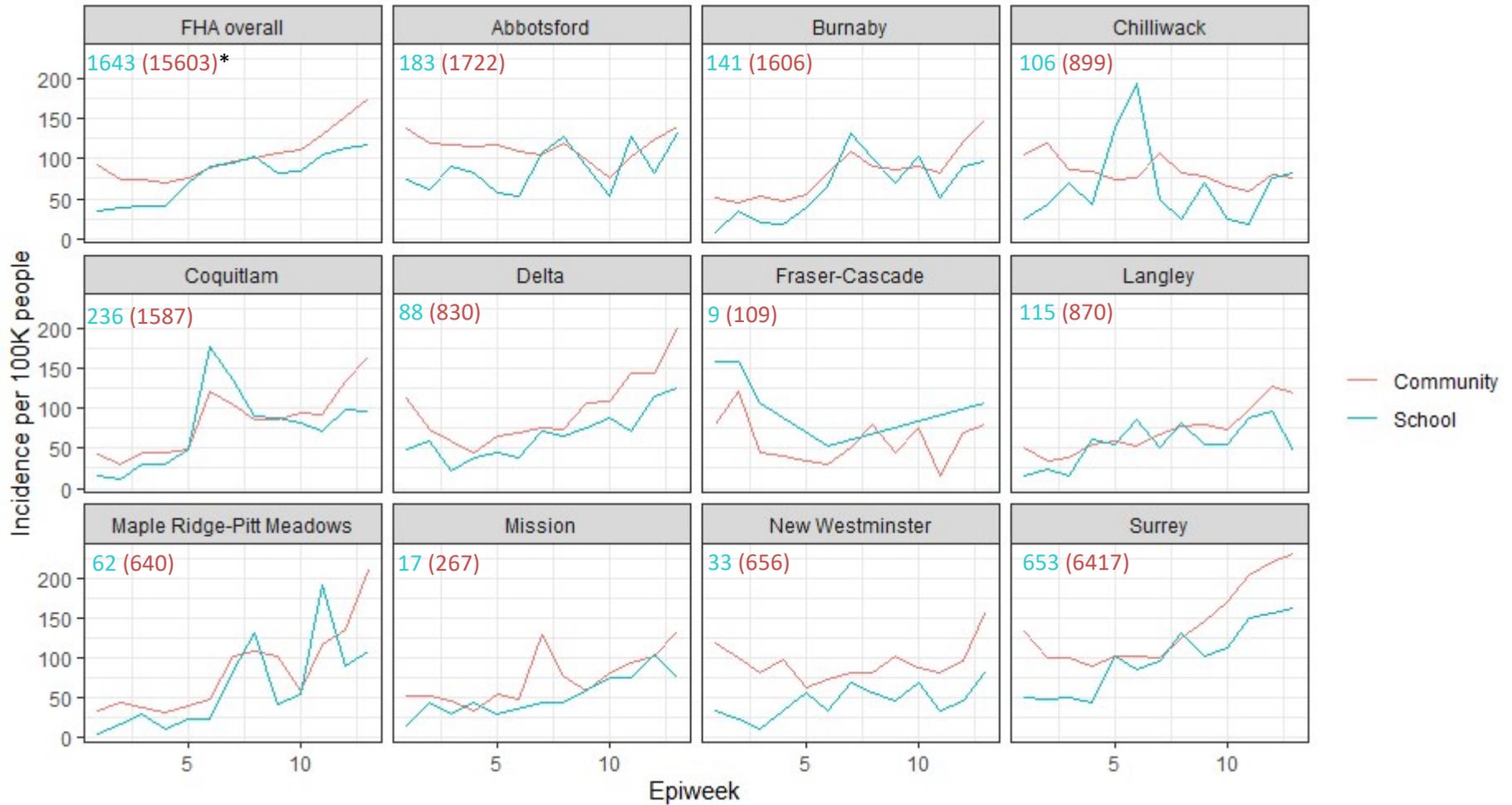
School sites

- School cluster/outbreak locations (total: 97)
- School locations (total: 639)

School district:
of school clusters

Data source: PARIS COVID-19 dataset
Base map: Esri World Light Gray Canvas
Projection: UTM Zone 10N
Prepared by: Population Health Observatory
Date: March 2021

Weekly Incidence Rate in community and student population by School District



- * Cumulative number of cases with episode date between Jan 1 and March 7, 2021 for **students** and **community overall**.
- Includes students from public, Francophone and independent schools in the geographic boundary of the school district
- Smaller numbers in Fraser-Cascade may result in high variability

Geographical Distribution of Confirmed School Clusters and Outbreak

School District	Independent Schools (% of schools with confirmed clusters/ outbreaks in area)	Public Schools (% of schools with confirmed clusters/ outbreaks in area)	No. clusters/outbreaks (% of total clusters/ outbreaks)
Chilliwack	5 (100%)	-	5 (4.3%)
Abbotsford	4 (40%)	6 (60%)	10 (8.6%)
Langley	1 (11.1%)	8 (88.9%)	9 (7.8%)
Surrey	6 (13.6%)	38 (86.4%)	44 (37.9%)
Delta	-	7 (100%)	7 (6.0%)
New Westminster	-	3 (100%)	3 (2.6%)
Burnaby	3 (30%)	7 (70%)	10 (8.6%)
Maple Ridge-Pitt Meadows	-	4 (100%)	4 (3.4%)
Coquitlam	2 (9.5%)	19 (90.5%)	21 (18.1%)
Mission	-	2 (100%)	2 (1.7%)
Fraser-Cascade	1 (100%)	-	1 (0.9%)
Total clusters/ outbreaks	22 (19.0%)	94 (81.0%)	116 (100%)

Size of Confirmed School Clusters

	School Type		Total
	Public Schools	Independent	
Total number clusters	94	21	115
Size of cluster			
Min, Max	2, 11	2, 19	2, 19
Median	2	2	2
Mean	2.9	3.5	3.0
Index case role			
Student, n (VOC)	66 (8)	17 (1)	83 (9)
<i>age 5 - 12, n (VOC)</i>	36 (2)	7	43 (2)
<i>age 13 - 18, n (VOC)</i>	30 (6)	10 (1)	40 (7)
Staff, n (VOC)	24	2	26
Unknown index case*	4	2	6

*Missing data or transmission from undetected index case

- This and following slides focus on clusters. Single outbreak that occurred was excluded due to unique context of transmission.

Characteristics of Confirmed School Clusters

Role	Age group	VOC cases		Non-VOC cases		Total
		N	%	N	%	
Student						
	5-12	11	7.4	137	92.6	148
	13-18	15	12.9	101	87.1	116
Staff						
	>18	2	2.4	81	97.6	83
Total cases		28	8.1	319	91.9	347

*No VOC cases associated in schools with outbreaks

Directionality of Known In-School Transmission Events within Confirmed Clusters

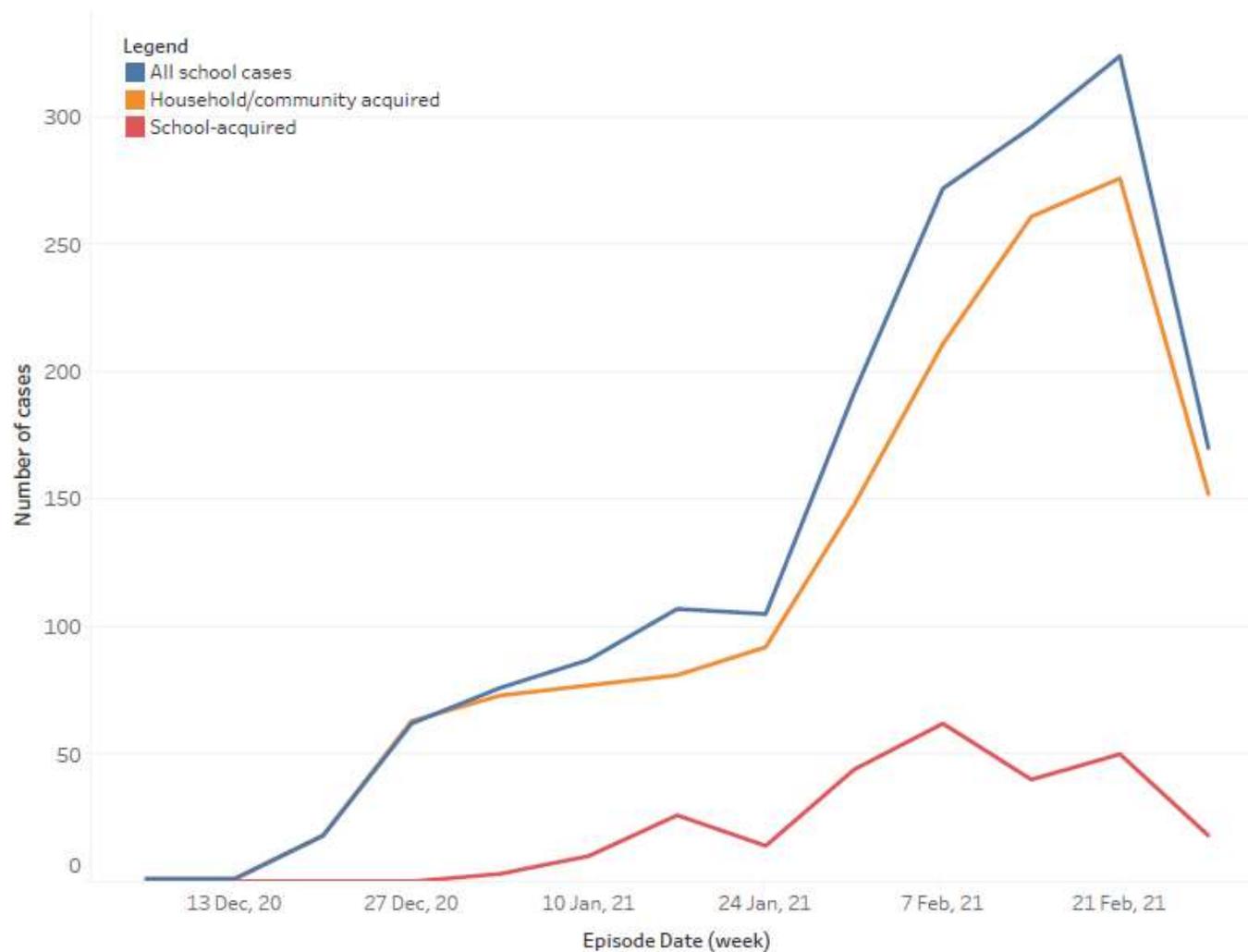
Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	108 (45.4%)	17 (7.1%)	125 (52.5%)
<i>Student-staff</i>	26 (10.9%)	1 (0.4%)	27 (11.3%)
<i>Staff-staff</i>	22 (9.2%)	1 (0.4%)	23 (9.7%)
<i>Staff-student</i>	51 (21.4%)	-	51 (21.4%)
<i>Unclear direction/ Transmission from unknown index</i>	12 (5.0%)	-	12 (5.0%)
Total	219 (92.0%)	19 (8.0%)	238 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

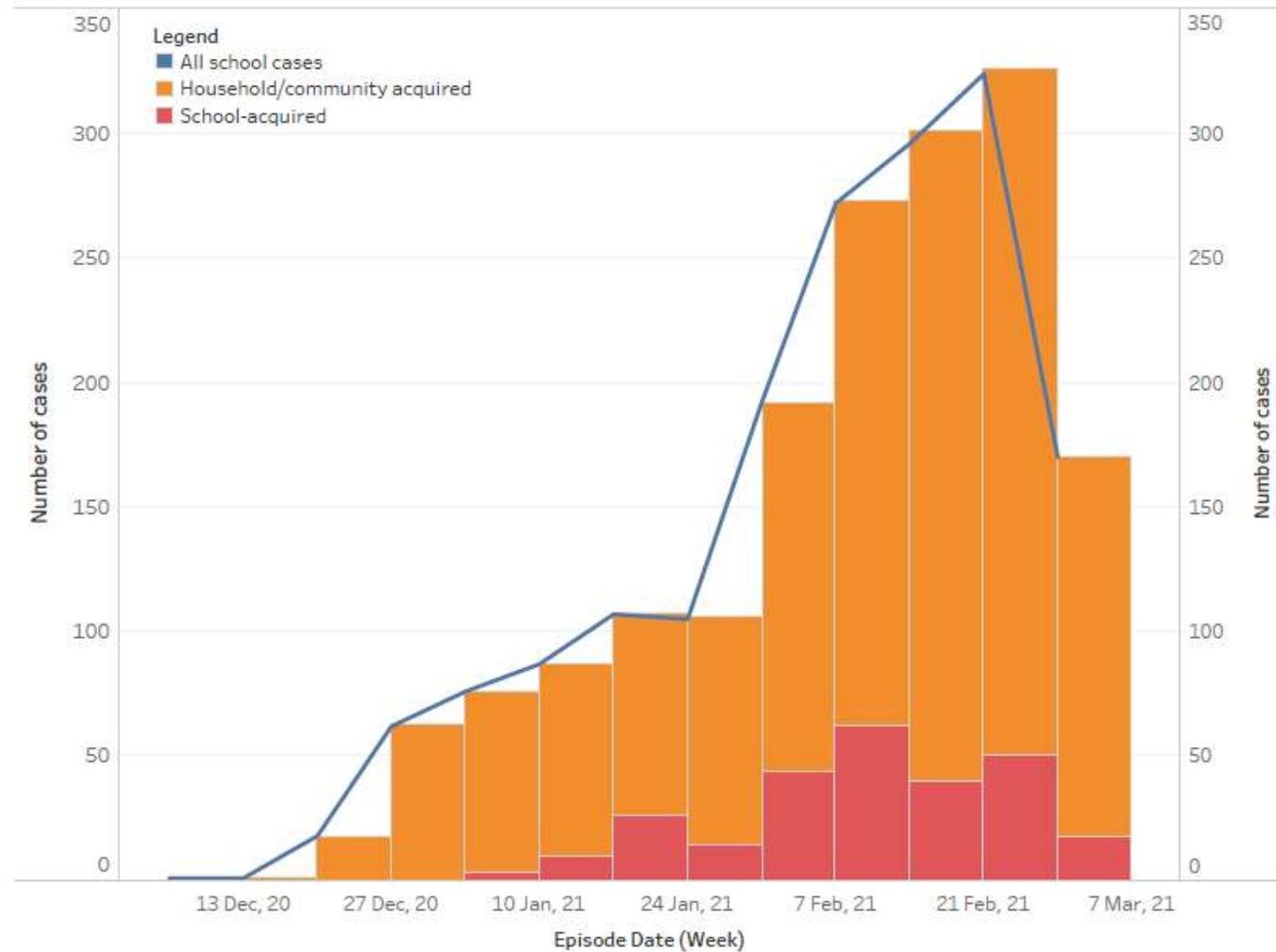
*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- There were an additional 333 cases with suspect acquisition in school that were not included in confirmed clusters as additional analysis is warranted to determine if linked or not to in-school acquisition

Cases with In-School vs Household/Community Acquisition



Cases with In-School vs Household/Community Acquisition



Summary the number of household/ community transmissions that resulted from cases that acquired from school

2049

cases examined



267 (13.0%)

likely or possibly acquired from school among confirmed clusters
(333 suspect unable to rule out in-school acquisition)



179 (67.0%) led to no household or community transmission

88 (33.0%) led to household and/or community transmission

- Any household: N = 86 (32.2%)
- Any community: N = 8 (3.0%)

Summary of the number of household/ community transmissions that resulted from cases that acquired from school – FHA overall

Household transmission

Household transmission (N)	School-acquired case (N)	School-acquired case (%)
0	181	67.8%
1	43	16.1%
2	25	9.4%
3	12	4.5%
4	3	1.1%
5	3	1.1%
Grand Total	267	100.0%

Household transmission events per school-acquired case:

Mean: 0.58

Median: 0

Community transmission

Community transmission (N)	School-acquired case (N)	School-acquired case (%)
0	259	97.0%
1	8	3.0%
Grand Total	267	100.0%

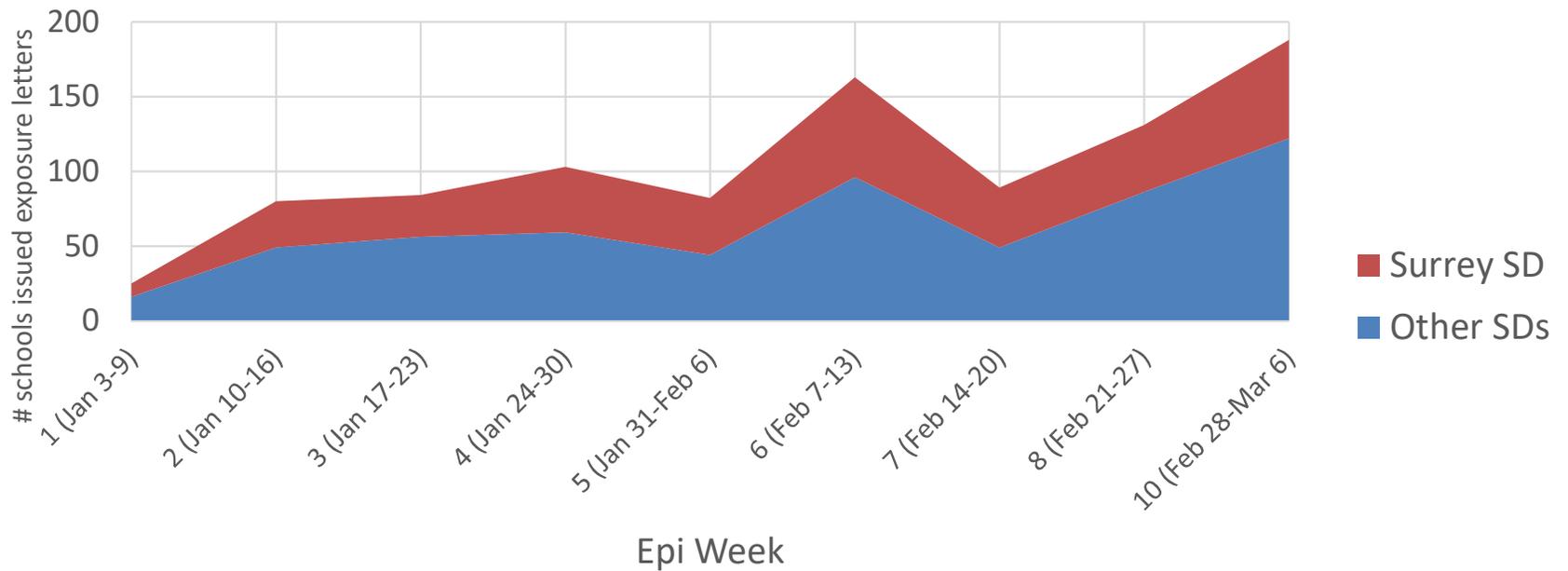
Community transmission events per school-acquired case:

Mean: 0.03

Median: 0

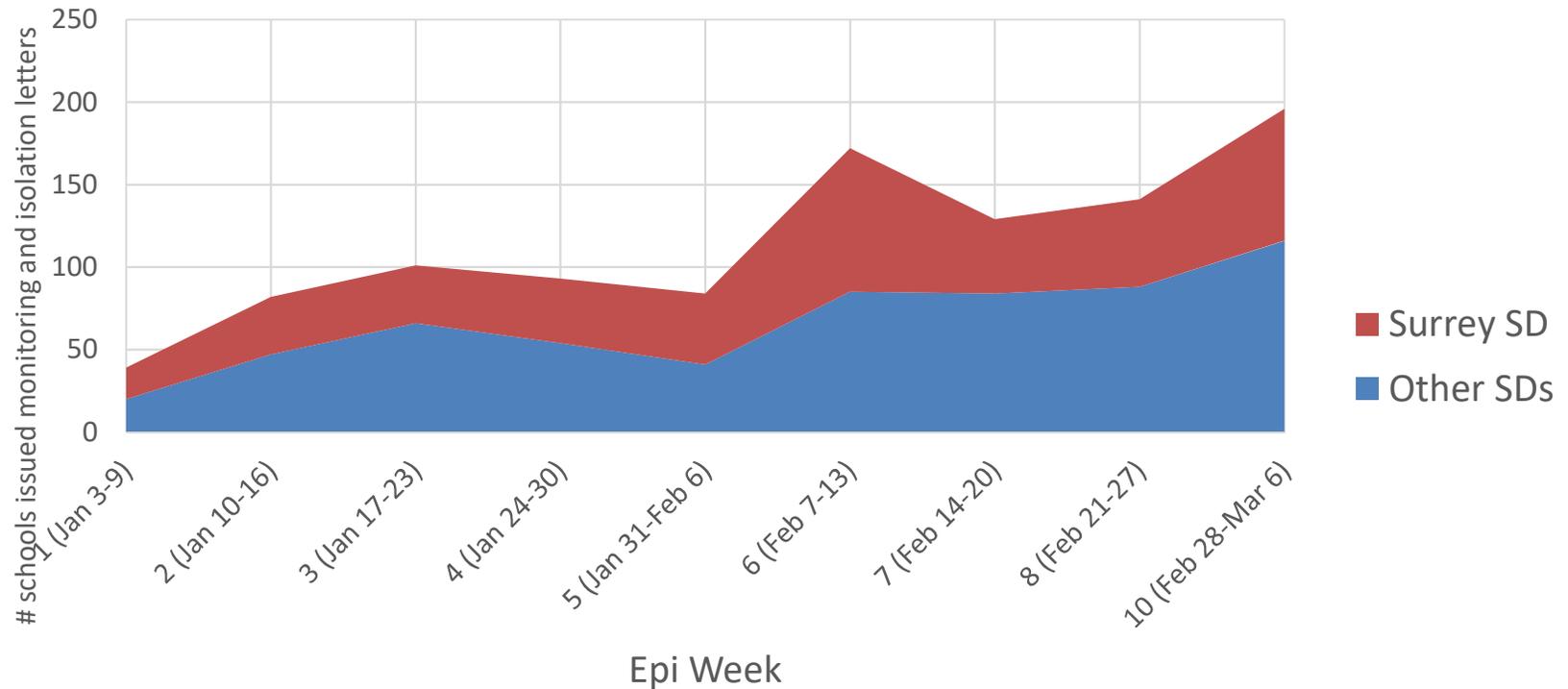
Burden of exposure notifications and isolation orders over time that are issued by FH

Weekly school exposure notifications issued by FH



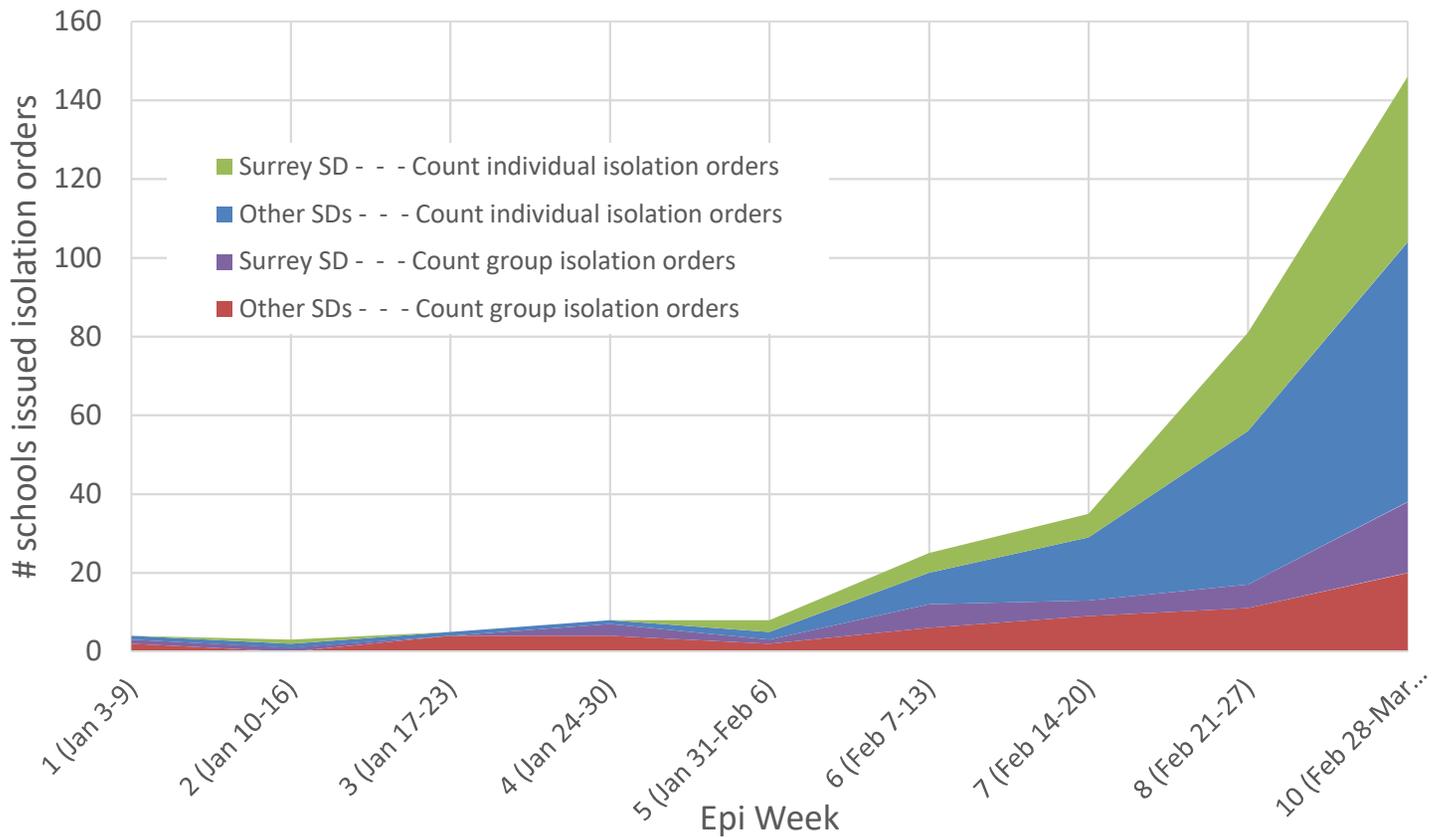
Burden of exposure notifications and isolation orders over time that are issued by FH

Weekly monitoring and isolation recommendations issued by FH



Burden of exposure notifications and isolation orders over time that are issued by FH

Isolation recommendations issued by FH



Key Findings (1)

- A total of 2049 school-associated cases were reported
 - This represents 0.65% of the total estimated staff and school population in Fraser region (approximately 315,000 staff and students)
- 19.6% were associated with a confirmed cluster or outbreak
 - 115 confirmed clusters in 96 schools involving 347 cases, with cluster size tending to be limited to 2 cases
 - 1 outbreak in one school involving 54 cases
 - There are approximately 640 K-12 schools in the Fraser region

Key Findings (2)

- 72.8% of clusters were attributed to introduction of COVID into schools by students
 - This was expected as students proportionately make up the majority of the school population
 - Staff are known to be involved in 42.4% of transmission events
 - Approximately 8% of in school transmission in confirmed clusters were associated with VOC cases
- Of the 267 cases (13% of all school-associated cases) who were likely/possibly acquired from school, 88 (4.3% of all school-associated cases) led to household/community transmission, and mostly within the household
 - Put another way, 87% of school-associated cases were acquired in the household/community

Limitations

- Study period reflects only the early stages of COVID-19 variant introduction into and spread within Fraser region communities and therefore their impact is not fully assessed in this study.
- Suspect in-school acquisitions (333 cases) are pending whole genome sequencing to determine if school-acquired. Current results reflect possible/likely in-school acquisition.

Directionality of Known In-School Transmission Events within Confirmed Clusters: Surrey School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	25 (31.3%)	14 (7.5%)	39 (48.8%)
<i>Student-staff</i>	11 (13.8%)	1 (1.3%)	12 (15%)
<i>Staff-staff</i>	7 (8.75%)	1 (1.3%)	8 (10%)
<i>Staff-student</i>	17 (21.3%)	-	17 (21.3%)
<i>Unclear direction/ Transmission from unknown index</i>	4 (5%)	-	4 (5%)
Total	64 (80%)	16 (20%)	80 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Coquitlam School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	23 (50%)	-	23 (50%)
<i>Student-staff</i>	5 (10.9%)	-	5 (10.9%)
<i>Staff-staff</i>	3 (6.5%)	-	3 (6.5%)
<i>Staff-student</i>	13 (28.3%)	-	13 (28.3%)
<i>Unclear direction/ Transmission from unknown index</i>	2 (4.4%)	-	2 (4.4%)
Total	46 (100%)	-	46 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Abbotsford School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	23 (59.0%)	-	23 (59.0%)
<i>Student-staff</i>	3 (7.7%)	-	3 (7.7%)
<i>Staff-staff</i>	2 (5.1%)	-	2 (5.1%)
<i>Staff-student</i>	9 (23.1%)	-	9 (23.1%)
<i>Unclear direction/ Transmission from unknown index</i>	2 (5.1%)	-	2 (5.1%)
Total	39 (100%)	-	39 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Langley School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	10 (71.4%)	-	10 (71.4%)
<i>Student-staff</i>	-	-	-
<i>Staff-staff</i>	2 (14.3%)	-	2 (14.3%)
<i>Staff-student</i>	-	-	-
<i>Unclear direction/ Transmission from unknown index</i>	2 (14.3%)	-	2 (14.3%)
Total	14 (100%)	-	14 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Burnaby School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	10 (38.5%)	2 (7.7%)	12 (46.2%)
<i>Student-staff</i>	3 (11.5%)	-	3 (11.5%)
<i>Staff-staff</i>	4 (15.4%)	-	4 (15.4%)
<i>Staff-student</i>	7 (26.9%)	-	7 (26.9%)
<i>Unclear direction/ Transmission from unknown index</i>	-	-	-
Total	24 (92.3%)	2 (7.7%)	26 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Chilliwack School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	5 (55.6%)	-	5 (55.6%)
<i>Student-staff</i>	1 (11.1%)	-	1 (11.1%)
<i>Staff-staff</i>	-	-	-
<i>Staff-student</i>	1 (11.1%)	-	1 (11.1%)
<i>Unclear direction/ Transmission from unknown index</i>	2 (22.2%)	-	2 (22.2%)
Total	9 (100%)	-	9 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Delta School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	6 (75%)	1 (12.5%)	7 (87.5%)
<i>Student-staff</i>	-	-	-
<i>Staff-staff</i>	1 (12.5%)	-	1 (12.5%)
<i>Staff-student</i>	-	-	-
<i>Unclear direction/ Transmission from unknown index</i>	-	-	-
Total	7 (87.5%)	1 (12.5%)	8 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: New Westminster School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	2 (50%)	-	2 (50%)
<i>Student-staff</i>	1 (25%)	-	1 (25%)
<i>Staff-staff</i>	-	-	-
<i>Staff-student</i>	1 (25%)	-	1 (25%)
<i>Unclear direction/ Transmission from unknown index</i>	-	-	-
Total	4 (100%)	-	4 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Maple Ridge – Pitt Meadows School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	2 (25%)	-	2 (25%)
<i>Student-staff</i>	1 (12.5%)	-	1 (12.5%)
<i>Staff-staff</i>	3 (37.5%)	-	3 (37.5%)
<i>Staff-student</i>	2 (25%)	-	2 (25%)
<i>Unclear direction/ Transmission from unknown index</i>	-	-	-
Total	8 (100%)	-	8 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Mission School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	-	-	-
<i>Student-staff</i>	1 (50%)	-	1 (50%)
<i>Staff-staff</i>	-	-	-
<i>Staff-student</i>	1 (50%)	-	1 (50%)
<i>Unclear direction/ Transmission from unknown index</i>	-	-	-
Total	2 (100%)	-	2 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries

Directionality of Known In-School Transmission Events within Confirmed Clusters: Fraser-Cascade School District only

Direction of transmission	Non-VoC cases	VoC cases ¹	Total
<i>Student-student</i>	2 (100%)	-	2 (100%)
<i>Student-staff</i>	-	-	-
<i>Staff-staff</i>	-	-	-
<i>Staff-student</i>	-	-	-
<i>Unclear direction/ Transmission from unknown index</i>	-	-	-
Total	2 (100%)	-	2 (100%)

¹ Refers to the VoC status of the recipient for each transmission event

*Note that VOC testing strategy in BC has evolved between January and March where it began as targeted testing of returning travellers and random background sampling to now include VOC screening of all COVID positive results processed at BCCDC.

- Includes public and independent schools within school district boundaries