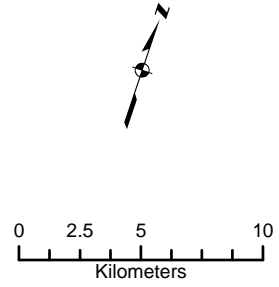
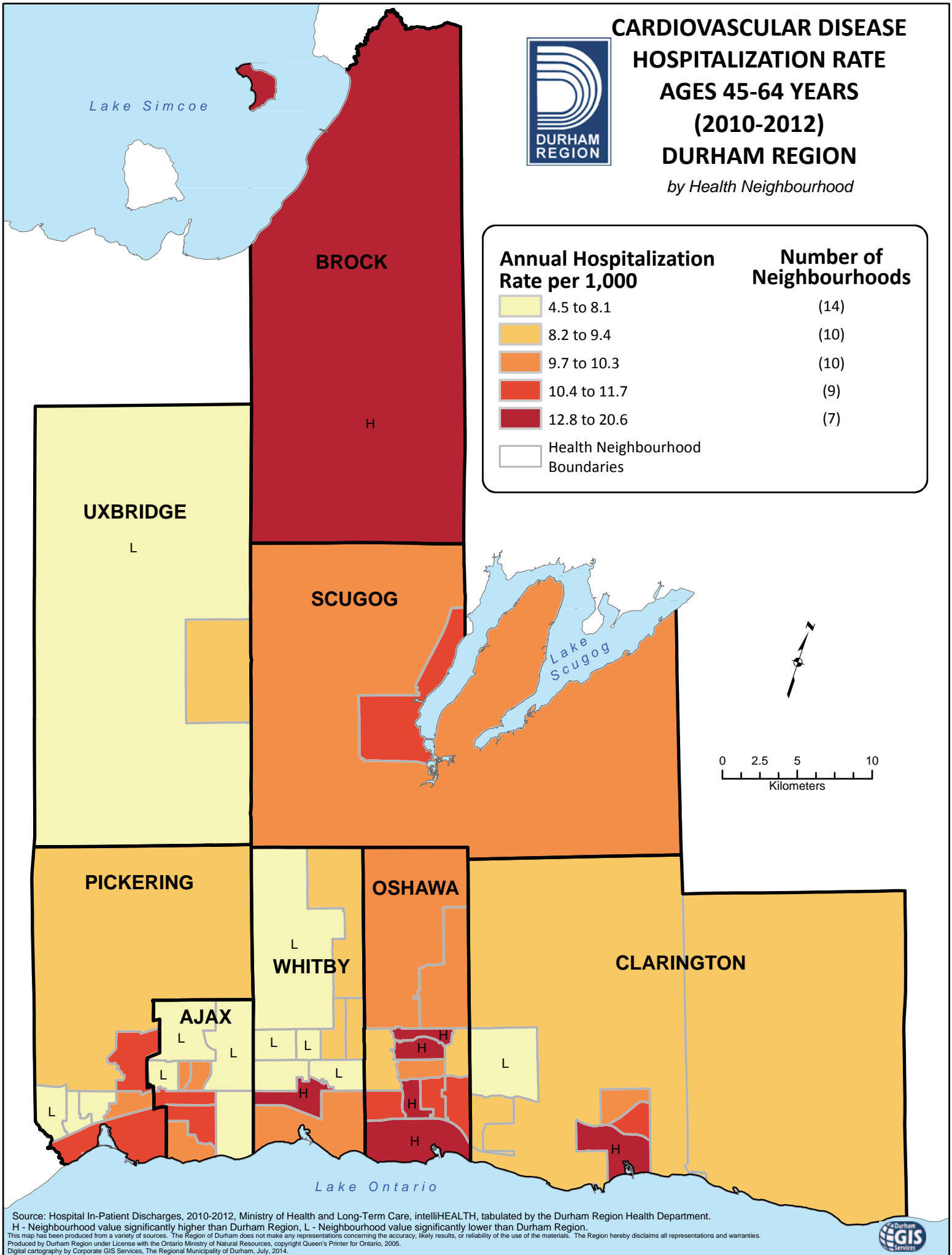




**CARDIOVASCULAR DISEASE  
HOSPITALIZATION RATE  
AGES 45-64 YEARS  
(2010-2012)  
DURHAM REGION**

*by Health Neighbourhood*

Annual Hospitalization Rate per 1,000	Number of Neighbourhoods
4.5 to 8.1	(14)
8.2 to 9.4	(10)
9.7 to 10.3	(10)
10.4 to 11.7	(9)
12.8 to 20.6	(7)
Health Neighbourhood Boundaries	



Source: Hospital In-Patient Discharges, 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH, tabulated by the Durham Region Health Department.  
 H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region.  
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# Cardiovascular Disease Hospitalization Rate, Ages 45-64 Years (2010-2012)

## Table 1: Health Neighbourhoods Indicator Summary

é Lower is Better



	Annual Rate per 1,000	95% Confidence Interval	Number of Hospital Discharges	Compared to Durham Rate		
				Lower	Similar	Higher
<b>Pickering</b>	<b>8.7</b>	8.1 - 9.3	<b>737</b>	é		
Frenchman's Bay (P1)	10.4	9.0 - 12.1	176			
West Rouge (P2)	5.5	4.3 - 7.0	68	é		
Amberlee (P3)	7.8	6.2 - 9.8	78			
Dunbarton (P4)	8.0	6.6 - 9.6	115			
Pickering City Centre (P5)	9.7	8.0 - 11.8	108			
Brock Ridge Pickering (P6)	11.3	9.2 - 13.8	97			
Pickering North (P7)	8.2	6.6 - 10.0	95			
<b>Ajax</b>	<b>9.0</b>	8.4 - 9.6	<b>820</b>			
Ajax Waterfront (A1)	10.0	8.3 - 12.0	121			
Downtown Ajax (A2)	11.7	9.7 - 14.1	112			
Carruthers (A3)	8.0	6.4 - 10.1	77			
Central Ajax (A4)	11.3	9.5 - 13.5	130			
Riverside-Hermitage (A5)	6.6	5.3 - 8.1	86	é		
Westney Heights (A6)	9.7	7.7 - 12.2	77			
Applecroft (A7)	9.8	8.0 - 12.0	96			
Ajax Northwest (A8)	6.9	5.4 - 8.7	71	é		
Ajax Northeast (A9)	6.6	5.0 - 8.8	50	é		
<b>Whitby</b>	<b>8.9</b>	8.3 - 9.5	<b>900</b>	é		
Whitby South (W1)	10.1	8.3 - 12.2	111			
Downtown Whitby (W2)	13.3	11.5 - 15.3	195			é
Cochrane South (W3)	8.1	6.5 - 10.2	78			
Manning (W4)	7.5	6.2 - 9.0	118	é		
Williamsburg (W5)	6.8	4.9 - 9.5	38	é		
Whitby Brock North (W6)	7.3	5.7 - 9.3	68	é		
Dryden-Anderson (W7)	9.0	7.3 - 11.0	92			
Dryden East (W8)	8.5	6.8 - 10.6	82			
Brooklin East (W9)	8.4	6.5 - 10.9	61			
Brooklin West (W10)	6.9	5.3 - 9.0	57	é		
<b>Oshawa</b>	<b>12.1</b>	11.5 - 12.7	<b>1,589</b>			é
Lakeview (O1)	16.5	14.5 - 18.6	256			é
Gibb West (O2)	10.6	8.7 - 12.7	112			
Downtown Oshawa (O3)	20.6	17.9 - 23.8	190			é
Central Park (O4)	11.5	9.6 - 13.8	124			
Grandview South (O5)	11.6	9.8 - 13.8	135			
Stevenson North (O6)	9.4	8.0 - 11.1	151			
Hillsdale (O7)	10.3	8.5 - 12.5	105			
Beatrice South (O8)	12.8	10.9 - 15.0	153			é
Grandview North (O9)	8.9	7.1 - 11.0	86			
Beatrice North (O10)	12.9	10.6 - 15.6	104			é
Oshawa Northwest (O11)	9.7	7.8 - 12.0	88			
Oshawa Northeast (O12)	9.9	8.0 - 12.3	85			
<b>Clarington</b>	<b>9.8</b>	9.1 - 10.6	<b>711</b>			
Courtice South (C1)	9.3	7.7 - 11.2	115			
Courtice North (C2)	7.4	5.8 - 9.3	72	é		
Bowmanville South (C3)	12.9	10.9 - 15.1	150			é
Bowmanville Central (C4)	10.4	8.3 - 13.1	76			
Bowmanville North (C5)	10.3	8.2 - 13.0	75			
Darlington (C6)	9.3	7.5 - 11.5	88			
Clarke (C7)	9.3	7.8 - 11.0	135			
<b>Scugog</b>	<b>10.1</b>	8.8 - 11.5	<b>225</b>			
Port Perry (S1)	10.5	8.5 - 12.9	92			
Rural Scugog (S2)	9.9	8.3 - 11.7	133			
<b>Uxbridge</b>	<b>6.7</b>	5.6 - 7.9	<b>138</b>	é		
Urban Uxbridge (U1)	8.4	6.8 - 10.3	96			
Rural Uxbridge (U2)	4.5	3.3 - 6.2	42	é		
<b>Brock</b>						
Brock (B1)	13.4	11.4 - 15.8	148			é
<b>Durham Region</b>	<b>9.8</b>	9.6 - 10.1	<b>5,268</b>	Similar to Ontario		
<b>Range</b>	4.5 - 20.6		38 - 256			
<b>Ontario</b>	<b>10.2</b>	10.1 - 10.2	<b>112,616</b>			

Source: Hospital In-Patient Discharges, 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.

## Cardiovascular Disease Hospitalization Rate, Ages 45-64 Years (2010-2012)

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

Order	Health Neighbourhoods	Annual Rate per 1,000	Number of Hospital Discharges	Compared to Durham Region (Lower is Better)	Quintiles
1	Rural Uxbridge (U2)	4.5	42	LOWER	1
2	West Rouge (P2)	5.5	68	LOWER	1
3	Riverside-Hermitage (A5)	6.6	86	LOWER	1
4	Ajax Northeast (A9)	6.6	50	LOWER	1
5	Williamsburg (W5)	6.8	38	LOWER	1
6	Ajax Northwest (A8)	6.9	71	LOWER	1
7	Brooklin West (W10)	6.9	57	LOWER	1
8	Whitby Brock North (W6)	7.3	68	LOWER	1
9	Courtice North (C2)	7.4	72	LOWER	1
10	Manning (W4)	7.5	118	LOWER	1
11	Amberlee (P3)	7.8	78	similar	1
12	Dunbarton (P4)	8.0	115	similar	1
13	Carruthers (A3)	8.0	77	similar	1
14	Cochrane South (W3)	8.1	78	similar	1
15	Pickering North (P7)	8.2	95	similar	2
16	Urban Uxbridge (U1)	8.4	96	similar	2
17	Brooklin East (W9)	8.4	61	similar	2
18	Dryden East (W8)	8.5	82	similar	2
19	Grandview North (O9)	8.9	86	similar	2
20	Dryden-Anderson (W7)	9.0	92	similar	2
21	Courtice South (C1)	9.3	115	similar	2
22	Clarke (C7)	9.3	135	similar	2
23	Darlington (C6)	9.3	88	similar	2
24	Stevenson North (O6)	9.4	151	similar	2
25	Pickering City Centre (P5)	9.7	108	similar	3
26	Oshawa Northwest (O11)	9.7	88	similar	3
27	Westney Heights (A6)	9.7	77	similar	3
28	Applecroft (A7)	9.8	96	similar	3
29	Rural Scugog (S2)	9.9	133	similar	3
30	Oshawa Northeast (O12)	9.9	85	similar	3
31	Ajax Waterfront (A1)	10.0	121	similar	3
32	Whitby South (W1)	10.1	111	similar	3
33	Hillsdale (O7)	10.3	105	similar	3
34	Bowmanville North (C5)	10.3	75	similar	3
35	Frenchman's Bay (P1)	10.4	176	similar	4
36	Bowmanville Central (C4)	10.4	76	similar	4
37	Port Perry (S1)	10.5	92	similar	4
38	Gibb West (O2)	10.6	112	similar	4
39	Brock Ridge Pickering (P6)	11.3	97	similar	4
40	Central Ajax (A4)	11.3	130	similar	4
41	Central Park (O4)	11.5	124	similar	4
42	Grandview South (O5)	11.6	135	similar	4
43	Downtown Ajax (A2)	11.7	112	similar	4
44	Beatrice South (O8)	12.8	153	HIGHER	5
45	Bowmanville South (C3)	12.9	150	HIGHER	5
46	Beatrice North (O10)	12.9	104	HIGHER	5
47	Downtown Whitby (W2)	13.3	195	HIGHER	5
48	Brock (B1)	13.4	148	HIGHER	5
49	Lakeview (O1)	16.5	256	HIGHER	5
50	Downtown Oshawa (O3)	20.6	190	HIGHER	5

## Cardiovascular Disease (CVD) Hospitalization Rate, Ages 45-64 Years (2010-2012)

Table 3: CVD hospitalization rate for ages 45-64 years by Durham Region Municipality

Municipality	Rate per 1,000	Number of Hospitalizations	Compared to Durham Region (Lower is Better)
Pickering	8.7	737	<b>LOWER</b>
Ajax	9.0	820	similar
Whitby	8.9	900	<b>LOWER</b>
Oshawa	12.1	1,589	<b>HIGHER</b>
Clarington	9.8	711	similar
Scugog	10.1	225	similar
Uxbridge	6.7	138	<b>LOWER</b>
Brock	13.4	148	<b>HIGHER</b>
Durham Region	9.8	5,268	Similar to Ontario
Ontario	10.2	112,616	

### What You Need to Know

- A lower rate of CVD hospitalizations is better for health.
- The CVD hospitalization rate ranges by Health Neighbourhood from 4.5 to 20.6 per 1,000.
- Hospitalization rates for CVD are higher in south central Oshawa, and the Neighbourhoods of Downtown Whitby, South Bowmanville and Brock. Because not everyone with the disease is hospitalized, CVD hospitalizations may not necessarily correspond to how common the condition is but may also reflect how the disease is managed and treated in hospital. For example, the degree to which a heart procedure is done on an outpatient basis versus requiring hospitalization may vary by physician, area or over time. As well, patients in rural areas may be more likely to be admitted to hospital than those in urban areas with alternative services.

### Indicator Notes

- This indicator measures the number of hospital discharges for CVD among those aged 45-64 years, divided by the total population aged 45-64, multiplied by 1,000. CVD includes heart disease, stroke and hypertensive disease.
- Source: Hospital In-Patient Discharges, 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO & 2011 Census, Statistics Canada.
- CVD is defined as in-patient hospitalization separations with the "most responsible diagnosis" coded by the hospital as ICD10-CA code I00-I99. Separations are discharges, deaths or transfers from hospital. They are based on patient residence, not the location of the hospital. Records with postal codes that were missing or could not be coded to a Neighbourhood were excluded.
- Neighbourhoods were sorted by the CVD rate and divided into quintiles (five equal groupings) based on the total number of hospitalizations 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 hospitalization rates in Durham Region, see Health Services and Information at [durham.ca/healthstats](http://durham.ca/healthstats).

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

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