

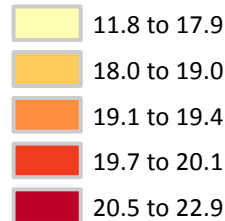


ASTHMA PREVALENCE RATE AGES 0-14 YEARS (2013)

DURHAM REGION

by Health Neighbourhood

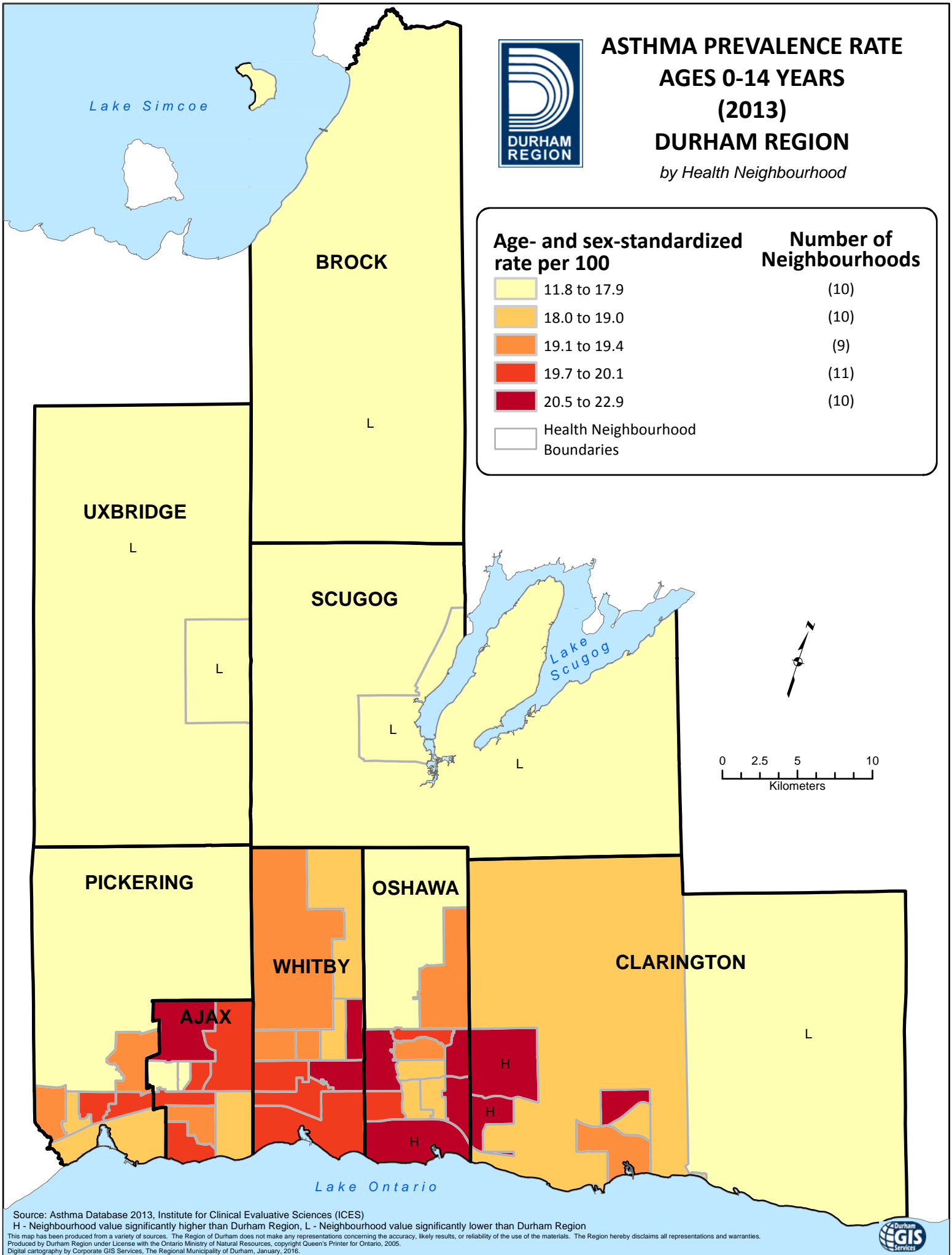
Age- and sex-standardized rate per 100



Number of Neighbourhoods

(10)
(10)
(9)
(11)
(10)

Health Neighbourhood Boundaries



Source: Asthma Database 2013, Institute for Clinical Evaluative Sciences (ICES)

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

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Asthma Prevalence Rate, Ages 0-14 Years (2013)
Table 1: Health Neighbourhoods Indicator Summary

↻ Lower is Better



	Age- and sex-standardized rate per 100	95% Confidence Interval	Number of Children with Asthma	Compared to Durham Rate		
				Lower	Similar	Higher
Pickering	19.0	18.3 - 19.7	2,964			
Frenchman's Bay (P1)	18.3	16.6 - 20.0	457			
West Rouge (P2)	19.4	17.9 - 21.0	610			
Amberlee (P3)	18.0	16.1 - 20.1	327			
Dunbarton (P4)	19.7	17.9 - 21.6	438			
Pickering City Centre (P5)	20.0	18.3 - 21.9	471			
Brock Ridge Pickering (P6)	19.3	17.4 - 21.4	376			
Pickering North (P7)	17.9	15.9 - 20.2	285			
Ajax	19.5	18.9 - 20.1	4,584			
Ajax Waterfront (A1)	19.9	17.7 - 22.3	301			
Downtown Ajax (A2)	19.3	17.3 - 21.4	351			
Carruthers (A3)	19.0	17.5 - 20.6	589			
Central Ajax (A4)	20.1	18.1 - 22.2	373			
Riverside-Hermitage (A5)	17.7	16.0 - 19.6	422			
Westney Heights (A6)	17.2	15.3 - 19.4	277			
Applecroft (A7)	20.0	18.3 - 21.9	502			
Ajax Northwest (A8)	20.5	19.1 - 21.9	858			
Ajax Northeast (A9)	20.0	18.7 - 21.4	911			
Whitby	19.5	19.0 - 20.1	5,053			
Whitby South (W1)	19.7	18.1 - 21.5	525			
Downtown Whitby (W2)	19.7	18.0 - 21.5	484			
Cochrane South (W3)	20.0	17.8 - 22.4	299			
Manning (W4)	20.7	18.9 - 22.7	466			
Williamsburg (W5)	19.2	17.5 - 21.0	495			
Whitby Brock North (W6)	19.2	17.4 - 21.0	464			
Dryden-Anderson (W7)	19.0	17.2 - 20.9	411			
Dryden East (W8)	20.5	18.8 - 22.2	578			
Brooklin East (W9)	18.7	17.3 - 20.1	680			
Brooklin West (W10)	19.4	17.9 - 21.0	651			
Oshawa	19.8	19.2 - 20.3	5,010			
Lakeview (O1)	21.0	19.5 - 22.6	696			↻
Gibb West (O2)	19.7	17.7 - 22.0	328			
Downtown Oshawa (O3)	18.5	16.4 - 20.8	291			
Central Park (O4)	18.6	16.5 - 21.0	285			
Grandview South (O5)	20.9	18.6 - 23.3	303			
Stevenson North (O6)	20.8	18.9 - 22.7	480			
Hillsdale (O7)	19.0	16.9 - 21.3	295			
Beatrice South (O8)	19.4	17.4 - 21.6	330			
Grandview North (O9)	21.0	19.3 - 22.9	521			
Beatrice North (O10)	19.7	17.7 - 21.8	367			
Oshawa Northwest (O11)	17.8	16.1 - 19.7	390			
Oshawa Northeast (O12)	19.4	18.0 - 20.8	724			
Clarington	20.1	19.4 - 20.8	3,236			
Courtice South (C1)	22.9	21.3 - 24.6	760			↻
Courtice North (C2)	22.9	20.5 - 25.4	360			↻
Bowmanville South (C3)	19.1	17.5 - 20.9	521			
Bowmanville Central (C4)	18.2	16.3 - 20.2	346			
Bowmanville North (C5)	20.9	19.3 - 22.7	601			
Darlington (C6)	18.5	16.1 - 21.1	226			
Clarke (C7)	16.9	15.3 - 18.6	422	↻		
Scugog	14.9	13.7 - 16.3	523	↻		
Port Perry (S1)	16.1	14.1 - 18.3	244	↻		
Rural Scugog (S2)	14.1	12.5 - 15.9	279	↻		
Uxbridge	13.7	12.5 - 15.0	497	↻		
Urban Uxbridge (U1)	14.5	13.0 - 16.1	368	↻		
Rural Uxbridge (U2)	11.8	9.9 - 14.1	129	↻		
Brock						
Brock (B1)	12.4	10.9 - 14.0	257	↻		
Durham Region	19.2	18.9 - 19.4	22,124	Higher than Ontario		
Range	11.8 - 22.9		129 - 911			
Ontario	15.5	15.4 - 15.5	352,831			

Date of last revision: January 4, 2016

Source: Asthma Database 2013, Institute for Clinical Evaluative Sciences (ICES)

Note: Lower (down arrow) or Higher (up arrow) means that the 95% confidence intervals do not overlap and that the rates are different from Durham Region.

Asthma Prevalence Rate, Ages 0-14 Years (2013)

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

Order	Health Neighbourhood	Age- and sex-standardized rate per 100	Number of Children with Asthma	Compared with Durham Region (Lower is better)	Quintile
1	Rural Uxbridge (U2)	11.8	129	LOWER	1
2	Brock (B1)	12.4	257	LOWER	1
3	Rural Scugog (S2)	14.1	279	LOWER	1
4	Urban Uxbridge (U1)	14.5	368	LOWER	1
5	Port Perry (S1)	16.1	244	LOWER	1
6	Clarke (C7)	16.9	422	LOWER	1
7	Westney Heights (A6)	17.2	277	similar	1
8	Riverside-Hermitage (A5)	17.7	422	similar	1
9	Oshawa Northwest (O11)	17.8	390	similar	1
10	Pickering North (P7)	17.9	285	similar	1
11	Amberlee (P3)	18.0	327	similar	2
12	Bowmanville Central (C4)	18.2	346	similar	2
13	Frenchman's Bay (P1)	18.3	457	similar	2
14	Darlington (C6)	18.5	226	similar	2
15	Downtown Oshawa (O3)	18.5	291	similar	2
16	Central Park (O4)	18.6	285	similar	2
17	Brooklin East (W9)	18.7	680	similar	2
18	Hillsdale (O7)	19.0	295	similar	2
19	Dryden-Anderson (W7)	19.0	411	similar	2
20	Carruthers (A3)	19.0	589	similar	2
21	Bowmanville South (C3)	19.1	521	similar	3
22	Whitby Brock North (W6)	19.2	464	similar	3
23	Williamsburg (W5)	19.2	495	similar	3
24	Downtown Ajax (A2)	19.3	351	similar	3
25	Brock Ridge Pickering (P6)	19.3	376	similar	3
26	Brooklin West (W10)	19.4	651	similar	3
27	West Rouge (P2)	19.4	610	similar	3
28	Oshawa Northeast (O12)	19.4	724	similar	3
29	Beatrice South (O8)	19.4	330	similar	3
30	Downtown Whitby (W2)	19.7	484	similar	4
31	Beatrice North (O10)	19.7	367	similar	4
32	Gibb West (O2)	19.7	328	similar	4
33	Dunbarton (P4)	19.7	438	similar	4
34	Whitby South (W1)	19.7	525	similar	4
35	Ajax Waterfront (A1)	19.9	301	similar	4
36	Ajax Northeast (A9)	20.0	911	similar	4
37	Cochrane South (W3)	20.0	299	similar	4
38	Applecroft (A7)	20.0	502	similar	4
39	Pickering City Centre (P5)	20.0	471	similar	4
40	Central Ajax (A4)	20.1	373	similar	4
41	Ajax Northwest (A8)	20.5	858	similar	5
42	Dryden East (W8)	20.5	578	similar	5
43	Manning (W4)	20.7	466	similar	5
44	Stevenson North (O6)	20.8	480	similar	5
45	Grandview South (O5)	20.9	303	similar	5
46	Bowmanville North (C5)	20.9	601	similar	5
47	Grandview North (O9)	21.0	521	similar	5
48	Lakeview (O1)	21.0	696	HIGHER	5
49	Courtice North (C2)	22.9	360	HIGHER	5
50	Courtice South (C1)	22.9	760	HIGHER	5

Asthma Prevalence Rate, ages 0-14 years (2013)

Table 3: Asthma prevalence rate for ages 0-14 years by Durham Regional Municipality

Municipality	Standardized Rate per 100	Number of Children with Asthma	Compared to Durham Region (Lower is Better)
Pickering	19.0	2,964	similar
Ajax	19.5	4,584	similar
Whitby	19.5	5,053	similar
Oshawa	19.8	5,010	similar
Clarington	20.1	3,236	similar
Scugog	14.9	523	LOWER
Uxbridge	13.7	497	LOWER
Brock	12.4	257	LOWER
Durham Region	19.2	22,124	Higher than Ontario
Ontario	15.5	352,831	

What You Need to Know

- A lower rate of asthma prevalence is better for health.
- The rate ranges by Health Neighbourhood from 11.8 to 22.9 per 100.
- Asthma prevalence in children is highest in Courtice South, Courtice North, and Lakeview. Rates are lower in rural areas, particularly in north Durham Region.

Indicator Notes

- This indicator measures the number of children aged 0-14 years diagnosed with asthma, per 100 children. The rate was age- and sex-standardized using the 1991 Canadian census population. Age standardization controls for different age structures of populations, allowing for better comparisons.
- Source: Asthma Database 2013, Institute for Clinical Evaluative Sciences (ICES). ICES AHRQ Project 2016 0900 784 000.
- A patient is said to have asthma if, within a two year period, they had at least two Ontario Health Insurance Plan (OHIP) claims with an asthma diagnostic code or a hospital admission for asthma. The Asthma Database identifies patients since 1991. For 2013 data, patients with a diagnosis on or before December 31, 2013 and who are alive as of this date are included. Prevalence counts those living with the disease at a point in time.
- Neighbourhoods were sorted by asthma prevalence rate and divided into quintiles (five equal groupings). Approximately 10 Neighbourhoods are in each quintile.
- Neighbourhoods were compared 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 asthma rates in Durham Region, see Chronic Disease Prevention at durham.ca/healthstats.

Release Date: February 2016.

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

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