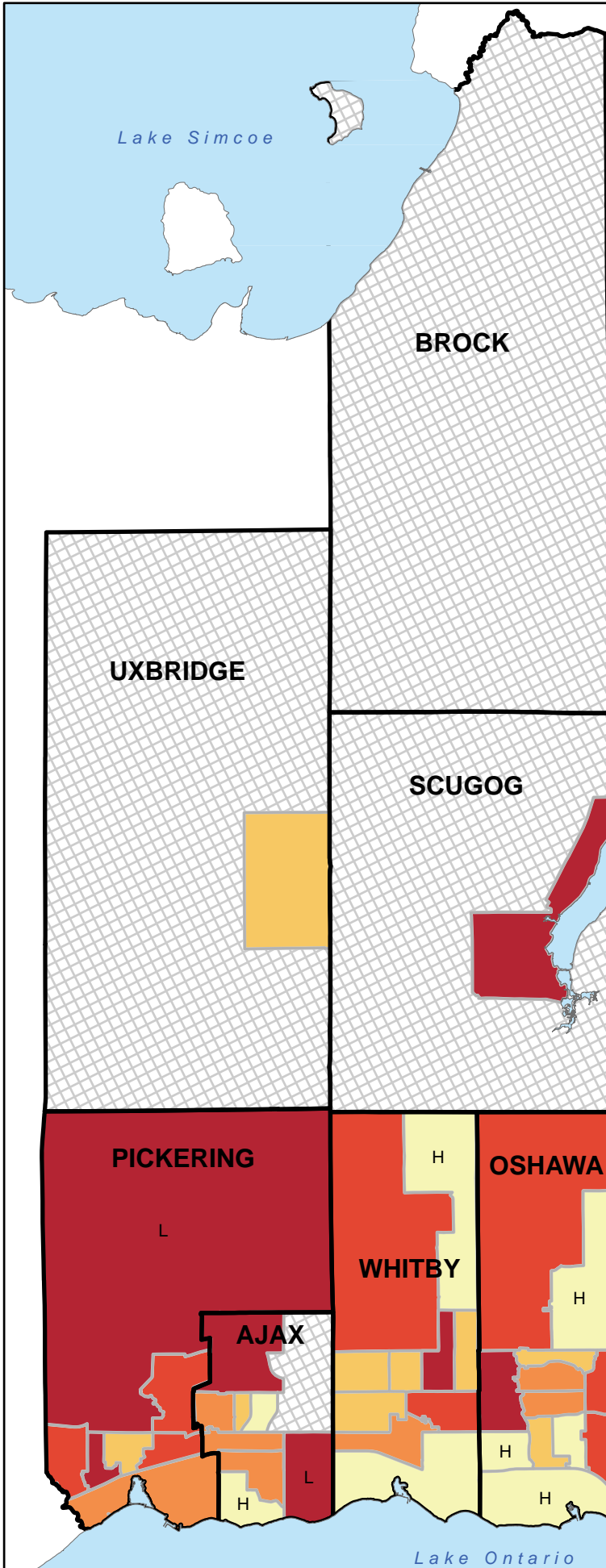
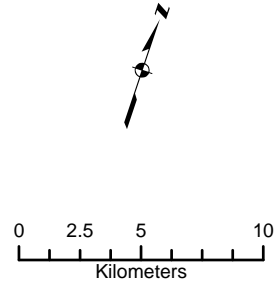


# SENIOR KINDERGARTEN CHILDREN WALKING OR BIKING TO SCHOOL (2012) DURHAM REGION

by Health Neighbourhood



Percentage Walking or Biking to School	Number of Neighbourhoods
15.4% to 27.9%	(9)
28.9% to 41.0%	(9)
41.7% to 47.2%	(9)
47.3% to 52.8%	(9)
52.9% to 64.6%	(9)
Data not releasable due to small numbers	
Health Neighbourhood Boundaries	



Source: Kindergarten Parent Survey (KPS), 2012, Durham Region  
 H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region  
 This data was analyzed by Durham Region's Data Analysis Coordinator (DAC) and mapped using the Health Neighbourhood boundaries developed by the Durham Region Health Department (DRHD).  
 This map has been produced from a variety of sources. The Region of Durham does not make any representations concerning the accuracy, likely results, or reliability of the use of the materials. The Region hereby disclaims all representations and warranties.  
 Produced by Durham Region under License with the Ontario Ministry of Natural Resources, copyright Queen's Printer for Ontario, 2005.  
 Digital cartography by Corporate GIS Services, The Regional Municipality of Durham, March, 2014.



# Senior Kindergarten Children Walking or Biking to School (2012)

## Table 1: Health Neighbourhoods Indicator Summary

é Higher is Better



	Percentage of Senior Kindergarten Children	95% Confidence Interval	Compared to Durham Rate			Percentage Taking Bus (or Taxi) to School
			Lower	Similar	Higher	
<b>Pickering</b>	<b>37%</b>	32 - 43				<b>29%</b>
Frenchman's Bay (P1)	47%	35 - 60				NR
West Rouge (P2)	39%	27 - 53				22%*
Amberlee (P3)	25%*	13 - 43				33%*
Dunbarton (P4)	50%	36 - 64				24%*
Pickering City Centre (P5)	29%*	17 - 46				49%
Brock Ridge Pickering (P6)	39%*	22 - 59				29%*
Pickering North (P7)	20%*	10 - 36	é			55%
<b>Ajax</b>	<b>33%</b>	28 - 37	é			<b>33%</b>
Ajax Waterfront (A1)	60%	43 - 74			é	NR
Downtown Ajax (A2)	47%*	29 - 65				33%*
Carruthers (A3)	15%*	8 - 27	é			55%
Central Ajax (A4)	44%*	28 - 62				NR
Riverside-Hermitage (A5)	43%*	28 - 59				NR
Westney Heights (A6)	49%*	32 - 65				NR
Applecroft (A7)	53%	35 - 70				NR
Ajax Northwest (A8)	28%*	18 - 40				37%
Ajax Northeast (A9)	NR					73%
<b>Whitby</b>	<b>48%</b>	44 - 52			é	<b>19%</b>
Whitby South (W1)	53%	40 - 65				15%*
Downtown Whitby (W2)	46%	33 - 60				17%*
Cochrane South (W3)	48%*	28 - 68				NR
Manning (W4)	36%*	23 - 52				32%*
Williamsburg (W5)	49%	37 - 61				NR
Whitby Brock North (W6)	52%	40 - 65				NR
Dryden-Anderson (W7)	28%*	17 - 42				39%*
Dryden East (W8)	51%	38 - 64				13%*
Brooklin East (W9)	62%	53 - 70			é	17%*
Brooklin West (W10)	38%	29 - 49				28%
<b>Oshawa</b>	<b>49%</b>	44 - 53			é	<b>18%</b>
Lakeview (O1)	65%	49 - 77			é	NR
Gibb West (O2)	61%	44 - 76			é	NR
Downtown Oshawa (O3)	50%*	26 - 75				NR
Central Park (O4)	55%	36 - 72				NR
Grandview South (O5)	31%*	17 - 49				NR
Stevenson North (O6)	28%*	15 - 44				NR
Hillsdale (O7)	47%*	31 - 64				NR
Beatrice South (O8)	45%*	28 - 64				23%*
Grandview North (O9)	39%*	27 - 53				38%*
Beatrice North (O10)	53%	36 - 69				NR
Oshawa Northwest (O11)	29%*	17 - 45				38%*
Oshawa Northeast (O12)	63%	53 - 72			é	13%*
<b>Clarington</b>	<b>38%</b>	34 - 42				<b>32%</b>
Courtice South (C1)	42%	32 - 52				20%*
Courtice North (C2)	25%*	15 - 39				29%*
Bowmanville South (C3)	41%	31 - 52				31%
Bowmanville Central (C4)	56%	42 - 69				28%*
Bowmanville North (C5)	44%	34 - 55				30%
Darlington (C6)	NR					53%
Clarke (C7)	27%*	18 - 38	é			48%
<b>Scugog</b>	<b>19%*</b>	12 - 30	é			<b>40%</b>
Port Perry (S1)	26%*	13 - 44				NR
Rural Scugog (S2)	NR					58%
<b>Uxbridge</b>	<b>39%</b>	30 - 49				<b>31%</b>
Urban Uxbridge (U1)	47%	36 - 59				18%*
Rural Uxbridge (U2)	NR					68%*
<b>Brock</b>						
Brock (B1)	NR					NR
<b>Durham Region</b>	<b>41%</b>	39 - 43	Higher than Ontario			<b>26%</b>
<b>Range</b>	15% - 65%					13% - 73%
<b>Ontario</b>	<b>26%</b>	25.9 - 27.0				<b>39%</b>

Source: Kindergarten Parent Survey (KPS), 2012, Durham Region.

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. Estimates marked with an asterisk should be used with caution due to small sample sizes and those marked "NR" are non-releaseable due to small numbers.

## Senior Kindergarten Children Walking or Biking to School (2012)

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

Order	Health Neighbourhoods	Percentage of Senior Kindergarten Children	Compared to Durham Region (Higher is Better)	Quintile
1	Carruthers (A3)	15%*	<b>LOWER</b>	1
2	Pickering North (P7)	20%*	<b>LOWER</b>	1
3	Amberlee (P3)	25%*	similar	1
4	Courtice North (C2)	25%*	similar	1
5	Port Perry (S1)	26%*	similar	1
6	Clarke (C7)	27%*	<b>LOWER</b>	1
7	Stevenson North (O6)	28%*	similar	1
8	Dryden-Anderson (W7)	28%*	similar	1
9	Ajax Northwest (A8)	28%*	similar	1
10	Oshawa Northwest (O11)	29%*	similar	2
11	Pickering City Centre (P5)	29%*	similar	2
12	Grandview South (O5)	31%*	similar	2
13	Manning (W4)	36%*	similar	2
14	Brooklin West (W10)	38%	similar	2
15	West Rouge (P2)	39%	similar	2
16	Brock Ridge Pickering (P6)	39%*	similar	2
17	Grandview North (O9)	39%*	similar	2
18	Bowmanville South (C3)	41%	similar	2
19	Courtice South (C1)	42%	similar	3
20	Riverside-Hermitage (A5)	43%*	similar	3
21	Central Ajax (A4)	44%*	similar	3
22	Bowmanville North (C5)	44%	similar	3
23	Beatrice South (O8)	45%*	similar	3
24	Downtown Whitby (W2)	46%	similar	3
25	Downtown Ajax (A2)	47%*	similar	3
26	Frenchman's Bay (P1)	47%	similar	3
27	Hillsdale (O7)	47%*	similar	3
28	Urban Uxbridge (U1)	47%	similar	4
29	Cochrane South (W3)	48%*	similar	4
30	Williamsburg (W5)	49%	similar	4
31	Westney Heights (A6)	49%*	similar	4
32	Dunbarton (P4)	50%	similar	4
33	Downtown Oshawa (O3)	50%*	similar	4
34	Dryden East (W8)	51%	similar	4
35	Whitby Brock North (W6)	52%	similar	4
36	Beatrice North (O10)	53%	similar	4
37	Applecroft (A7)	53%	similar	5
38	Whitby South (W1)	53%	similar	5
39	Central Park (O4)	55%	similar	5
40	Bowmanville Central (C4)	56%	similar	5
41	Ajax Waterfront (A1)	60%	<b>HIGHER</b>	5
42	Gibb West (O2)	61%	<b>HIGHER</b>	5
43	Brooklin East (W9)	62%	<b>HIGHER</b>	5
44	Oshawa Northeast (O12)	63%	<b>HIGHER</b>	5
45	Lakeview (O1)	65%	<b>HIGHER</b>	5
	Ajax Northeast (A9)	NR		NR
	Darlington (C6)	NR		NR
	Rural Scugog (S2)	NR		NR
	Rural Uxbridge (U2)	NR		NR
	Brock (B1)	NR		NR

## Senior Kindergarten Children Walking or Biking to School (2012)

Table 3: Senior kindergarten (SK) children who walk or bike to school by Durham Region Municipality

Municipality	Percentage	Compared to Durham Region (Higher is Better)
Pickering	37%	similar
Ajax	33%	<b>LOWER</b>
Whitby	48%	<b>HIGHER</b>
Oshawa	49%	<b>HIGHER</b>
Clarington	38%	similar
Scugog	19%	<b>LOWER</b>
Uxbridge	39%	similar
Brock	Not Releasable	Not Releasable
Durham Region	41%	Higher than Ontario
Ontario	26%	

### What You Need to Know

- A higher percentage is better for health.
- The percentage walking or biking to school ranges by Health Neighbourhood from 15.4% to 64.6%.
- The percentage is lowest in rural areas or in Neighbourhoods with new developments where local schools have not yet been built. Efforts need to focus on Neighbourhoods that have both low bussing and low walking or biking to school to encourage more active transportation.

### Indicator Notes

- Percentage of SK children whose parents reported that their child gets to school most often by walking or biking. The percentage taking a bus or taxi to school was also provided in Table 1.
- Source: Kindergarten Parent Survey (KPS), 2012, Durham Region.
- The KPS is a questionnaire for parents of SK children that complements the Early Development Instrument (EDI) by collecting information about the family and the child's experiences before entering kindergarten. In Durham Region, the KPS was completed by 2,704 parents, representing a 40% response rate among parents of SK children attending publicly funded schools in Durham Region in spring 2012. A total of 2,696 surveys were coded to a Health Neighbourhood.
- Estimates marked with an asterisk should be used with caution due to small sample sizes (denominator of between 11 and 29 surveys or a coefficient of variation of 16.7% to 33.3%). Non-releasable estimates have fewer than 11 responses or a coefficient of variation greater than 33.3%.
- KPS question: "How does your child get to school most often? 1) Walks/bikes with parent/ guardian, 2) Walks/bikes with another adult, sibling or friend, 3) Rides with or takes transit with parent, 4) Rides or takes transit with another child, 5) Takes school bus/taxi, 6) Takes special transit". (1 + 2)
- Neighbourhoods were sorted into five groupings (quintiles) based on the percentage of children with excellent or very good health. 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.
- For more information about KPS and EDI results in Durham Region, see Child Care and Children's Programs at [durham.ca](http://durham.ca). For more information about the KPS provincially, see [Offord Centre](#).

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.