



# LIVE BIRTH RATE (2011) DURHAM REGION

by Health Neighbourhood

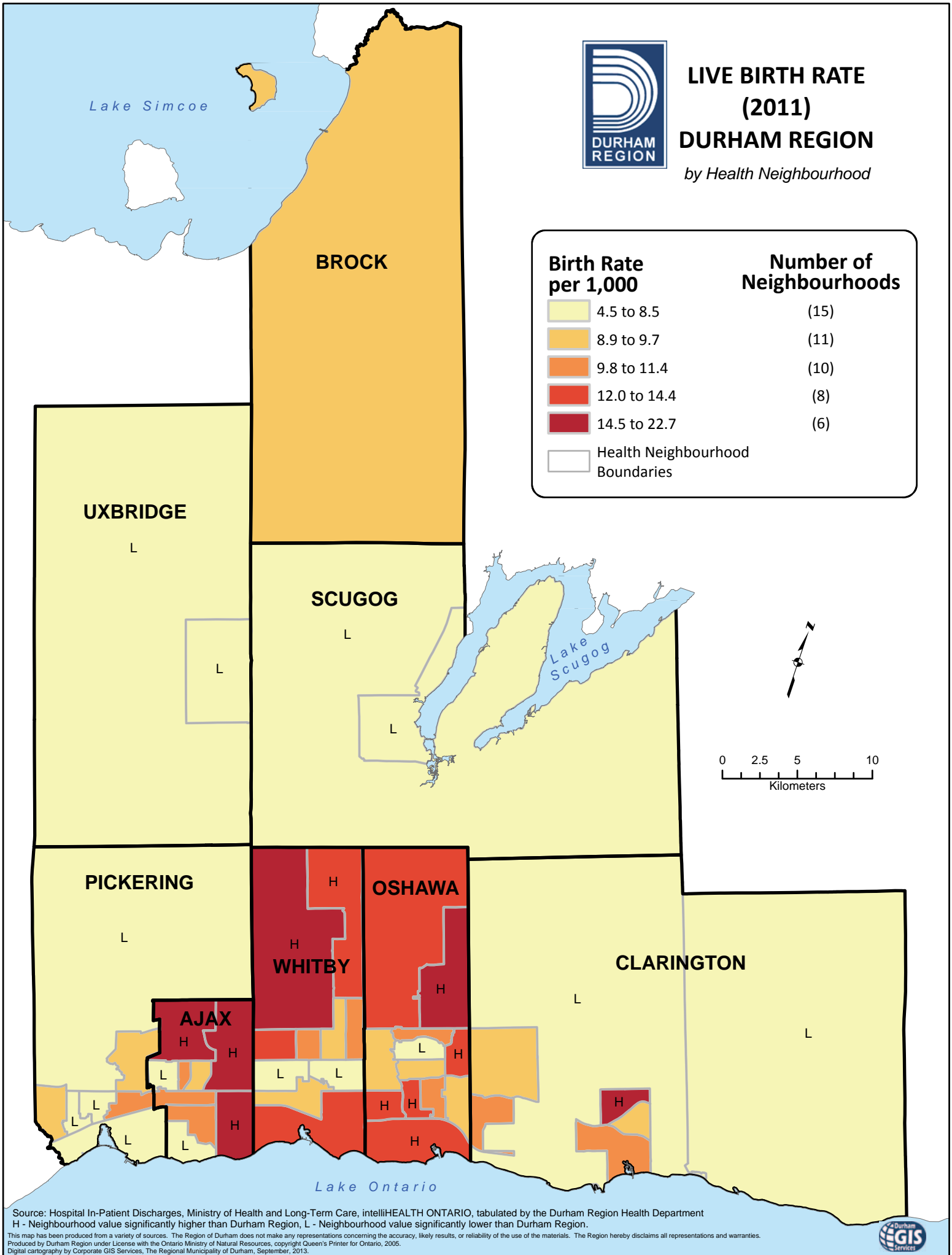
### Birth Rate per 1,000

- 4.5 to 8.5
- 8.9 to 9.7
- 9.8 to 11.4
- 12.0 to 14.4
- 14.5 to 22.7

### Number of Neighbourhoods

- (15)
- (11)
- (10)
- (8)
- (6)

Health Neighbourhood  
Boundaries



Source: Hospital In-Patient Discharges, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO, 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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## Live Birth Rate (2011)

### Table 1: Health Neighbourhoods Indicator Summary



	2011 Rate per 1,000	95% Confidence Interval	Number of 2010 Births	Number of 2011 Births	Number of 2012 Births	Compared to Durham Rate		
						Lower	Similar	Higher
<b>Pickering</b>	<b>8.7</b>	<b>8.1 - 9.3</b>	<b>761</b>	<b>769</b>	<b>749</b>	è		
Frenchman's Bay (P1)	8.5	7.2 - 10.0	112	143	126	è		
West Rouge (P2)	9.4	7.9 - 11.2	136	130	117			
Amberlee (P3)	8.1	6.5 - 10.1	81	81	76	è		
Dunbarton (P4)	7.8	6.4 - 9.5	109	107	103	è		
Pickering City Centre (P5)	10.0	8.4 - 11.8	147	141	135			
Brock Ridge Pickering (P6)	8.9	7.1 - 11.1	111	84	108			
Pickering North (P7)	7.7	6.2 - 9.6	65	83	84	è		
<b>Ajax</b>	<b>12.2</b>	<b>11.6 - 12.9</b>	<b>1,345</b>	<b>1,337</b>	<b>1,388</b>			é
Ajax Waterfront (A1)	6.3	4.9 - 7.9	93	71	64	è		
Downtown Ajax (A2)	9.8	8.1 - 11.8	105	113	123			
Caruthers (A3)	14.5	12.5 - 16.8	187	178	210			é
Central Ajax (A4)	10.4	8.6 - 12.4	104	119	110			
Riverside-Hermitage (A5)	6.9	5.6 - 8.5	78	90	86	è		
Westney Heights (A6)	9.8	7.8 - 12.2	98	82	91			
Applecroft (A7)	9.6	7.9 - 11.5	129	110	128			
Ajax Northwest (A8)	15.5	13.6 - 17.6	235	235	226			é
Ajax Northeast (A9)	22.7	20.4 - 25.2	316	339	350			é
<b>Whitby</b>	<b>10.6</b>	<b>10.1 - 11.2</b>	<b>1,367</b>	<b>1,298</b>	<b>1,310</b>			
Whitby South (W1)	12.0	10.2 - 14.0	185	164	190			
Downtown Whitby (W2)	8.9	7.5 - 10.5	140	140	144			
Cochrane South (W3)	6.5	5.0 - 8.4	80	59	55	è		
Manning (W4)	6.4	5.2 - 7.8	103	97	95	è		
Williamsburg (W5)	12.0	9.9 - 14.6	112	105	113			
Whitby Brock North (W6)	10.6	8.8 - 12.6	120	125	116			
Dryden-Anderson (W7)	9.2	7.5 - 11.2	125	102	104			
Dryden East (W8)	11.2	9.4 - 13.3	144	136	117			
Brooklin East (W9)	14.0	12.0 - 16.3	174	168	181			é
Brooklin West (W10)	16.4	14.3 - 18.8	184	202	195			é
<b>Oshawa</b>	<b>11.6</b>	<b>11.1 - 12.2</b>	<b>1,647</b>	<b>1,742</b>	<b>1,703</b>			é
Lakeview (O1)	13.5	11.9 - 15.3	251	240	244			é
Gibb West (O2)	13.0	11.1 - 15.3	140	152	135			é
Downtown Oshawa (O3)	13.5	11.5 - 15.9	138	147	127			é
Central Park (O4)	10.2	8.5 - 12.3	121	115	112			
Grandview South (O5)	9.0	7.4 - 11.0	92	103	97			
Stevenson North (O6)	9.0	7.7 - 10.6	135	151	132			
Hillsdale (O7)	9.1	7.5 - 11.1	86	104	112			
Beatrice South (O8)	7.2	5.8 - 8.8	104	92	99	è		
Grandview North (O9)	14.4	12.4 - 16.8	133	169	167			é
Beatrice North (O10)	11.4	9.4 - 13.7	131	116	125			
Oshawa Northwest (O11)	12.4	10.4 - 14.7	110	131	131			
Oshawa Northeast (O12)	17.0	14.9 - 19.4	206	222	222			é
<b>Clarington</b>	<b>10.6</b>	<b>9.9 - 11.3</b>	<b>857</b>	<b>892</b>	<b>915</b>			
Courtice South (C1)	10.8	9.3 - 12.6	142	164	181			
Courtice North (C2)	8.9	7.2 - 10.9	93	91	79			
Bowmanville South (C3)	10.5	8.9 - 12.3	163	150	177			
Bowmanville Central (C4)	9.7	7.8 - 11.9	83	90	104			
Bowmanville North (C5)	19.3	16.9 - 22.1	212	217	182			é
Darlington (C6)	6.4	4.9 - 8.3	51	59	64	è		
Clarke (C7)	8.1	6.8 - 9.7	113	121	128	è		
<b>Scugog</b>	<b>7.1</b>	<b>6.0 - 8.3</b>	<b>176</b>	<b>153</b>	<b>141</b>	è		
Port Perry (S1)	7.5	5.9 - 9.5	72	71	56	è		
Rural Scugog (S2)	6.8	5.4 - 8.4	104	82	85	è		
<b>Uxbridge</b>	<b>6.5</b>	<b>5.5 - 7.7</b>	<b>163</b>	<b>134</b>	<b>155</b>	è		
Urban Uxbridge (U1)	7.9	6.4 - 9.6	110	97	109	è		
Rural Uxbridge (U2)	4.5	3.2 - 6.2	53	37	46	è		
<b>Brock</b>								
Brock (B1)	9.3	7.6 - 11.3	128	105	114			
<b>Durham Region</b>	<b>10.6</b>	<b>10.3 - 10.8</b>	<b>6,444</b>	<b>6,430</b>	<b>6,475</b>	Similar to Ontario		
<b>Range</b>	<b>4.5 - 22.7</b>		<b>51 - 316</b>	<b>37 - 339</b>	<b>46 - 350</b>			
<b>Ontario</b>	<b>10.8</b>	<b>10.7 - 10.8</b>	<b>136,616</b>	<b>138,344</b>	<b>139,138</b>			

Source: Hospital In-Patient Discharges 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO, tabulated by Durham Region Health Department & 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.

## Live Birth Rate (2011)

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

Order	Health Neighbourhoods	2011 Rate per 1,000	Number of 2011 Births	Compared to Durham Region (Higher is Better)	Quintiles
1	Rural Uxbridge (U2)	4.5	37	LOWER	1
2	Ajax Waterfront (A1)	6.3	71	LOWER	1
3	Manning (W4)	6.4	97	LOWER	1
4	Darlington (C6)	6.4	59	LOWER	1
5	Cochrane South (W3)	6.5	59	LOWER	1
6	Rural Scugog (S2)	6.8	82	LOWER	1
7	Riverside-Hermitage (A5)	6.9	90	LOWER	1
8	Beatrice South (O8)	7.2	92	LOWER	1
9	Port Perry (S1)	7.5	71	LOWER	1
10	Pickering North (P7)	7.7	83	LOWER	1
11	Dunbarton (P4)	7.8	107	LOWER	1
12	Urban Uxbridge (U1)	7.9	97	LOWER	1
13	Clarke (C7)	8.1	121	LOWER	1
14	Amberlee (P3)	8.1	81	LOWER	1
15	Frenchman's Bay (P1)	8.5	143	LOWER	1
16	Courtice North (C2)	8.9	91	similar	2
17	Downtown Whitby (W2)	8.9	140	similar	2
18	Brock Ridge Pickering (P6)	8.9	84	similar	2
19	Stevenson North (O6)	9.0	151	similar	2
20	Grandview South (O5)	9.0	103	similar	2
21	Hillsdale (O7)	9.1	104	similar	2
22	Dryden-Anderson (W7)	9.2	102	similar	2
23	Brock (B1)	9.3	105	similar	2
24	West Rouge (P2)	9.4	130	similar	2
25	Applecroft (A7)	9.6	110	similar	2
26	Bowmanville Central (C4)	9.7	90	similar	2
27	Westney Heights (A6)	9.8	82	similar	3
28	Downtown Ajax (A2)	9.8	113	similar	3
29	Pickering City Centre (P5)	10.0	141	similar	3
30	Central Park (O4)	10.2	115	similar	3
31	Central Ajax (A4)	10.4	119	similar	3
32	Bowmanville South (C3)	10.5	150	similar	3
33	Whitby Brock North (W6)	10.6	125	similar	3
34	Courtice South (C1)	10.8	164	similar	3
35	Dryden East (W8)	11.2	136	similar	3
36	Beatrice North (O10)	11.4	116	similar	3
37	Whitby South (W1)	12.0	164	similar	4
38	Williamsburg (W5)	12.0	105	similar	4
39	Oshawa Northwest (O11)	12.4	131	similar	4
40	Gibb West (O2)	13.0	152	HIGHER	4
41	Lakeview (O1)	13.5	240	HIGHER	4
42	Downtown Oshawa (O3)	13.5	147	HIGHER	4
43	Brooklin East (W9)	14.0	168	HIGHER	4
44	Grandview North (O9)	14.4	169	HIGHER	4
45	Carruthers (A3)	14.5	178	HIGHER	5
46	Ajax Northwest (A8)	15.5	235	HIGHER	5
47	Brooklin West (W10)	16.4	202	HIGHER	5
48	Oshawa Northeast (O12)	17.0	222	HIGHER	5
49	Bowmanville North (C5)	19.3	217	HIGHER	5
50	Ajax Northeast (A9)	22.7	339	HIGHER	5

## Live Birth Rate (2011)

Table 3: Live birth rate and number of births by Durham Region Municipality

Municipality	2011 Rate per 1,000	Number of 2011 Births	Compared to Durham Region
Pickering	8.7	769	<b>LOWER</b>
Ajax	12.2	1,337	<b>HIGHER</b>
Whitby	10.6	1,298	similar
Oshawa	11.6	1,742	<b>HIGHER</b>
Clarington	10.6	892	similar
Scugog	7.1	153	<b>LOWER</b>
Uxbridge	6.5	134	<b>LOWER</b>
Brock	9.3	105	similar
Durham Region	10.6	6,430	Similar to Ontario
Ontario	10.8	138,344	

### What You Need to Know

- The live birth rate ranged by Health Neighbourhood from 4.5 to 22.7 per 1,000.
- Birth rates are highest in Neighbourhoods in northern and east Ajax, northern Whitby, northeast Oshawa, and northern Bowmanville. These areas have new housing developments that attract young families.

### Indicator Notes

- The live birth rate, or crude birth rate, is the number of live births in hospital (based on mother's place of residence, not where the birth occurred) divided by the total population, multiplied by 1,000.
- Source: Hospital In-Patient Discharges 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO & 2011 Census, Statistics Canada.
- The number of births and population size were based on 2011 hospitalization and 2011 Census data respectively. We excluded births with postal codes that were missing or could not be coded to a Neighbourhood. Population counts from the 2011 Census differed from the Statistics Canada 2011 estimates that are commonly used by the Health Department, which are adjusted for undercounts. As a result, counts and rates for Durham Region and the municipalities may vary from those presented in other Health Department reports.
- Neighbourhoods were sorted into quintiles (five equal groupings) based on the total number of births in the Neighbourhood, i.e., quintiled by births. This means that for Quintile 5, 20% of the births in Durham Region occurred 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.

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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.