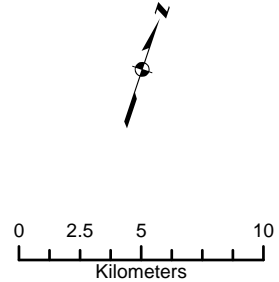
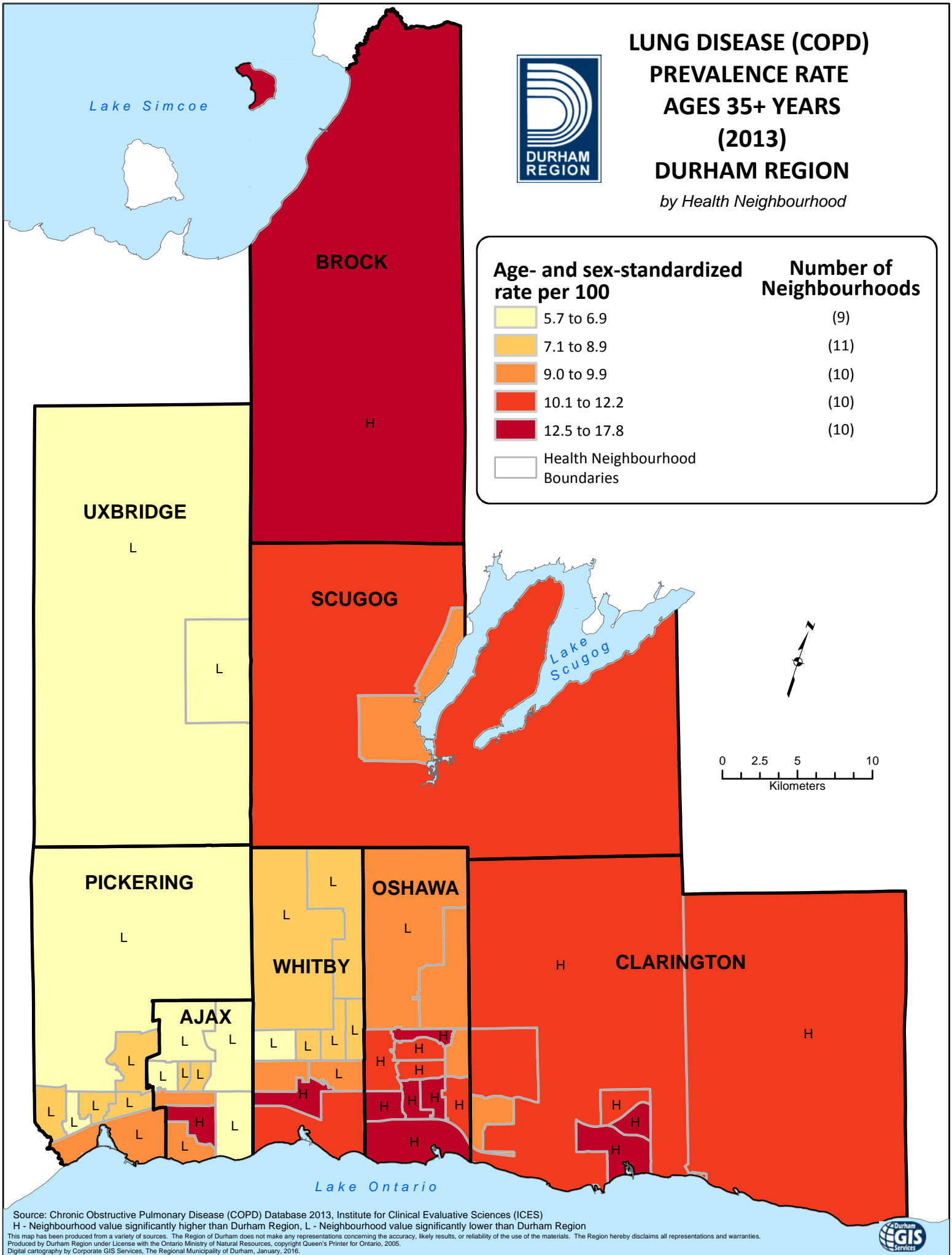




**LUNG DISEASE (COPD)
PREVALENCE RATE
AGES 35+ YEARS
(2013)
DURHAM REGION**
by Health Neighbourhood

Age- and sex-standardized rate per 100	Number of Neighbourhoods
5.7 to 6.9	(9)
7.1 to 8.9	(11)
9.0 to 9.9	(10)
10.1 to 12.2	(10)
12.5 to 17.8	(10)
Health Neighbourhood Boundaries	



Source: Chronic Obstructive Pulmonary Disease (COPD) Database 2013, Institute for Clinical Evaluative Sciences (ICES)
 H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region
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Lung Disease (COPD) Prevalence Rate, Ages 35+ Years (2013)

Table 1: Health Neighbourhoods Indicator Summary ↩ Lower is Better



	Age- and sex-standardized rate per 100	95% Confidence Interval	Number of People with COPD	Compared to Durham Rate		
				Lower	Similar	Higher
Pickering	7.9	7.7 - 8.2	4,537	↩		
Frenchman's Bay (P1)	9.4	8.9 - 10.0	1,167	↩		
West Rouge (P2)	7.1	6.5 - 7.8	525	↩		
Amberlee (P3)	6.5	5.8 - 7.2	382	↩		
Dunbarton (P4)	7.7	7.1 - 8.3	646	↩		
Pickering City Centre (P5)	8.9	8.3 - 9.5	986	↩		
Brock Ridge Pickering (P6)	7.1	6.4 - 7.9	409	↩		
Pickering North (P7)	6.7	6.1 - 7.5	422	↩		
Ajax	8.2	7.9 - 8.4	4,794	↩		
Ajax Waterfront (A1)	9.0	8.3 - 9.7	748	↩		
Downtown Ajax (A2)	12.8	12.0 - 13.6	1,067	↗		
Carruthers (A3)	6.8	6.0 - 7.6	383	↩		
Central Ajax (A4)	9.7	8.9 - 10.5	693			
Riverside-Hermitage (A5)	6.0	5.4 - 6.7	400	↩		
Westney Heights (A6)	7.7	6.8 - 8.6	335	↩		
Applecroft (A7)	7.5	6.7 - 8.3	416	↩		
Ajax Northwest (A8)	6.3	5.7 - 6.9	432	↩		
Ajax Northeast (A9)	5.9	5.2 - 6.7	320	↩		
Whitby	9.3	9.1 - 9.6	6,514	↩		
Whitby South (W1)	10.1	9.5 - 10.9	870			
Downtown Whitby (W2)	13.3	12.6 - 14.0	1,508	↗		
Cochrane South (W3)	9.7	8.9 - 10.6	567			
Manning (W4)	9.5	8.9 - 10.1	1,042	↩		
Williamsburg (W5)	6.2	5.4 - 7.2	218	↩		
Whitby Brock North (W6)	7.7	7.0 - 8.4	543	↩		
Dryden-Anderson (W7)	7.5	6.8 - 8.2	466	↩		
Dryden East (W8)	8.2	7.4 - 9.0	457	↩		
Brooklin East (W9)	8.1	7.3 - 8.9	399	↩		
Brooklin West (W10)	8.1	7.3 - 8.9	444	↩		
Oshawa	12.6	12.4 - 12.9	12,801	↗		
Lakeview (O1)	16.3	15.5 - 17.2	1,715	↗		
Gibb West (O2)	14.3	13.4 - 15.2	1,072	↗		
Downtown Oshawa (O3)	17.8	16.8 - 18.8	1,405	↗		
Central Park (O4)	13.9	13.1 - 14.8	1,146	↗		
Grandview South (O5)	11.5	10.8 - 12.3	980	↗		
Stevenson North (O6)	10.9	10.3 - 11.5	1,412	↗		
Hillsdale (O7)	12.2	11.4 - 13.0	1,040	↗		
Beatrice South (O8)	11.5	10.8 - 12.2	1,210	↗		
Grandview North (O9)	9.9	9.1 - 10.8	598			
Beatrice North (O10)	14.8	13.9 - 15.8	967	↗		
Oshawa Northwest (O11)	9.4	8.7 - 10.2	656	↩		
Oshawa Northeast (O12)	9.8	9.0 - 10.7	600			
Clarington	11.6	11.3 - 11.9	5,951	↗		
Courtice South (C1)	9.7	9.0 - 10.6	681			
Courtice North (C2)	10.2	9.4 - 11.1	630			
Bowmanville South (C3)	13.3	12.5 - 14.1	1,095	↗		
Bowmanville Central (C4)	13.7	12.7 - 14.7	755	↗		
Bowmanville North (C5)	12.2	11.3 - 13.3	609	↗		
Darlington (C6)	11.2	10.4 - 11.9	1,026	↗		
Clarke (C7)	11.4	10.7 - 12.1	1,155	↗		
Scugog	10.3	9.8 - 10.8	1,842			
Port Perry (S1)	9.9	9.2 - 10.6	895			
Rural Scugog (S2)	10.6	9.9 - 11.3	947			
Uxbridge	6.5	6.1 - 7.0	967	↩		
Urban Uxbridge (U1)	6.9	6.4 - 7.4	719	↩		
Rural Uxbridge (U2)	5.7	5.0 - 6.5	248	↩		
Brock						
Brock (B1)	12.5	11.8 - 13.3	1,268	↗		
Durham Region	10.1	10.0 - 10.2	38,674	Higher than Ontario		
Range	5.7 - 17.8		218 - 1,715			
Ontario	9.4	9.4 - 9.4	831,420			

Date of last revision: January 4, 2016

Source: Chronic Obstructive Pulmonary Disease (COPD) Database 2013, Institute for Clinical Evaluative Sciences (ICES)

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.

Lung Disease (COPD) Prevalence Rate, Ages 35+ (2013)

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

Order	Health Neighbourhood	Age- and sex-standardized rate per 100	Number of People with COPD	Compared with Durham Region (Lower is better)	Quintile
1	Rural Uxbridge (U2)	5.7	248	LOWER	1
2	Ajax Northeast (A9)	5.9	320	LOWER	1
3	Riverside-Hermitage (A5)	6.0	400	LOWER	1
4	Williamsburg (W5)	6.2	218	LOWER	1
5	Ajax Northwest (A8)	6.3	432	LOWER	1
6	Amberlee (P3)	6.5	382	LOWER	1
7	Pickering North (P7)	6.7	422	LOWER	1
8	Carruthers (A3)	6.8	383	LOWER	1
9	Urban Uxbridge (U1)	6.9	719	LOWER	1
10	Brock Ridge Pickering (P6)	7.1	409	LOWER	2
11	West Rouge (P2)	7.1	525	LOWER	2
12	Dryden-Anderson (W7)	7.5	466	LOWER	2
13	Applecroft (A7)	7.5	416	LOWER	2
14	Westney Heights (A6)	7.7	335	LOWER	2
15	Dunbarton (P4)	7.7	646	LOWER	2
16	Whitby Brock North (W6)	7.7	543	LOWER	2
17	Brooklin East (W9)	8.1	399	LOWER	2
18	Brooklin West (W10)	8.1	444	LOWER	2
19	Dryden East (W8)	8.2	457	LOWER	2
20	Pickering City Centre (P5)	8.9	986	LOWER	2
21	Ajax Waterfront (A1)	9.0	748	LOWER	3
22	Oshawa Northwest (O11)	9.4	656	LOWER	3
23	Frenchman's Bay (P1)	9.4	1,167	LOWER	3
24	Manning (W4)	9.5	1,042	LOWER	3
25	Central Ajax (A4)	9.7	693	similar	3
26	Cochrane South (W3)	9.7	567	similar	3
27	Courtice South (C1)	9.7	681	similar	3
28	Oshawa Northeast (O12)	9.8	600	similar	3
29	Grandview North (O9)	9.9	598	similar	3
30	Port Perry (S1)	9.9	895	similar	3
31	Whitby South (W1)	10.1	870	similar	4
32	Courtice North (C2)	10.2	630	similar	4
33	Rural Scugog (S2)	10.6	947	similar	4
34	Stevenson North (O6)	10.9	1,412	HIGHER	4
35	Darlington (C6)	11.2	1,026	HIGHER	4
36	Clarke (C7)	11.4	1,155	HIGHER	4
37	Beatrice South (O8)	11.5	1,210	HIGHER	4
38	Grandview South (O5)	11.5	980	HIGHER	4
39	Hillsdale (O7)	12.2	1,040	HIGHER	4
40	Bowmanville North (C5)	12.2	609	HIGHER	4
41	Brock (B1)	12.5	1,268	HIGHER	5
42	Downtown Ajax (A2)	12.8	1,067	HIGHER	5
43	Bowmanville South (C3)	13.3	1,095	HIGHER	5
44	Downtown Whitby (W2)	13.3	1,508	HIGHER	5
45	Bowmanville Central (C4)	13.7	755	HIGHER	5
46	Central Park (O4)	13.9	1,146	HIGHER	5
47	Gibb West (O2)	14.3	1,072	HIGHER	5
48	Beatrice North (O10)	14.8	967	HIGHER	5
49	Lakeview (O1)	16.3	1,715	HIGHER	5
50	Downtown Oshawa (O3)	17.8	1,405	HIGHER	5

Lung Disease (COPD) Prevalence Rate, ages 35+ years (2013)

Table 3: COPD prevalence rate for ages 35+ years by Durham Regional Municipality

Municipality	Standardized Rate per 100	Number of People with COPD	Compared to Durham Region (Lower is Better)
Pickering	7.9	4,537	LOWER
Ajax	8.2	4,794	LOWER
Whitby	9.3	6,514	LOWER
Oshawa	12.6	12,801	HIGHER
Clarington	11.6	5,951	HIGHER
Scugog	10.3	1,842	similar
Uxbridge	6.5	967	LOWER
Brock	12.5	1,268	HIGHER
Durham Region	10.1	38,674	Higher than Ontario
Ontario	9.4	831,420	

What You Need to Know

- A lower rate of COPD is better for health.
- The rate ranges by Health Neighbourhood from 5.7 to 17.8 per 100.
- Chronic Obstructive Pulmonary Disease (COPD) is a lung disease that includes chronic bronchitis and emphysema. In most cases, it is caused by smoking. Prevalence of COPD is highest in the municipalities of Oshawa, Brock and Clarington, in Priority Neighbourhoods, and in Bowmanville.

Indicator Notes

- This indicator measures the number of people aged 35+ years diagnosed with chronic obstructive pulmonary disease (COPD), per 100 people in that age group. The rate was age- and sex-standardized using the 1991 Canadian census population. Age standardization controls for different age structures of populations, allowing for better comparisons.
- Source: Chronic Obstructive Pulmonary Disease (COPD) Database 2013, Institute for Clinical Evaluative Sciences. ICES AHRQ Project 2016 0900 784 000.
- A patient is said to have COPD if, within a two year period, they had at least one Ontario Health Insurance Plan (OHIP) claim with a COPD diagnostic code or a hospital admission for COPD. The COPD Database identifies patients since 1991. For 2013 data, patients with a diagnosis on or before December 31, 2013 and who are alive as of this date are included. Prevalence counts those living with the disease at a point in time.
- Neighbourhoods were sorted by COPD prevalence 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.