



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.

MEASURES TO OPTIMIZE VENTILATION IN SCHOOLS



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 airstream.

SCHOOL BOARD VENTILATION STRATEGY

- To have all ventilation systems inspected and in good working order prior to the school year and to carry out periodic inspections throughout the 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 in accordance with "Updated Ventilation Guidance and Best Practice" document as provided by the Ministry.
- To ensure that all classrooms have a stand alone HEPA filter and that the HEPA filters are maintained in accordance with manufacturer's instructions.



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD School Board Ventilation Profile

SCHOOL BOARD WIDE INVESTMENTS

2020-21/2021-22/2022-2023

Ventilation Funding* | \$7.9M

2023-24

Planned Ventilation Projects | \$0.6M

13

Ventilation projects completed

2

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	St Albert Adult Learning Centre (St Thomas Sep 5)
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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

*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	St. Anne Elementary School
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	Bishop Alexander Carter Catholic SS (formerly St Anne Sep S)
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	41

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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
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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 Sep 5
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	Holy Cross Catholic Elementary
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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

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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
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	Immaculate Conception s
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Ventilation System	Mechanical Ventilation
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	St James
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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 5
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Ventilation System	Non-Mechanical Ventilation (Natural Ventilation / Exhaust Only)
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	Marymount Academy Secondary
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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	St Mark Sep 5
-------------	---------------

Ventilation System	Non-Mechanical Ventilation (Natural Ventilation / Exhaust Only)
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School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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 5
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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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**High-Efficiency Particulate Air (HEPA)



SUDBURY CATHOLIC DISTRICT SCHOOL BOARD
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Select your school here

School Name	Pius XII Sep 5
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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
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Select your school here

School Name	St Charles College
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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
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Select your school here

School Name	Holy Trinity Catholic Elementary School
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Ventilation System	Mechanical Ventilation
--------------------	------------------------

School Ventilation and Filtration Measures*	
Ventilation assessed	✓
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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