



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

School boards are optimizing air quality in schools through improved ventilation and filtration. Implemented measures are dependent on the type of ventilation and feasibility within the context of school facilities and related building systems. This is a key element in the multiple protective strategies being employed to reduce the risk of COVID-19 transmission and support healthier and safe learning environments for students and staff.

MEASURES TO HELP REDUCE TRANSMISSION RISK IN INDOOR SETTINGS



Ventilation: Increasing the flow of outdoor/fresh air for diluting the concentration of any infectious particles.



Filtration: Involves the use of different types of fibrous media designed to remove particles from the

SCHOOL BOARD VENTILATION STRATEGY

- To have all ventilation systems inspected and in good working order prior to the start of the school year.
- To use the highest grade filters possible, with a preference to use Merv 13 and to undertake frequent filter changes throughout the year.
- To operate ventilation systems 2 hours before and after school and to calibrate HVAC systems for increased fresh air.
- To install and maintain a stand alone HEPA unit in all classrooms.



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD School Board Ventilation PROFILE

SCHOOL BOARD WIDE INVESTMENTS

2020-21/2021-22

Ventilation Funding* | **\$3,766,00**

2022-23

Planned Ventilation Projects | **\$975,000.2**

9

Ventilation projects completed

3

Ventilation projects in progress / planned

18

Schools receiving an investment, which is 100
of total schools in the board.

18

Schools to receive an investment, which is 100%
of total schools in the board.

Note: *This includes spending from dedicated ventilation programs, federal-provincial funding, provincial renewal funding and supplemental funding from other board sources.

STANDALONE HEPA FILTER UNITS DEPLOYED | **505**



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	Holy Cross Catholic Elementary
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	20

*Some measures may not be feasible within the context of a school facility/site and related building systems.

**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	Holy Trinity Catholic Elementary School
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	29

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	Immaculate Conception s
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	18

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	Marymount Academy Secondary
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	32

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	Pius XII Sep S
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	16

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Albert Adult Learning Centre (St Thomas Sep S)
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	14

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St. Anne Elementary School
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	28

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Benedict Catholic SS
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	49

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Charles College
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	85

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Charles Sep S
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	37

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St. David Catholic Elementary School
Ventilation System	Mechanical Ventilation

School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	17

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Francis S
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	49

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St James
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	24

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St John Sep S
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	19

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Joseph Sep S
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Ventilation System	Non-Mechanical Ventilation (Natural Ventilation / Exhaust Only)
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	10

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Mark Sep S
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Ventilation System	Non-Mechanical Ventilation (Natural Ventilation / Exhaust Only)
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	2

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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

Select your school here

School Name	St Paul the Apostle Sep S
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*

Ventilation assessed	✓
Running ventilation systems longer	✓
Higher grade filters installed	✓
Increased frequency of filter changes	✓
Increased fresh air intake (windows and/or mechanical ventilation systems)	✓
Standalone HEPA** filter units deployed in portables, as needed	Not Applicable
Standalone HEPA filter units in place	15

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