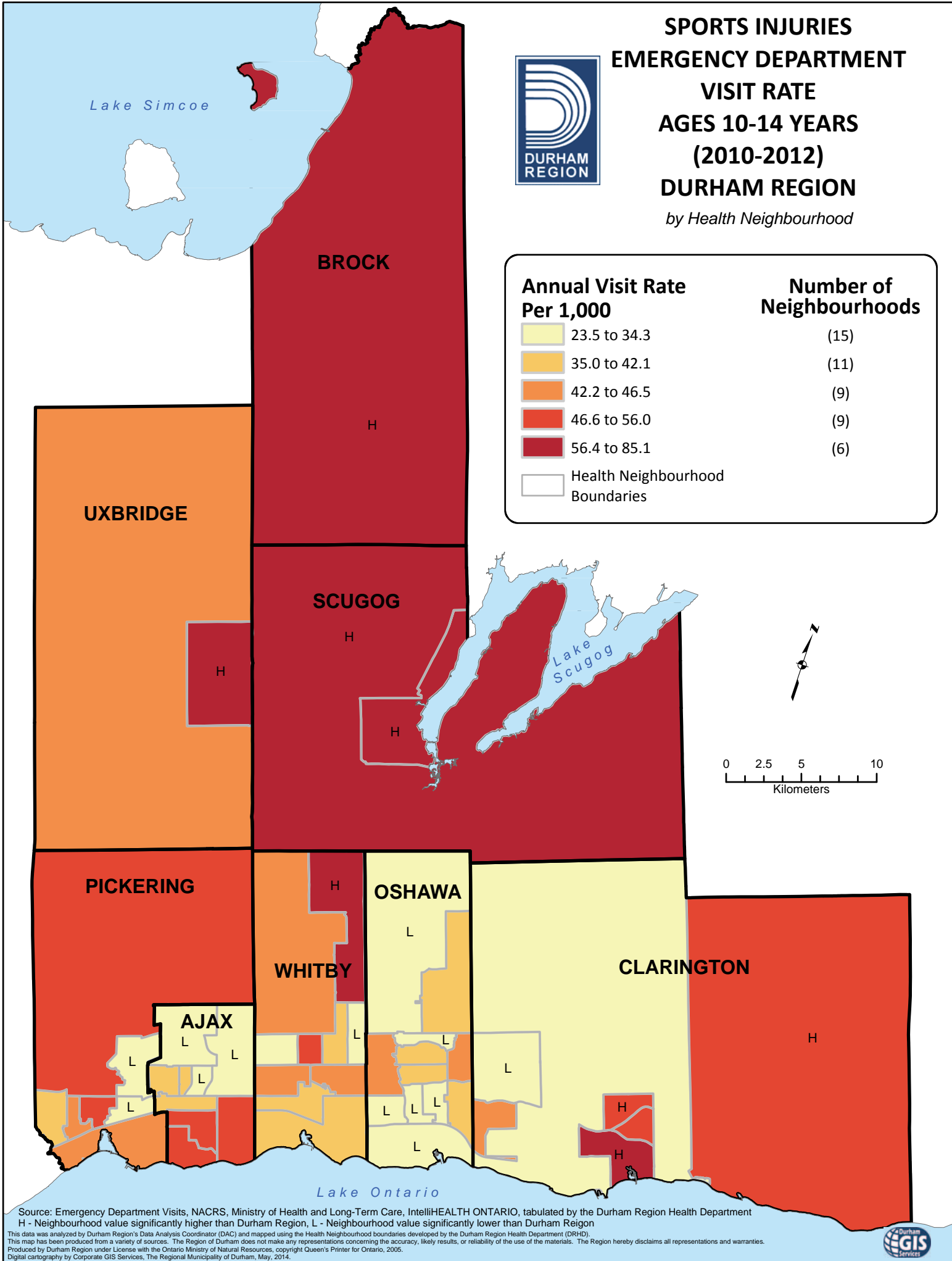
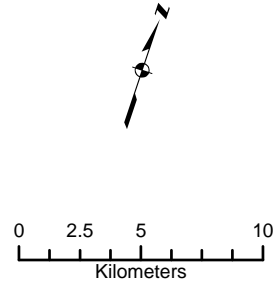


**SPORTS INJURIES
EMERGENCY DEPARTMENT
VISIT RATE
AGES 10-14 YEARS
(2010-2012)
DURHAM REGION**
by Health Neighbourhood



Annual Visit Rate Per 1,000	Number of Neighbourhoods
23.5 to 34.3	(15)
35.0 to 42.1	(11)
42.2 to 46.5	(9)
46.6 to 56.0	(9)
56.4 to 85.1	(6)
Health Neighbourhood Boundaries	



Source: Emergency Department Visits, NACRS, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO, tabulated by the Durham Region Health Department
 H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region
 This data was analyzed by Durham Region's Data Analysis Coordinator (DAC) and mapped using the Health Neighbourhood boundaries developed by the Durham Region Health Department (DRHD).
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Sports Injuries, ED Visit Rate, Ages 10-14 Years (2010-2012)

Table 1: Health Neighbourhoods Indicator Summary

↻ Lower is Better



	Annual Rate per 1,000	95% Confidence Interval	Number of Emergency Department Visits	Compared to Durham Rate		
				Lower	Similar	Higher
Pickering	40.1	37.3 - 43.1	740			
Frenchman's Bay (P1)	44.9	37.9 - 53.0	136			
West Rouge (P2)	39.4	33.6 - 46.2	152			
Amberlee (P3)	43.0	34.9 - 52.9	89			
Dunbarton (P4)	49.8	42.1 - 58.8	136			
Pickering City Centre (P5)	27.2	21.5 - 34.4	71	↻		
Brock Ridge Pickering (P6)	27.2	20.9 - 35.3	58	↻		
Pickering North (P7)	48.4	39.6 - 58.9	98			
Ajax	37.6	35.3 - 40.1	909	↻		
Ajax Waterfront (A1)	51.3	42.4 - 61.9	107			
Downtown Ajax (A2)	48.6	39.4 - 59.8	89			
Carruthers (A3)	49.6	42.1 - 58.5	140			
Central Ajax (A4)	41.4	33.8 - 50.6	95			
Riverside-Hermitage (A5)	37.5	31.4 - 44.6	127			
Westney Heights (A6)	35.0	27.2 - 44.7	64			
Applecroft (A7)	33.0	27.0 - 40.3	97	↻		
Ajax Northwest (A8)	23.5	19.0 - 29.0	88	↻		
Ajax Northeast (A9)	31.8	26.1 - 38.6	102	↻		
Whitby	41.9	39.5 - 44.4	1,129			
Whitby South (W1)	37.1	29.7 - 46.4	78			
Downtown Whitby (W2)	36.2	29.5 - 44.2	95			
Cochrane South (W3)	45.5	36.9 - 55.8	90			
Manning (W4)	42.3	35.4 - 50.4	123			
Williamsburg (W5)	34.3	27.8 - 42.1	91			
Whitby Brock North (W6)	46.6	39.2 - 55.1	132			
Dryden-Anderson (W7)	39.1	32.0 - 47.7	98			
Dryden East (W8)	33.9	28.3 - 40.5	120	↻		
Brooklin East (W9)	56.4	48.8 - 65.1	182			↻
Brooklin West (W10)	46.5	38.9 - 55.5	120			
Oshawa	34.3	32.1 - 36.6	883	↻		
Lakeview (O1)	25.2	20.4 - 31.1	88	↻		
Gibb West (O2)	29.6	22.3 - 39.0	51	↻		
Downtown Oshawa (O3)	25.4	18.0 - 35.5	35	↻		
Central Park (O4)	27.8	20.6 - 37.3	45	↻		
Grandview South (O5)	42.1	33.3 - 53.0	72			
Stevenson North (O6)	42.2	35.1 - 50.7	114			
Hillsdale (O7)	40.5	31.9 - 51.0	71			
Beatrice South (O8)	39.1	31.0 - 49.0	75			
Grandview North (O9)	42.4	35.0 - 51.3	105			
Beatrice North (O10)	31.2	24.0 - 40.4	58	↻		
Oshawa Northwest (O11)	30.2	23.4 - 38.8	62	↻		
Oshawa Northeast (O12)	35.0	28.9 - 42.3	107			
Clarington	47.3	44.3 - 50.5	867			↻
Courtice South (C1)	43.9	37.8 - 50.9	172			
Courtice North (C2)	28.9	22.3 - 37.4	59	↻		
Bowmanville South (C3)	57.1	49.4 - 65.9	179			↻
Bowmanville Central (C4)	47.3	39.0 - 57.2	105			
Bowmanville North (C5)	56.0	47.4 - 66.1	137			↻
Darlington (C6)	33.9	26.0 - 44.2	56			
Clarke (C7)	54.6	46.8 - 63.7	159			↻
Scugog	67.2	59.8 - 75.3	276			↻
Port Perry (S1)	64.5	53.8 - 77.0	117			↻
Rural Scugog (S2)	69.3	59.4 - 80.6	159			↻
Uxbridge	69.9	62.6 - 77.9	306			↻
Urban Uxbridge (U1)	85.1	75.0 - 96.4	231			↻
Rural Uxbridge (U2)	45.0	35.8 - 56.4	75			
Brock						
Brock (B1)	63.8	54.0 - 75.3	135			↻
Durham Region	42.2	41.1 - 43.4	5,245	Higher than Ontario		
Range	23.5 - 85.1		35 - 231			
Ontario	37.4	37.1 - 37.6	85,590			

Source: Emergency Department (ED) Visits, 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH & 2011 Census, Statistics Canada.
 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.

Sports Injuries, ED Visit Rate among Ages 10-14 (2010-2012)

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

Order	Health Neighbourhoods	Rate per 1,000	Number of ED Visits	Compared to Durham Region (Lower is Better)	Quintile
1	Ajax Northwest (A8)	23.5	88	LOWER	1
2	Lakeview (O1)	25.2	88	LOWER	1
3	Downtown Oshawa (O3)	25.4	35	LOWER	1
4	Pickering City Centre (P5)	27.2	71	LOWER	1
5	Brock Ridge Pickering (P6)	27.2	58	LOWER	1
6	Central Park (O4)	27.8	45	LOWER	1
7	Courtice North (C2)	28.9	59	LOWER	1
8	Gibb West (O2)	29.6	51	LOWER	1
9	Oshawa Northwest (O11)	30.2	62	LOWER	1
10	Beatrice North (O10)	31.2	58	LOWER	1
11	Ajax Northeast (A9)	31.8	102	LOWER	1
12	Applecroft (A7)	33.0	97	LOWER	1
13	Dryden East (W8)	33.9	120	LOWER	1
14	Darlington (C6)	33.9	56	similar	1
15	Williamsburg (W5)	34.3	91	similar	1
16	Oshawa Northeast (O12)	35.0	107	similar	2
17	Westney Heights (A6)	35.0	64	similar	2
18	Downtown Whitby (W2)	36.2	95	similar	2
19	Whitby South (W1)	37.1	78	similar	2
20	Riverside-Hermitage (A5)	37.5	127	similar	2
21	Beatrice South (O8)	39.1	75	similar	2
22	Dryden-Anderson (W7)	39.1	98	similar	2
23	West Rouge (P2)	39.4	152	similar	2
24	Hillsdale (O7)	40.5	71	similar	2
25	Central Ajax (A4)	41.4	95	similar	2
26	Grandview South (O5)	42.1	72	similar	2
27	Stevenson North (O6)	42.2	114	similar	3
28	Manning (W4)	42.3	123	similar	3
29	Grandview North (O9)	42.4	105	similar	3
30	Amberlee (P3)	43.0	89	similar	3
31	Courtice South (C1)	43.9	172	similar	3
32	Frenchman's Bay (P1)	44.9	136	similar	3
33	Rural Uxbridge (U2)	45.0	75	similar	3
34	Cochrane South (W3)	45.5	90	similar	3
35	Brooklin West (W10)	46.5	120	similar	3
36	Whitby Brock North (W6)	46.6	132	similar	4
37	Bowmanville Central (C4)	47.3	105	similar	4
38	Pickering North (P7)	48.4	98	similar	4
39	Downtown Ajax (A2)	48.6	89	similar	4
40	Carruthers (A3)	49.6	140	similar	4
41	Dunbarton (P4)	49.8	136	similar	4
42	Ajax Waterfront (A1)	51.3	107	similar	4
43	Clarke (C7)	54.6	159	HIGHER	4
44	Bowmanville North (C5)	56.0	137	HIGHER	4
45	Brooklin East (W9)	56.4	182	HIGHER	5
46	Bowmanville South (C3)	57.1	179	HIGHER	5
47	Brock (B1)	63.8	135	HIGHER	5
48	Port Perry (S1)	64.5	117	HIGHER	5
49	Rural Scugog (S2)	69.3	159	HIGHER	5
50	Urban Uxbridge (U1)	85.1	231	HIGHER	5

Sports Injuries, Emergency Department (ED) Visit Rate, Ages 10-14 Years (2010-2012)

Table 3: Sports injury ED visit rate for ages 10-14 years by Durham Region Municipality

Municipality	Rate per 1,000	Number of ED Visits	Compared to Durham Region (Lower is Better)
Pickering	40.1	740	similar
Ajax	37.6	909	LOWER
Whitby	41.9	1,129	similar
Oshawa	34.3	883	LOWER
Clarington	47.3	867	HIGHER
Scugog	67.2	276	HIGHER
Uxbridge	69.9	306	HIGHER
Brock	63.8	135	HIGHER
Durham Region	42.2	5,245	Higher than Ontario
Ontario	37.4	85,590	

What You Need to Know

- A lower rate of sports injury is better for health.
- The rate ranges by Health Neighbourhood from 23.5 to 85.1 per 1,000.
- Rates are higher in the north and in Neighbourhoods in Bowmanville, east Clarington, and Northeast Brooklin. Rates are lowest in east Pickering, north Ajax, some Neighbourhoods in Oshawa, as well as in Dryden-East and Courtice North. Neighbourhoods with lower income rates may have lower sports injuries because children in these areas may participate less in organized or competitive sports such as skiing, snowboarding, soccer and hockey. Some Neighbourhoods, particularly in the north and in Bowmanville, may have higher ED visit rates generally because people may be more likely to go to a nearby ED for care rather than to a physician office or walk-in clinic.

Indicator Notes

- The sports injuries ED visit rate is the number of ED visits for sports injuries among those aged 10-14 years divided by the total population aged 10-14 years, multiplied by 1,000.
- Source: Emergency Department Visits, 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO & 2011 Census, Statistics Canada.
- Sports injuries are those with ICD-10-CA codes W02, W21, W22 (.00-.07) and W51 (.00-.07). These codes include falls involving skates, skis, skateboards and rollerblades, and injuries as a result of being struck by sports equipment (i.e., balls, bat, hockey stick or puck) or while playing (i.e., skiing, tobogganing, hockey, soccer, baseball).
- The ED visits are based on patient residence, not the location of the hospital, where the "main problem" that is deemed to be the clinically significant reason for the visit is an injury. ED visits with postal codes that were missing or could not be coded to a Health Neighbourhood were excluded.
- Neighbourhoods were sorted by the injury rate and divided into quintiles (five equal groupings) based on the total number of ED visits in those Neighbourhoods.
- 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 injury rates in Durham Region, see Injury and Substance Misuse Statistics at durham.ca/healthstats.

Release Date: January 2015.

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

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