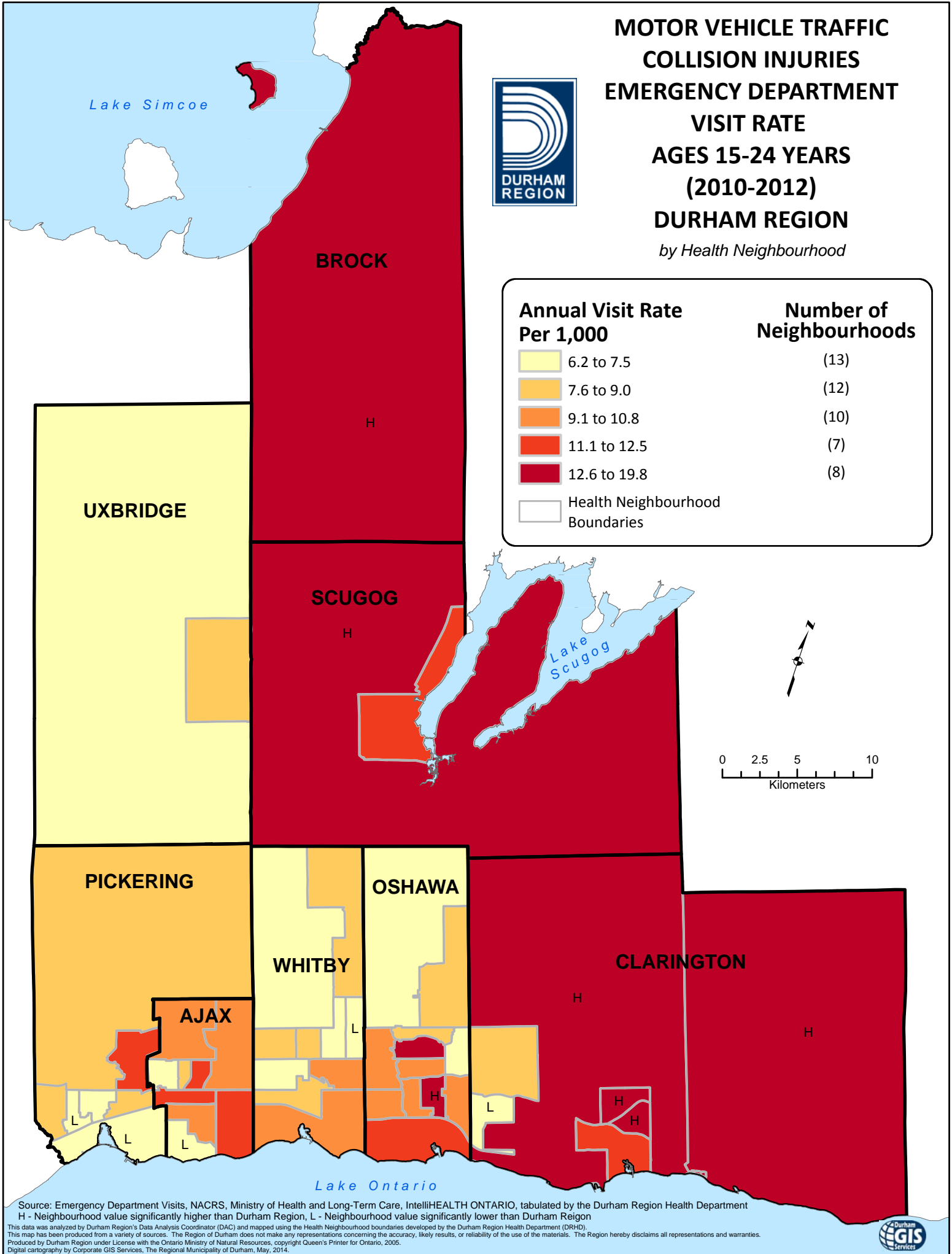


**MOTOR VEHICLE TRAFFIC
COLLISION INJURIES
EMERGENCY DEPARTMENT
VISIT RATE
AGES 15-24 YEARS
(2010-2012)
DURHAM REGION**

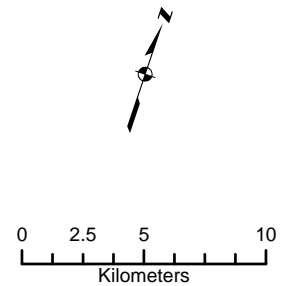
by Health Neighbourhood



**Annual Visit Rate
Per 1,000**

**Number of
Neighbourhoods**

	6.2 to 7.5	(13)
	7.6 to 9.0	(12)
	9.1 to 10.8	(10)
	11.1 to 12.5	(7)
	12.6 to 19.8	(8)
	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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Motor Vehicle Traffic Collision Injuries, ED Visit Rate, Ages 15-24 Years (2010-2012)

Table 1: Health Neighbourhoods Indicator Summary

⬇ Lower is Better



	Rate per 1,000	95% Confidence Interval	Number of Emergency Department Visits	Compared to Durham Rate		
				Lower	Similar	Higher
Pickering	7.9	7.1 - 8.9	324	⬇		
Frenchman's Bay (P1)	6.7	5.0 - 9.1	45	⬇		
West Rouge (P2)	7.6	5.6 - 10.2	45			
Amberlee (P3)	6.2	4.4 - 8.8	33	⬇		
Dunbarton (P4)	7.1	5.3 - 9.5	48			
Pickering City Centre (P5)	8.8	6.6 - 11.7	50			
Brock Ridge Pickering (P6)	11.3	8.7 - 14.7	57			
Pickering North (P7)	8.5	6.3 - 11.4	46			
Ajax	9.7	8.9 - 10.7	480			
Ajax Waterfront (A1)	6.4	4.4 - 9.2	31	⬇		
Downtown Ajax (A2)	9.3	6.8 - 12.7	43			
Carruthers (A3)	12.5	9.7 - 16.1	62			
Central Ajax (A4)	11.7	9.1 - 15.0	65			
Riverside-Hermitage (A5)	7.2	5.5 - 9.5	55			
Westney Heights (A6)	9.0	6.5 - 12.5	39			
Applecroft (A7)	11.7	9.3 - 14.8	72			
Ajax Northwest (A8)	9.6	7.5 - 12.4	62			
Ajax Northeast (A9)	10.6	8.0 - 14.0	51			
Whitby	7.9	7.2 - 8.7	410	⬇		
Whitby South (W1)	9.1	6.7 - 12.3	43			
Downtown Whitby (W2)	9.0	6.9 - 11.7	58			
Cochrane South (W3)	7.2	5.0 - 10.3	32			
Manning (W4)	9.4	7.4 - 11.9	70			
Williamsburg (W5)	8.2	5.5 - 11.9	28			
Whitby Brock North (W6)	7.7	5.6 - 10.4	43			
Dryden-Anderson (W7)	6.9	5.0 - 9.3	43			
Dryden East (W8)	6.3	4.5 - 8.7	38	⬇		
Brooklin East (W9)	8.0	5.5 - 11.8	28			
Brooklin West (W10)	7.0	4.7 - 10.3	27			
Oshawa	10.0	9.2 - 10.8	604			
Lakeview (O1)	11.1	9.0 - 13.7	90			
Gibb West (O2)	9.7	7.2 - 13.1	46			
Downtown Oshawa (O3)	10.8	8.0 - 14.6	46			
Central Park (O4)	13.3	10.2 - 17.5	55			⬆
Grandview South (O5)	9.7	7.2 - 13.1	45			
Stevenson North (O6)	10.1	8.0 - 12.8	73			
Hillsdale (O7)	10.4	7.7 - 14.0	46			
Beatrice South (O8)	12.6	9.7 - 16.4	58			
Grandview North (O9)	7.5	5.3 - 10.4	36			
Beatrice North (O10)	8.7	6.3 - 12.0	39			
Oshawa Northwest (O11)	6.8	4.7 - 9.6	33			
Oshawa Northeast (O12)	8.5	6.1 - 11.8	37			
Clarington	11.2	10.2 - 12.4	406			⬆
Courtice South (C1)	6.9	5.2 - 9.2	49	⬇		
Courtice North (C2)	8.3	6.0 - 11.4	40			
Bowmanville South (C3)	12.5	9.9 - 15.7	75			
Bowmanville Central (C4)	13.3	10.1 - 17.5	53			⬆
Bowmanville North (C5)	13.2	10.1 - 17.3	56			⬆
Darlington (C6)	13.3	10.0 - 17.7	50			⬆
Clarke (C7)	13.3	10.6 - 16.5	83			⬆
Scugog	16.5	13.9 - 19.5	138			⬆
Port Perry (S1)	12.2	9.0 - 16.5	44			
Rural Scugog (S2)	19.8	16.1 - 24.2	94			⬆
Uxbridge	7.8	6.1 - 9.9	70			
Urban Uxbridge (U1)	8.4	6.2 - 11.4	44			
Rural Uxbridge (U2)	6.9	4.6 - 10.3	26			
Brock						
Brock (B1)	17.2	13.6 - 21.7	72			⬆
Durham Region	9.6	9.3 - 10.0	2,504	Higher than Ontario		
Range	6.2 - 19.8		26 - 94			
Ontario	8.7	8.6 - 8.8	44,869			

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.

Motor vehicle traffic collisions, ED visits, ages 15-24

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)	Quintiles
1	Amberlee (P3)	6.2	33	LOWER	1
2	Dryden East (W8)	6.3	38	LOWER	1
3	Ajax Waterfront (A1)	6.4	31	LOWER	1
4	Frenchman's Bay (P1)	6.7	45	LOWER	1
5	Oshawa Northwest (O11)	6.8	33	similar	1
6	Dryden-Anderson (W7)	6.9	43	similar	1
7	Courtice South (C1)	6.9	49	LOWER	1
8	Rural Uxbridge (U2)	6.9	26	similar	1
9	Brooklin West (W10)	7.0	27	similar	1
10	Dunbarton (P4)	7.1	48	similar	1
11	Riverside-Hermitage (A5)	7.2	55	similar	1
12	Cochrane South (W3)	7.2	32	similar	1
13	Grandview North (O9)	7.5	36	similar	1
14	West Rouge (P2)	7.6	45	similar	2
15	Whitby Brock North (W6)	7.7	43	similar	2
16	Brooklin East (W9)	8.0	28	similar	2
17	Williamsburg (W5)	8.2	28	similar	2
18	Courtice North (C2)	8.3	40	similar	2
19	Urban Uxbridge (U1)	8.4	44	similar	2
20	Oshawa Northeast (O12)	8.5	37	similar	2
21	Pickering North (P7)	8.5	46	similar	2
22	Beatrice North (O10)	8.7	39	similar	2
23	Pickering City Centre (P5)	8.8	50	similar	2
24	Downtown Whitby (W2)	9.0	58	similar	2
25	Westney Heights (A6)	9.0	39	similar	2
26	Whitby South (W1)	9.1	43	similar	3
27	Downtown Ajax (A2)	9.3	43	similar	3
28	Manning (W4)	9.4	70	similar	3
29	Ajax Northwest (A8)	9.6	62	similar	3
30	Grandview South (O5)	9.7	45	similar	3
31	Gibb West (O2)	9.7	46	similar	3
32	Stevenson North (O6)	10.1	73	similar	3
33	Hillsdale (O7)	10.4	46	similar	3
34	Ajax Northeast (A9)	10.6	51	similar	3
35	Downtown Oshawa (O3)	10.8	46	similar	3
36	Lakeview (O1)	11.1	90	similar	4
37	Brock Ridge Pickering (P6)	11.3	57	similar	4
38	Central Ajax (A4)	11.7	65	similar	4
39	Applecroft (A7)	11.7	72	similar	4
40	Port Perry (S1)	12.2	44	similar	4
41	Bowmanville South (C3)	12.5	75	similar	4
42	Carruthers (A3)	12.5	62	similar	4
43	Beatrice South (O8)	12.6	58	similar	5
44	Bowmanville North (C5)	13.2	56	HIGHER	5
45	Clarke (C7)	13.3	83	HIGHER	5
46	Bowmanville Central (C4)	13.3	53	HIGHER	5
47	Central Park (O4)	13.3	55	HIGHER	5
48	Darlington (C6)	13.3	50	HIGHER	5
49	Brock (B1)	17.2	72	HIGHER	5
50	Rural Scugog (S2)	19.8	94	HIGHER	5

Motor Vehicle Traffic Collision Injuries (MVTC), Emergency Department (ED) Visit Rate, Ages 15-24 Years (2010-2012)

Table 3: MVTC ED visit rate for ages 15-24 years by Durham Region Municipality

Municipality	Rate per 1,000	Number of ED Visits	Compared to Durham Region (Lower is Better)
Pickering	7.9	324	LOWER
Ajax	9.7	480	similar
Whitby	7.9	410	LOWER
Oshawa	10.0	604	similar
Clarington	11.2	406	HIGHER
Scugog	16.5	138	HIGHER
Uxbridge	7.8	70	similar
Brock	17.2	72	HIGHER
Durham Region	9.6	2,504	Higher than Ontario
Ontario	8.7	44,869	

What You Need to Know

- A lower rate of MVTC injury is better for health.
- The rate ranges by Health Neighbourhood from 6.2 to 19.8 per 1,000.
- ED visits for MVTCs in teens and young adults are higher in rural Neighbourhoods in east and northeast Durham Region. Those living in rural areas may drive more because they need a car to get around. Rates are significantly higher in Durham Region than Ontario. Some Neighbourhoods, particularly in Bowmanville and the north, 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 rate is the number of ED visits among those aged 15-24 years for a MVTC divided by the total population aged 15-24 years, multiplied by 1,000.
- Source: Emergency Department (ED) Visits, 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO & 2011 Census, Statistics Canada.
- ICD-10-CA codes for MVTC injuries: V02-V04(.1,.9), V09.2, V12-V14(.3-.9), V19(.4-.6), V20-V28(.3-.9), V29(.4-.6,.9), V30-V79(.4-.9 excluding V39.8, V49.8, V59.8, V69.8, V79.8), V80(.3-.5), V81-V82(.1), V83-V86(.0-.3), V87(.0-.8), and V89.2. Traffic crashes occur on public streets, roadways or highways involving pedestrians, and/or drivers and passengers of bicycles, motorized tricycles, cars, trucks, vans, motorcycles, or buses, or other land vehicles such as animal-driven vehicles, railway trains, all-terrain vehicles and snowmobiles. Non-traffic crashes are excluded.
- 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 at durham.ca/healthstats. For information about the indicator definition, see [APHEO Core Indicators](#).

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.