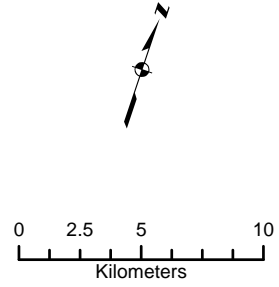
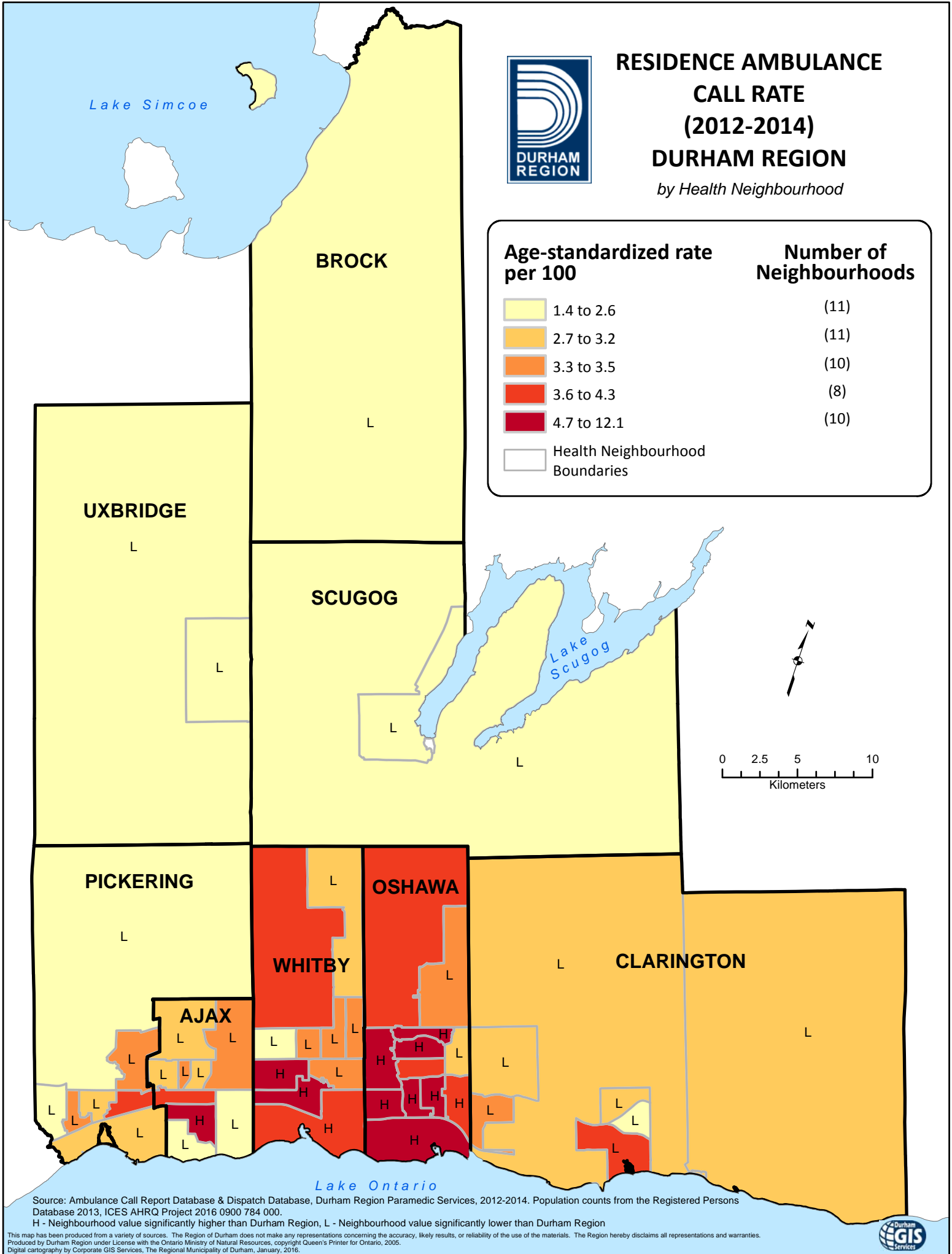
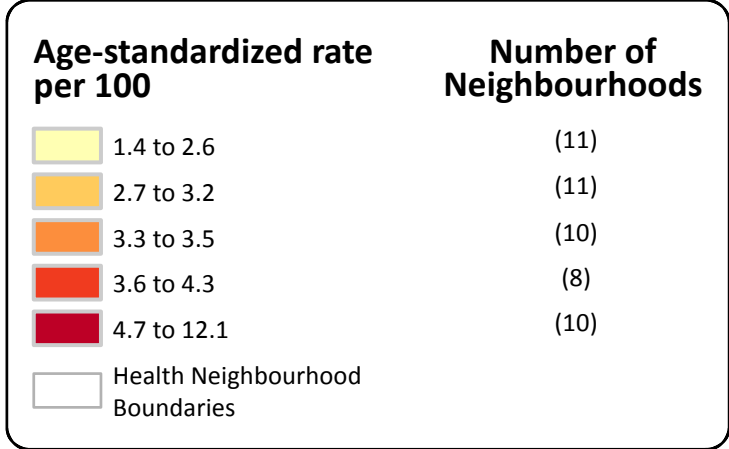




RESIDENCE AMBULANCE CALL RATE (2012-2014) DURHAM REGION

by Health Neighbourhood



Source: Ambulance Call Report Database & Dispatch Database, Durham Region Paramedic Services, 2012-2014. Population counts from the Registered Persons Database 2013, ICES AHRQ Project 2016 0900 784 000.
 H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region

Residence Ambulance Call Rate (2012-2014)
Table 1: Health Neighbourhoods Indicator Summary

↩ Lower is Better



	Age-standardized Rate per 100	95% Confidence Interval	Number of Ambulance Calls	Compared to Durham Rate		
				Lower	Similar	Higher
Pickering	3.2	3.1 - 3.3	9,626	↩		
Frenchman's Bay (P1)	3.2	3.1 - 3.4	2,083	↩		
West Rouge (P2)	2.6	2.4 - 2.8	984	↩		
Amberlee (P3)	3.3	3.1 - 3.5	970	↩		
Dunbarton (P4)	2.9	2.7 - 3.1	1,181	↩		
Pickering City Centre (P5)	4.0	3.9 - 4.2	2,615			
Brock Ridge Pickering (P6)	3.3	3.1 - 3.5	1,015	↩		
Pickering North (P7)	2.6	2.4 - 2.8	778	↩		
Ajax	3.5	3.5 - 3.6	11,895	↩		
Ajax Waterfront (A1)	2.4	2.3 - 2.6	1,077	↩		
Downtown Ajax (A2)	5.8	5.6 - 6.1	2,944			↗
Carruthers (A3)	2.6	2.4 - 2.8	818	↩		
Central Ajax (A4)	3.9	3.7 - 4.1	1,434			
Riverside-Hermitage (A5)	3.0	2.9 - 3.2	1,090	↩		
Westney Heights (A6)	3.4	3.1 - 3.6	824	↩		
Applecroft (A7)	3.1	2.9 - 3.3	1,045	↩		
Ajax Northwest (A8)	3.2	3.1 - 3.4	1,370	↩		
Ajax Northeast (A9)	3.4	3.1 - 3.6	1,293	↩		
Whitby	3.9	2.1 - 2.3	15,724	↩		
Whitby South (W1)	4.3	4.1 - 4.5	2,084			↗
Downtown Whitby (W2)	5.8	5.6 - 6.0	3,668			↗
Cochrane South (W3)	4.9	4.6 - 5.2	1,352			↗
Manning (W4)	3.4	3.3 - 3.6	2,029	↩		
Williamsburg (W5)	2.6	2.4 - 2.8	557	↩		
Whitby Brock North (W6)	3.4	3.2 - 3.5	1,403	↩		
Dryden-Anderson (W7)	3.5	3.3 - 3.7	1,226	↩		
Dryden East (W8)	3.5	3.3 - 3.7	1,192	↩		
Brooklin East (W9)	3.2	3.0 - 3.3	999	↩		
Brooklin West (W10)	3.6	3.4 - 3.9	1,214			
Oshawa	5.5	5.5 - 5.6	31,319			↗
Lakeview (O1)	7.7	7.5 - 7.9	4,484			↗
Gibb West (O2)	6.2	5.9 - 6.4	2,496			↗
Downtown Oshawa (O3)	12.1	11.8 - 12.5	5,428			↗
Central Park (O4)	5.8	5.6 - 6.0	2,812			↗
Grandview South (O5)	4.2	4.0 - 4.4	1,911			↗
Stevenson North (O6)	4.7	4.6 - 4.9	3,317			↗
Hillsdale (O7)	4.0	3.8 - 4.2	1,919			
Beatrice South (O8)	4.7	4.5 - 4.9	2,744			↗
Grandview North (O9)	3.2	3.0 - 3.3	1,077	↩		
Beatrice North (O10)	6.3	6.0 - 6.5	2,302			↗
Oshawa Northwest (O11)	3.7	3.5 - 3.9	1,518			
Oshawa Northeast (O12)	3.5	3.3 - 3.7	1,311	↩		
Clarington	3.0	2.9 - 3.0	8,661	↩		
Courtice South (C1)	3.3	3.1 - 3.5	1,255	↩		
Courtice North (C2)	3.2	3.0 - 3.4	1,034	↩		
Bowmanville South (C3)	3.6	3.5 - 3.8	1,783	↩		
Bowmanville Central (C4)	2.4	2.3 - 2.6	786	↩		
Bowmanville North (C5)	3.0	2.8 - 3.2	937	↩		
Darlington (C6)	2.7	2.5 - 2.9	1,270	↩		
Clarke (C7)	2.9	2.7 - 3.0	1,596	↩		
Scugog	2.5	2.4 - 2.6	2,408	↩		
Port Perry (S1)	2.6	2.4 - 2.7	1,341	↩		
Rural Scugog (S2)	2.4	2.3 - 2.6	1,067	↩		
Uxbridge	2.2	2.1 - 2.3	1,779	↩		
Urban Uxbridge (U1)	2.1	1.9 - 2.2	1,245	↩		
Rural Uxbridge (U2)	2.5	2.3 - 2.7	534	↩		
Brock						
Brock (B1)	1.4	1.3 - 1.5	753	↩		
Durham Region	3.9	3.8 - 3.9	82,165			
Range	1.4 - 12.1		534 - 5,428			

Date of last revision: January 11, 2016

Source: Ambulance Call Report Database & Dispatch Database, Durham Region Paramedic Services, 2012-2014

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.

Residence Ambulance Call Rate (2012-2014)

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

Order	Health Neighbourhoods	Age-standardized Rate per 100	Number of Cases	Compared with Durham Region (Lower is Better)	Quintiles
1	Brock (B1)	1.4	753	LOWER	1
2	Urban Uxbridge (U1)	2.1	1,245	LOWER	1
3	Ajax Waterfront (A1)	2.4	1,077	LOWER	1
4	Rural Scugog (S2)	2.4	1,067	LOWER	1
5	Bowmanville Central (C4)	2.4	786	LOWER	1
6	Rural Uxbridge (U2)	2.5	534	LOWER	1
7	Port Perry (S1)	2.6	1,341	LOWER	1
8	West Rouge (P2)	2.6	984	LOWER	1
9	Pickering North (P7)	2.6	778	LOWER	1
10	Williamsburg (W5)	2.6	557	LOWER	1
11	Carruthers (A3)	2.6	818	LOWER	1
12	Darlington (C6)	2.7	1,270	LOWER	2
13	Clarke (C7)	2.9	1,596	LOWER	2
14	Dunbarton (P4)	2.9	1,181	LOWER	2
15	Bowmanville North (C5)	3.0	937	LOWER	2
16	Riverside-Hermitage (A5)	3.0	1,090	LOWER	2
17	Applecroft (A7)	3.1	1,045	LOWER	2
18	Brooklin East (W9)	3.2	999	LOWER	2
19	Grandview North (O9)	3.2	1,077	LOWER	2
20	Courtice North (C2)	3.2	1,034	LOWER	2
21	Ajax Northwest (A8)	3.2	1,370	LOWER	2
22	Frenchman's Bay (P1)	3.2	2,083	LOWER	2
23	Amberlee (P3)	3.3	970	LOWER	3
24	Brock Ridge Pickering (P6)	3.3	1,015	LOWER	3
25	Courtice South (C1)	3.3	1,255	LOWER	3
26	Ajax Northeast (A9)	3.4	1,293	LOWER	3
27	Whitby Brock North (W6)	3.4	1,403	LOWER	3
28	Westney Heights (A6)	3.4	824	LOWER	3
29	Manning (W4)	3.4	2,029	LOWER	3
30	Dryden East (W8)	3.5	1,192	LOWER	3
31	Dryden-Anderson (W7)	3.5	1,226	LOWER	3
32	Oshawa Northeast (O12)	3.5	1,311	LOWER	3
33	Bowmanville South (C3)	3.6	1,783	LOWER	4
34	Brooklin West (W10)	3.6	1,214	similar	4
35	Oshawa Northwest (O11)	3.7	1,518	similar	4
36	Central Ajax (A4)	3.9	1,434	similar	4
37	Hillsdale (O7)	4.0	1,919	similar	4
38	Pickering City Centre (P5)	4.0	2,615	similar	4
39	Grandview South (O5)	4.2	1,911	HIGHER	4
40	Whitby South (W1)	4.3	2,084	HIGHER	4
41	Beatrice South (O8)	4.7	2,744	HIGHER	5
42	Stevenson North (O6)	4.7	3,317	HIGHER	5
43	Cochrane South (W3)	4.9	1,352	HIGHER	5
44	Central Park (O4)	5.8	2,812	HIGHER	5
45	Downtown Whitby (W2)	5.8	3,668	HIGHER	5
46	Downtown Ajax (A2)	5.8	2,944	HIGHER	5
47	Gibb West (O2)	6.2	2,496	HIGHER	5
48	Beatrice North (O10)	6.3	2,302	HIGHER	5
49	Lakeview (O1)	7.7	4,484	HIGHER	5
50	Downtown Oshawa (O3)	12.1	5,428	HIGHER	5

Residence Ambulance Call Rate (2012-2014)

Table 3: Residence ambulance call rate by Durham Regional Municipality

Municipality	Age Standardized Rate per 100	Number of Ambulance Calls	Compared to Durham Region (Lower is Better)
Pickering	3.2	9,626	LOWER
Ajax	3.5	11,895	LOWER
Whitby	3.9	15,724	LOWER
Oshawa	5.5	31,319	HIGHER
Clarington	3.0	8,661	LOWER
Scugog	2.5	2,408	LOWER
Uxbridge	2.2	1,779	LOWER
Brock	1.4	753	LOWER
Durham Region	3.9	82,165	

What You Need to Know

- A lower rate of residential ambulance calls is better for health.
- The rate ranges by Health Neighbourhood from 1.4 to 12.1 per 100.
- The residence ambulance call rate is highest in the seven Priority Neighbourhoods, particularly Downtown Oshawa, Lakeview, and Beatrice North, along with some other Neighbourhoods in Whitby and Oshawa. Rates are lowest in north Durham Region. Some Neighbourhoods on the outer boundaries of Durham Region may be serviced by other paramedic services.

Indicator Notes

- This indicator measures the number of residential ambulance calls, per 100 people. The rate was age-standardized using the 1991 Canadian census population. Age standardization controls for different age structures of populations, allowing for better comparisons.
- Source: Ambulance Call Report Database & Dispatch Database, Durham Region Paramedic Services, 2012-2014. Population counts from the Registered Persons Database 2013, ICES ARHQ Project 2016 0900 784 000.
- Residence ambulance calls consist of prompt and urgent calls to a house, townhouse, apartment, condominium or farm. We excluded calls to other sites such as nursing homes, hospitals, medical offices, shopping malls, etc. We also excluded scheduled calls, transfers and standbys. We included all calls where paramedics arrived at a residence regardless of the disposition of the patient (whether or not they were transported). Ambulance calls are geocoded to the pickup location of the patient, not the patient's address.
- Neighbourhoods were sorted by residential ambulance call 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.
- Priority Neighbourhoods were identified in December 2015 as 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.

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.