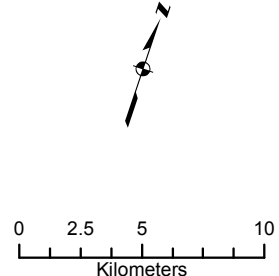
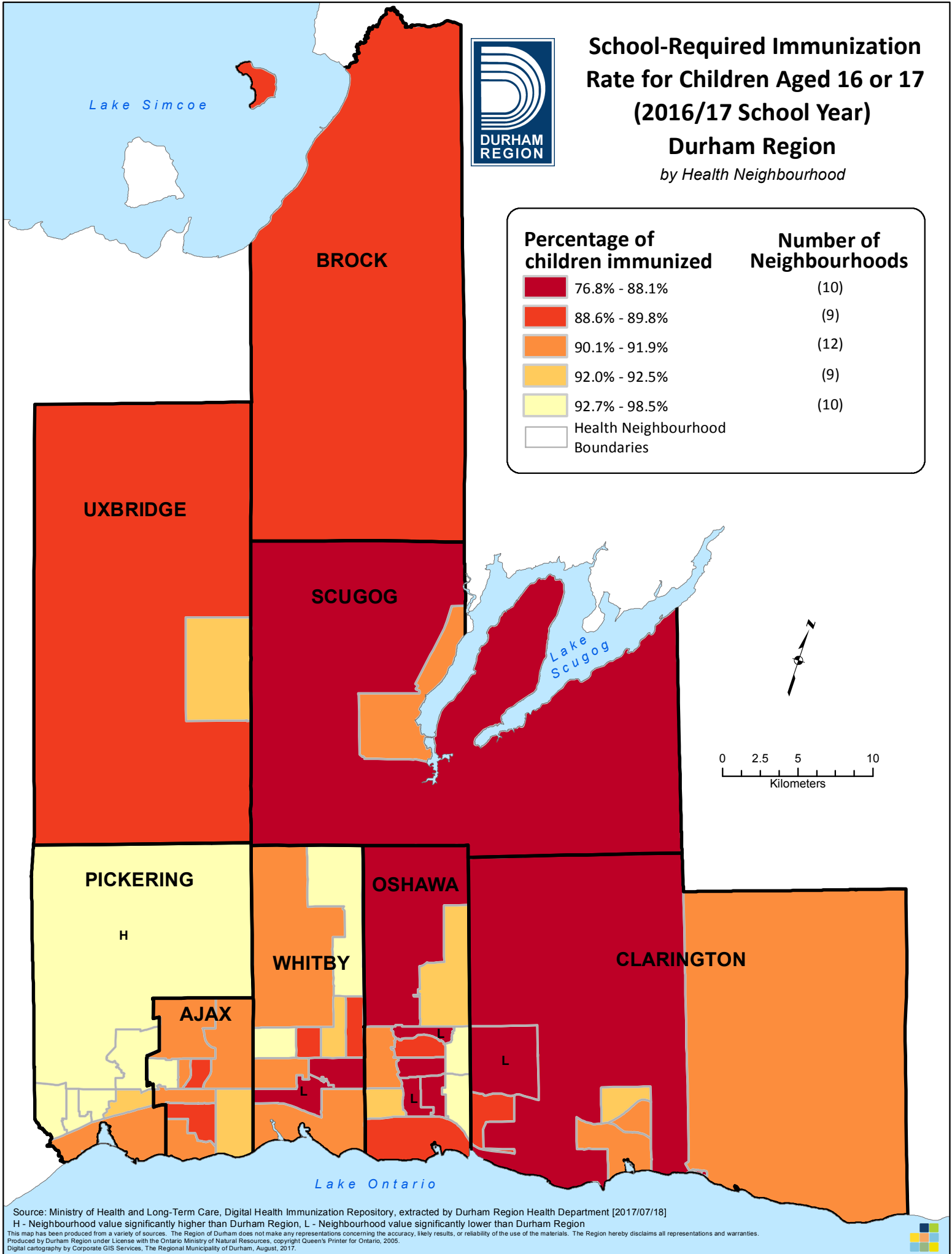
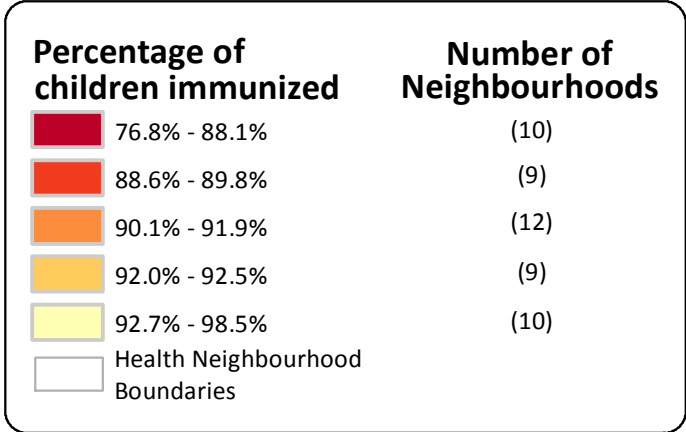




School-Required Immunization Rate for Children Aged 16 or 17 (2016/17 School Year)

Durham Region

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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School-required immunization rates for children aged 16 or 17 (2016/17 school year)

Table 1: Indicator summary

Municipality or Neighbourhood	Immunization Rate	Number Immunized	Number of Children aged 16 or 17	Compared with Durham Region (Higher is Better)
Pickering	93.7%	1,090	1,163	HIGHER
Frenchman's Bay (P1)	91.0%	161	177	similar
West Rouge (P2)	94.1%	238	253	similar
Amberlee (P3)	93.2%	123	132	similar
Dunbarton (P4)	92.7%	152	164	similar
Pickering City Centre (P5)	92.2%	141	153	similar
Brock Ridge Pickering (P6)	95.4%	146	153	similar
Pickering North (P7)	98.5%	129	131	HIGHER
Ajax	91.4%	1,432	1,567	similar
Ajax Waterfront (A1)	92.0%	103	112	similar
Downtown Ajax (A2)	89.7%	87	97	similar
Carruthers (A3)	92.0%	162	176	similar
Central Ajax (A4)	90.6%	125	138	similar
Riverside-Hermitage (A5)	94.6%	210	222	similar
Westney Heights (A6)	90.8%	89	98	similar
Applecroft (A7)	89.3%	158	177	similar
Ajax Northwest (A8)	91.9%	248	270	similar
Ajax Northeast (A9)	90.3%	250	277	similar
Whitby	90.2%	1,506	1,669	similar
Whitby South (W1)	90.1%	136	151	similar
Downtown Whitby (W2)	82.7%	139	168	LOWER
Cochrane South (W3)	90.7%	78	86	similar
Manning (W4)	87.0%	141	162	similar
Williamsburg (W5)	93.6%	160	171	similar
Whitby Brock North (W6)	89.1%	147	165	similar
Dryden-Anderson (W7)	92.5%	161	174	similar
Dryden East (W8)	89.8%	177	197	similar
Brooklin East (W9)	94.6%	176	186	similar
Brooklin West (W10)	91.4%	191	209	similar
Oshawa	89.2%	1,464	1,641	similar
Lakeview (O1)	88.7%	165	186	similar
Gibb West (O2)	92.2%	83	90	similar
Downtown Oshawa (O3)	82.2%	60	73	LOWER
Central Park (O4)	85.9%	79	92	similar
Grandview South (O5)	95.7%	88	92	similar
Stevenson North (O6)	91.9%	159	173	similar
Hillsdale (O7)	84.9%	101	119	similar
Beatrice South (O8)	89.3%	100	112	similar
Grandview North (O9)	94.8%	163	172	similar
Beatrice North (O10)	76.8%	76	99	LOWER
Oshawa Northwest (O11)	84.8%	117	138	similar
Oshawa Northeast (O12)	92.5%	273	295	similar
Clarington	89.5%	927	1,036	similar
Courtice South (C1)	89.0%	195	219	similar
Courtice North (C2)	83.7%	87	104	LOWER
Bowmanville South (C3)	90.1%	154	171	similar
Bowmanville Central (C4)	92.0%	138	150	similar
Bowmanville North (C5)	92.1%	129	140	similar
Darlington (C6)	87.4%	97	111	similar
Clarke (C7)	90.1%	127	141	similar
Scugog	89.4%	244	273	similar
Port Perry (S1)	91.4%	96	105	similar
Rural Scugog (S2)	88.1%	148	168	similar
Uxbridge	91.3%	240	263	similar
Urban Uxbridge (U1)	92.4%	170	184	similar
Rural Uxbridge (U2)	88.6%	70	79	similar
Brock - Brock (B1)	89.5%	102	114	similar
Durham Region	90.7%	7,005	7,726	--
Range	76.8% to 98.5%	60 - 273	73 - 295	--

School-required immunization rates for children aged 16 or 17 (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	Beatrice North (O10)	76.8%	76	LOWER	1
2	Downtown Oshawa (O3)	82.2%	60	LOWER	1
3	Downtown Whitby (W2)	82.7%	139	LOWER	1
4	Courtice North (C2)	83.7%	87	LOWER	1
5	Oshawa Northwest (O11)	84.8%	117	similar	1
6	Hillsdale (O7)	84.9%	101	similar	1
7	Central Park (O4)	85.9%	79	similar	1
8	Manning (W4)	87.0%	141	similar	1
9	Darlington (C6)	87.4%	97	similar	1
10	Rural Scugog (S2)	88.1%	148	similar	1
11	Rural Uxbridge (U2)	88.6%	70	similar	2
12	Lakeview (O1)	88.7%	165	similar	2
13	Courtice South (C1)	89.0%	195	similar	2
14	Whitby Brock North (W6)	89.1%	147	similar	2
15	Applecroft (A7)	89.3%	158	similar	2
16	Beatrice South (O8)	89.3%	100	similar	2
17	Brock (B1)	89.5%	102	similar	2
18	Downtown Ajax (A2)	89.7%	87	similar	2
19	Dryden East (W8)	89.8%	177	similar	2
20	Bowmanville South (C3)	90.1%	154	similar	3
21	Whitby South (W1)	90.1%	136	similar	3
22	Clarke (C7)	90.1%	127	similar	3
23	Ajax Northeast (A9)	90.3%	250	similar	3
24	Central Ajax (A4)	90.6%	125	similar	3
25	Cochrane South (W3)	90.7%	78	similar	3
26	Westney Heights (A6)	90.8%	89	similar	3
27	Frenchman's Bay (P1)	91.0%	161	similar	3
28	Brooklin West (W10)	91.4%	191	similar	3
29	Port Perry (S1)	91.4%	96	similar	3
30	Ajax Northwest (A8)	91.9%	248	similar	3
31	Stevenson North (O6)	91.9%	159	similar	3
32	Ajax Waterfront (A1)	92.0%	103	similar	4
33	Bowmanville Central (C4)	92.0%	138	similar	4
34	Carruthers (A3)	92.0%	162	similar	4
35	Bowmanville North (C5)	92.1%	129	similar	4
36	Pickering City Centre (P5)	92.2%	141	similar	4
37	Gibb West (O2)	92.2%	83	similar	4
38	Urban Uxbridge (U1)	92.4%	170	similar	4
39	Dryden-Anderson (W7)	92.5%	161	similar	4
40	Oshawa Northeast (O12)	92.5%	273	similar	4
41	Dunbarton (P4)	92.7%	152	similar	5
42	Amberlee (P3)	93.2%	123	similar	5
43	Williamsburg (W5)	93.6%	160	similar	5
44	West Rouge (P2)	94.1%	238	similar	5
45	Riverside-Hermitage (A5)	94.6%	210	similar	5
46	Brooklin East (W9)	94.6%	176	similar	5
47	Grandview North (O9)	94.8%	163	similar	5
48	Brock Ridge Pickering (P6)	95.4%	146	similar	5
49	Grandview South (O5)	95.7%	88	similar	5
50	Pickering North (P7)	98.5%	129	HIGHER	5

School-required immunization rate, ages 16 or 17 (2016/17 school year)

What You Need to Know

- Higher immunization rates are better for health.
- The percentage ranged by Health Neighbourhood from 76.8 to 98.5 per cent.
- Neighbourhoods with higher immunization rates were Pickering North, Grandview South and Brock Ridge Pickering. Rates were lower in Beatrice North, Downtown Oshawa, Downtown Whitby and Courtice North. Rates were significantly lower overall in the seven Priority Neighbourhoods as compared to Durham Region.

Indicator Notes

- This indicator measures the percentage of children aged 16 or 17 (born in 2000) fully immunized for the six infectious diseases identified in the Immunization of School Pupils Act (ISPA): diphtheria, tetanus, poliomyelitis, measles, mumps, and rubella.
- 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 the six diseases identified by ISPA. Fully immunized refers to receiving the recommended number of immunization doses at the appropriate age and sequence specified by the Ontario Immunization Schedule. Children were considered to be not fully immunized if they were overdue for their next dose for any of the ISPA-related immunizations or if they had an exemption due to medical reasons, conscience or religious beliefs.
- Ontario's ISPA requires that all primary and secondary students attending school in Ontario provide proof of immunization against the six ISPA-related diseases, unless they have an exemption. Exemptions may be granted for medical reasons or conscience or religious beliefs. Parents or guardians are required to report their child's immunizations to their local public health unit. Children may not be allowed to attend school if they are not immunized or have a valid exemption.
- 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.
- Priority Neighbourhoods are communities that require focus to build on health and well-being. The Priority Neighbourhoods are: 1) Downtown Ajax – Ajax, 2) Downtown Whitby – Whitby, 3) Lakeview – Oshawa, 4) Gibb West – Oshawa, 5) Downtown Oshawa – Oshawa, 6) Central Park – Oshawa, 7) Beatrice North – Oshawa.
- For 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.