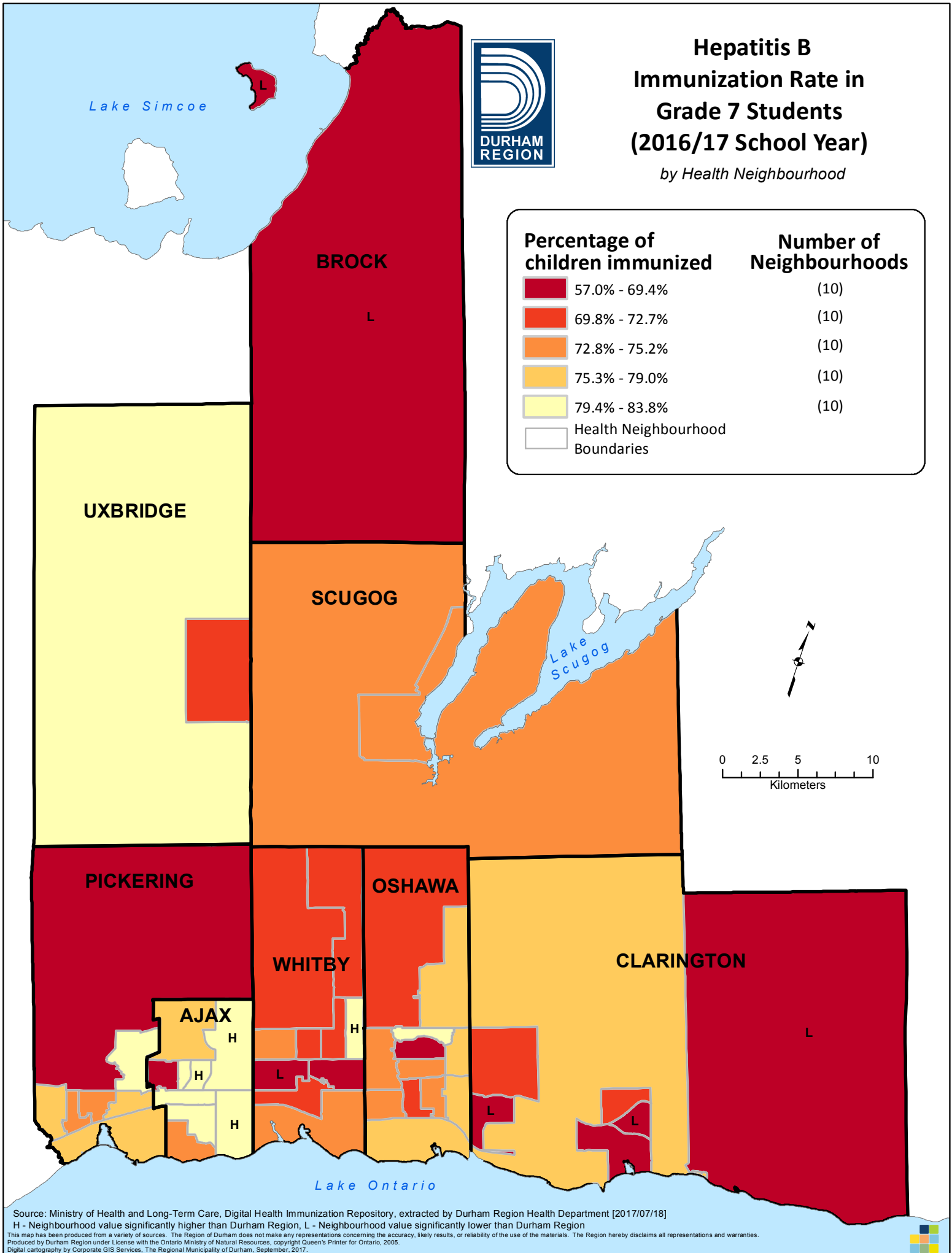
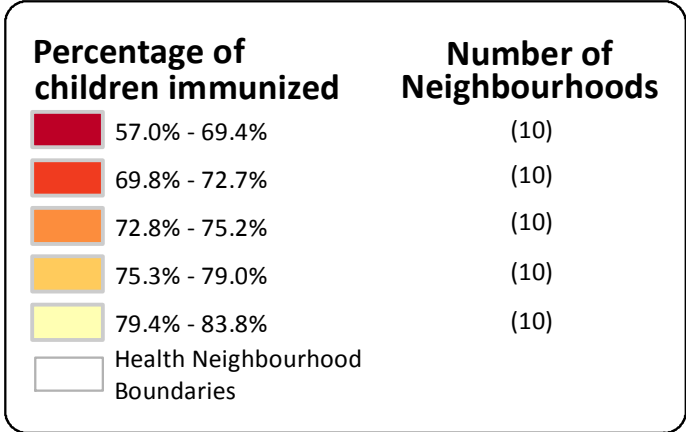




Hepatitis B Immunization Rate in Grade 7 Students (2016/17 School Year)

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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Hepatitis B 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	75.7%	780	1,031	similar
Frenchman's Bay (P1)	75.5%	120	159	similar
West Rouge (P2)	76.5%	173	226	similar
Amberlee (P3)	75.2%	82	109	similar
Dunbarton (P4)	74.6%	106	142	similar
Pickering City Centre (P5)	79.0%	113	143	similar
Brock Ridge Pickering (P6)	79.4%	123	155	similar
Pickering North (P7)	64.9%	63	97	similar
Ajax	80.2%	1,264	1,576	HIGHER
Ajax Waterfront (A1)	74.2%	92	124	similar
Downtown Ajax (A2)	80.8%	84	104	similar
Carruthers (A3)	82.2%	152	185	HIGHER
Central Ajax (A4)	81.5%	106	130	similar
Riverside-Hermitage (A5)	69.3%	95	137	similar
Westney Heights (A6)	83.0%	78	94	similar
Applecroft (A7)	83.4%	136	163	HIGHER
Ajax Northwest (A8)	78.9%	217	275	similar
Ajax Northeast (A9)	83.5%	304	364	HIGHER
Whitby	72.8%	1,322	1,817	similar
Whitby South (W1)	74.7%	136	182	similar
Downtown Whitby (W2)	72.7%	109	150	similar
Cochrane South (W3)	61.5%	67	109	LOWER
Manning (W4)	67.7%	107	158	similar
Williamsburg (W5)	73.0%	130	178	similar
Whitby Brock North (W6)	71.7%	124	173	similar
Dryden-Anderson (W7)	72.4%	97	134	similar
Dryden East (W8)	83.8%	160	191	HIGHER
Brooklin East (W9)	72.6%	188	259	similar
Brooklin West (W10)	72.1%	204	283	similar
Oshawa	75.3%	1,281	1,701	similar
Lakeview (O1)	75.7%	140	185	similar
Gibb West (O2)	75.3%	73	97	similar
Downtown Oshawa (O3)	70.8%	51	72	similar
Central Park (O4)	73.3%	66	90	similar
Grandview South (O5)	77.8%	63	81	similar
Stevenson North (O6)	73.0%	111	152	similar
Hillsdale (O7)	72.8%	75	103	similar
Beatrice South (O8)	69.4%	77	111	similar
Grandview North (O9)	78.1%	143	183	similar
Beatrice North (O10)	81.8%	90	110	similar
Oshawa Northwest (O11)	72.0%	121	168	similar
Oshawa Northeast (O12)	77.7%	271	349	similar
Clarington	68.5%	782	1,141	LOWER
Courtice South (C1)	67.9%	186	274	LOWER
Courtice North (C2)	69.8%	74	106	similar
Bowmanville South (C3)	67.7%	107	158	similar
Bowmanville Central (C4)	64.8%	79	122	LOWER
Bowmanville North (C5)	72.0%	136	189	similar
Darlington (C6)	76.1%	83	109	similar
Clarke (C7)	63.9%	117	183	LOWER
Scugog	74.1%	163	220	similar
Port Perry (S1)	74.0%	71	96	similar
Rural Scugog (S2)	74.2%	92	124	similar
Uxbridge	75.4%	156	207	similar
Urban Uxbridge (U1)	72.4%	105	145	similar
Rural Uxbridge (U2)	82.3%	51	62	similar
Brock - Brock (B1)	57.0%	77	135	LOWER
Durham Region	74.4%	5,825	7,828	--
Range	57.0% to 83.8%	51 - 304	62 - 364	--

Hepatitis B 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)	57.0%	77	LOWER	1
2	Cochrane South (W3)	61.5%	67	LOWER	1
3	Clarke (C7)	63.9%	117	LOWER	1
4	Bowmanville Central (C4)	64.8%	79	LOWER	1
5	Pickering North (P7)	64.9%	63	similar	1
6	Manning (W4)	67.7%	107	similar	1
7	Bowmanville South (C3)	67.7%	107	similar	1
8	Courtice South (C1)	67.9%	186	LOWER	1
9	Riverside-Hermitage (A5)	69.3%	95	similar	1
10	Beatrice South (O8)	69.4%	77	similar	1
11	Courtice North (C2)	69.8%	74	similar	2
12	Downtown Oshawa (O3)	70.8%	51	similar	2
13	Whitby Brock North (W6)	71.7%	124	similar	2
14	Bowmanville North (C5)	72.0%	136	similar	2
15	Oshawa Northwest (O11)	72.0%	121	similar	2
16	Brooklin West (W10)	72.1%	204	similar	2
17	Dryden-Anderson (W7)	72.4%	97	similar	2
18	Urban Uxbridge (U1)	72.4%	105	similar	2
19	Brooklin East (W9)	72.6%	188	similar	2
20	Downtown Whitby (W2)	72.7%	109	similar	2
21	Hillsdale (O7)	72.8%	75	similar	3
22	Stevenson North (O6)	73.0%	111	similar	3
23	Williamsburg (W5)	73.0%	130	similar	3
24	Central Park (O4)	73.3%	66	similar	3
25	Port Perry (S1)	74.0%	71	similar	3
26	Ajax Waterfront (A1)	74.2%	92	similar	3
27	Rural Scugog (S2)	74.2%	92	similar	3
28	Dunbarton (P4)	74.6%	106	similar	3
29	Whitby South (W1)	74.7%	136	similar	3
30	Amberlee (P3)	75.2%	82	similar	3
31	Gibb West (O2)	75.3%	73	similar	4
32	Frenchman's Bay (P1)	75.5%	120	similar	4
33	Lakeview (O1)	75.7%	140	similar	4
34	Darlington (C6)	76.1%	83	similar	4
35	West Rouge (P2)	76.5%	173	similar	4
36	Oshawa Northeast (O12)	77.7%	271	similar	4
37	Grandview South (O5)	77.8%	63	similar	4
38	Grandview North (O9)	78.1%	143	similar	4
39	Ajax Northwest (A8)	78.9%	217	similar	4
40	Pickering City Centre (P5)	79.0%	113	similar	4
41	Brock Ridge Pickering (P6)	79.4%	123	similar	5
42	Downtown Ajax (A2)	80.8%	84	similar	5
43	Central Ajax (A4)	81.5%	106	similar	5
44	Beatrice North (O10)	81.8%	90	similar	5
45	Carruthers (A3)	82.2%	152	HIGHER	5
46	Rural Uxbridge (U2)	82.3%	51	similar	5
47	Westney Heights (A6)	83.0%	78	similar	5
48	Applecroft (A7)	83.4%	136	HIGHER	5
49	Ajax Northeast (A9)	83.5%	304	HIGHER	5
50	Dryden East (W8)	83.8%	160	HIGHER	5

Immunization rate for Hepatitis B in Grade 7 students (2016/17)

What You Need to Know

- Higher immunization rates are better for health.
- Immunization rates ranged by Health Neighbourhood from 57.0 to 83.8 per cent.
- Rates were highest in Ajax, specifically in Ajax Northeast, Applecroft and Carruthers, and in Dryden East in Whitby. Rates were lowest in Brock, Cochrane South in Whitby and the Clarington Neighbourhoods of Clarke and Bowmanville Central.

Indicator Notes

- This indicator measures the percentage of Grade 7 boys and girls (aged 12 or 13) fully immunized against hepatitis B.
- 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 hepatitis B. To be fully immunized, children required two or three doses of vaccine at the appropriate age and sequence specified by the Ontario Immunization Schedule. Children were considered to be not fully immunized if they were due, eligible, overdue, or up-to-date but not yet due for their next dose, or if they had an exemption due to medical reasons, conscience or religious beliefs.
- Hepatitis B is caused by a virus that affects the liver. It can cause permanent liver damage, and is one of the most common causes of liver cancer. Hepatitis B can be prevented by receiving a series of hepatitis B vaccines.
- 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.