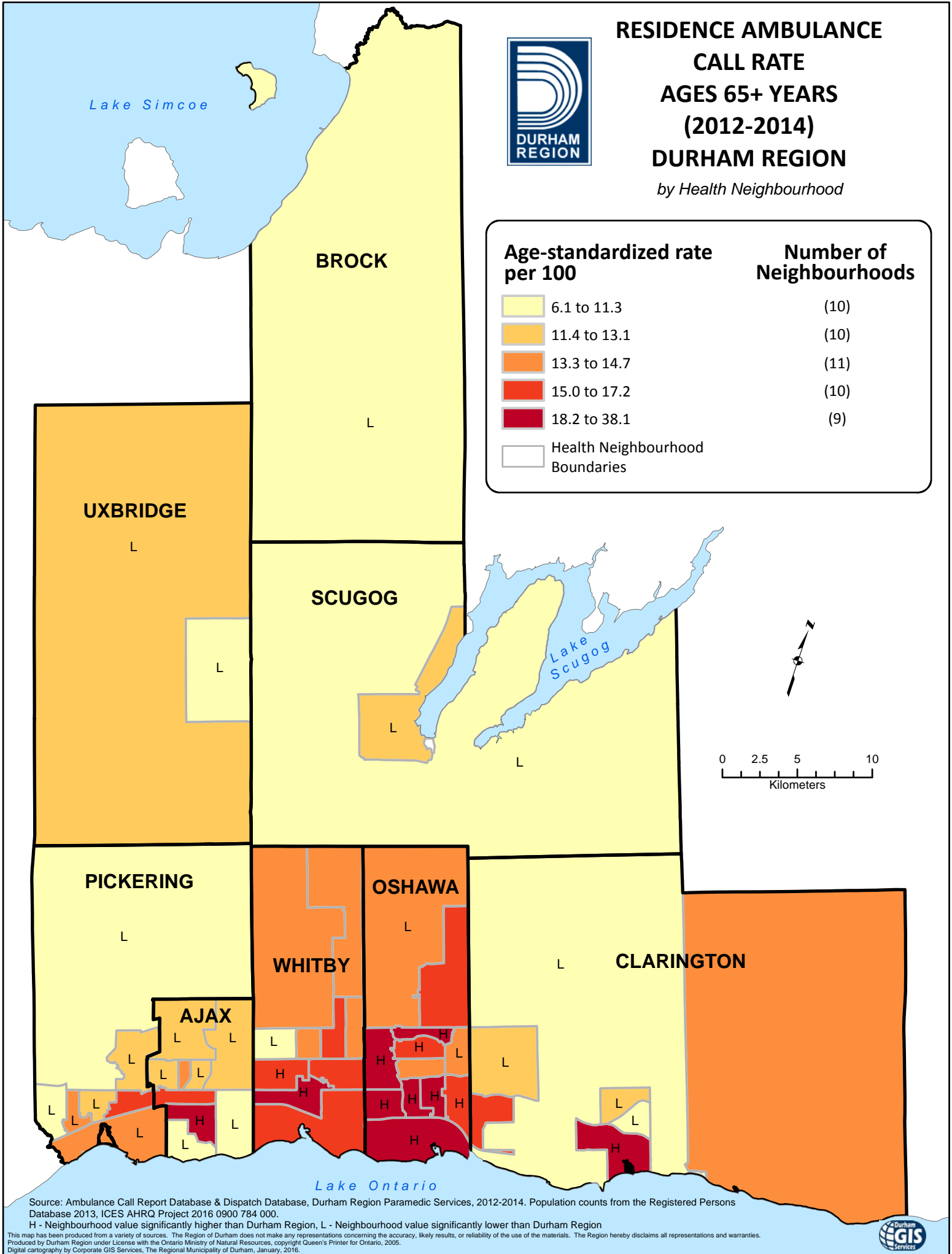




**RESIDENCE AMBULANCE  
CALL RATE  
AGES 65+ YEARS  
(2012-2014)  
DURHAM REGION**

*by Health Neighbourhood*

Age-standardized rate per 100	Number of Neighbourhoods
6.1 to 11.3	(10)
11.4 to 13.1	(10)
13.3 to 14.7	(11)
15.0 to 17.2	(10)
18.2 to 38.1	(9)
Health Neighbourhood Boundaries	



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

This map has been produced from a variety of sources. The Region of Durham does not make any representations concerning the accuracy, likely results, or reliability of the use of the materials. The Region hereby disclaims all representations and warranties. Produced by Durham Region under License with the Ontario Ministry of Natural Resources, copyright Queen's Printer for Ontario, 2005. Digital cartography by Corporate GIS Services, The Regional Municipality of Durham, January, 2016.



## Residence Ambulance Call Rate, Ages 65+ Years (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
<b>Pickering</b>	<b>13.2</b>	<b>12.8 - 13.5</b>	<b>4,852</b>	↻		
Frenchman's Bay (P1)	13.3	12.5 - 14.0	1,179	↻		
West Rouge (P2)	10.9	9.8 - 11.9	403	↻		
Amberlee (P3)	13.3	12.0 - 14.7	387	↻		
Dunbarton (P4)	12.2	11.1 - 13.3	510	↻		
Pickering City Centre (P5)	16.1	15.3 - 16.9	1,658			
Brock Ridge Pickering (P6)	12.0	10.8 - 13.3	357	↻		
Pickering North (P7)	10.7	9.6 - 11.8	358	↻		
<b>Ajax</b>	<b>14.7</b>	<b>14.3 - 15.1</b>	<b>5,002</b>	↻		
Ajax Waterfront (A1)	10.2	9.4 - 11.0	579	↻		
Downtown Ajax (A2)	22.8	21.6 - 23.9	1,719			↻
Carruthers (A3)	11.3	9.9 - 12.7	255	↻		
Central Ajax (A4)	15.4	14.2 - 16.6	619			
Riverside-Hermitage (A5)	12.3	11.1 - 13.5	417	↻		
Westney Heights (A6)	14.1	12.5 - 15.7	303			
Applecroft (A7)	11.5	10.2 - 12.8	319	↻		
Ajax Northwest (A8)	13.1	11.9 - 14.3	479	↻		
Ajax Northeast (A9)	13.1	11.7 - 14.6	312	↻		
<b>Whitby</b>	<b>16.3</b>	<b>15.9 - 16.7</b>	<b>7,476</b>			↻
Whitby South (W1)	15.9	14.9 - 16.9	1,022			
Downtown Whitby (W2)	21.3	20.3 - 22.3	1,816			↻
Cochrane South (W3)	17.2	15.8 - 18.7	545			↻
Manning (W4)	15.0	14.1 - 15.8	1,177			
Williamsburg (W5)	11.1	9.4 - 12.8	159	↻		
Whitby Brock North (W6)	14.7	13.6 - 15.8	784			
Dryden-Anderson (W7)	16.5	15.2 - 17.8	639			
Dryden East (W8)	14.3	12.9 - 15.7	411			
Brooklin East (W9)	14.4	13.1 - 15.8	434			
Brooklin West (W10)	14.7	13.4 - 16.0	489			
<b>Oshawa</b>	<b>20.1</b>	<b>19.8 - 20.4</b>	<b>15,347</b>			↻
Lakeview (O1)	24.8	23.5 - 26.1	1,404			↻
Gibb West (O2)	21.7	20.4 - 23.0	1,108			↻
Downtown Oshawa (O3)	38.1	36.6 - 39.6	2,553			↻
Central Park (O4)	23.4	22.2 - 24.6	1,662			↻
Grandview South (O5)	17.2	16.2 - 18.2	1,118			↻
Stevenson North (O6)	18.2	17.3 - 19.0	1,956			↻
Hillsdale (O7)	14.6	13.7 - 15.4	1,138			
Beatrice South (O8)	16.7	15.9 - 17.5	1,703			↻
Grandview North (O9)	13.5	12.2 - 14.7	451	↻		
Beatrice North (O10)	21.9	20.6 - 23.3	1,028			↻
Oshawa Northwest (O11)	14.1	13.1 - 15.2	700	↻		
Oshawa Northeast (O12)	15.2	13.9 - 16.5	526			
<b>Clarington</b>	<b>13.3</b>	<b>12.9 - 13.7</b>	<b>4,592</b>	↻		
Courtice South (C1)	15.7	14.3 - 17.1	488			
Courtice North (C2)	13.1	12.0 - 14.3	522	↻		
Bowmanville South (C3)	18.2	17.1 - 19.3	1,039			↻
Bowmanville Central (C4)	9.4	8.4 - 10.3	370	↻		
Bowmanville North (C5)	12.3	11.0 - 13.6	330	↻		
Darlington (C6)	10.7	10.0 - 11.4	872	↻		
Clarke (C7)	14.6	13.6 - 15.5	971			
<b>Scugog</b>	<b>11.2</b>	<b>10.7 - 11.8</b>	<b>1,558</b>	↻		
Port Perry (S1)	11.4	10.7 - 12.2	978	↻		
Rural Scugog (S2)	11.0	10.1 - 11.9	580	↻		
<b>Uxbridge</b>	<b>10.8</b>	<b>10.2 - 11.5</b>	<b>1,176</b>	↻		
Urban Uxbridge (U1)	10.5	9.8 - 11.2	859	↻		
Rural Uxbridge (U2)	11.7	10.4 - 13.0	317	↻		
<b>Brock</b>						
Brock (B1)	6.1	5.6 - 6.7	470	↻		
<b>Durham Region</b>	<b>15.5</b>	<b>15.4 - 15.7</b>	<b>40,473</b>			
<b>Range</b>	<b>6.1 - 38.1</b>		<b>159 - 2,553</b>			

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, ages 65+ years (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)	6.1	470	LOWER	1
2	Bowmanville Central (C4)	9.4	370	LOWER	1
3	Ajax Waterfront (A1)	10.2	579	LOWER	1
4	Urban Uxbridge (U1)	10.5	859	LOWER	1
5	Darlington (C6)	10.7	872	LOWER	1
6	Pickering North (P7)	10.7	358	LOWER	1
7	West Rouge (P2)	10.9	403	LOWER	1
8	Rural Scugog (S2)	11.0	580	LOWER	1
9	Williamsburg (W5)	11.1	159	LOWER	1
10	Carruthers (A3)	11.3	255	LOWER	1
11	Port Perry (S1)	11.4	978	LOWER	2
12	Applecroft (A7)	11.5	319	LOWER	2
13	Rural Uxbridge (U2)	11.7	317	LOWER	2
14	Brock Ridge Pickering (P6)	12.0	357	LOWER	2
15	Dunbarton (P4)	12.2	510	LOWER	2
16	Riverside-Hermitage (A5)	12.3	417	LOWER	2
17	Bowmanville North (C5)	12.3	330	LOWER	2
18	Courtice North (C2)	13.1	522	LOWER	2
19	Ajax Northwest (A8)	13.1	479	LOWER	2
20	Ajax Northeast (A9)	13.1	312	LOWER	2
21	Frenchman's Bay (P1)	13.3	1,179	LOWER	3
22	Amberlee (P3)	13.3	387	LOWER	3
23	Grandview North (O9)	13.5	451	LOWER	3
24	Oshawa Northwest (O11)	14.1	700	LOWER	3
25	Westney Heights (A6)	14.1	303	similar	3
26	Dryden East (W8)	14.3	411	similar	3
27	Brooklin East (W9)	14.4	434	similar	3
28	Hillsdale (O7)	14.6	1,138	similar	3
29	Clarke (C7)	14.6	971	similar	3
30	Whitby Brock North (W6)	14.7	784	similar	3
31	Brooklin West (W10)	14.7	489	similar	3
32	Manning (W4)	15.0	1,177	similar	4
33	Oshawa Northeast (O12)	15.2	526	similar	4
34	Central Ajax (A4)	15.4	619	similar	4
35	Courtice South (C1)	15.7	488	similar	4
36	Whitby South (W1)	15.9	1,022	similar	4
37	Pickering City Centre (P5)	16.1	1,658	similar	4
38	Dryden-Anderson (W7)	16.5	639	similar	4
39	Beatrice South (O8)	16.7	1,703	HIGHER	4
40	Grandview South (O5)	17.2	1,118	HIGHER	4
41	Cochrane South (W3)	17.2	545	HIGHER	4
42	Stevenson North (O6)	18.2	1,956	HIGHER	5
43	Bowmanville South (C3)	18.2	1,039	HIGHER	5
44	Downtown Whitby (W2)	21.3	1,816	HIGHER	5
45	Gibb West (O2)	21.7	1,108	HIGHER	5
46	Beatrice North (O10)	21.9	1,028	HIGHER	5
47	Downtown Ajax (A2)	22.8	1,719	HIGHER	5
48	Central Park (O4)	23.4	1,662	HIGHER	5
49	Lakeview (O1)	24.8	1,404	HIGHER	5
50	Downtown Oshawa (O3)	38.1	2,553	HIGHER	5

## Residence Ambulance Call Rate, ages 65+ years (2012-2014)

Table 3: Residence ambulance call rate, ages 65+ years by Durham Regional Municipality

Municipality	Age-standardized Rate per 100	Number of Ambulance Calls	Compared to Durham Region (Lower is Better)
Pickering	13.2	4,852	LOWER
Ajax	14.7	5,002	LOWER
Whitby	16.3	7,476	HIGHER
Oshawa	20.1	15,347	HIGHER
Clarington	13.3	4,592	LOWER
Scugog	11.2	1,558	LOWER
Uxbridge	10.8	1,176	LOWER
Brock	6.1	470	LOWER
Durham Region	15.5	40,473	

### What You Need to Know

- A lower rate of residential ambulance calls in seniors is better for health.
- The rate ranges by Health Neighbourhood from 6.1 to 38.1 per 100.
- The residence ambulance call rate among seniors is highest in the seven Priority Neighbourhoods, particularly Downtown Oshawa, Lakeview, and Central Park, 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 among those aged 65+, per 100 people aged 65+. 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.