

Immunization Coverage Rates in Middlesex-London Schools

The Immunization of School Pupils Act (ISPA) requires that students attending primary or secondary schools in Ontario be immunized against certain diseases.

2018/19 School Year

- The overall coverage rate for diphtheria, tetanus, polio (DTP) vaccine was 81.9%, with 2.5% philosophical exemptions.
- The overall coverage rate for measles, mumps, rubella (MMR) vaccine was 91.4%, with 2.6% philosophical exemptions.

Technical Notes

- The data were extracted from the Panorama Enhanced Analytics and Reporting (PEAR) database on August 26, 2019. The information presented here reflects the data contained within the PEAR database and could be missing immunizations not reported to the health unit.
- The Middlesex-London Health Unit screens students aged seven and 17 years old annually. If a student is found to have an incomplete immunization record during this screening, but has in fact received all appropriate immunizations, their record is updated in the PEAR database. Therefore, the data presented here likely under-represents the true coverage in Middlesex-London since not all students will have been screened.
- The data capture immunization coverage rates of Middlesex-London students, age seven to 17 (born between 2001 and 2011) by school, for the 2018/19 school year.
- Only data for publicly-funded schools in the City of London and Middlesex County, within the Thames Valley District School Board, the London District Catholic School Board, le Conseil scolaire Viamonde, and le Conseil scolaire catholique Providence are included.
- Percentages for each school may not add up to 100%; the difference includes individuals whose immunizations were not complete for their age, whose records may not be complete in the PEAR database, or who had another form of exemption.
- The immunization coverage rate is expressed as the proportion of students, who were complete for their age, for the particular vaccine, for the particular vaccine antigens amongst all students enrolled in the school for the 2018/19 school year:

$$\text{Coverage rate (\%)} = \frac{(\text{Compliant \#}) - (\text{Exemptions (all types)})}{\text{Enrolled population}} \times 100\%$$

- The philosophical exemption rate is expressed as the proportion of students who had a philosophical exemption for a particular vaccine antigen amongst all the students enrolled in the school for the 2018/19 school year:

$$\text{Philosophical exemption rate (\%)} = \frac{\text{Number of philosophical exemptions}}{\text{Enrolled population}} \times 100\%$$

Table 1. Immunization coverage rates for diphtheria, tetanus, polio (DTP) and measles, mumps, rubella (MMR) vaccines by school

Middlesex-London, 2018/19 school year

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
A B Lucas S. S.	1,434	79.7	1.9	94.1	2.2
Aberdeen P. S.	149	79.9	1.3	87.2	2.0
Académie de la Tamise	209	84.7	5.3	89.0	5.3
Adelaide - W G MacDonald P. S.	120	85.0	3.3	94.2	3.3
Arthur Ford P. S.	273	81.0	4.0	88.6	4.0
Arthur Stringer P. S.	200	80.5	3.0	85.0	3.0
Ashley Oaks P. S.	412	79.9	2.2	88.3	2.4
B Davison S. S.	126	84.9	0.0	99.2	0.0
Blessed Sacrament Separate School	180	70.6	1.1	72.8	1.1
Bonaventure Meadows P. S.	311	84.2	1.9	91.3	2.3
Byron Northview P. S.	412	86.7	2.2	91.7	2.4
Byron Somerset P. S.	248	91.9	2.8	95.6	2.8
Byron Southwood P. S.	428	81.3	4.4	92.8	4.4
C C Carrothers P. S.	290	80.7	4.1	86.6	4.5
Caradoc North School	147	91.8	2.7	95.2	2.7
Caradoc P. S.	235	88.9	0.4	97.0	0.4
Catholic Central High School	1,071	75.3	3.5	87.2	3.5
Cedar Hollow P. S.	346	87.6	0.6	90.8	0.9
Centennial Central School	214	87.4	4.7	91.1	4.7
Chippewa P. S.	310	82.6	2.6	91.6	2.9
Clara Brenton P. S.	557	84.6	1.4	92.1	1.8
Clarke Road S. S.	847	75.2	1.9	95.4	2.1
Cleardale P. S.	309	79.9	4.2	89.3	4.5
Delaware Central School	92	85.9	1.1	89.1	1.1
Eagle Heights P. S.	691	74.1	1.4	80.3	1.4

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
Ealing P. S.	136	86.0	0.0	95.6	0.0
East Carling P. S.	313	76.7	0.6	90.1	1.0
East Williams Memorial P. S.	132	90.2	3.8	91.7	3.8
École Élémentaire Catholique Frère André	260	86.5	5.0	91.2	5.0
École Élémentaire Catholique Monseigneur-Bruyère	243	76.1	2.1	88.9	2.9
École Élémentaire Catholique Saint-Jean-de-Brébeuf	228	82.0	3.9	90.4	3.9
École Élémentaire Catholique Ste-Jeanne-D'Arc	180	85.0	3.3	91.1	4.4
École Élémentaire Gabriel-Dumont	173	70.5	4.6	90.8	4.6
École Élémentaire La Pommeraie	163	88.3	2.5	93.9	2.5
École Élémentaire Marie-Curie	171	87.1	4.1	91.2	4.1
École Secondaire Catholique Monseigneur-Bruyère	205	72.7	2.4	92.7	2.4
École Secondaire Gabriel-Dumont	187	66.8	5.3	92.5	5.3
Ekcoe Central School	259	91.9	1.9	93.4	1.9
Emily Carr P. S.	540	82.2	4.3	87.4	4.3
Evelyn Harrison P. S.	214	86.4	0.5	93.5	0.5
Fairmont P. S.	179	82.7	3.4	91.6	3.9
Franklin D Roosevelt P. S.	276	85.1	4.0	89.5	4.0
Glen Cairn P. S.	410	81.5	0.5	88.5	0.7
Glencoe District High School	152	77.6	2.6	96.1	2.6
H B Beal S. S.	1,736	72.2	3.3	88.7	3.4
Hillcrest P. S.	215	87.9	4.2	91.6	4.2
Holy Cross Catholic S. S.	390	79.0	3.8	95.1	3.3
Holy Family Elementary School	154	87.0	3.2	92.2	3.2

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
Holy Rosary Separate School	125	86.4	1.6	92.0	1.6
J. S. Buchanan French Immersion P. S.	218	87.2	7.3	89.9	7.8
Jack Chambers P. S.	628	83.9	3.3	91.1	3.3
Jean Vanier Separate School	335	85.7	0.9	93.1	0.9
Jeanne-Sauvé P. S.	322	85.1	3.1	90.7	3.1
John Dearness P. S.	182	89.0	6.6	89.6	6.6
John P Robarts P. S.	377	83.0	2.1	93.4	2.1
John Paul II Catholic S. S.	706	77.1	1.6	92.5	1.6
Kensal Park P. S.	640	85.9	3.6	92.5	3.6
Knollwood Park P. S.	170	83.5	1.8	91.2	2.4
Lambeth P. S.	498	79.3	3.6	89.0	3.6
Lester B Pearson School for the Arts	280	88.6	5.4	90.7	6.4
London Central S. S.	948	82.4	1.7	95.6	1.7
London South C. I.	504	80.8	2.6	95.6	2.6
Lord Dorchester S. S.	424	83.7	2.6	96.0	2.8
Lord Elgin P. S.	227	77.1	2.6	86.8	2.2
Lord Nelson P. S.	381	81.9	2.9	91.1	3.1
Lord Roberts P. S.	278	83.5	5.8	88.8	5.8
Louise Arbour French Immersion P. S.	467	83.1	3.6	91.4	3.6
Mary Wright P. S.	346	83.8	3.5	92.2	3.2
Masonville P. S.	440	84.8	0.9	90.7	0.7
McGillivray Central School	80	92.5	5.0	93.8	5.0
Medway High School	1,196	85.1	2.4	95.8	2.7
Montcalm S. S.	676	69.7	1.5	86.7	1.5
Mosa Central P. S.	116	91.4	0.9	98.3	0.9
Mother Teresa Catholic S. S.	797	80.8	2.1	94.0	2.1
Mountsfield P. S.	346	83.8	3.5	92.8	3.5

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
Nicholas Wilson P. S.	179	86.6	1.1	91.6	1.1
North Meadows Elementary School	322	87.0	3.1	93.2	3.1
North Middlesex District High School	136	84.6	0.7	99.3	0.7
Northbrae P. S.	305	76.1	1.0	83.6	1.0
Northdale Central P. S.	382	80.6	3.4	92.7	3.7
Northridge P. S.	411	83.2	2.7	92.0	2.7
Notre Dame Separate School	208	86.1	4.3	88.9	4.3
Oakridge S. S.	977	79.5	2.4	93.9	2.5
Orchard Park P. S.	199	85.4	4.5	90.5	4.5
Our Lady Immaculate School	232	89.7	2.6	93.1	2.6
Our Lady of Lourdes Separate School	296	80.4	3.4	95.3	3.4
Oxbow P. S.	402	85.8	2.0	95.8	2.0
Parkhill-West Williams School	153	94.1	2.0	96.7	2.0
Parkview P. S.	458	86.9	4.6	93.2	4.8
Prince Charles P. S.	306	85.0	1.3	91.8	1.3
Princess Anne French Immersion P. S.	401	81.5	3.2	91.8	3.5
Princess Elizabeth P. S.	585	82.7	3.9	88.7	3.9
Regina Mundi College	628	79.5	1.1	95.7	1.4
Rick Hansen P. S.	270	82.6	0.0	86.7	0.4
River Heights School	148	93.2	4.7	92.6	4.7
Riverside P. S.	350	79.4	1.4	89.1	1.7
Ryerson P. S.	303	78.5	2.6	87.1	2.6
Sacred Heart Separate School	73	93.2	0.0	98.6	0.0
Saint Nicholas Catholic Elementary School	233	86.3	2.1	90.1	2.1
Saunders S. S.	1,587	81.2	2.6	93.8	2.8
Sir Arthur Carty Separate School	338	88.8	0.3	93.2	0.6
Sir Arthur Currie P. S.	378	86.5	0.0	90.7	0.0

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
Sir Frederick Banting S. S.	1,370	77.1	1.9	90.1	2.1
Sir George Etienne Cartier P. S.	255	78.0	2.7	85.1	2.7
Sir Isaac Brock P. S.	372	77.4	1.1	85.2	2.2
Sir John A Macdonald P. S.	255	86.3	0.8	94.5	1.2
Sir Wilfrid Laurier S. S.	988	78.7	3.0	94.8	3.0
St André Bessette S. S.	892	76.9	1.6	92.8	1.8
St Anne's Separate School	170	92.9	0.0	92.4	0.0
St Anthony Catholic French Immersion School	382	88.2	2.1	92.9	2.4
St Bernadette Separate School	216	81.5	4.6	90.7	4.6
St Catherine of Siena Elementary School	549	86.7	1.5	94.0	1.6
St Charles Separate School	80	90.0	2.5	97.5	2.5
St David Separate School	183	86.9	5.5	90.7	5.5
St Francis School	329	86.3	1.2	93.3	1.2
St George Separate School	179	92.2	1.1	96.6	1.1
St Georges P. S.	198	81.3	3.5	84.8	3.5
St Jude Separate School	170	84.1	1.8	90.6	1.8
St Kateri Separate School	289	93.1	1.0	93.8	1.0
St Marguerite d'Youville School	364	86.8	2.2	94.0	2.5
St Mark Separate School	299	85.6	1.3	91.6	1.3
St Martin Separate School	207	83.1	1.4	87.9	1.9
St Mary School	240	82.9	5.4	92.5	5.0
St Michael's School	209	79.4	1.0	84.7	1.0
St Patrick's School	136	92.6	2.9	92.6	2.9
St Paul Separate School	193	86.0	4.1	91.7	4.1

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
St Pius X Separate School	258	88.8	3.9	91.1	4.3
St Sebastian Separate School	171	86.5	2.3	95.3	2.3
St Theresa Separate School	210	91.0	2.4	96.7	2.4
St Thomas Aquinas S. S.	776	80.2	3.2	94.8	3.5
St Thomas More Separate School	174	76.4	2.9	82.8	2.9
St Vincent de Paul Separate School	151	91.4	0.7	95.4	1.3
St John French Immersion School	340	88.5	2.6	92.9	2.9
Stoney Creek P. S.	734	82.0	1.9	89.8	2.2
Stoneybrook P. S.	359	85.0	2.2	88.9	2.5
Strathroy District C. I.	1,001	81.3	2.1	97.0	1.9
Tecumseh P. S.	181	82.9	4.4	89.5	4.4
Trafalgar P. S.	107	79.4	4.7	84.1	4.7
Tweedsmuir P. S.	294	84.4	2.7	88.4	3.1
University Heights P. S.	232	83.6	0.0	87.9	0.0
Valleyview Central P. S.	134	85.8	3.7	93.3	4.5
Victoria P. S.	154	86.4	5.2	89.0	5.2
W Sherwood Fox P. S.	327	80.4	1.5	87.8	1.5
West Nissouri P. S.	309	90.9	3.6	93.9	3.9
West Oaks French Immersion P. S.	284	89.4	1.8	95.1	1.8
Westminster Central P. S.	113	86.7	1.8	93.8	1.8
Westminster S. S.	536	72.8	1.7	81.5	1.7
Westmount P. S.	481	80.7	2.9	86.7	2.9
White Oaks P. S.	603	78.3	0.2	86.7	0.5
Wilberforce P. S.	431	86.1	2.3	93.3	2.3
Wilfrid Jury P. S.	521	77.9	2.7	83.5	2.7
Wilton Grove P. S.	305	82.0	1.6	92.1	1.6
Woodland Heights P. S.	373	80.2	1.3	89.5	1.3

School Name	Enrolled Population (#)	DTP Vaccine Coverage Rate (%)	DTP Philosophical Exemption Rate (%)	MMR Vaccine Coverage Rate (%)	MMR Vaccine Philosophical Exemption Rate (%)
Wortley Road P. S.	169	83.4	4.7	92.3	4.7

Legend: DTP = Diphtheria, Tetanus, Polio; MMR = Measles, Mumps, Rubella; P. S. = Public School; S. S. = Secondary School; C. I. = Collegiate Institute

Source: Middlesex-London Health Unit Panorama Enhanced Analytics and Reporting (PEAR): Forecaster Compliance for Disease by Age or School – Aggregate – STD – PR2001. Toronto ON: Ontario Ministry of Health and Long-Term Care; 2019 August 26 [cited 2019 August 26].