

Change in Large-for-Gestational Age (LGA) rate Durham Region (Comparison of 2010-2012 and 2013-2015)

by Health Neighbourhood

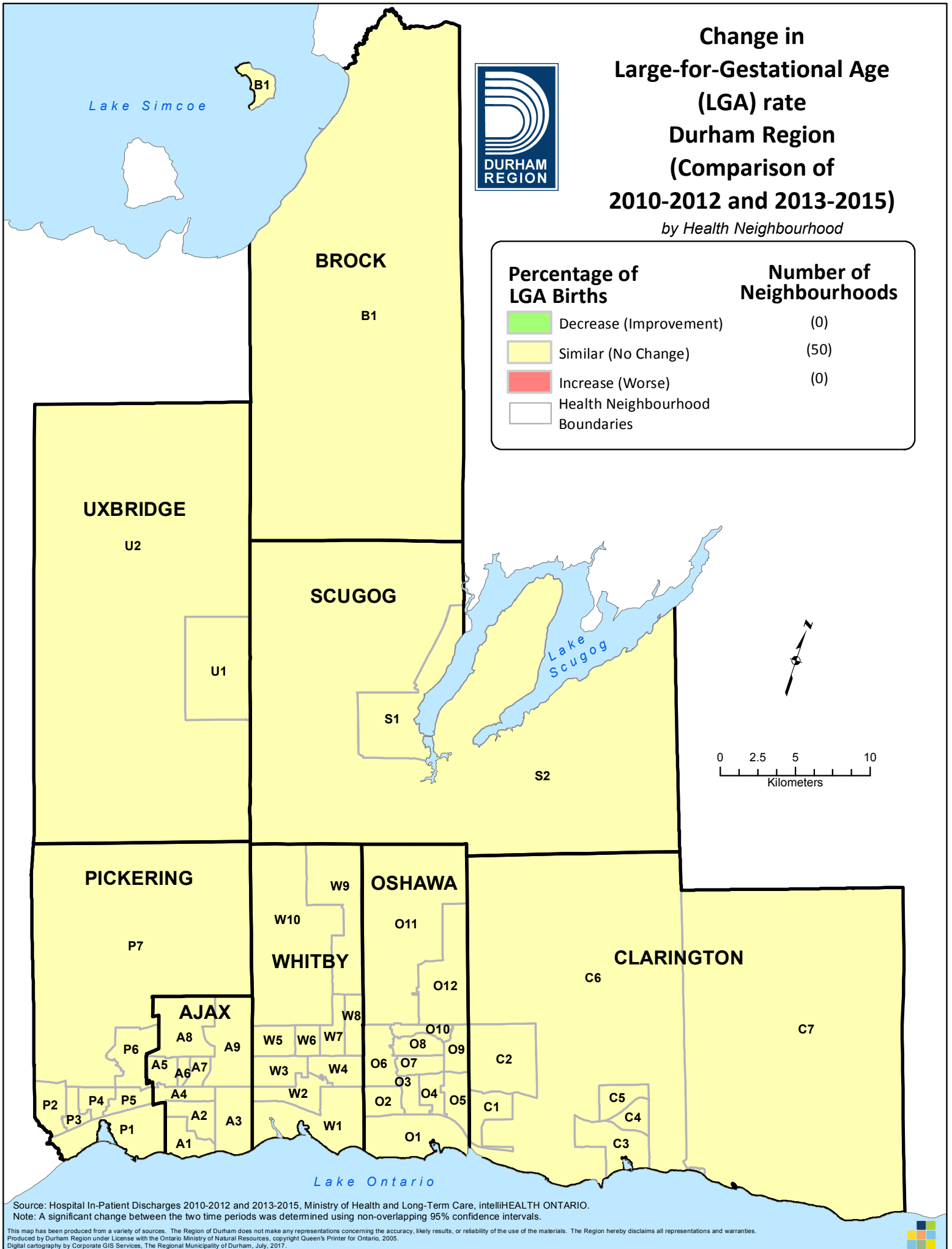


Percentage of LGA Births

- Decrease (Improvement)
- Similar (No Change)
- Increase (Worse)
- Health Neighbourhood Boundaries

Number of Neighbourhoods

- (0)
- (50)
- (0)



Source: Hospital In-Patient Discharges 2010-2012 and 2013-2015, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO.
 Note: A significant change between the two time periods was determined using non-overlapping 95% confidence intervals.

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Large-for-gestational age (LGA) rate

Table 1: List of Health Neighbourhoods ranked from highest decrease to highest increase

Health Neighbourhoods	2010-12 Percentage	2013-15 Percentage	Difference (Lower is Better)	Comparison Over Time
Grandview South (O5)	13.5%	8.2%	-5.3%	similar
Stevenson North (O6)	17.5%	12.6%	-5.0%	similar
Amberlee (P3)	9.5%	4.9%	-4.6%	similar
Bowmanville Central (C4)	15.7%	11.2%	-4.6%	similar
Brock Ridge Pickering (P6)	9.9%	6.0%	-4.0%	similar
Manning (W4)	15.1%	11.2%	-3.9%	similar
Darlington (C6)	15.1%	11.4%	-3.7%	similar
Bowmanville South (C3)	16.6%	13.9%	-2.7%	similar
Oshawa Northwest (O11)	15.4%	12.7%	-2.7%	similar
Dryden-Anderson (W7)	14.5%	12.0%	-2.5%	similar
Frenchman's Bay (P1)	13.4%	11.0%	-2.4%	similar
Ajax Northwest (A8)	8.7%	6.4%	-2.2%	similar
Ajax Northeast (A9)	8.9%	6.8%	-2.1%	similar
Westney Heights (A6)	9.5%	7.8%	-1.8%	similar
Urban Uxbridge (U1)	10.9%	9.3%	-1.7%	similar
Williamsburg (W5)	11.0%	9.6%	-1.4%	similar
Clarke (C7)	15.0%	13.7%	-1.3%	similar
Hillsdale (O7)	15.4%	14.5%	-0.9%	similar
Courtice North (C2)	15.0%	14.3%	-0.8%	similar
Beatrice North (O10)	13.2%	12.7%	-0.5%	similar
Cochrane South (W3)	11.4%	10.9%	-0.5%	similar
Dunbarton (P4)	10.3%	9.9%	-0.4%	similar
Courtice South (C1)	14.6%	14.3%	-0.3%	similar
West Rouge (P2)	6.8%	6.6%	-0.2%	similar
Central Ajax (A4)	10.7%	10.5%	-0.2%	similar
Beatrice South (O8)	11.9%	11.9%	-0.1%	similar
Brooklin West (W10)	13.6%	13.6%	0.0%	similar
Downtown Oshawa (O3)	9.3%	9.6%	0.3%	similar
Port Perry (S1)	14.1%	14.5%	0.3%	similar
Whitby South (W1)	11.1%	11.9%	0.8%	similar
Bowmanville North (C5)	14.6%	15.5%	0.9%	similar
Ajax Waterfront (A1)	9.9%	10.9%	1.0%	similar
Downtown Whitby (W2)	8.7%	9.8%	1.1%	similar
Riverside-Hermitage (A5)	6.1%	7.5%	1.3%	similar
Downtown Ajax (A2)	11.0%	12.4%	1.4%	similar
Pickering City Centre (P5)	8.8%	10.3%	1.5%	similar
Grandview North (O9)	15.2%	17.0%	1.8%	similar
Carruthers (A3)	9.3%	11.2%	1.8%	similar
Lakeview (O1)	10.9%	12.8%	1.9%	similar
Brooklin East (W9)	13.7%	15.6%	1.9%	similar
Whitby Brock North (W6)	9.1%	11.1%	2.0%	similar
Central Park (O4)	10.0%	12.3%	2.3%	similar
Dryden East (W8)	11.2%	14.2%	3.0%	similar
Rural Uxbridge (U2)	9.2%	12.3%	3.1%	similar
Oshawa Northeast (O12)	10.5%	13.6%	3.1%	similar
Brock (B1)	12.6%	16.3%	3.6%	similar
Pickering North (P7)	8.5%	12.4%	3.9%	similar
Applecroft (A7)	7.5%	11.8%	4.3%	similar
Rural Scugog (S2)	11.8%	16.2%	4.4%	similar
Gibb West (O2)	10.6%	16.6%	6.0%	similar

Large-for-gestational age (LGA) rate

Table 2: Comparison of 2010-2012 and 2013-2015

(Lower rates and decreases are better for health)

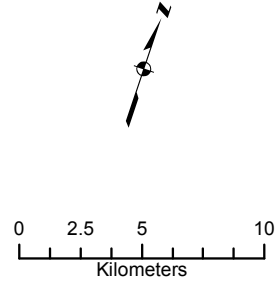
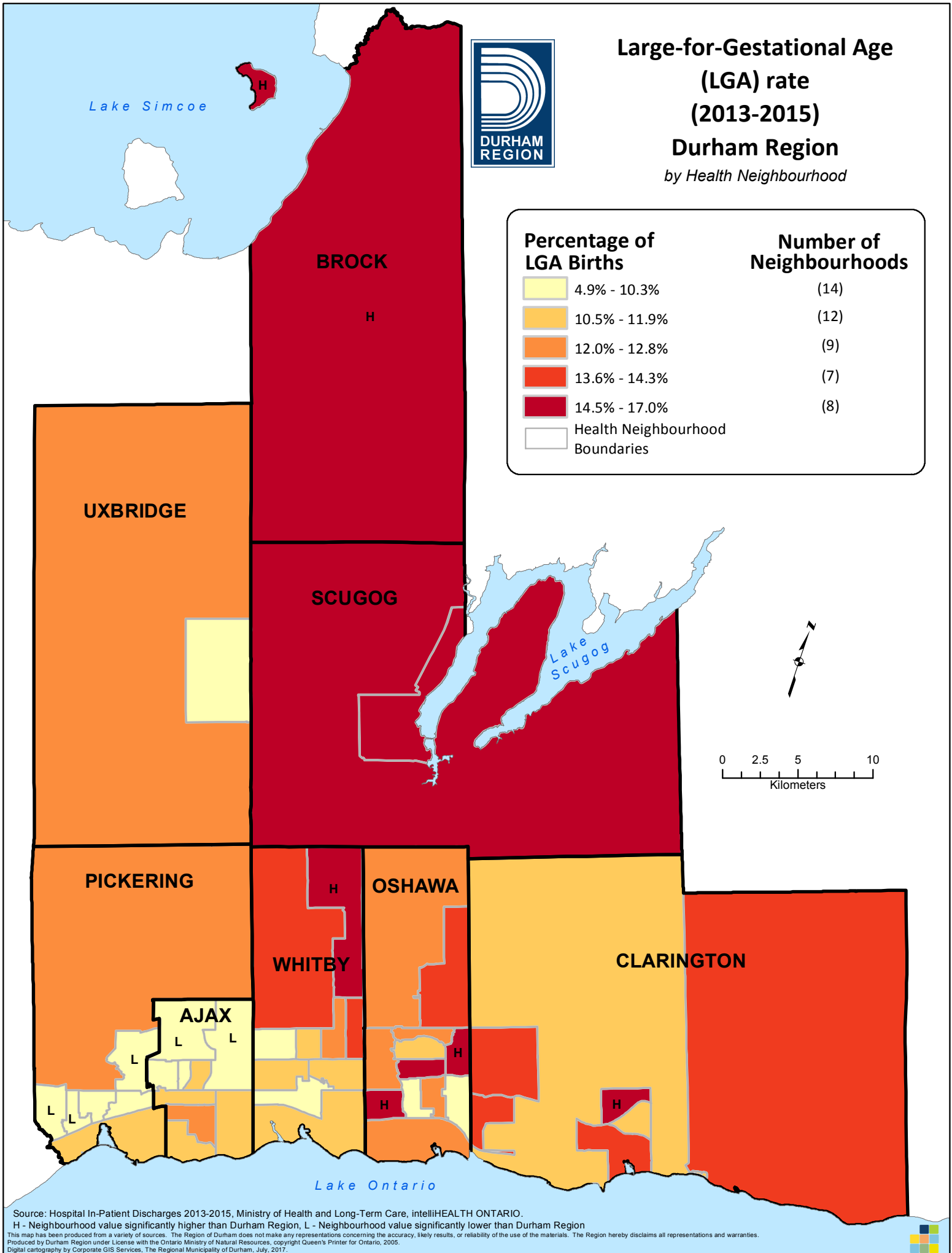
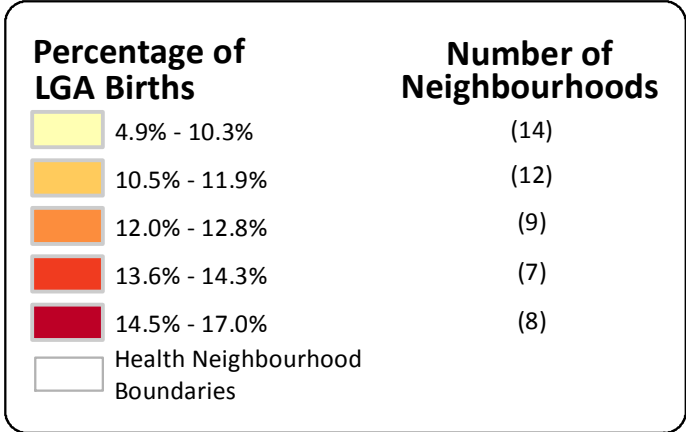
Municipality or Neighbourhood	2010-12 Percentage	Compared with Durham Region	2010-12 Number of LGA Births	2013-15 Percentage	Compared with Durham Region	2013-15 Number of LGA Births	Change over time	Comparison over time
Pickering	9.7%	LOWER	212	8.7%	LOWER	206	-1%	similar
Frenchman's Bay (P1)	13.4%	similar	49	11.0%	similar	49	-2%	similar
West Rouge (P2)	6.8%	LOWER	25	6.6%	LOWER	25	0%	similar
Amberlee (P3)	9.5%	similar	22	4.9%	LOWER	11	-5%	similar
Dunbarton (P4)	10.3%	similar	32	9.9%	similar	30	0%	similar
Pickering City Centre (P5)	8.8%	similar	36	10.3%	similar	37	1%	similar
Brock Ridge Pickering (P6)	9.9%	similar	29	6.0%	LOWER	27	-4%	similar
Pickering North (P7)	8.5%	similar	19	12.4%	similar	27	4%	similar
Ajax	9.0%	LOWER	356	8.9%	LOWER	344	0%	similar
Ajax Waterfront (A1)	9.9%	similar	22	10.9%	similar	23	1%	similar
Downtown Ajax (A2)	11.0%	similar	37	12.4%	similar	41	1%	similar
Carruthers (A3)	9.3%	similar	51	11.2%	similar	57	2%	similar
Central Ajax (A4)	10.7%	similar	35	10.5%	similar	33	0%	similar
Riverside-Hermitage (A5)	6.1%	LOWER	15	7.5%	similar	19	1%	similar
Westney Heights (A6)	9.5%	similar	25	7.8%	similar	19	-2%	similar
Applecroft (A7)	7.5%	LOWER	27	11.8%	similar	45	4%	similar
Ajax Northwest (A8)	8.7%	LOWER	58	6.4%	LOWER	37	-2%	similar
Ajax Northeast (A9)	8.9%	LOWER	86	6.8%	LOWER	70	-2%	similar
Whitby	12.0%	similar	458	12.2%	similar	441	0%	similar
Whitby South (W1)	11.1%	similar	58	11.9%	similar	60	1%	similar
Downtown Whitby (W2)	8.7%	similar	35	9.8%	similar	43	1%	similar
Cochrane South (W3)	11.4%	similar	21	10.9%	similar	24	0%	similar
Manning (W4)	15.1%	similar	43	11.2%	similar	37	-4%	similar
Williamsburg (W5)	11.0%	similar	35	9.6%	similar	25	-1%	similar
Whitby Brock North (W6)	9.1%	similar	31	11.1%	similar	33	2%	similar
Dryden-Anderson (W7)	14.5%	similar	46	12.0%	similar	36	-3%	similar
Dryden East (W8)	11.2%	similar	43	14.2%	similar	47	3%	similar
Brooklin East (W9)	13.7%	similar	70	15.6%	HIGHER	66	2%	similar
Brooklin West (W10)	13.6%	similar	76	13.6%	similar	70	0%	similar
Oshawa	12.6%	similar	615	12.9%	similar	631	0%	similar
Lakeview (O1)	10.9%	similar	77	12.8%	similar	82	2%	similar
Gibb West (O2)	10.6%	similar	43	16.6%	HIGHER	57	6%	similar
Downtown Oshawa (O3)	9.3%	similar	37	9.6%	similar	34	0%	similar
Central Park (O4)	10.0%	similar	34	12.3%	similar	42	2%	similar
Grandview South (O5)	13.5%	similar	39	8.2%	similar	29	-5%	similar
Stevenson North (O6)	17.5%	HIGHER	71	12.6%	similar	54	-5%	similar
Hillsdale (O7)	15.4%	similar	45	14.5%	similar	44	-1%	similar
Beatrice South (O8)	11.9%	similar	34	11.9%	similar	32	0%	similar
Grandview North (O9)	15.2%	similar	69	17.0%	HIGHER	66	2%	similar
Beatrice North (O10)	13.2%	similar	47	12.7%	similar	46	0%	similar
Oshawa Northwest (O11)	15.4%	similar	54	12.7%	similar	50	-3%	similar
Oshawa Northeast (O12)	10.5%	similar	65	13.6%	similar	95	3%	similar
Clarington	15.2%	HIGHER	388	13.9%	HIGHER	390	-1%	similar
Courtice South (C1)	14.6%	similar	69	14.3%	similar	83	0%	similar
Courtice North (C2)	15.0%	similar	37	14.3%	similar	36	-1%	similar
Bowmanville South (C3)	16.6%	HIGHER	79	13.9%	similar	69	-3%	similar
Bowmanville Central (C4)	15.7%	similar	42	11.2%	similar	30	-5%	similar
Bowmanville North (C5)	14.6%	similar	86	15.5%	HIGHER	97	1%	similar
Darlington (C6)	15.1%	similar	24	11.4%	similar	24	-4%	similar
Clarke (C7)	15.0%	similar	51	13.7%	similar	51	-1%	similar
Scugog	12.8%	similar	57	15.5%	HIGHER	68	3%	similar
Port Perry (S1)	14.1%	similar	26	14.5%	similar	25	0%	similar
Rural Scugog (S2)	11.8%	similar	31	16.2%	similar	43	4%	similar
Uxbridge	10.4%	similar	45	10.1%	similar	43	0%	similar
Urban Uxbridge (U1)	10.9%	similar	33	9.3%	similar	28	-2%	similar
Rural Uxbridge (U2)	9.2%	similar	12	12.3%	similar	15	3%	similar
Brock - Brock (B1)	12.6%	similar	43	16.3%	HIGHER	49	4%	similar
Durham Region	11.7%	HIGHER	2,174	11.6%	HIGHER	2,172	0%	similar
Range	6.1% to 17.5%	--	12 - 86	4.9% to 17.0%	--	11 - 97	-5% to 6%	--
Ontario	10.3%	--	41,120	10.1%	--	39,600	0%	similar

Note: Durham Region rate is compared to Ontario (ON).



Large-for-Gestational Age (LGA) rate (2013-2015)

Durham Region
by Health Neighbourhood



Source: Hospital In-Patient Discharges 2013-2015, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO.
 H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region.
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Large-for-gestational age (LGA) rate (2013-2015)

Table 3: List of Health Neighbourhoods ranked from lowest to highest

Order	Neighbourhood	Percentage	Number of LGA Births	Compared with Durham Region (Lower is Better)	Quintile
1	Amberlee (P3)	4.9%	11	LOWER	1
2	Brock Ridge Pickering (P6)	6.0%	27	LOWER	1
3	Ajax Northwest (A8)	6.4%	37	LOWER	1
4	West Rouge (P2)	6.6%	25	LOWER	1
5	Ajax Northeast (A9)	6.8%	70	LOWER	1
6	Riverside-Hermitage (A5)	7.5%	19	similar	1
7	Westney Heights (A6)	7.8%	19	similar	1
8	Grandview South (O5)	8.2%	29	similar	1
9	Urban Uxbridge (U1)	9.3%	28	similar	1
10	Williamsburg (W5)	9.6%	25	similar	1
11	Downtown Oshawa (O3)	9.6%	34	similar	1
12	Downtown Whitby (W2)	9.8%	43	similar	1
13	Dunbarton (P4)	9.9%	30	similar	1
14	Pickering City Centre (P5)	10.3%	37	similar	1
15	Central Ajax (A4)	10.5%	33	similar	2
16	Cochrane South (W3)	10.9%	24	similar	2
17	Ajax Waterfront (A1)	10.9%	23	similar	2
18	Frenchman's Bay (P1)	11.0%	49	similar	2
19	Whitby Brock North (W6)	11.1%	33	similar	2
20	Bowmanville Central (C4)	11.2%	30	similar	2
21	Carruthers (A3)	11.2%	57	similar	2
22	Manning (W4)	11.2%	37	similar	2
23	Darlington (C6)	11.4%	24	similar	2
24	Applecroft (A7)	11.8%	45	similar	2
25	Beatrice South (O8)	11.9%	32	similar	2
26	Whitby South (W1)	11.9%	60	similar	2
27	Dryden-Anderson (W7)	12.0%	36	similar	3
28	Rural Uxbridge (U2)	12.3%	15	similar	3
29	Central Park (O4)	12.3%	42	similar	3
30	Pickering North (P7)	12.4%	27	similar	3
31	Downtown Ajax (A2)	12.4%	41	similar	3
32	Stevenson North (O6)	12.6%	54	similar	3
33	Beatrice North (O10)	12.7%	46	similar	3
34	Oshawa Northwest (O11)	12.7%	50	similar	3
35	Lakeview (O1)	12.8%	82	similar	3
36	Brooklin West (W10)	13.6%	70	similar	4
37	Oshawa Northeast (O12)	13.6%	95	similar	4
38	Clarke (C7)	13.7%	51	similar	4
39	Bowmanville South (C3)	13.9%	69	similar	4
40	Dryden East (W8)	14.2%	47	similar	4
41	Courtice North (C2)	14.3%	36	similar	4
42	Courtice South (C1)	14.3%	83	similar	4
43	Port Perry (S1)	14.5%	25	similar	5
44	Hillsdale (O7)	14.5%	44	similar	5
45	Bowmanville North (C5)	15.5%	97	HIGHER	5
46	Brooklin East (W9)	15.6%	66	HIGHER	5
47	Rural Scugog (S2)	16.2%	43	similar	5
48	Brock (B1)	16.3%	49	HIGHER	5
49	Gibb West (O2)	16.6%	57	HIGHER	5
50	Grandview North (O9)	17.0%	66	HIGHER	5



Large-for-Gestational Age (LGA) rate (2010 - 2012) Durham Region

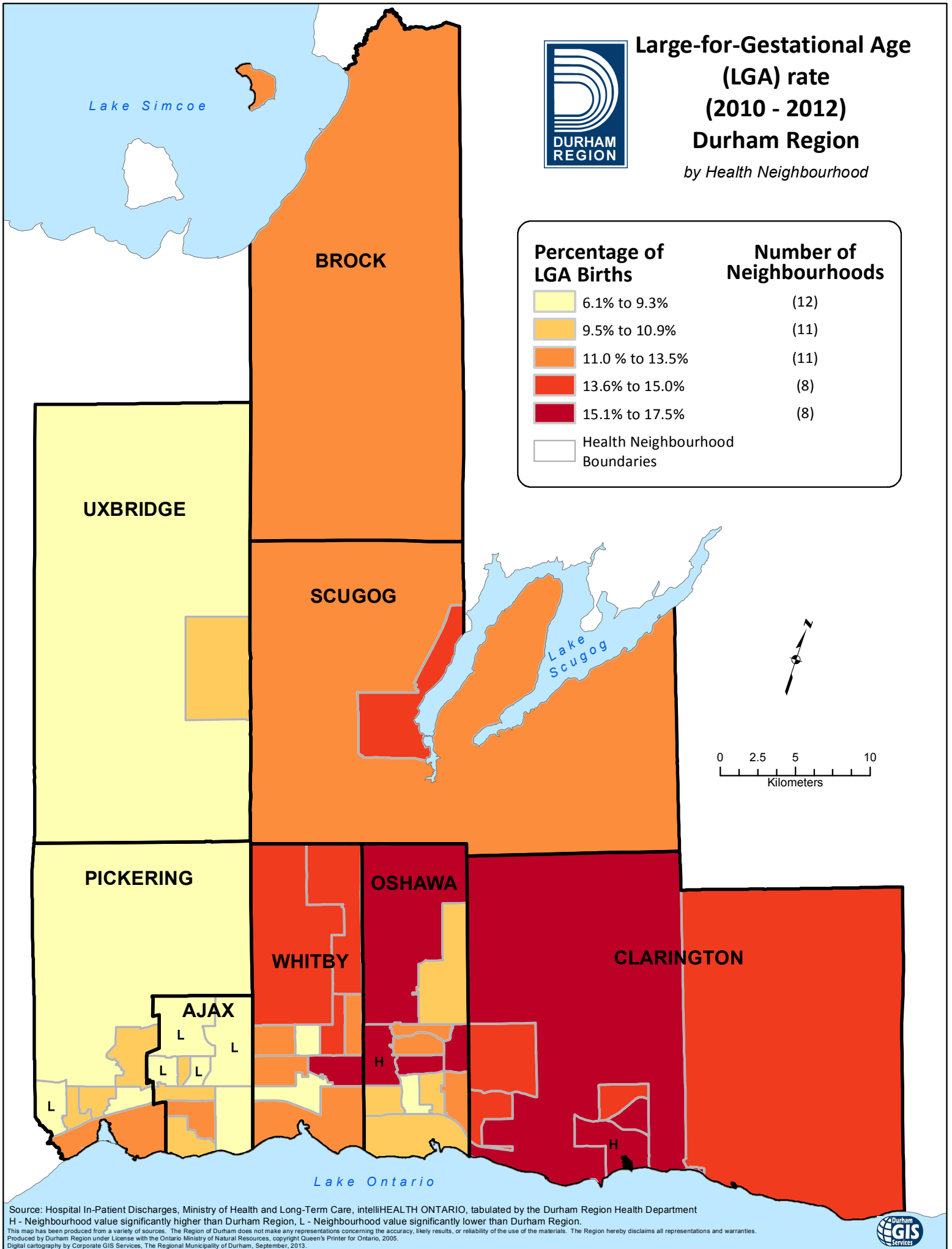
by Health Neighbourhood

Percentage of LGA Births

Number of Neighbourhoods

	6.1% to 9.3%	(12)
	9.5% to 10.9%	(11)
	11.0% to 13.5%	(11)
	13.6% to 15.0%	(8)
	15.1% to 17.5%	(8)

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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Large-for-gestational age (LGA) rate (2010-2012)

Table 4: List of Health Neighbourhoods ranked from lowest to highest

Order	Neighbourhood	Percentage	Number of LGA Births	Compared with Durham Region (Lower is Better)	Quintile
1	Riverside-Hermitage (A5)	6.1%	15	LOWER	1
2	West Rouge (P2)	6.8%	25	LOWER	1
3	Applecroft (A7)	7.5%	27	LOWER	1
4	Pickering North (P7)	8.5%	19	similar	1
5	Ajax Northwest (A8)	8.7%	58	LOWER	1
6	Downtown Whitby (W2)	8.7%	35	similar	1
7	Pickering City Centre (P5)	8.8%	36	similar	1
8	Ajax Northeast (A9)	8.9%	86	LOWER	1
9	Whitby Brock North (W6)	9.1%	31	similar	1
10	Rural Uxbridge (U2)	9.2%	12	similar	1
11	Downtown Oshawa (O3)	9.3%	37	similar	1
12	Carruthers (A3)	9.3%	51	similar	1
13	Westney Heights (A6)	9.5%	25	similar	2
14	Amberlee (P3)	9.5%	22	similar	2
15	Ajax Waterfront (A1)	9.9%	22	similar	2
16	Brock Ridge Pickering (P6)	9.9%	29	similar	2
17	Central Park (O4)	10.0%	34	similar	2
18	Dunbarton (P4)	10.3%	32	similar	2
19	Oshawa Northeast (O12)	10.5%	65	similar	2
20	Gibb West (O2)	10.6%	43	similar	2
21	Central Ajax (A4)	10.7%	35	similar	2
22	Lakeview (O1)	10.9%	77	similar	2
23	Urban Uxbridge (U1)	10.9%	33	similar	2
24	Williamsburg (W5)	11.0%	35	similar	3
25	Downtown Ajax (A2)	11.0%	37	similar	3
26	Whitby South (W1)	11.1%	58	similar	3
27	Dryden East (W8)	11.2%	43	similar	3
28	Cochrane South (W3)	11.4%	21	similar	3
29	Rural Scugog (S2)	11.8%	31	similar	3
30	Beatrice South (O8)	11.9%	34	similar	3
31	Brock (B1)	12.6%	43	similar	3
32	Beatrice North (O10)	13.2%	47	similar	3
33	Frenchman's Bay (P1)	13.4%	49	similar	3
34	Grandview South (O5)	13.5%	39	similar	3
35	Brooklin West (W10)	13.6%	76	similar	4
36	Brooklin East (W9)	13.7%	70	similar	4
37	Port Perry (S1)	14.1%	26	similar	4
38	Dryden-Anderson (W7)	14.5%	46	similar	4
39	Bowmanville North (C5)	14.6%	86	similar	4
40	Courtice South (C1)	14.6%	69	similar	4
41	Clarke (C7)	15.0%	51	similar	4
42	Courtice North (C2)	15.0%	37	similar	4
43	Darlington (C6)	15.1%	24	similar	5
44	Manning (W4)	15.1%	43	similar	5
45	Grandview North (O9)	15.2%	69	similar	5
46	Oshawa Northwest (O11)	15.4%	54	similar	5
47	Hillsdale (O7)	15.4%	45	similar	5
48	Bowmanville Central (C4)	15.7%	42	similar	5
49	Bowmanville South (C3)	16.6%	79	HIGHER	5
50	Stevenson North (O6)	17.5%	71	HIGHER	5

Large-for-gestational age (LGA) births (Comparison of 2010-12 and 2013-15)

What you need to know

- Decreases and lower percentages of LGA births are better for health.
- The LGA rate measures the birth weights of babies relative to their gestational age. For example, a girl born at 40 weeks weighing more than 4,034 g (8.9 lbs) would be LGA. Birth weight must be examined within the context of how far along the pregnancy was when the baby was born.
- The LGA rate ranged by Health Neighbourhood from 6.1 to 17.5 per cent in 2010-12, and from 4.9 to 17.0 per cent in 2013-15. The difference over time ranged from -5.3 to 6.0 per cent.
- Rates were significantly higher in Scugog, Clarington and Brock in 2013-15 as compared to Durham Region. Ajax and Pickering were lower. Durham Region's rate was significantly higher than Ontario in both time periods. The LGA rate did not change significantly in Ontario, Durham Region, or any of the municipalities or Neighbourhoods between the two time periods. LGA is complex and influenced by many factors in the population. More time may be required to see significant change in this indicator.

Indicator notes

- The LGA rate is the percentage of live births with birth weights above the standard 10th percentile of the sex-specific birth weight for gestational age. LGA rates include only singleton live births of male and female newborns with gestational age 22-43 weeks.
- Source: Hospital In-Patient Discharges 2010-2012, Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO.
- We combined data for three years to increase numbers and compared 2010-12 with 2013-15.
- We used reference percentile tables for Canadian babies based on Kramer, 2001.
- We sorted Neighbourhoods by the LGA rate and divided Neighbourhoods into quintiles (five equal groupings) based on the total number of babies born LGA. For the time comparison, we mapped Neighbourhoods according to whether there was a significant increase, decrease or no change between the two time periods based on whether the 95% confidence intervals overlapped.
- Confidence intervals were wide for LGA rates at the Neighbourhood and municipality level because the numbers were small; there had to be large differences for rates to be statistically significant.
- For more information about LGA rates in Durham Region, see durham.ca/healthstats. For indicator definitions, see [APHEO Core Indicators](#).

Release Date: October 2017.

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

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