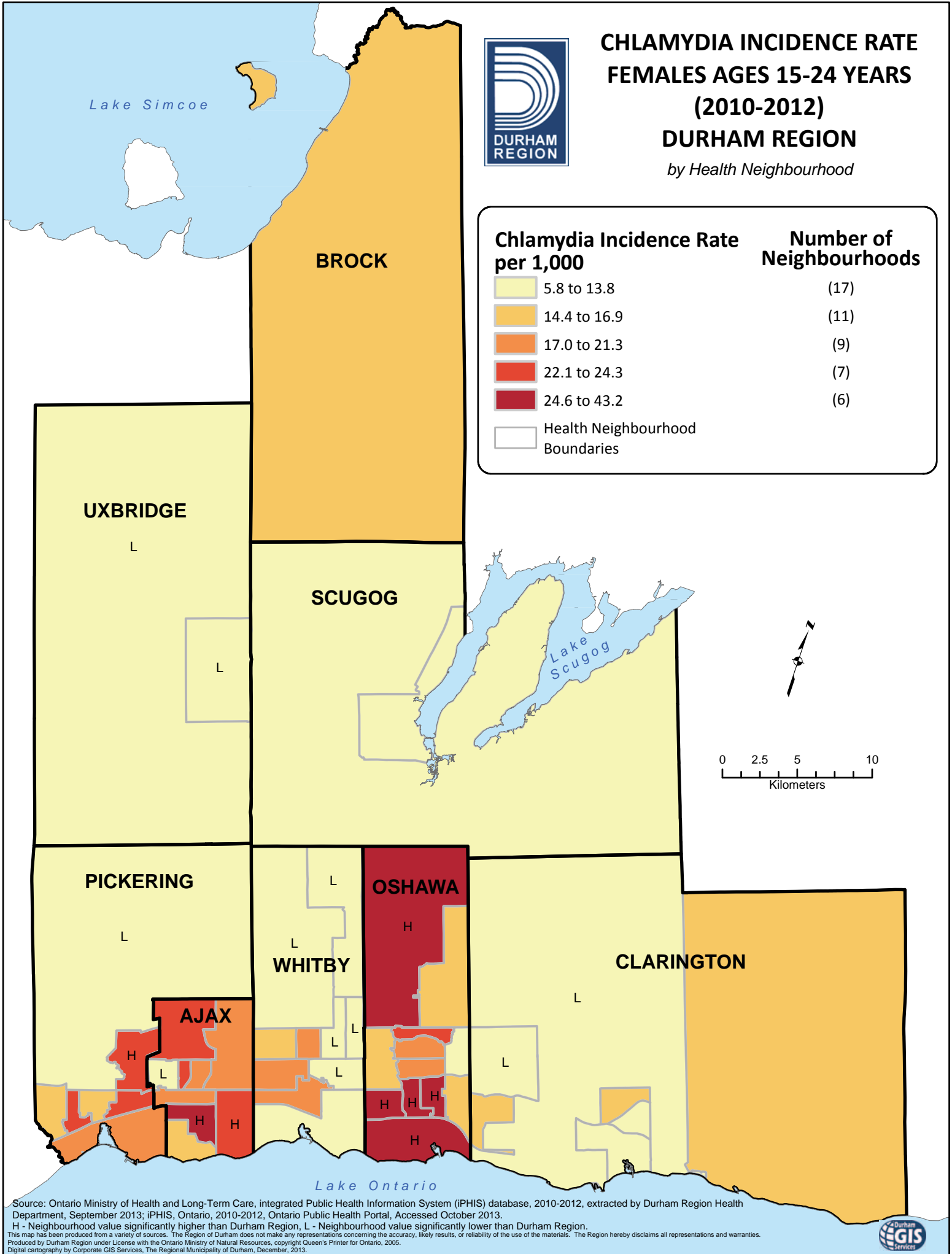




CHLAMYDIA INCIDENCE RATE FEMALES AGES 15-24 YEARS (2010-2012) DURHAM REGION

by Health Neighbourhood



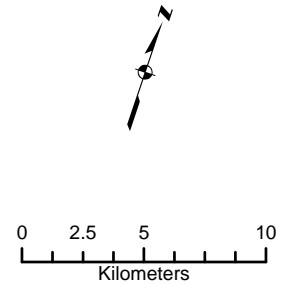
Chlamydia Incidence Rate per 1,000

- 5.8 to 13.8
- 14.4 to 16.9
- 17.0 to 21.3
- 22.1 to 24.3
- 24.6 to 43.2

Number of Neighbourhoods

- (17)
- (11)
- (9)
- (7)
- (6)

Health Neighbourhood Boundaries



Source: Ontario Ministry of Health and Long-Term Care, integrated Public Health Information System (iPHIS) database, 2010-2012, extracted by Durham Region Health Department, September 2013; iPHIS, Ontario, 2010-2012, Ontario Public Health Portal, Accessed October 2013.

H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region.

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Chlamydia Incidence Rate, Females Aged 15-24 Years (2010-2012)

Table 1: Health Neighbourhoods Indicator Summary



↩ Lower is Better

	Rate per 1,000	95% Confidence Interval	Total Number of Cases	Compared to Durham Rate		
				Lower	Similar	Higher
Pickering	18.6	16.8 - 20.6	366			
Frenchman's Bay (P1)	18.4	14.1 - 23.8	59			
West Rouge (P2)	16.9	12.7 - 22.5	49			
Amberlee (P3)	23.0	17.7 - 29.8	59			
Dunbarton (P4)	15.2	11.4 - 20.2	49			
Pickering City Centre (P5)	22.6	17.5 - 29.1	61			
Brock Ridge Pickering (P6)	24.3	18.7 - 31.5	58			↗
Pickering North (P7)	11.4	7.9 - 16.3	31	↩		
Ajax	19.6	17.9 - 21.4	477			
Ajax Waterfront (A1)	16.2	11.7 - 22.5	38			
Downtown Ajax (A2)	25.0	19.0 - 32.7	54			↗
Carruthers (A3)	24.2	18.7 - 31.3	60			↗
Central Ajax (A4)	17.7	13.3 - 23.5	50			
Riverside-Hermitage (A5)	11.8	8.7 - 15.9	44	↩		
Westney Heights (A6)	23.8	17.9 - 31.7	49			
Applecroft (A7)	18.8	14.4 - 24.4	58			
Ajax Northwest (A8)	22.3	17.7 - 28.1	73			
Ajax Northeast (A9)	21.3	16.0 - 28.1	51			
Whitby	13.2	11.8 - 14.7	334	↩		
Whitby South (W1)	12.9	8.9 - 18.5	31			
Downtown Whitby (W2)	20.9	16.3 - 26.6	67			
Cochrane South (W3)	17.4	12.4 - 24.3	36			
Manning (W4)	11.6	8.5 - 15.9	41	↩		
Williamsburg (W5)	14.7	9.8 - 22.0	25			
Whitby Brock North (W6)	18.0	13.4 - 24.0	48			
Dryden-Anderson (W7)	10.5	7.3 - 15.0	32	↩		
Dryden East (W8)	7.1	4.5 - 11.0	21	↩		
Brooklin East (W9)	8.7	5.1 - 14.7	15	↩		
Brooklin West (W10)	9.0	5.5 - 14.4	18	↩		
Oshawa	22.4	20.7 - 24.2	662			↗
Lakeview (O1)	28.8	23.9 - 34.6	114			↗
Gibb West (O2)	26.8	20.8 - 34.5	62			↗
Downtown Oshawa (O3)	43.2	35.1 - 52.9	92			↗
Central Park (O4)	24.6	18.4 - 32.8	48			↗
Grandview South (O5)	16.1	11.5 - 22.5	36			
Stevenson North (O6)	16.5	12.6 - 21.4	57			
Hillsdale (O7)	18.9	13.8 - 25.7	42			
Beatrice South (O8)	17.0	12.2 - 23.5	38			
Grandview North (O9)	13.5	9.4 - 19.4	31			
Beatrice North (O10)	22.1	16.7 - 29.0	53			
Oshawa Northwest (O11)	25.4	19.5 - 33.0	58			↗
Oshawa Northeast (O12)	14.9	10.3 - 21.3	31			
Clarington	12.9	11.3 - 14.7	223	↩		
Courtice South (C1)	14.4	10.8 - 19.2	48			
Courtice North (C2)	10.7	7.1 - 15.9	26	↩		
Bowmanville South (C3)	13.8	10.0 - 19.0	40			
Bowmanville Central (C4)	12.6	8.4 - 18.9	25			
Bowmanville North (C5)	14.4	9.7 - 21.0	28			
Darlington (C6)	5.8	3.0 - 11.1	10	↩		
Clarke (C7)	15.1	11.2 - 20.3	46			
Scugog	12.6	9.5 - 16.7	50			
Port Perry (S1)	11.4	7.1 - 18.1	19			
Rural Scugog (S2)	13.5	9.4 - 19.4	31			
Uxbridge	7.3	5.1 - 10.5	32	↩		
Urban Uxbridge (U1)	7.8	4.9 - 12.3	20	↩		
Rural Uxbridge (U2)	6.6	3.6 - 11.9	12	↩		
Brock						
Brock (B1)	15.4	10.7 - 22.1	31			
Durham Region	17.2	16.5 - 17.9	2,175	Similar to Ontario		
Range	5.8 - 43.2		10 - 114			
Ontario	17.7	17.5 - 17.8	44,584			

Source: Ontario Ministry of Health and Long-Term Care, integrated Public Health Information System (iPHIS) database, 2010-2012, extracted by Durham Region Health Department, September 2013, iPHIS, Ontario, 2010-2012, Ontario Public Health Portal, Accessed October 2013.
 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.

Chlamydia Incidence Rate, Females Aged 15-24 Years (2010-2012)

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

Order	Health Neighbourhoods	Rate per 1,000	Number of cases	Compared to Durham Region (Lower is Better)	Quintiles
1	Darlington (C6)	5.8	10	LOWER	1
2	Rural Uxbridge (U2)	6.6	12	LOWER	1
3	Dryden East (W8)	7.1	21	LOWER	1
4	Urban Uxbridge (U1)	7.8	20	LOWER	1
5	Brooklin East (W9)	8.7	15	LOWER	1
6	Brooklin West (W10)	9.0	18	LOWER	1
7	Dryden-Anderson (W7)	10.5	32	LOWER	1
8	Courtice North (C2)	10.7	26	LOWER	1
9	Pickering North (P7)	11.4	31	LOWER	1
10	Port Perry (S1)	11.4	19	similar	1
11	Manning (W4)	11.6	41	LOWER	1
12	Riverside-Hermitage (A5)	11.8	44	LOWER	1
13	Bowmanville Central (C4)	12.6	25	similar	1
14	Whitby South (W1)	12.9	31	similar	1
15	Grandview North (O9)	13.5	31	similar	1
16	Rural Scugog (S2)	13.5	31	similar	1
17	Bowmanville South (C3)	13.8	40	similar	1
18	Bowmanville North (C5)	14.4	28	similar	2
19	Courtice South (C1)	14.4	48	similar	2
20	Williamsburg (W5)	14.7	25	similar	2
21	Oshawa Northeast (O12)	14.9	31	similar	2
22	Clarke (C7)	15.1	46	similar	2
23	Dunbarton (P4)	15.2	49	similar	2
24	Brock (B1)	15.4	31	similar	2
25	Grandview South (O5)	16.1	36	similar	2
26	Ajax Waterfront (A1)	16.2	38	similar	2
27	Stevenson North (O6)	16.5	57	similar	2
28	West Rouge (P2)	16.9	49	similar	2
29	Beatrice South (O8)	17.0	38	similar	3
30	Cochrane South (W3)	17.4	36	similar	3
31	Central Ajax (A4)	17.7	50	similar	3
32	Whitby Brock North (W6)	18.0	48	similar	3
33	Frenchman's Bay (P1)	18.4	59	similar	3
34	Applecroft (A7)	18.8	58	similar	3
35	Hillsdale (O7)	18.9	42	similar	3
36	Downtown Whitby (W2)	20.9	67	similar	3
37	Ajax Northeast (A9)	21.3	51	similar	3
38	Beatrice North (O10)	22.1	53	similar	4
39	Ajax Northwest (A8)	22.3	73	similar	4
40	Pickering City Centre (P5)	22.6	61	similar	4
41	Amberlee (P3)	23.0	59	similar	4
42	Westney Heights (A6)	23.8	49	similar	4
43	Carruthers (A3)	24.2	60	HIGHER	4
44	Brock Ridge Pickering (P6)	24.3	58	HIGHER	4
45	Central Park (O4)	24.6	48	HIGHER	5
46	Downtown Ajax (A2)	25.0	54	HIGHER	5
47	Oshawa Northwest (O11)	25.4	58	HIGHER	5
48	Gibb West (O2)	26.8	62	HIGHER	5
49	Lakeview (O1)	28.8	114	HIGHER	5
50	Downtown Oshawa (O3)	43.2	92	HIGHER	5

Chlamydia Incidence Rate, Females Aged 15-24 Years (2010-2012)

Table 3: Chlamydia incidence rate in females ages 15-24 years by Durham Region Municipality

Municipality	Rate per 1,000	Total Number of Cases	Compared to Durham Region (Lower is Better)
Pickering	18.6	366	similar
Ajax	19.6	477	similar
Whitby	13.2	334	LOWER
Oshawa	22.4	662	HIGHER
Clarington	12.9	223	LOWER
Scugog	12.6	50	similar
Uxbridge	7.3	32	LOWER
Brock	15.4	31	similar
Durham Region	17.2	2,175	Similar to Ontario
Ontario	17.7	44,584	

What You Need to Know

- A lower rate of chlamydia incidence is better for health. A higher incidence rate may reflect a higher rate of infection but may also be an indication that more cases are being detected and treated.
- The chlamydia rate ranges by Health Neighbourhood from 5.8 to 43.2 per 1,000.
- Chlamydia rates are higher in south central Oshawa Neighbourhoods as well as certain Neighbourhoods in Pickering, Ajax and north Oshawa. Rates are generally lowest in rural areas.

Indicator Notes

- This indicator measures the number of cases of chlamydia in females ages 15-24 years divided by the number of females ages 15-24 in the population, multiplied by 1,000.
- Source: Ontario Ministry of Health and Long-Term Care, integrated Public Health Information System (iPHIS) database, 2010-2012, extracted by Durham Region Health Department, September 2013, iPHIS, Ontario, 2010-2012, Ontario Public Health Portal, Accessed October 2013.
- Chlamydia is a sexually transmitted infection. As a reportable infectious disease, physicians, hospitals and laboratories must report cases to the local Medical Officer of Health. Notification is usually through confirmed laboratory results. There is under-reporting of cases because an infected person with mild or no clinical symptoms may not seek medical care and/or laboratory testing may not be performed. Cases with postal codes that were missing or could not be coded to a Health Neighbourhood were excluded.
- Neighbourhoods were sorted into quintiles (five equal groupings) based on the total number of disease cases in that neighbourhood, i.e., quintiled by case count. This means that for Quintile 5, 20% of the chlamydia cases in Durham Region were in six 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 chlamydia rates in Durham Region, see Infectious Diseases 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.