

# Information Update: Health Statistics in Durham Region



Pickering & Darlington Community Advisory Councils  
Mary-Anne Pietrusiak, Epidemiologist  
Durham Region Health Department  
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# Past Presentations to CAC

- Radiation and Health 2007 – health data in the context of Darlington and Pickering nuclear stations
- Study by Cancer Care Ontario – Estimating cancer risks in relation to ambient tritium concentrations from routine operation of the Pickering Nuclear Generating Station
- Health Department reports – Cancer At A Glance, Reproductive Health At A Glance
- Health Neighbourhoods

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## Radiation and Health in Durham Region 2007

Examined whether radiation from the Pickering and Darlington Nuclear Generating Stations (NGSs) was causing health effects in the populations of Ajax-Pickering and Clarington



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# About the Report

- *Radiation and Health 2007* examined rates of various cancers and congenital anomalies in Durham Region.
- Also considered the scientific literature and the actual radiation doses from the plants (the EMP reports).
- Focused on the areas of Ajax-Pickering and Clarington specifically, and Durham Region generally with comparisons to Ontario.

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# Key Assumptions

- Cancer and congenital anomaly indicators were put into 3 categories based on their association with radiation in literature: **Category 1** – clear association with radiation, not many other risk factors (leukemia, thyroid cancer); **Category 2** – clear association, other risk factors (e.g. lung cancer, breast cancer); **Category 3** – inconsistent, unclear association (e.g. brain cancer, Down syndrome).
- Grouped years of data and considered when plants began operating and the latency of the assumed health effect.
- Cancer data: 1981-1992, 1993-2004.
- Congenital anomaly data: 1979-1989, 1990-2000.
- Looked for effects in Ajax-Pickering and Clarington, not Oshawa-Whitby nor North Durham.
- Expected no effects in comparison communities of Halton Region & Simcoe County.



# Overall Conclusion

Rates of cancer, congenital anomalies and stillbirths in Ajax-Pickering and Clarington did not indicate a pattern to suggest that the Pickering NGS and Darlington NGS were causing health effects in the population. Many of the patterns were shown in Simcoe County and some in Halton Region. Given the extremely low levels of radiation exposure from the nuclear stations, effects would be unlikely.

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Study done by Cancer Care  
Ontario with the Durham  
Region Health Department

# Estimating cancer risks in relation to ambient tritium concentrations from routine operation of the Pickering Nuclear Generating Station

Authors: S. Wanigaratne, E. Holowaty, H. Jiang,  
T.A. Norwood, M.A. Pietrusiak, P. Brown

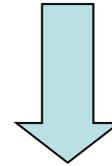
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# General Research Question

To determine whether tritium emitted from a nuclear generating station during routine operation is associated with risk of cancer in Pickering, Ontario

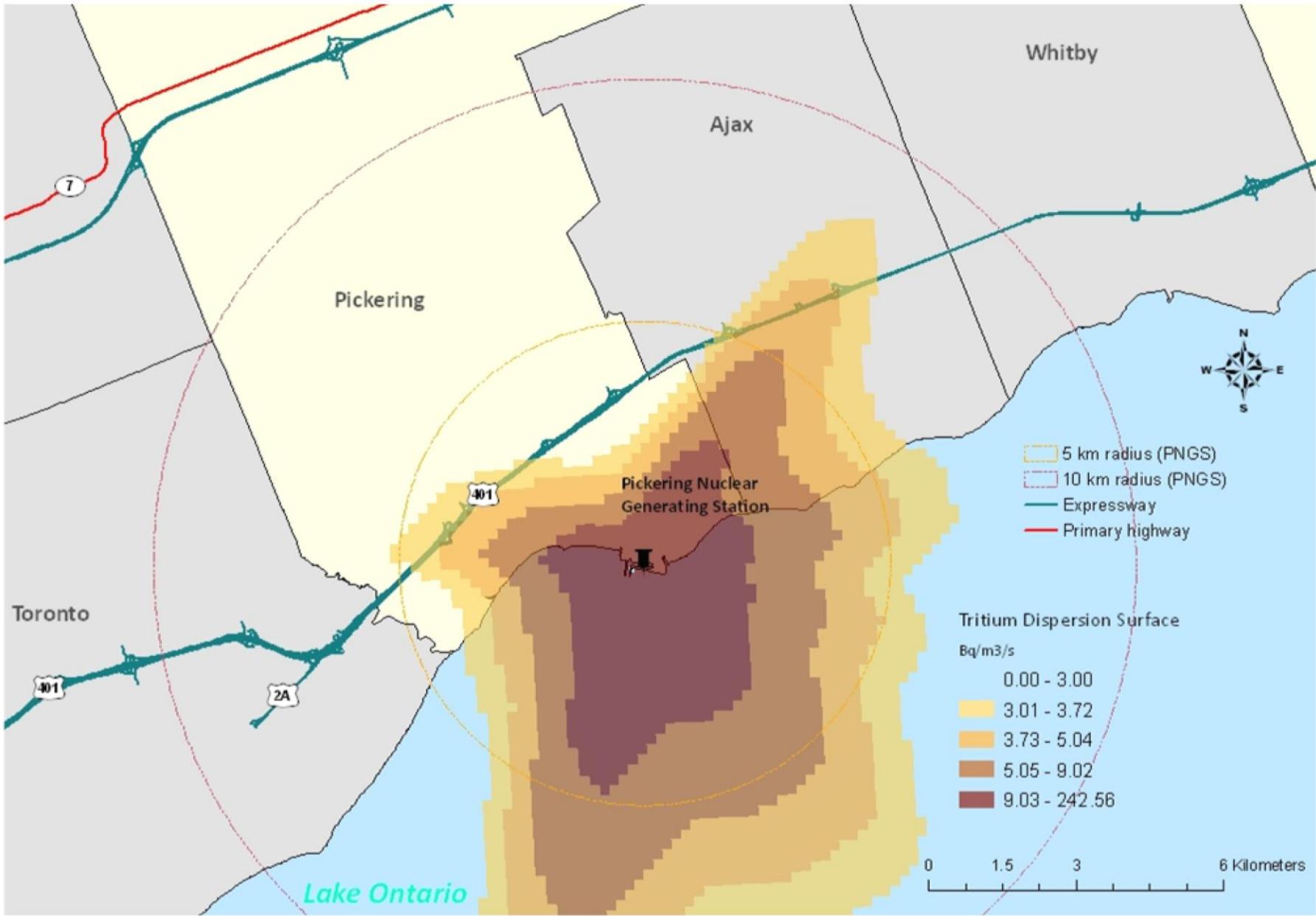


- A retrospective cohort was formed through linkage of Pickering residents (movers and non-movers) and north Oshawa residents to cancer cases (1985-2005).
- Tritium estimates were based on an atmospheric dispersion model. Tritium concentration estimates were assigned to each cohort member based on exact location of residence.

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# Results

- We examined all sites combined, leukemia, lung, thyroid, and childhood cancers (6-19 years) for males and females as well as female breast cancer.
- For all Pickering residents, Pickering non-movers, and north Oshawa residents, 19 of 33 categories of observed cancer cases were significantly lower than expected.
- Exception: Female childhood cancers (all types combined for 6-19 years) in Pickering was significantly higher than expected. However, only six cases and no increased risk among male children. Suggests finding likely due to chance.
- Found that risk of female lung cancer was over twice as high among Pickering residents compared to north Oshawa residents but tritium estimates did not significantly contribute to this risk. There was an adjustment for income. Data on smoking would have been useful.

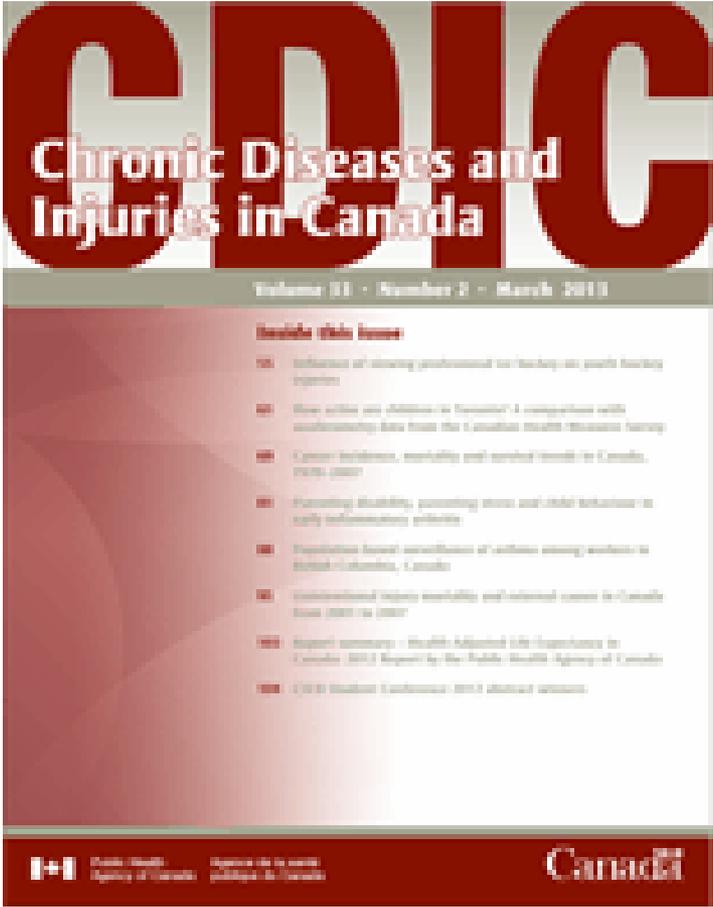




Examined all sites combined, leukemia, lung, thyroid, and childhood cancers (6-19 years) for males and females as well as female breast cancer.

No evidence of a statistically significant association between tritium emissions and cancer risk.

*This study was published in the journal Chronic Diseases and Injuries in Canada in September 2013*

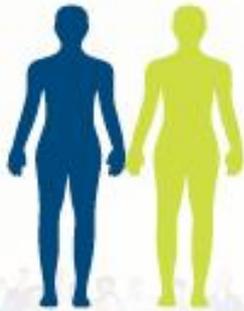


# Cancer At A Glance

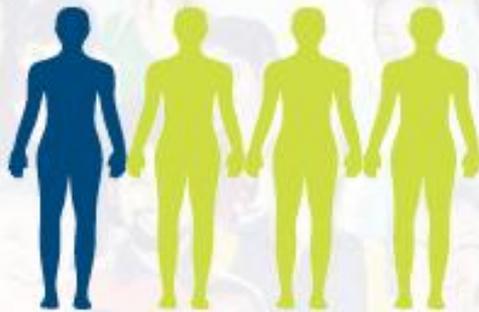
- Examines cancer incidence (new cancers) in Durham Region
  - Trends from 1998 to 2012
  - Compares Durham Region & Ontario 2010-2012

# Cancer Incidence

1. All cancers
2. Cancer in ages 0-14
3. Cancer in ages 15-29
4. Cancer in ages 30-49
5. Cancer in ages 50+
6. Lung cancer
7. Colorectal cancer
8. Prostate cancer
9. Breast cancer
10. Bladder cancer
11. Thyroid cancer
12. Non-Hodgkin lymphoma
13. Melanoma
14. Leukemia
15. Kidney cancer
16. Oral cancers
17. Stomach cancer
18. Uterine cancer
19. Ovarian cancer
20. Cervical cancer

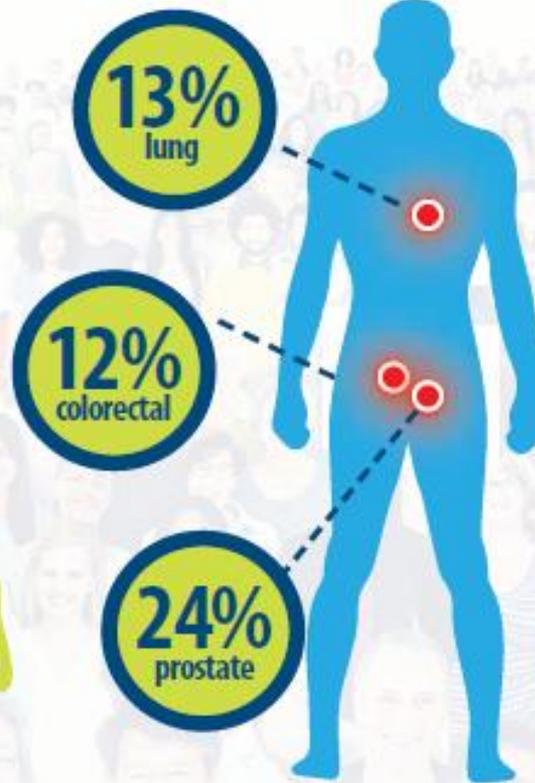


**1 in 2**  
Ontarians will develop  
cancer in their lifetime



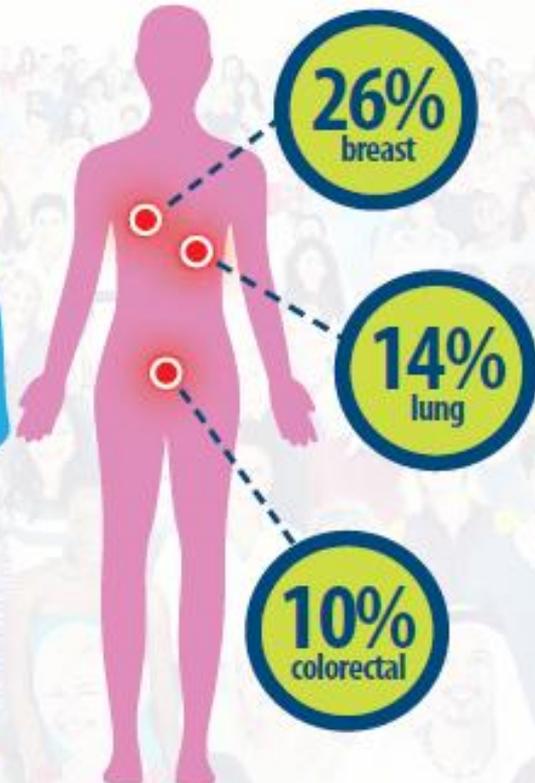
**1 in 4**  
Ontarians will die from cancer

Most common  
cancers in  
Durham Region  
males  
(2010-2012)



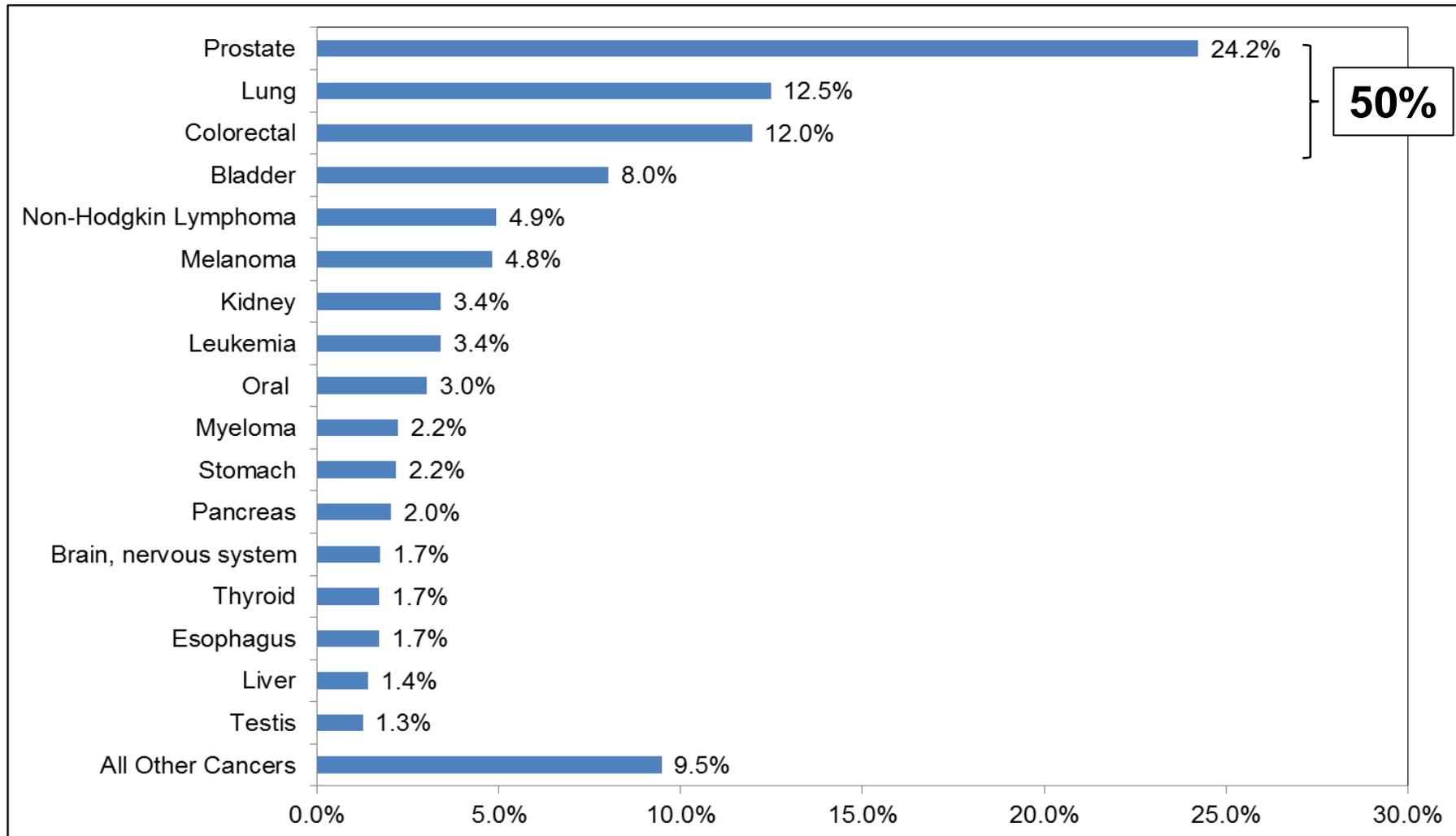
Top 3 made up  
half of cancers  
diagnosed in  
Durham Region  
males

Most common  
cancers in  
Durham Region  
females  
(2010-2012)

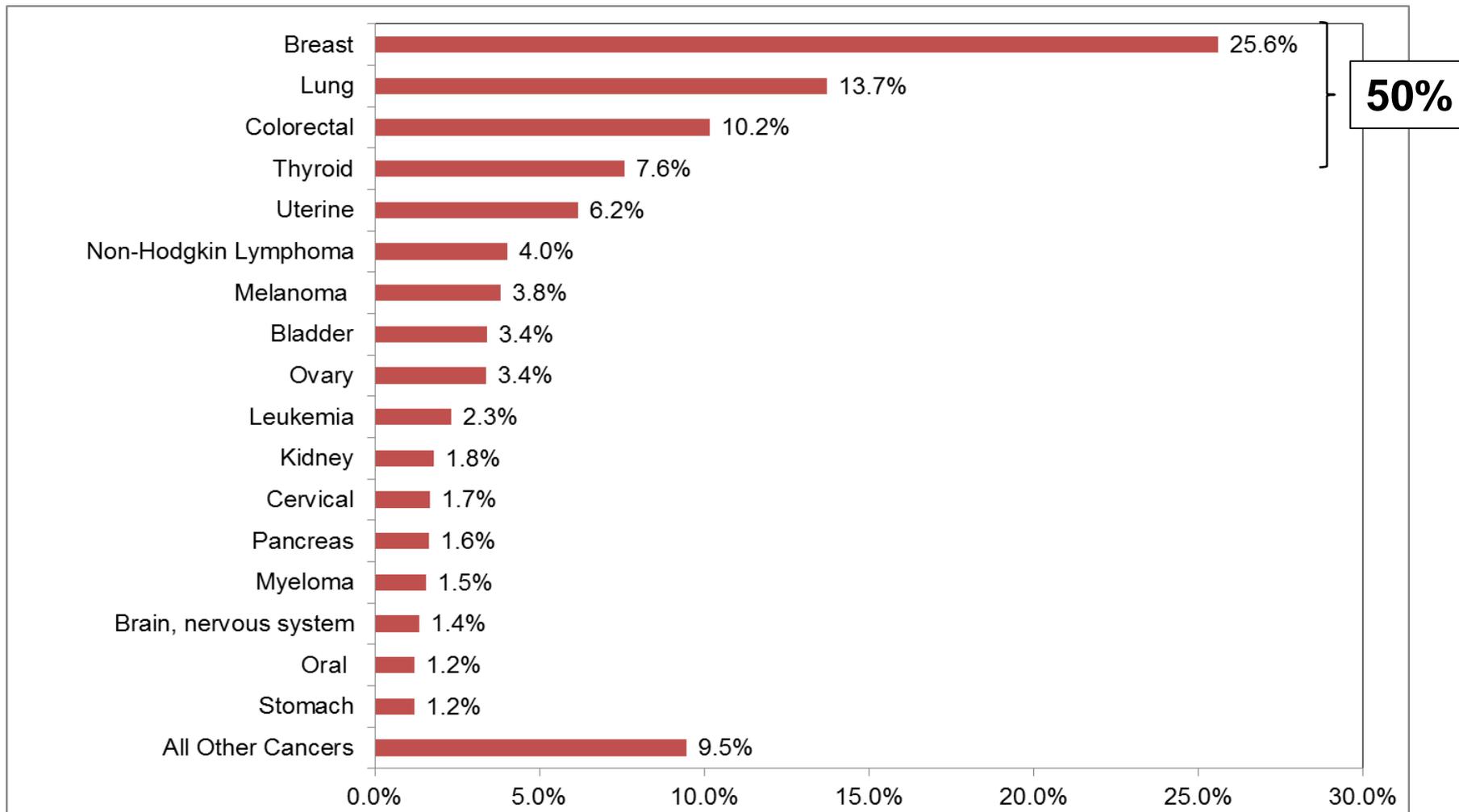


Top 3 made up  
half of cancers  
diagnosed in  
Durham Region  
females

# Most common cancers in males in Durham Region

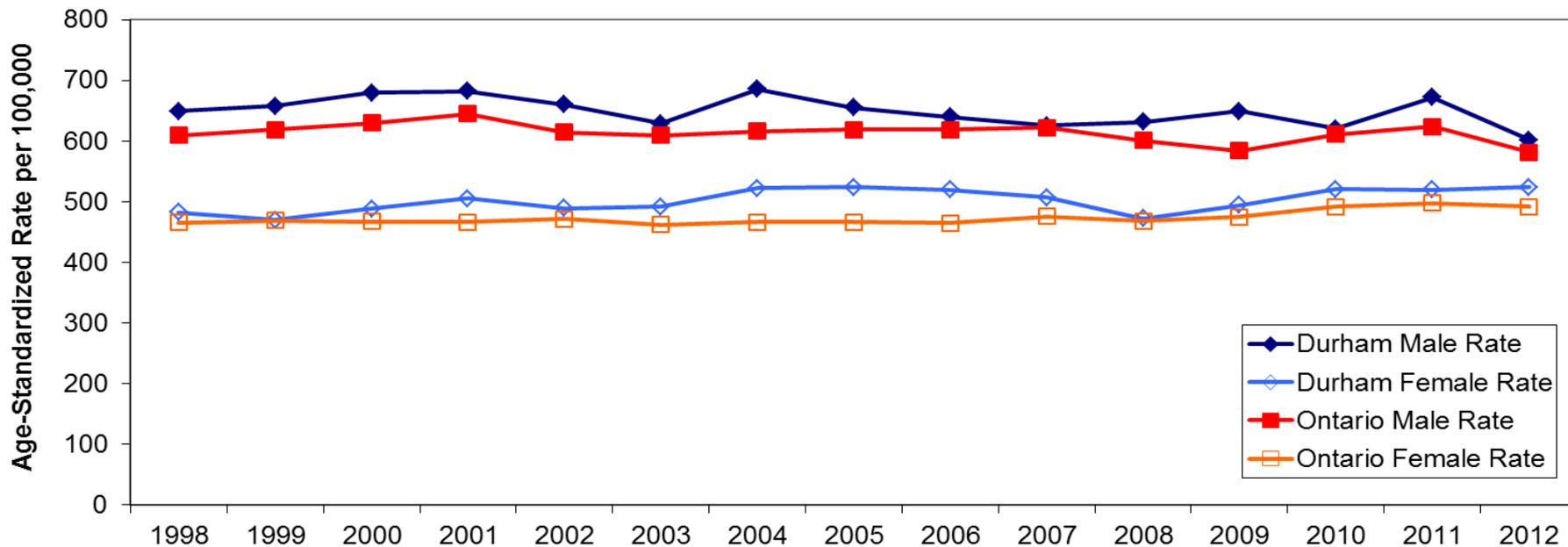


# Most common cancers in females in Durham Region



## All cancers

Age-standardized incidence rates for males and females,  
Durham Region and Ontario, 1998 to 2012

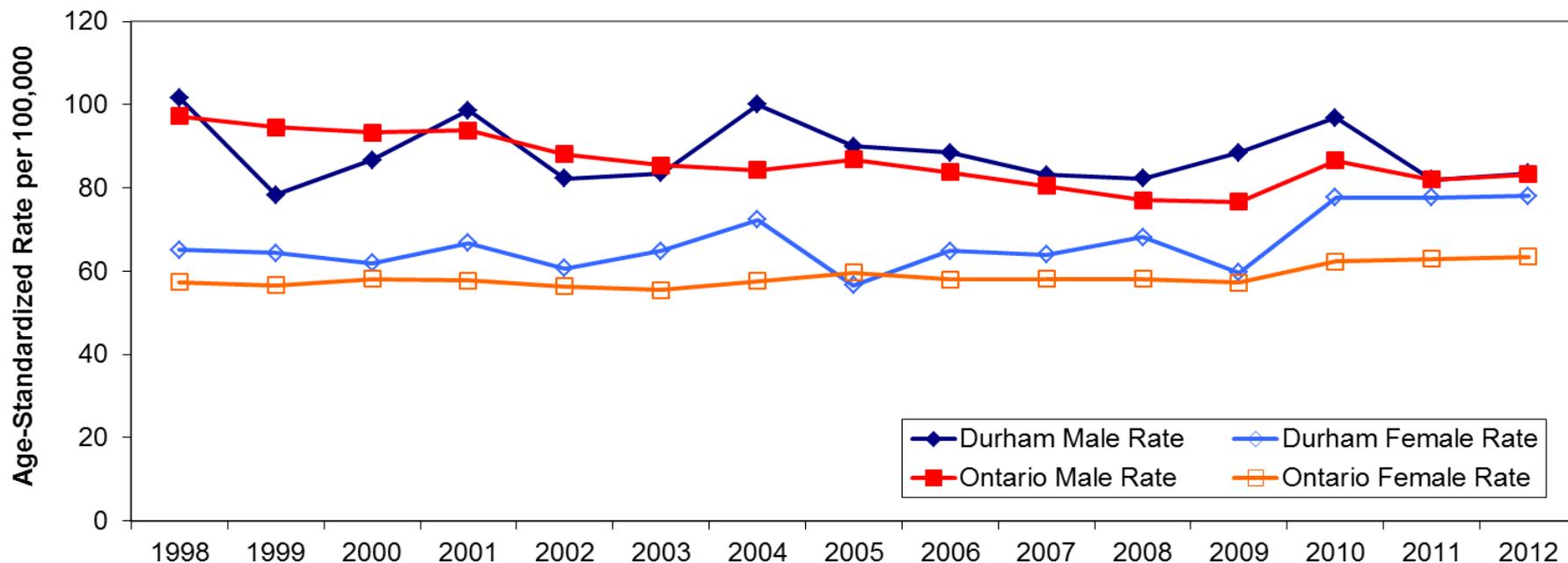


**Trend** – Cancer decreasing in males (not significant in Durham Region) but increasing in females.

**Comparison** – Cancer higher in males than females, Durham Region significantly higher than Ontario for 2010-2012 in both males and females.

## Lung cancer

Age-standardized incidence rates for males and females, Durham Region and Ontario, 1998 to 2012

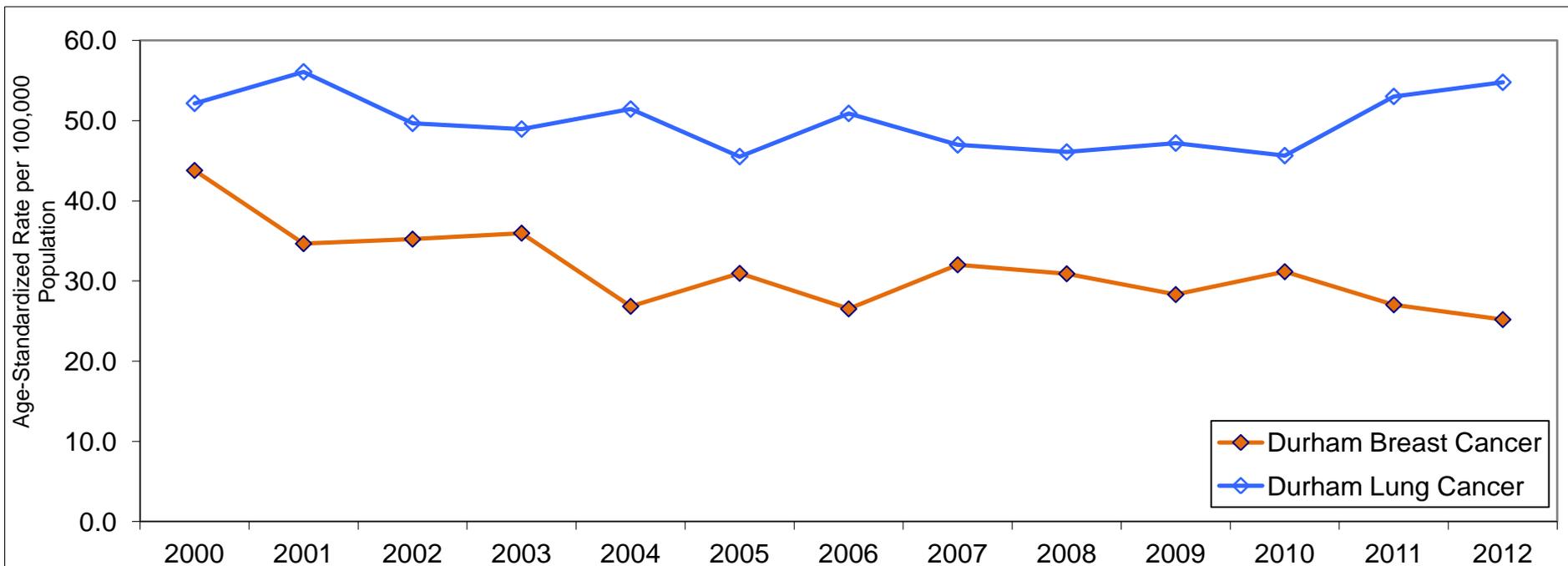


**Trend** – Lung cancer decreasing in males (not significant in Durham Region) but increasing in females.

**Comparison** – Lung cancer higher in males than females but the gap is closing, Durham Region significantly higher than Ontario for 2010-2012 in females and similar in males.

## Lung cancer mortality

Age-standardized mortality rates for females, Durham Region, 2000 to 2012

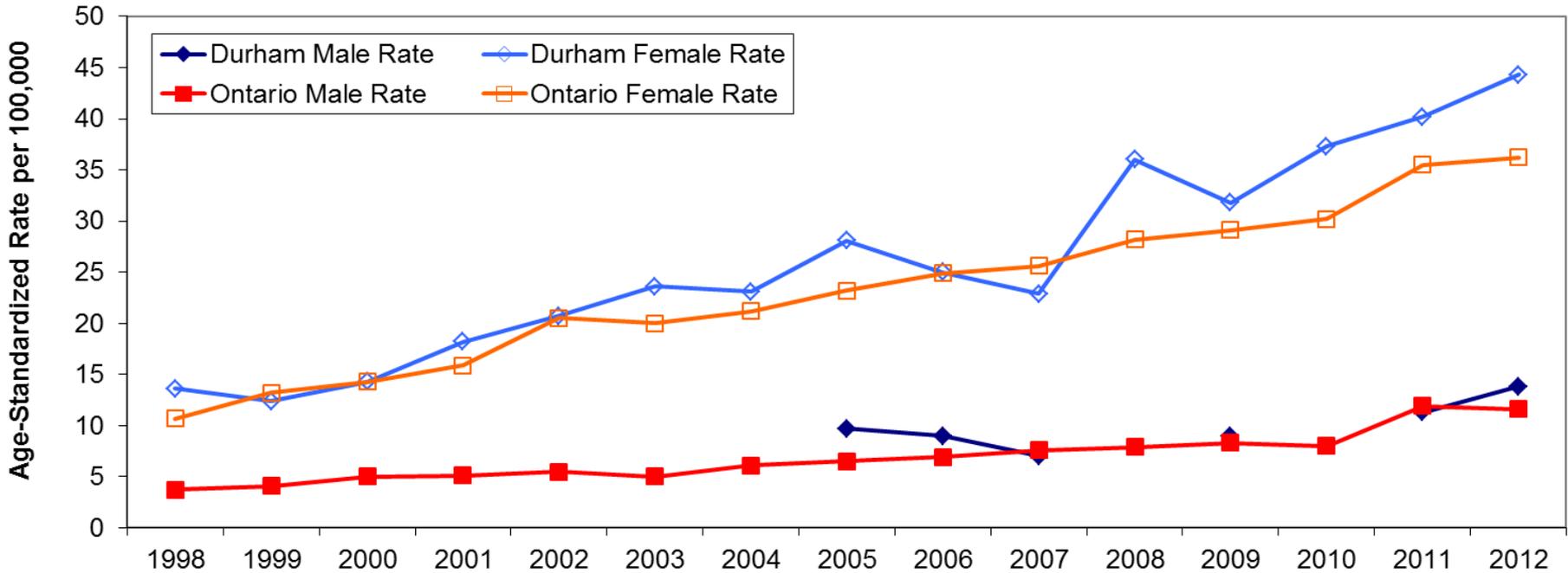


Lung cancer mortality higher than breast cancer mortality in females and the gap is widening over time.

This information comes from a different report: Mortality At A Glance

## Thyroid cancer

Age-standardized incidence rates for males and females, Durham Region and Ontario, 1998 to 2012



**Trend** – Thyroid cancer increasing in males and females in Durham Region and Ontario. The rapid increase in incidence is occurring worldwide and seems to be due to improved detection technology.

**Comparison** – Thyroid cancer higher in females than males, Durham Region significantly higher than Ontario for 2010-2012 in females and similar in males.

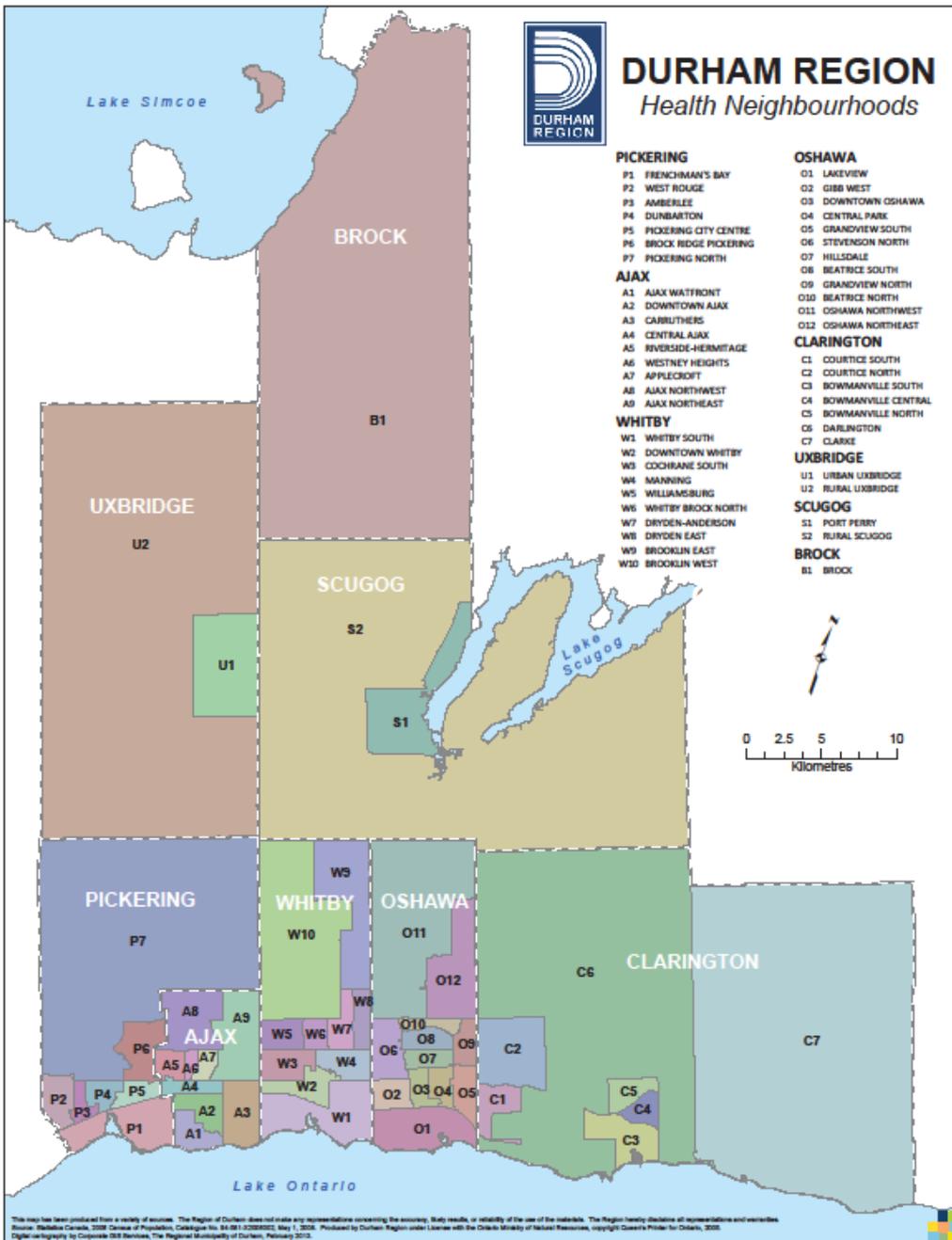
## We can prevent some types of cancer by:

- Eating a diet rich in vegetables and fruits
- Being physically active
- Not smoking
- Reducing alcohol consumption
- Maintaining a healthy weight
- Reducing excessive sun exposure
- Vaccinating against infections such as human papillomavirus (HPV) and hepatitis B
- Reducing exposure to carcinogens in the workplace
- Screening for breast, cervical and colorectal cancers

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## 50 Health Neighbourhoods in Durham Region

Average population size of the Neighbourhoods is 12,000 but varies from 8,300 to 17,800. Smaller populations in rural areas (e.g. the north).

## Health Neighbourhoods in Durham Region



The Health Neighbourhoods project presents 82 indicators for 50 Health Neighbourhoods in Durham Region to better understand patterns of health in our communities. The ultimate goal is to support strong, safe and equitable neighbourhoods that improve the health and well-being of all residents across Durham Region.

### Reports

- [Frequently Asked Questions \(FAQs\)](#) 
- [Overview Report](#)  **UPDATED**
- [A Guide to Health Neighbourhoods](#) 

[durham.ca/neighbourhoods](http://durham.ca/neighbourhoods)

### Feature Reports

- [Building on Health in Priority Neighbourhoods](#) 
- [Early Child Development](#) 
- [Smoking](#) 



### Map Viewer

An interactive map that views information by Health Neighbourhood.



### Neighbourhood Profiles

Indicators are summarized and compared to Durham Region for each Neighbourhood, Municipality and for Durham Region. Includes a descriptive map with roads, schools, trails and other points of interest.



### Indicator Summaries

Each 4-page summary includes a Durham Region map for that indicator, tables that provide rates for each Neighbourhood and municipality, and indicator notes to explain the data.

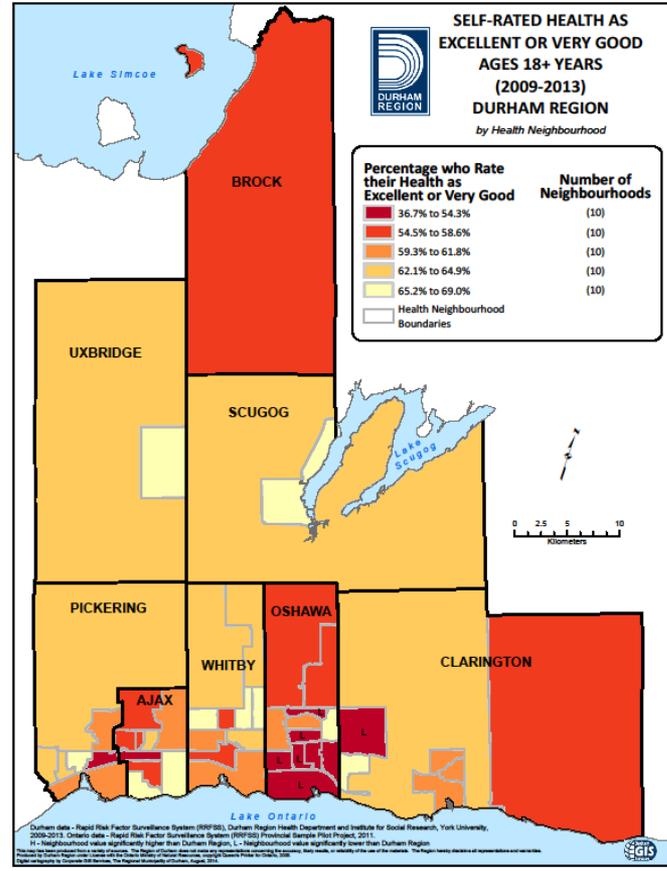
# 82 Indicators

- **Demographics (20 indicators)**
  - E.g. Population age groups, low income rate, education, seniors living alone, recent immigrants, shelter costs 30%+ of income, movers in past year
- **Early Child Development (10 indicators)**
  - E.g. School readiness showing percent of senior kindergarten students vulnerable in 5 different domains such as physical health, social competence, and language and cognitive development
- **Health (52 indicators)**
  - E.g. Life expectancy, self-rated health, preterm birth, breastfeeding, teen pregnancy, smoking, obesity, emergency department visits for various injuries, cancer screening, diabetes, asthma, hepatitis C, residence ambulance calls



# Indicator Summary

Example of an Indicator Summary – 4 pages with map, tables and notes



**Self-Rated Health as Excellent or Very Good, Ages 18+ Years (2009-2013)**  
Table 1: Health Neighbourhoods Indicator Summary

Health Neighbourhood	Percentage who Rate their Health as Excellent or Very Good	95% Confidence Interval	Compared to Durham Rate		
			Lower	Similar	Higher
<b>Pickering</b>	<b>62%</b>	<b>59% - 65%</b>			
Frenchman's Bay (P1)	51%	54% - 58%			
West Ridge (P2)	53%	55% - 57%			
Ambrose (P3)	53%	53% - 72%			
Dunbarton (P4)	60%	62% - 64%			
Pickering City Centre (P5)	54%	49% - 53%			
Black Ridge Pickering (P6)	51%	49% - 51%			
Pickering North (P7)	52%	53% - 71%			
<b>Ajax</b>	<b>60%</b>	<b>57% - 64%</b>			
Ajax Waterfront (A1)	65%	58% - 73%			
Downtown Ajax (A2)	57%	48% - 65%			
Carleton Place (A3)	68%	59% - 76%			
Central Ajax (A4)	53%	44% - 62%			
Riverside-Heritage (A5)	55%	49% - 61%			
Westroy Heights (A6)	57%	51% - 63%			
Applecroft (A7)	64%	54% - 73%			
Ajax Northwest (A8)	57%	51% - 63%			
Ajax Northeast (A9)	52%	52% - 72%			
<b>Uxbridge</b>	<b>65%</b>	<b>60% - 69%</b>			
Uxbridge (U1)	65%	60% - 69%			
Uxbridge West (U2)	57%	51% - 64%			
Uxbridge East (U3)	61%	53% - 69%			
Uxbridge North (U4)	53%	57% - 49%			
Uxbridge South (U5)	68%	60% - 75%			
Uxbridge West (U6)	65%	59% - 71%			
Uxbridge East (U7)	62%	54% - 70%			
Uxbridge North (U8)	64%	52% - 66%			
Uxbridge South (U9)	49%	41% - 56%			
Uxbridge West (U10)	57%	45% - 69%			
Uxbridge East (U11)	51%	45% - 57%			
Uxbridge North (U12)	54%	47% - 61%			
Uxbridge South (U13)	50%	43% - 58%			
Uxbridge West (U14)	55%	50% - 60%			
Uxbridge East (U15)	48%	40% - 57%			
Uxbridge North (U16)	52%	47% - 57%			
Uxbridge South (U17)	55%	47% - 62%			
Uxbridge West (U18)	60%	57% - 63%			
Uxbridge East (U19)	55%	52% - 58%			
Uxbridge North (U20)	48%	40% - 57%			
Uxbridge South (U21)	52%	47% - 57%			
Uxbridge West (U22)	55%	47% - 62%			
Uxbridge East (U23)	60%	57% - 63%			
Uxbridge North (U24)	55%	52% - 58%			
Uxbridge South (U25)	48%	40% - 57%			
Uxbridge West (U26)	52%	47% - 57%			
Uxbridge East (U27)	55%	47% - 62%			
Uxbridge North (U28)	60%	57% - 63%			
Uxbridge South (U29)	48%	40% - 57%			
Uxbridge West (U30)	52%	47% - 57%			
Uxbridge East (U31)	55%	47% - 62%			
Uxbridge North (U32)	60%	57% - 63%			
Uxbridge South (U33)	48%	40% - 57%			
Uxbridge West (U34)	52%	47% - 57%			
Uxbridge East (U35)	55%	47% - 62%			
Uxbridge North (U36)	60%	57% - 63%			
Uxbridge South (U37)	48%	40% - 57%			
Uxbridge West (U38)	52%	47% - 57%			
Uxbridge East (U39)	55%	47% - 62%			
Uxbridge North (U40)	60%	57% - 63%			
Uxbridge South (U41)	48%	40% - 57%			
Uxbridge West (U42)	52%	47% - 57%			
Uxbridge East (U43)	55%	47% - 62%			
Uxbridge North (U44)	60%	57% - 63%			
Uxbridge South (U45)	48%	40% - 57%			
Uxbridge West (U46)	52%	47% - 57%			
Uxbridge East (U47)	55%	47% - 62%			
Uxbridge North (U48)	60%	57% - 63%			
Uxbridge South (U49)	48%	40% - 57%			
Uxbridge West (U50)	52%	47% - 57%			
Uxbridge East (U51)	55%	47% - 62%			
Uxbridge North (U52)	60%	57% - 63%			
Uxbridge South (U53)	48%	40% - 57%			
Uxbridge West (U54)	52%	47% - 57%			
Uxbridge East (U55)	55%	47% - 62%			
Uxbridge North (U56)	60%	57% - 63%			
Uxbridge South (U57)	48%	40% - 57%			
Uxbridge West (U58)	52%	47% - 57%			
Uxbridge East (U59)	55%	47% - 62%			
Uxbridge North (U60)	60%	57% - 63%			
Uxbridge South (U61)	48%	40% - 57%			
Uxbridge West (U62)	52%	47% - 57%			
Uxbridge East (U63)	55%	47% - 62%			
Uxbridge North (U64)	60%	57% - 63%			
Uxbridge South (U65)	48%	40% - 57%			
Uxbridge West (U66)	52%	47% - 57%			
Uxbridge East (U67)	55%	47% - 62%			
Uxbridge North (U68)	60%	57% - 63%			
Uxbridge South (U69)	48%	40% - 57%			
Uxbridge West (U70)	52%	47% - 57%			
Uxbridge East (U71)	55%	47% - 62%			
Uxbridge North (U72)	60%	57% - 63%			
Uxbridge South (U73)	48%	40% - 57%			
Uxbridge West (U74)	52%	47% - 57%			
Uxbridge East (U75)	55%	47% - 62%			
Uxbridge North (U76)	60%	57% - 63%			
Uxbridge South (U77)	48%	40% - 57%			
Uxbridge West (U78)	52%	47% - 57%			
Uxbridge East (U79)	55%	47% - 62%			
Uxbridge North (U80)	60%	57% - 63%			
Uxbridge South (U81)	48%	40% - 57%			
Uxbridge West (U82)	52%	47% - 57%			
Uxbridge East (U83)	55%	47% - 62%			
Uxbridge North (U84)	60%	57% - 63%			
Uxbridge South (U85)	48%	40% - 57%			
Uxbridge West (U86)	52%	47% - 57%			
Uxbridge East (U87)	55%	47% - 62%			
Uxbridge North (U88)	60%	57% - 63%			
Uxbridge South (U89)	48%	40% - 57%			
Uxbridge West (U90)	52%	47% - 57%			
Uxbridge East (U91)	55%	47% - 62%			
Uxbridge North (U92)	60%	57% - 63%			
Uxbridge South (U93)	48%	40% - 57%			
Uxbridge West (U94)	52%	47% - 57%			
Uxbridge East (U95)	55%	47% - 62%			
Uxbridge North (U96)	60%	57% - 63%			
Uxbridge South (U97)	48%	40% - 57%			
Uxbridge West (U98)	52%	47% - 57%			
Uxbridge East (U99)	55%	47% - 62%			
Uxbridge North (U100)	60%	57% - 63%			

**Self-Rated Health as Excellent or Very Good, Ages 18+ Years (2009-2013)**  
Health Neighbourhoods ranked from lowest to highest

Health Neighbourhood	Percentage who Rate their Health as Excellent or Very Good	Compared to Durham Region (Higher is Better)	Quintile
Whitton Oshawa (O3)	37%	LOWER	1
Whitton North (O2)	41%	LOWER	1
Whitton North (O10)	48%	LOWER	1
Whitton (O1)	49%	LOWER	1
Whitton West (O2)	50%	LOWER	1
Whitton (O7)	50%	LOWER	1
Whitton Park (O4)	53%	similar	1
Whitton Ajax (A4)	53%	similar	1
Whitton South (O5)	54%	similar	1
Whitton City Centre (P5)	54%	similar	1
Whitton Northeast (O12)	55%	similar	2
Whitton Northwest (O11)	55%	similar	2
Whitton (B1)	56%	similar	2
Whitton Ajax (A2)	57%	similar	2
Whitton Northwest (A8)	57%	similar	2
Whitton Whitby (W2)	57%	similar	2
Whitton Brook North (W6)	58%	similar	2
Whitton Riverside-Heritage (A5)	58%	similar	2
Whitton (C7)	59%	similar	2
Whitton West (O8)	59%	similar	2
Whitton South (O8)	59%	similar	3
Whitton North (O8)	60%	similar	3
Whitton South (W1)	60%	similar	3
Whitton North (C8)	60%	similar	3
Whitton North (C3)	61%	similar	3
Whitton Ridge Pickering (P9)	61%	similar	3
Whitton Central (C4)	61%	similar	3
Whitton's Bay (P1)	61%	similar	3
Whitton South (W3)	61%	similar	3
Whitton South (C3)	61%	similar	3
Whitton Northeast (A9)	62%	similar	3
Whitton West (W10)	62%	similar	4
Whitton North (P7)	62%	similar	4
Whitton (P3)	63%	similar	4
Whitton Manning (W4)	63%	similar	4
Whitton West Ridge (P2)	64%	similar	4
Whitton Applecroft (A7)	64%	similar	4
Whitton Rural Uxbridge (U2)	64%	similar	4
Whitton Rural Scugog (S2)	65%	similar	4
Whitton Clarington (C9)	65%	similar	4
Whitton Brooklin East (W9)	65%	similar	4
Whitton Port Perry (S1)	65%	similar	5
Whitton Dryden East (W8)	66%	similar	5
Whitton Ajax Waterfront (A1)	66%	similar	5
Whitton Grandview North (O9)	66%	similar	5
Whitton Courville South (G1)	67%	similar	5
Whitton Urban Uxbridge (U1)	67%	similar	5
Whitton Dunbarton (P4)	68%	similar	5
Whitton Dryden-Anderson (W7)	68%	similar	5
Whitton Carleton Place (A3)	68%	similar	5
Whitton Williamsburg (W5)	69%	similar	5

**Self-Rated Health as Excellent or Very Good, Ages 18+ Years (2009-2013)**

Table 3: Percentage who rate their health as excellent or very good by Durham Region Municipality

Municipality	Percentage who Rate their Health as Excellent or Very Good	Compared to Durham Region (Higher is Better)
Pickering	62%	similar
Ajax	60%	similar
Whitby	62%	similar
Oshawa	54%	LOWER
Clarington	60%	similar
Scugog	65%	similar
Uxbridge	66%	similar
Brock	56%	similar
Durham Region	60%	Similar to Ontario
Ontario	60%	

**What You Need to Know**

- A higher rate of self-rated health is better for health.
- The percentage of adults who rate their health as excellent or very good ranges by Health Neighbourhood from 37% to 69%.
- Self-rated health status has been found to be a strong predictor of well-being. Self-rated health tends to be lower in the downtown areas of the urban municipalities. Five Neighbourhoods in Oshawa and one in Clarington have significantly lower self-rated health than Durham Region. Neighbourhoods with high self-rated health are scattered throughout the Region.

**Indicator Notes**

- This indicator measures the percentage of adults aged 18 years or older who rate their health as excellent or very good.
- Source: Durham data - Rapid Risk Factor Surveillance System (RRFSS), Durham Region Health Department and Institute for Social Research, York University, 2009-2013. Ontario data - Rapid Risk Factor Surveillance System (RRFSS) Provincial Sample Pilot Project, 2011.
- RRFSS is an ongoing survey of adults in Durham Region that collects data related to health knowledge, attitudes and behaviours. Five years of data were combined to provide a large enough sample for analysis at the Neighbourhood level. Respondents were asked to rate their health as excellent, very good, good, fair or poor. This indicator combined two categories.
- Neighbourhoods were sorted by the percentage of adults with excellent or very good self-rated health 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.

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.

**Frenchman's Bay (P1)**



**Neighbourhood Profile**

**Description:**  
Frenchman's Bay is a waterfront community in Pickering, located south of Highway 401 on Lake Ontario, around the bay for which it is named. The Pickering GO Train Station, six elementary schools, Petticoat Creek Conservation Area, and the Pickering Nuclear Generating Station occupy this Neighbourhood. The Waterfront Trail winds throughout the Neighbourhood.

Population (2011): 16,675  
Population Density: 940.4 persons per square kilometre  
Number of Births (2014): 146

Demographic Indicators	Neighbourhood	Durham Region	Compared to Durham Region
Population growth rate (2006 to 2011)	-0.8%	8.6%	LOWER
Population aged 0-14 years	14.7%	18.6%	LOWER
Population aged 0-4 years	4.0%	5.7%	LOWER
Population aged 5-9 years	4.7%	6.1%	LOWER
Population aged 10-14 years	6.0%	6.8%	similar
Population aged 15-19 years	6.9%	7.7%	similar
Population aged 20-24 years	6.3%	6.5%	similar
Population aged 25-29 years	5.5%	5.7%	similar
Population aged 30-39 years	10.6%	12.6%	similar
Population aged 40-49 years	17.2%	16.5%	similar
Population aged 50-59 years	16.7%	14.8%	similar
Population aged 60-64 years	7.0%	5.5%	HIGHER
Population aged 65+ years	15.3%	12.1%	HIGHER
Female lone-parent families	15.9%	14.0%	similar
Seniors living alone	20.0%	21.4%	similar
Income - Low income rate	7.6%	9.9%	LOWER
Income - Children less than 6 years in low income households	5.0%	12.8%	LOWER
Income - Median after-tax household income	\$69,000	\$70,100	similar
Low education (no high school completion)	8.5%	8.9%	similar
Unemployment rate	7.8%	8.6%	similar
Commuting duration (median minutes)	30.5	30.1	similar
Aboriginal Population	0.8%	1.5%	LOWER
Recent immigrants (in past 10 years)	2.6%	3.6%	LOWER
Visible minorities	16.6%	20.7%	similar

# Neighbourhood Profile

**Frenchman's Bay (P1)**  
**Neighbourhood Profile**



Demographic Indicators - Housing	Neighbourhood	Durham Region	Compared to Durham Region
Moved residence in the past year	8.1%	9.9%	similar
Households that rent	12.5%	17.3%	LOWER
Shelter costs of 30% or more of income	23.9%	25.0%	similar
Not suitable housing	4.1%	5.1%	LOWER
Major dwelling repairs needed	4.3%	5.0%	similar
<b>Early Child Development Indicators</b>			
EDI - Vulnerable in physical health and well-being	18.3%	17.2%	similar
EDI - Vulnerable in social competence	18.3%	10.4%	HIGHER
EDI - Vulnerable in emotional maturity	19.8%	11.4%	HIGHER
EDI - Vulnerable in language and cognitive development	9.5%	6.4%	similar
EDI - Vulnerable in communication skills and general knowledge	15.9%	10.0%	similar
EDI - Vulnerable in one or more domains	40.5%	28.9%	HIGHER
EDI - Vulnerable in two or more domains	21.4%	13.8%	HIGHER
SK children in excellent or very good health	91%	92%	similar
SK children living in a child-friendly neighbourhood	83%	79%	similar
SK children walking or biking to school	47%	41%	similar
<b>Health Indicators - General Health</b>			
Self-rated health as excellent or very good, ages 18+	61%	60%	similar
Self-rated mental health as excellent or very good, ages 18+	70%	72%	similar
Life expectancy at birth - Males (years)	79.7	80.8	similar
Life expectancy at birth - Females (years)	82.7	85.2	LOWER

**Frenchman's Bay (P1)**  
**Neighbourhood Profile**



Health Indicators - Babies	Neighbourhood	Durham Region	Compared to Durham Region
Birth rate per 1,000	8.5	10.6	LOWER
Teen pregnancy rate per 1,000	20.8	25.5	similar
Births to young mothers (ages 14-23)	9.0%	11.0%	similar
Births to older mothers (ages 35+)	25.4%	21.5%	HIGHER
Preterm birth rate in singletons	8.4%	6.8%	similar
Small-for-Gestational Age (SGA) rate	7.1%	7.8%	similar
Large-for-Gestational Age (LGA) rate	13.4%	11.7%	similar
Breastfeeding at hospital discharge rate	94.8%	88.9%	HIGHER
Breastmilk only at hospital discharge rate	83.6%	78.3%	similar
Breastfeeding duration rate at 6 months	57%	53%	similar
18-month enhanced Well-Baby Visit	36.0%	47.5%	LOWER
<b>Health Indicators - Injury Emergency Department (ED) Visits</b>			
All Injuries ED visit rate (per 1,000)	93.1	98.3	similar
Sports injuries ED visit rate (per 1,000), ages 10-14	44.9	42.2	similar
Motor vehicle traffic collision ED visit rate (per 1,000), ages 15-24	6.7	9.6	LOWER
Falls ED visit rate (per 1,000), ages 0-4	61.2	55.5	similar
Falls ED visit rate (per 1,000), ages 65+	57.7	57.3	similar
<b>Health Indicators - Health Behaviours</b>			
Smoking rate, ages 18+	22%	18%	similar
Obesity rate, ages 18+	17%	20%	similar
Vegetable & fruit consumption rate, ages 18+ (5 or more servings per day)	37%	33%	similar
Alcohol use in excess of Canada's Low-Risk Alcohol Drinking Guidelines, ages 18+	24% *</td <td>23%</td> <td>similar</td>	23%	similar
High physical activity rate, ages 18-69	58%	55%	similar
Flu immunization rate, ages 18+	41%	37%	similar

**Frenchman's Bay (P1)**



**Neighbourhood Profile**

Health Indicators - Cancer Screening	Neighbourhood	Durham Region	Compared to Durham Region
Breast cancer screening (mammography) rate (per 100), females ages 52-74	61.0	63.4	similar
Cervical cancer screening (Pap test) rate (per 100), females ages 23-70	69.1	68.4	similar
Overdue for colorectal cancer screening rate (per 100), ages 50-74	40.7	42.0	similar
<b>Health Indicators - Health Care</b>			
Population with primary care physician (per 100)	94.4	95.1	similar
Residence ambulance call rate (per 100)	3.2	3.9	LOWER
Residence ambulance call rate (per 100), ages 65+ years	13.3	15.5	LOWER
<b>Health Indicators - Disease prevalence, hospitalization, incidence</b>			
Asthma ED visit rate (per 1,000), ages 0-14	10.5	10.3	similar
Asthma prevalence rate (per 100), ages 0-14	18.3	19.2	similar
Diabetes prevalence rate (per 100), ages 20+	9.7	10.4	LOWER
Lung disease (COPD) prevalence rate (per 100), ages 35+	9.4	10.1	LOWER
Cardiovascular disease hospitalization rate (per 1,000), ages 45-64	10.4	9.8	similar
Chlamydia incidence rate (per 1,000), females ages 15-24	18.4	17.2	similar
Enteric diseases incidence rate (per 100,000)	57.2	64.4	similar
Influenza incidence rate (per 100,000)	31.9	36.0	similar
Hepatitis C incidence rate (per 100,000)	26.0	27.9	similar
Latent Tuberculosis Infection (LTBI) incidence rate (per 100,000)	17.7	33.3	LOWER

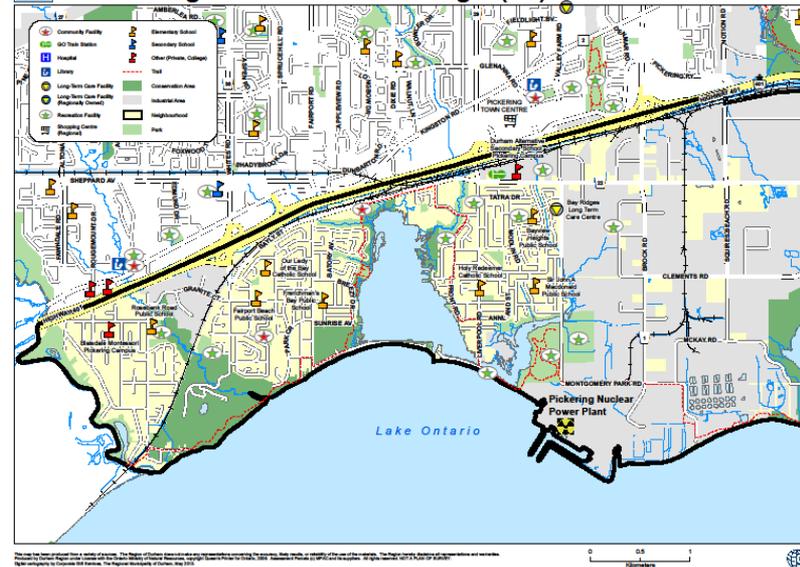
**Profile Notes**  
For Demographic indicators, "LOWER" refers to at least 20% lower than the Durham Region rate and "HIGHER" refers to at least 20% higher. For Early Child Development and Health indicators, "LOWER" or "HIGHER" means that the 95% confidence intervals do not overlap and that the rates are different from Durham Region. Similar means that the Health Neighbourhood is similar to Durham Region as a whole for that indicator.

When "LOWER" or "HIGHER" is in blue, the indicator is neutral in terms of health. Green indicates that the Neighbourhood is doing better in terms of health than Durham Region and red indicates it is worse.  
Estimates with high variability are marked with an asterisk (\*) and should be used with caution. Some estimates are not releasable due to small numbers.

**Release Date: February 2016**

For more information, see the Indicator Summary or the Guide to Health Neighbourhoods at [durham.ca/healthneighbourhoods](http://durham.ca/healthneighbourhoods). If you require this information in an accessible format, contact 1-800-941-2729.

**Frenchman's Bay**  
**Health Neighbourhood - Pickering 1 (P1)**



Example of a Neighbourhood Profile – 5 pages with tables on first 4 pages and descriptive map on last page.

# Health Neighbourhoods Map Viewer

## Health Neighbourhoods in Durham Region

Map of Community Amenities and Services within Durham Region

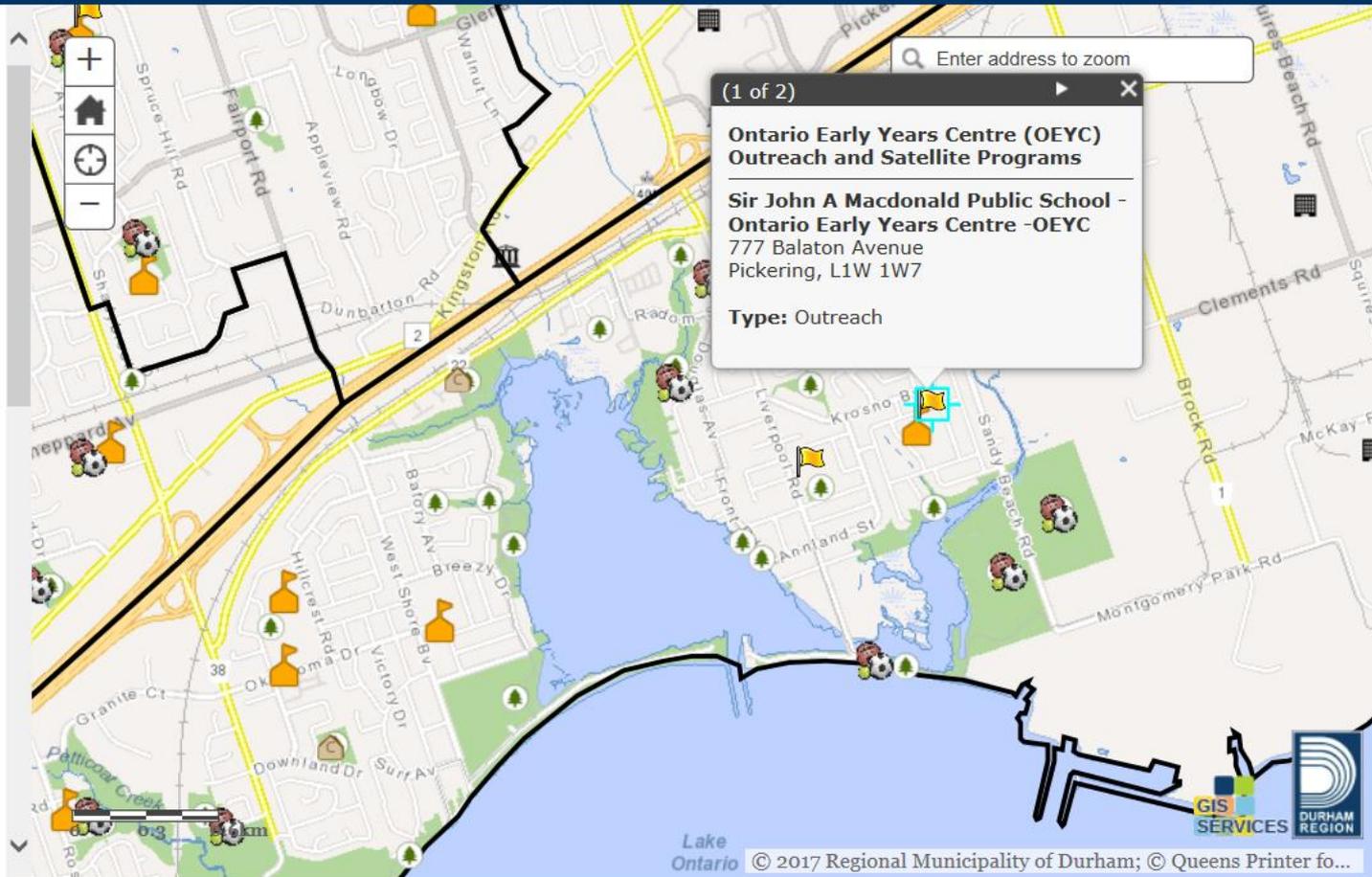
Points of Interest maps

Demographics

Early Child Development

Health

- Child Care
- Community Facility
- Early Years Centres
- Government Offices
  - Federal
  - Provincial
  - Regional
  - Municipal
  - Other
- Healthcare Facility
- Hospital
- Housing Assistance
- Library
- Mental Health Services
- Place of Worship
- Recreation Facility





# Durham Region Health Neighbourhoods

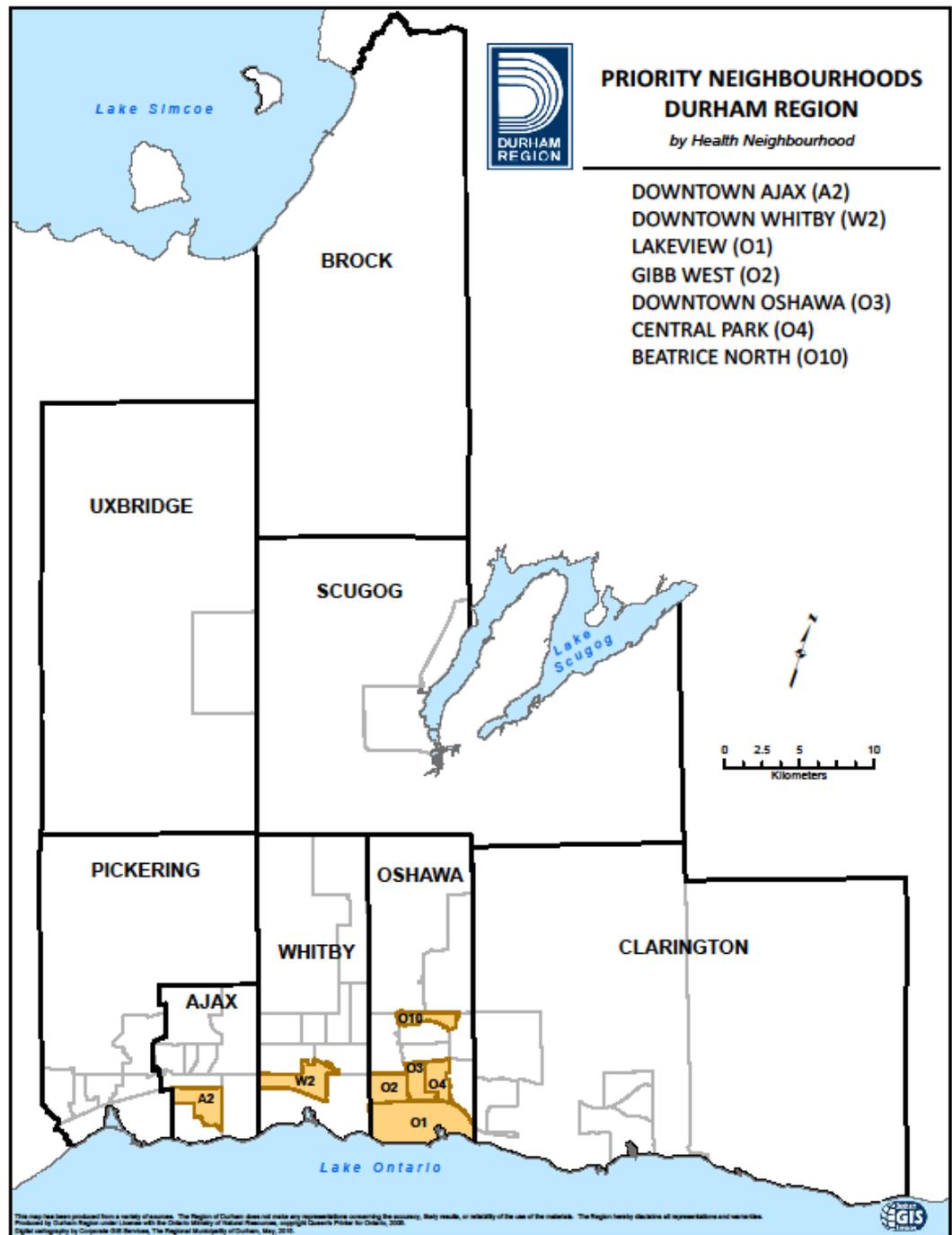


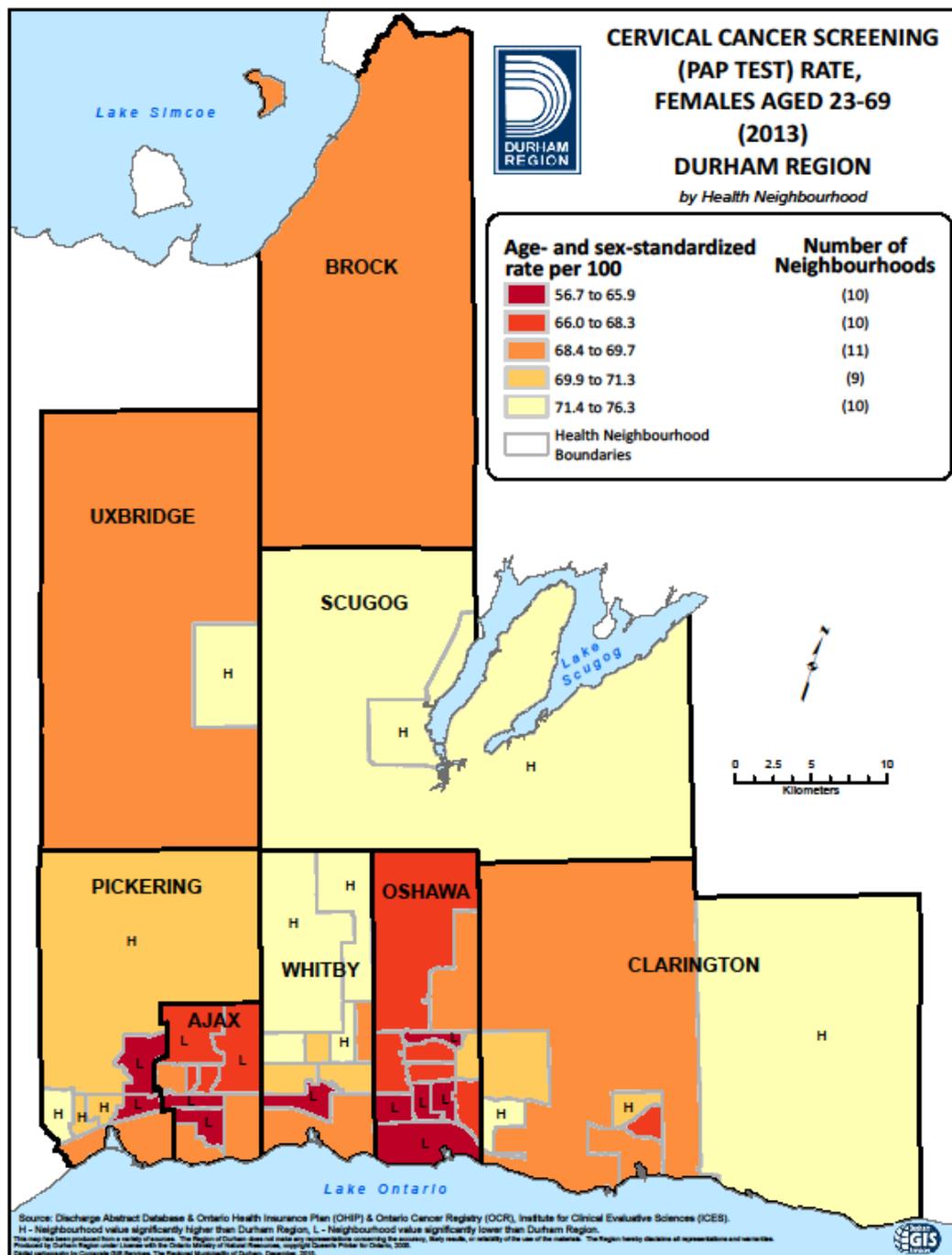
## Building on Health in Priority Neighbourhoods

### HIGHLIGHTS

December 2015

- Seven Health Neighbourhoods have been examined and identified by Durham Region Health Department as communities that require focus to build on health and well-being.
- Although the Priority Neighbourhoods have the lowest income levels of the 50 Health Neighbourhoods in Durham Region, they also have many positive attributes, community assets, resources and strengths.
- 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
- Building on partnerships and working collaboratively with the people in these communities could be the driving force for change.

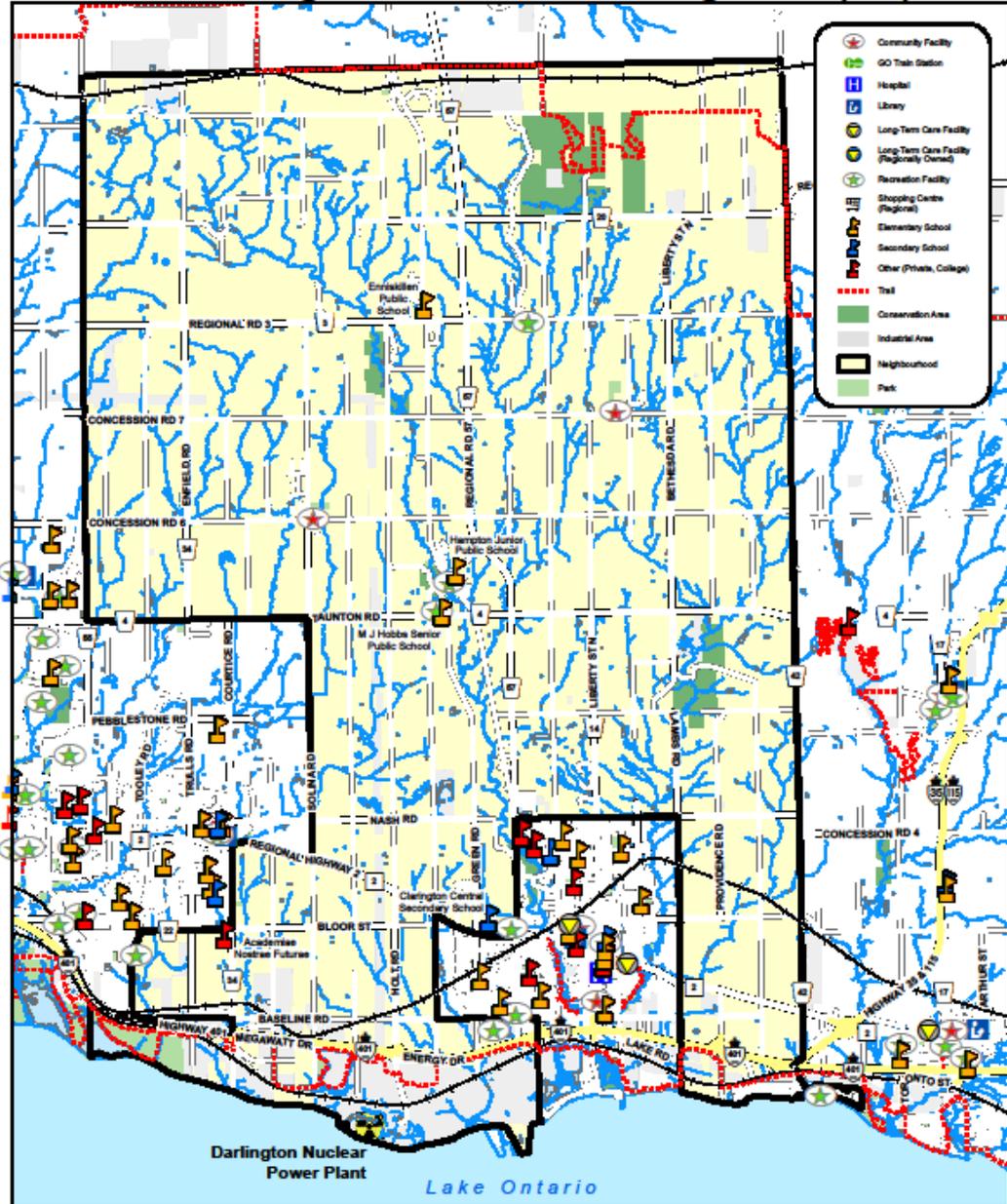




- Good news - Durham Region has significantly higher cancer screening rates than Ontario for Pap tests, mammography and colorectal cancer screening.
- Dark red areas have lowest Pap test rates and light yellow have the highest.
- “L” - neighbourhood is significantly lower than Durham Region
- “H” – neighbourhood is significantly higher.
- Range from 57 per 100 in Downtown Oshawa to 76 per 100 in Port Perry.
- The Priority Neighbourhoods and those with high populations of recent immigrants have the lowest Pap test rates.



# Darlington Health Neighbourhood - Clarington 6 (C6)



This map has been produced from a variety of sources. The Region of Durham does not make any representations concerning the accuracy, bulk 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 Canada's Printer for Ontario, 2008. Reprinted from the 2006 Census of Population and Housing. All rights reserved. NOT A PLAN OF SURVEY. Digital cartography by Corporate GIS Services, The Regional Municipality of Durham, January 2014.

# Darlington Health Neighbourhood

Population (2011): 9,240  
Population Density: 35.8 persons per square kilometre  
Number of Births (2014): 57

Demographic Indicators	Neighbourhood	Durham Region	Compared to Durham Region
Population growth rate (2006 to 2011)	-3.6%	8.6%	LOWER
Population aged 0-14 years	12.9%	18.6%	LOWER
Population aged 0-4 years	2.9%	5.7%	LOWER
Population aged 5-9 years	4.1%	6.1%	LOWER
Population aged 10-14 years	6.0%	6.8%	similar
Population aged 15-19 years	7.7%	7.7%	similar
Population aged 20-24 years	5.8%	6.5%	similar
Population aged 25-29 years	3.5%	5.7%	LOWER
Population aged 30-39 years	7.0%	12.6%	LOWER
Population aged 40-49 years	15.2%	16.5%	similar
Population aged 50-59 years	16.8%	14.8%	similar
Population aged 60-64 years	7.5%	5.5%	HIGHER
Population aged 65+ years	23.3%	12.1%	HIGHER
Female lone-parent families	6.1%	14.0%	LOWER
Seniors living alone	18.1%	21.4%	similar
Income - Low income rate	6.8%	9.9%	LOWER
Income - Children less than 6 years in low income households	7.4%	12.8%	LOWER
Income - Median after-tax household income	\$64,900	\$70,100	similar
Low education (no high school completion)	9.7%	8.9%	similar
Unemployment rate	8.2%	8.6%	similar
Commuting duration (median minutes)	25.3	30.1	similar
Aboriginal Population	2.2%	1.5%	HIGHER
Recent immigrants (in past 10 years)	0.4%	3.6%	LOWER
Visible minorities	2.1%	20.7%	LOWER

## Darlington (C6)

### Neighbourhood Profile



Demographic Indicators - Housing	Neighbourhood	Durham Region	Compared to Durham Region
Moved residence in the past year	8.7%	9.9%	similar
Households that rent	6.5%	17.3%	LOWER
Shelter costs of 30% or more of income	22.2%	25.0%	similar
Not suitable housing	3.9%	5.1%	LOWER
Major dwelling repairs needed	5.8%	5.0%	similar
<b>Early Child Development Indicators</b>			
EDI – Vulnerable in physical health and well-being	12.3%	17.2%	similar
EDI – Vulnerable in social competence	7.0%	10.4%	similar
EDI – Vulnerable in emotional maturity	5.3%	11.4%	similar
EDI – Vulnerable in language and cognitive development	7.0%	6.4%	similar
EDI – Vulnerable in communication skills and general knowledge	5.3%	10.0%	similar
EDI – Vulnerable in one or more domains	22.8%	28.9%	similar
EDI – Vulnerable in two or more domains	7.0%	13.8%	similar
SK children in excellent or very good health	92%	92%	similar
SK children living in a child-friendly neighbourhood	74%	79%	similar
SK children walking or biking to school	NR	41%	
<b>Health Indicators - General Health</b>			
Self-rated health as excellent or very good, ages 18+	65%	60%	similar
Self-rated mental health as excellent or very good, ages 18+	71%	72%	similar
Life expectancy at birth - Males (years)	81.1	80.8	similar
Life expectancy at birth - Females (years)	86.2	85.2	similar

**Darlington (C6)**  
**Neighbourhood Profile**



Health Indicators - Babies	Neighbourhood	Durham Region	Compared to Durham Region
Birth rate per 1,000	6.4	10.6	<b>LOWER</b>
Teen pregnancy rate per 1,000	18.2	25.5	similar
Births to young mothers (ages 14-23)	13.4%	11.0%	similar
Births to older mothers (ages 35+)	20.0%	21.5%	similar
Preterm birth rate in singletons	5.6%	6.8%	similar
Small-for-Gestational Age (SGA) rate	7.5%	7.8%	similar
Large-for-Gestational Age (LGA) rate	15.1%	11.7%	similar
Breastfeeding at hospital discharge rate	89.8%	88.9%	similar
Breastmilk only at hospital discharge rate	80.3%	78.3%	similar
Breastfeeding duration rate at 6 months	50%*	53%	similar
18-month enhanced Well-Baby Visit	55.0%	47.5%	similar
<b>Health Indicators - Injury Emergency Department (ED) Visits</b>			
All Injuries ED visit rate (per 1,000)	104.3	98.3	similar
Sports injuries ED visit rate (per 1,000), ages 10-14	33.9	42.2	similar
Motor vehicle traffic collision ED visit rate (per 1,000), ages 15-24	13.3	9.6	<b>HIGHER</b>
Falls ED visit rate (per 1,000), ages 0-4	59.3	55.5	similar
Falls ED visit rate (per 1,000), ages 65+	59.1	57.3	similar
<b>Health Indicators - Health Behaviours</b>			
Smoking rate, ages 18+	17%*	18%	similar
Obesity rate, ages 18+	15%*	20%	similar
Vegetable & fruit consumption rate, ages 18+ (5 or more servings per day)	47%	33%	<b>HIGHER</b>
Alcohol use in excess of Canada's Low-Risk Alcohol Drinking Guidelines, ages 18+	16%*	23%	similar
High physical activity rate, ages 18-69	62%	55%	similar
Flu immunization rate, ages 18+	59%	37%	<b>HIGHER</b>

## Darlington (C6)

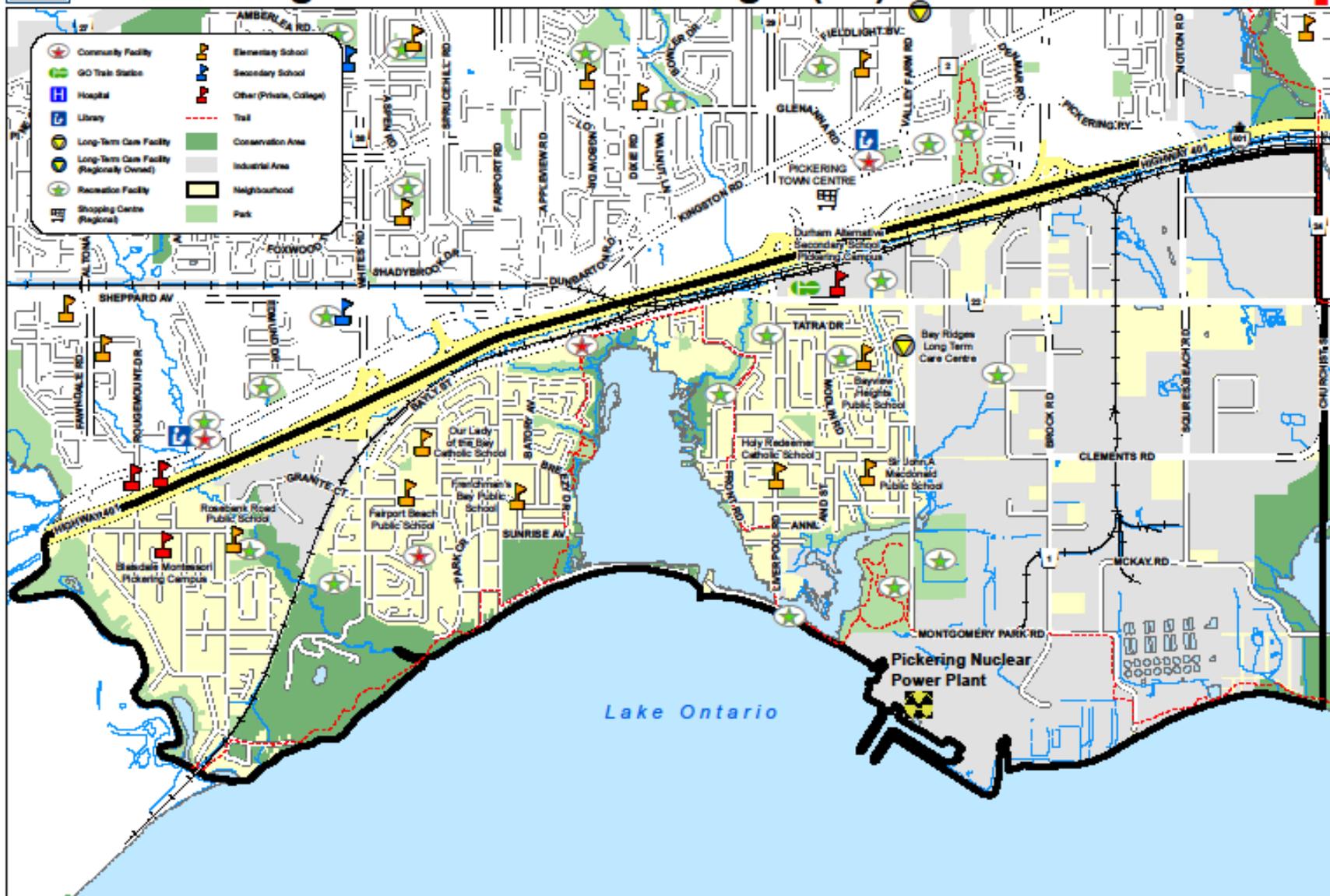
### Neighbourhood Profile



Health Indicators - Cancer Screening	Neighbourhood	Durham Region	Compared to Durham Region
Breast cancer screening (mammography) rate (per 100), females ages 52-74	68.4	63.4	HIGHER
Cervical cancer screening (Pap test) rate (per 100), females ages 23-70	68.6	68.4	similar
Overdue for colorectal cancer screening rate (per 100), ages 50-74	41.8	42.0	similar
<b>Health Indicators - Health Care</b>			
Population with primary care physician (per 100)	95.2	95.1	similar
Residence ambulance call rate (per 100)	2.7	3.9	LOWER
Residence ambulance call rate (per 100), ages 65+ years	10.7	15.5	LOWER
<b>Health Indicators - Disease prevalence, hospitalization, incidence</b>			
Asthma ED visit rate (per 1,000), ages 0-14	8.6	10.3	similar
Asthma prevalence rate (per 100), ages 0-14	18.5	19.2	similar
Diabetes prevalence rate (per 100), ages 20+	8.8	10.4	LOWER
Lung disease (COPD) prevalence rate (per 100), ages 35+	11.2	10.1	HIGHER
Cardiovascular disease hospitalization rate (per 1,000), ages 45-64	9.3	9.8	similar
Chlamydia incidence rate (per 1,000), females ages 15-24	5.8	17.2	LOWER
Enteric diseases incidence rate (per 100,000)	86.6	64.4	similar
Influenza incidence rate (per 100,000)	30.3	36.0	similar
Hepatitis C incidence rate (per 100,000)	19.5	27.9	similar
Latent Tuberculosis Infection (LTBI) incidence rate (per 100,000)	NR	33.3	similar



# Frenchman's Bay Health Neighbourhood - Pickering 1 (P1)



# Frenchman's Bay Health Neighbourhood

Population (2011): 16,875

Population Density: 940.4 persons per square kilometre

Number of Births (2014): 146

Demographic Indicators	Neighbourhood	Durham Region	Compared to Durham Region
Population growth rate (2006 to 2011)	-0.8%	8.6%	LOWER
Population aged 0-14 years	14.7%	18.6%	LOWER
Population aged 0-4 years	4.0%	5.7%	LOWER
Population aged 5-9 years	4.7%	6.1%	LOWER
Population aged 10-14 years	6.0%	6.8%	similar
Population aged 15-19 years	6.9%	7.7%	similar
Population aged 20-24 years	6.3%	6.5%	similar
Population aged 25-29 years	5.5%	5.7%	similar
Population aged 30-39 years	10.6%	12.6%	similar
Population aged 40-49 years	17.2%	16.5%	similar
Population aged 50-59 years	16.7%	14.8%	similar
Population aged 60-64 years	7.0%	5.5%	HIGHER
Population aged 65+ years	15.3%	12.1%	HIGHER
Female lone-parent families	15.9%	14.0%	similar
Seniors living alone	20.0%	21.4%	similar
Income - Low income rate	7.6%	9.9%	LOWER
Income - Children less than 6 years in low income households	5.0%	12.8%	LOWER
Income - Median after-tax household income	\$69,000	\$70,100	similar
Low education (no high school completion)	8.5%	8.9%	similar
Unemployment rate	7.8%	8.6%	similar
Commuting duration (median minutes)	30.5	30.1	similar
Aboriginal Population	0.8%	1.5%	LOWER
Recent immigrants (in past 10 years)	2.8%	3.6%	LOWER
Visible minorities	16.6%	20.7%	similar

## Frenchman's Bay (P1)

### Neighbourhood Profile



Demographic Indicators - Housing	Neighbourhood	Durham Region	Compared to Durham Region
Moved residence in the past year	8.1%	9.9%	similar
Households that rent	12.5%	17.3%	LOWER
Shelter costs of 30% or more of income	23.9%	25.0%	similar
Not suitable housing	4.1%	5.1%	LOWER
Major dwelling repairs needed	4.3%	5.0%	similar
<b>Early Child Development Indicators</b>			
EDI – Vulnerable in physical health and well-being	18.3%	17.2%	similar
EDI – Vulnerable in social competence	18.3%	10.4%	HIGHER
EDI – Vulnerable in emotional maturity	19.8%	11.4%	HIGHER
EDI – Vulnerable in language and cognitive development	9.5%	6.4%	similar
EDI – Vulnerable in communication skills and general knowledge	15.9%	10.0%	similar
EDI – Vulnerable in one or more domains	40.5%	28.9%	HIGHER
EDI – Vulnerable in two or more domains	21.4%	13.8%	HIGHER
SK children in excellent or very good health	91%	92%	similar
SK children living in a child-friendly neighbourhood	83%	79%	similar
SK children walking or biking to school	47%	41%	similar
<b>Health Indicators - General Health</b>			
Self-rated health as excellent or very good, ages 18+	61%	60%	similar
Self-rated mental health as excellent or very good, ages 18+	70%	72%	similar
Life expectancy at birth - Males (years)	79.7	80.8	similar
Life expectancy at birth - Females (years)	82.7	85.2	LOWER

## Frenchman's Bay (P1)

### Neighbourhood Profile



Health Indicators - Babies	Neighbourhood	Durham Region	Compared to Durham Region
Birth rate per 1,000	8.5	10.6	LOWER
Teen pregnancy rate per 1,000	20.8	25.5	similar
Births to young mothers (ages 14-23)	9.0%	11.0%	similar
Births to older mothers (ages 35+)	25.4%	21.5%	HIGHER
Preterm birth rate in singletons	8.4%	6.8%	similar
Small-for-Gestational Age (SGA) rate	7.1%	7.8%	similar
Large-for-Gestational Age (LGA) rate	13.4%	11.7%	similar
Breastfeeding at hospital discharge rate	94.8%	88.9%	HIGHER
Breastmilk only at hospital discharge rate	83.6%	78.3%	similar
Breastfeeding duration rate at 6 months	57%	53%	similar
18-month enhanced Well-Baby Visit	36.0%	47.5%	LOWER
<b>Health Indicators - Injury Emergency Department (ED) Visits</b>			
All Injuries ED visit rate (per 1,000)	93.1	98.3	similar
Sports injuries ED visit rate (per 1,000), ages 10-14	44.9	42.2	similar
Motor vehicle traffic collision ED visit rate (per 1,000), ages 15-24	6.7	9.6	LOWER
Falls ED visit rate (per 1,000), ages 0-4	61.2	55.5	similar
Falls ED visit rate (per 1,000), ages 65+	57.7	57.3	similar
<b>Health Indicators - Health Behaviours</b>			
Smoking rate, ages 18+	22%	18%	similar
Obesity rate, ages 18+	17%	20%	similar
Vegetable & fruit consumption rate, ages 18+ (5 or more servings per day)	37%	33%	similar
Alcohol use in excess of Canada's Low-Risk Alcohol Drinking Guidelines, ages 18+	24%*	23%	similar
High physical activity rate, ages 18-69	58%	55%	similar
Flu immunization rate, ages 18+	41%	37%	similar

# Frenchman's Bay (P1)

## Neighbourhood Profile



Health Indicators - Cancer Screening	Neighbourhood	Durham Region	Compared to Durham Region
Breast cancer screening (mammography) rate (per 100), females ages 52-74	61.0	63.4	similar
Cervical cancer screening (Pap test) rate (per 100), females ages 23-70	69.1	68.4	similar
Overdue for colorectal cancer screening rate (per 100), ages 50-74	40.7	42.0	similar
<b>Health Indicators - Health Care</b>			
Population with primary care physician (per 100)	94.4	95.1	similar
Residence ambulance call rate (per 100)	3.2	3.9	<b>LOWER</b>
Residence ambulance call rate (per 100), ages 65+ years	13.3	15.5	<b>LOWER</b>
<b>Health Indicators - Disease prevalence, hospitalization, incidence</b>			
Asthma ED visit rate (per 1,000), ages 0-14	10.5	10.3	similar
Asthma prevalence rate (per 100), ages 0-14	18.3	19.2	similar
Diabetes prevalence rate (per 100), ages 20+	9.7	10.4	<b>LOWER</b>
Lung disease (COPD) prevalence rate (per 100), ages 35+	9.4	10.1	<b>LOWER</b>
Cardiovascular disease hospitalization rate (per 1,000), ages 45-64	10.4	9.8	similar
Chlamydia incidence rate (per 1,000), females ages 15-24	18.4	17.2	similar
Enteric diseases incidence rate (per 100,000)	57.2	64.4	similar
Influenza incidence rate (per 100,000)	31.9	36.0	similar
Hepatitis C incidence rate (per 100,000)	26.0	27.9	similar
Latent Tuberculosis Infection (LTBI) incidence rate (per 100,000)	17.7	33.3	<b>LOWER</b>



# In Conclusion

- Durham Region has a variety of statistics and reports that can inform us about our community health status.
- Fall 2017 – Release 3.0 of Health Neighbourhoods with new indicators on domestic incidents and immunization, and 10 updated indicators that look at change over time.
- We use the information to plan and evaluate our programs.
- Our community partners also make good use of the data.
- We are continuing to build the information and look for new ways to present the information in ways that are useful, understandable and accessible.

## Health Statistics in Durham Region

### At A Glance Reports

- [Cancer](#) | [Infographic](#) **NEW!**
- [Demographics](#)
- [Hospitalization](#)
- [Immunization](#)
- [Infant Feeding](#)
- [Infectious Diseases](#)
- [Injuries](#)
- [Mortality](#) **NEW!**
- [Population](#)
- [Reproductive Health](#)

### Health Neighbourhoods

- [Health Neighbourhoods](#)

### Reports by Topic

- [Chronic Disease Prevention](#)  
General, Alcohol Use, Cancer, Healthy Eating & Healthy Weights, Prevalence of Chronic Diseases, Sun Safety & UV Exposure, Tobacco
- [Environmental Health](#)  
Food Safety, Health Hazard Prevention and Management Including West Nile Virus, Radiation, Safe Water
- [Family Health](#)  
Reproductive Health, Breastfeeding/Infant Feeding, Child Health
- [Infectious Diseases](#)  
Infectious Diseases Prevention & Control, Influenza, Sexually Transmitted Infections and Blood-Borne Infections, Vaccine Preventable Diseases
- [Injuries & Substance Misuse](#)  
Alcohol Use, Injuries, Substance Misuse
- [Mental Health & Well-Being](#)
- [Oral Health](#)
- [Social Determinants of Health](#)
- [Health Services and Information](#)



[Quick Facts: Antisocial Behaviour, June 2017](#)

[Facts On Condom use among those at risk for sexually transmitted infections, May 2017](#)

[Injuries at a Glance - Cycling Injuries, May 2017](#)

[Injuries at a Glance - Sports Injuries, May 2017](#)

[Facts On Multiple Sexual Partners, May 2017](#)

[Quick Facts: Elevated Stress, May 2017](#)

[Facts On Youth Sexual Activity, May 2017](#)

[Injuries at a glance: Neonatal abstinence syndrome](#)

[durham.ca/neighbourhoods](http://durham.ca/neighbourhoods)

[durham.ca/healthstats](http://durham.ca/healthstats)

## Health Statistics in Durham Region

### Environmental Health

- [Vector-Borne Diseases in Durham Region Weekly Summary Reports](#)
- [Vector-Borne Diseases Annual Report 2016 \(PDF\)](#)
- [Get Tick Smart! \(PDF\) - Lyme Disease Awareness in Durham Region, August 2015](#)
- [Infectious Diseases At A Glance \(PDF\)](#)
- [Number of Extreme Heat Days and Heat-Related Illness \(PDF\) - April 2013](#)
- [Estimating cancer risk in relation to tritium exposure from routine operation of a nuclear-generating station in Pickering, Ontario \(Chronic Diseases and Injuries in Canada, 2013\)](#)
- [Radiation & Health in Durham Region Executive Summary, 2007 English \(PDF\) | French \(PDF\)](#)
- [Radiation & Health in Durham Region Full Report, 2007 \(PDF\)](#)

### Durham Nuclear Health Committee

#### Overview

In 1992, Ontario's Environmental Assessment Advisory Committee conducted public hearings regarding the proposed expansion of the Ajax Water Supply Plant and recommended that the Durham Nuclear Health Committee (DNHC) be established. After thorough consultation with key stakeholders, the Council of the Regional Municipality of Durham created the DNHC in the fall of 1995.

The DNHC shall act as a forum for primarily discussing and addressing radiological emissions from nuclear facilities in Durham Region to assess the potential environmental human health impacts.

DNHC is chaired by the Region's Commissioner & Medical Officer of Health. Membership of the DNHC consists of nine public members from Whitby, Oshawa, Ajax, Clarington and Pickering who are appointed by Council, two representatives of Ontario Power Generation (OPG), and four Provincial/Regional government representatives.

The DNHC meets approximately once every two months at Regional Headquarters. Check the latest draft agenda for current meeting location.

[Darlington Nuclear](#)

[Pickering Nuclear](#)



[durham.ca/DNHC](http://durham.ca/DNHC)

# Questions?

