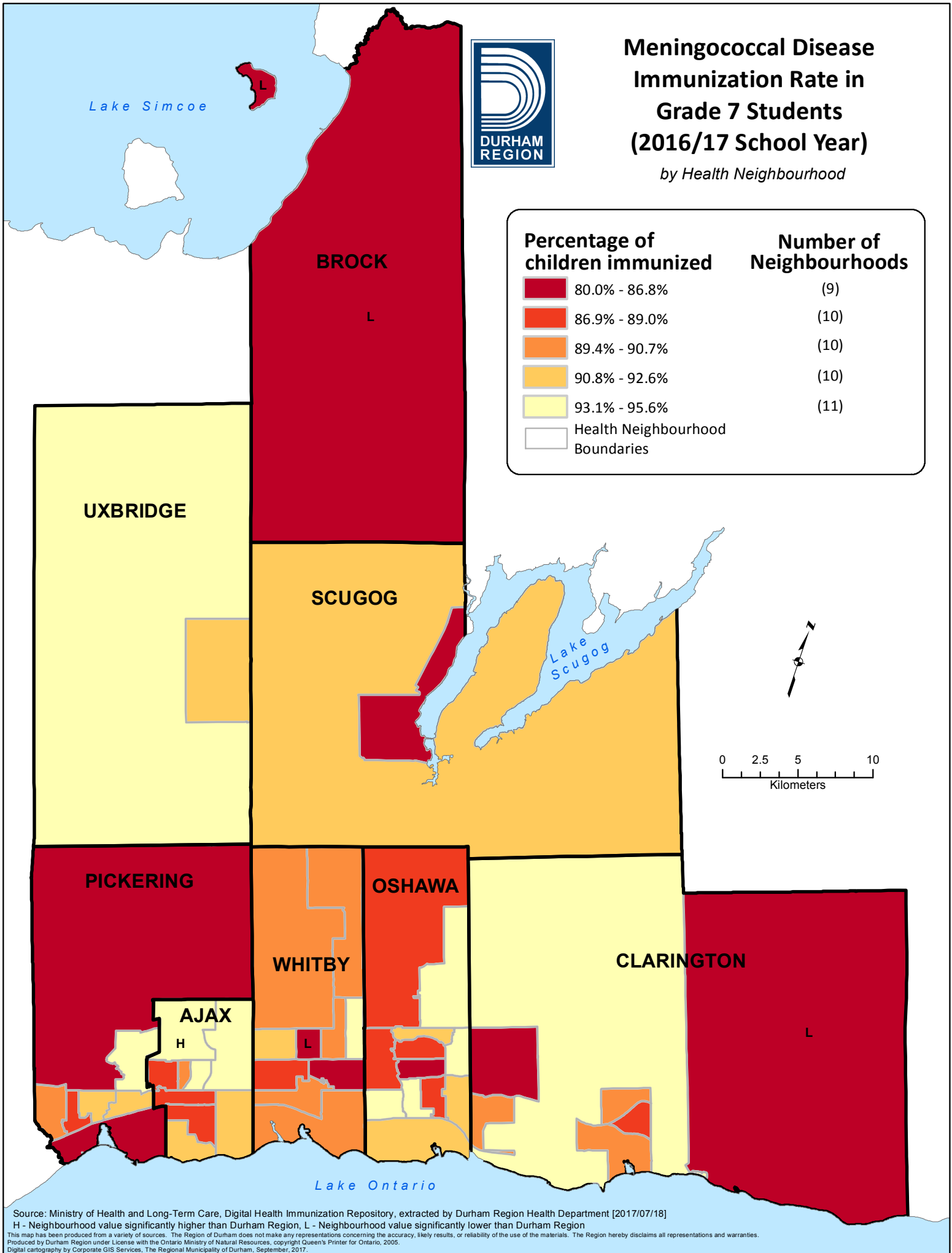
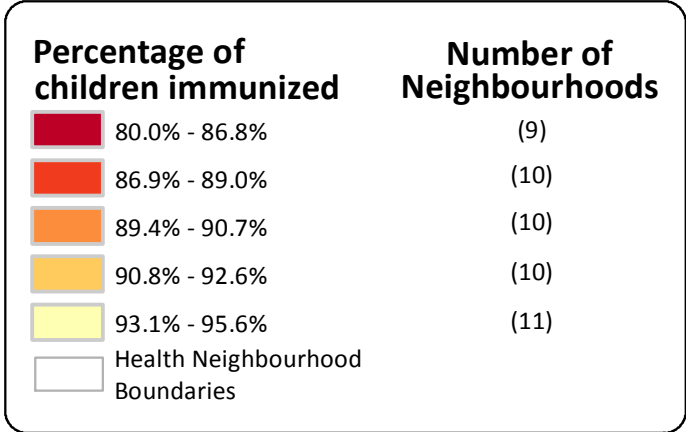




Meningococcal Disease Immunization Rate in Grade 7 Students (2016/17 School Year)

by Health Neighbourhood



Source: Ministry of Health and Long-Term Care, Digital Health Immunization Repository, extracted by Durham Region Health Department [2017/07/18]

H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region

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Meningococcal disease immunization rates in Grade 7 students (2016/17 school year)

Table 1: Indicator summary

Municipality or Neighbourhood	Immunization Rate	Number Immunized	Number of Grade 7 Children	Compared with Durham Region (Higher is Better)
Pickering	90.3%	931	1,031	similar
Frenchman's Bay (P1)	86.8%	138	159	similar
West Rouge (P2)	89.4%	202	226	similar
Amberlee (P3)	89.0%	97	109	similar
Dunbarton (P4)	92.3%	131	142	similar
Pickering City Centre (P5)	92.3%	132	143	similar
Brock Ridge Pickering (P6)	95.5%	148	155	similar
Pickering North (P7)	85.6%	83	97	similar
Ajax	92.1%	1,452	1,576	similar
Ajax Waterfront (A1)	91.9%	114	124	similar
Downtown Ajax (A2)	88.5%	92	104	similar
Carruthers (A3)	92.4%	171	185	similar
Central Ajax (A4)	88.5%	115	130	similar
Riverside-Hermitage (A5)	87.6%	120	137	similar
Westney Heights (A6)	89.4%	84	94	similar
Applecroft (A7)	94.5%	154	163	similar
Ajax Northwest (A8)	95.6%	263	275	HIGHER
Ajax Northeast (A9)	93.1%	339	364	similar
Whitby	89.3%	1,622	1,817	similar
Whitby South (W1)	90.7%	165	182	similar
Downtown Whitby (W2)	90.0%	135	150	similar
Cochrane South (W3)	89.0%	97	109	similar
Manning (W4)	84.8%	134	158	similar
Williamsburg (W5)	91.6%	163	178	similar
Whitby Brock North (W6)	80.9%	140	173	LOWER
Dryden-Anderson (W7)	90.3%	121	134	similar
Dryden East (W8)	94.8%	181	191	similar
Brooklin East (W9)	89.6%	232	259	similar
Brooklin West (W10)	89.8%	254	283	similar
Oshawa	91.0%	1,548	1,701	similar
Lakeview (O1)	90.8%	168	185	similar
Gibb West (O2)	93.8%	91	97	similar
Downtown Oshawa (O3)	93.1%	67	72	similar
Central Park (O4)	88.9%	80	90	similar
Grandview South (O5)	92.6%	75	81	similar
Stevenson North (O6)	88.8%	135	152	similar
Hillsdale (O7)	86.4%	89	103	similar
Beatrice South (O8)	87.4%	97	111	similar
Grandview North (O9)	93.4%	171	183	similar
Beatrice North (O10)	91.8%	101	110	similar
Oshawa Northwest (O11)	86.9%	146	168	similar
Oshawa Northeast (O12)	94.0%	328	349	similar
Clarington	88.8%	1,013	1,141	similar
Courtice South (C1)	89.8%	246	274	similar
Courtice North (C2)	84.0%	89	106	similar
Bowmanville South (C3)	90.5%	143	158	similar
Bowmanville Central (C4)	86.9%	106	122	similar
Bowmanville North (C5)	89.9%	170	189	similar
Darlington (C6)	95.4%	104	109	similar
Clarke (C7)	84.7%	155	183	LOWER
Scugog	89.1%	196	220	similar
Port Perry (S1)	86.5%	83	96	similar
Rural Scugog (S2)	91.1%	113	124	similar
Uxbridge	91.8%	190	207	similar
Urban Uxbridge (U1)	91.0%	132	145	similar
Rural Uxbridge (U2)	93.5%	58	62	similar
Brock - Brock (B1)	80.0%	108	135	LOWER
Durham Region	90.2%	7,060	7,828	--
Range	80.0% to 95.6%	58 - 339	62 - 364	--

Meningococcal disease immunization rates in Grade 7 students (2016/17 school year)

Table 2: List of Health Neighbourhoods ranked from lowest to highest

Order	Neighbourhood	Percentage	Number Immunized	Compared with Durham Region (Higher is Better)	Quintile
1	Brock (B1)	80.0%	108	LOWER	1
2	Whitby Brock North (W6)	80.9%	140	LOWER	1
3	Courtice North (C2)	84.0%	89	similar	1
4	Clarke (C7)	84.7%	155	LOWER	1
5	Manning (W4)	84.8%	134	similar	1
6	Pickering North (P7)	85.6%	83	similar	1
7	Hillsdale (O7)	86.4%	89	similar	1
8	Port Perry (S1)	86.5%	83	similar	1
9	Frenchman's Bay (P1)	86.8%	138	similar	1
10	Bowmanville Central (C4)	86.9%	106	similar	2
11	Oshawa Northwest (O11)	86.9%	146	similar	2
12	Beatrice South (O8)	87.4%	97	similar	2
13	Riverside-Hermitage (A5)	87.6%	120	similar	2
14	Downtown Ajax (A2)	88.5%	92	similar	2
15	Central Ajax (A4)	88.5%	115	similar	2
16	Stevenson North (O6)	88.8%	135	similar	2
17	Central Park (O4)	88.9%	80	similar	2
18	Amberlee (P3)	89.0%	97	similar	2
19	Cochrane South (W3)	89.0%	97	similar	2
20	Westney Heights (A6)	89.4%	84	similar	3
21	West Rouge (P2)	89.4%	202	similar	3
22	Brooklin East (W9)	89.6%	232	similar	3
23	Brooklin West (W10)	89.8%	254	similar	3
24	Courtice South (C1)	89.8%	246	similar	3
25	Bowmanville North (C5)	89.9%	170	similar	3
26	Downtown Whitby (W2)	90.0%	135	similar	3
27	Dryden-Anderson (W7)	90.3%	121	similar	3
28	Bowmanville South (C3)	90.5%	143	similar	3
29	Whitby South (W1)	90.7%	165	similar	3
30	Lakeview (O1)	90.8%	168	similar	4
31	Urban Uxbridge (U1)	91.0%	132	similar	4
32	Rural Scugog (S2)	91.1%	113	similar	4
33	Williamsburg (W5)	91.6%	163	similar	4
34	Beatrice North (O10)	91.8%	101	similar	4
35	Ajax Waterfront (A1)	91.9%	114	similar	4
36	Dunbarton (P4)	92.3%	131	similar	4
37	Pickering City Centre (P5)	92.3%	132	similar	4
38	Carruthers (A3)	92.4%	171	similar	4
39	Grandview South (O5)	92.6%	75	similar	4
40	Downtown Oshawa (O3)	93.1%	67	similar	5
41	Ajax Northeast (A9)	93.1%	339	similar	5
42	Grandview North (O9)	93.4%	171	similar	5
43	Rural Uxbridge (U2)	93.5%	58	similar	5
44	Gibb West (O2)	93.8%	91	similar	5
45	Oshawa Northeast (O12)	94.0%	328	similar	5
46	Applecroft (A7)	94.5%	154	similar	5
47	Dryden East (W8)	94.8%	181	similar	5
48	Darlington (C6)	95.4%	104	similar	5
49	Brock Ridge Pickering (P6)	95.5%	148	similar	5
50	Ajax Northwest (A8)	95.6%	263	HIGHER	5

Immunization rate for meningococcal disease in Grade 7 students (2016/17 school year)

What You Need to Know

- Higher immunization rates are better for health.
- Immunization rates ranged by Health Neighbourhood from 80.0 to 95.6 per cent.
- Rates were highest in north Ajax, specifically in Ajax Northwest, and lowest in Brock, Whitby Brock North, and Clarke (in Clarington).

Indicator Notes

- This indicator measures the percentage of Grade 7 boys and girls (aged 12 or 13) fully immunized against meningococcal disease.
- Source: Ministry of Health and Long-Term Care, Digital Health Immunization Repository, extracted by Durham Region Health Department [2017/07/18]
- We used the Panorama Forecaster tool to determine the percentage of children fully immunized against meningococcal disease. To be fully immunized, children required one dose of vaccine at the appropriate age specified by the Ontario Immunization Schedule. Children were not considered fully immunized if they were due, eligible or overdue for a dose of meningococcal vaccine, or if they had an exemption due to medical reasons, conscience or religious beliefs.
- Meningococcal disease is caused by the bacteria *Neisseria meningitidis* (meningococcus). Many people carry the bacteria at the back of their throat or nose without feeling sick. It can cause infection of the blood and infection of the lining of the brain and spinal cord. Meningococcal disease can be prevented with a vaccine against four serogroups that cause the disease (A, C, Y and W-135).
- We mapped immunization rates based on the neighbourhood where the child lived and excluded children with postal codes that could not be matched to a neighbourhood as well as children who attended school outside of Durham Region.
- We sorted Neighbourhoods by the immunization rate and divided them into quintiles (five equal groupings). Approximately 10 Neighbourhoods are in each quintile.
- We compared Neighbourhoods with Durham Region based on their confidence intervals. Those with rates that were lower or higher had 95% confidence intervals that did not overlap with those of Durham Region and were significantly different.
- For more information about immunization rates in Durham Region, see durham.ca/healthstats.

Release Date: December 2017.

For more information, refer to The Guide to Health Neighbourhoods.

If you require this information in an accessible format, contact 1-800-841-2729.