



# The Journey Continues: Release 4

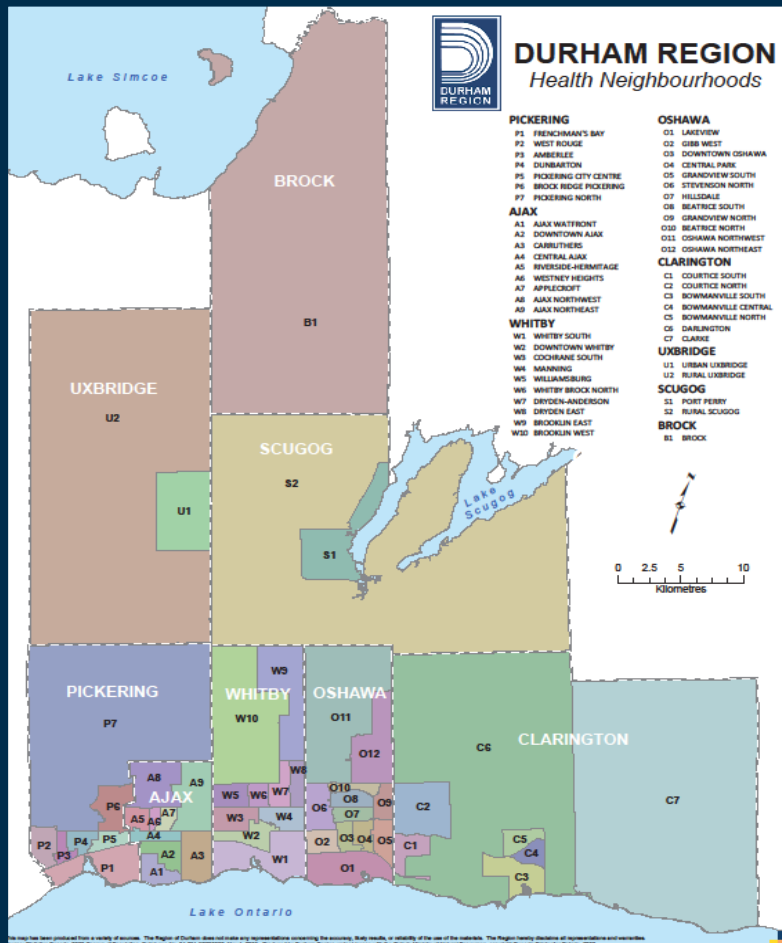
Alexandra Swirski, Epidemiologist

Durham Region Health Department

Durham Nuclear Health Committee: Sep 16, 2022



# What are the Health Neighbourhoods?



7

Pickering

9

Ajax

10

Whitby

12

Oshawa

7

Clarington

2

Uxbridge

2

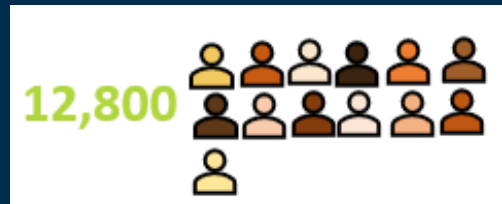
Scugog

1

Brock

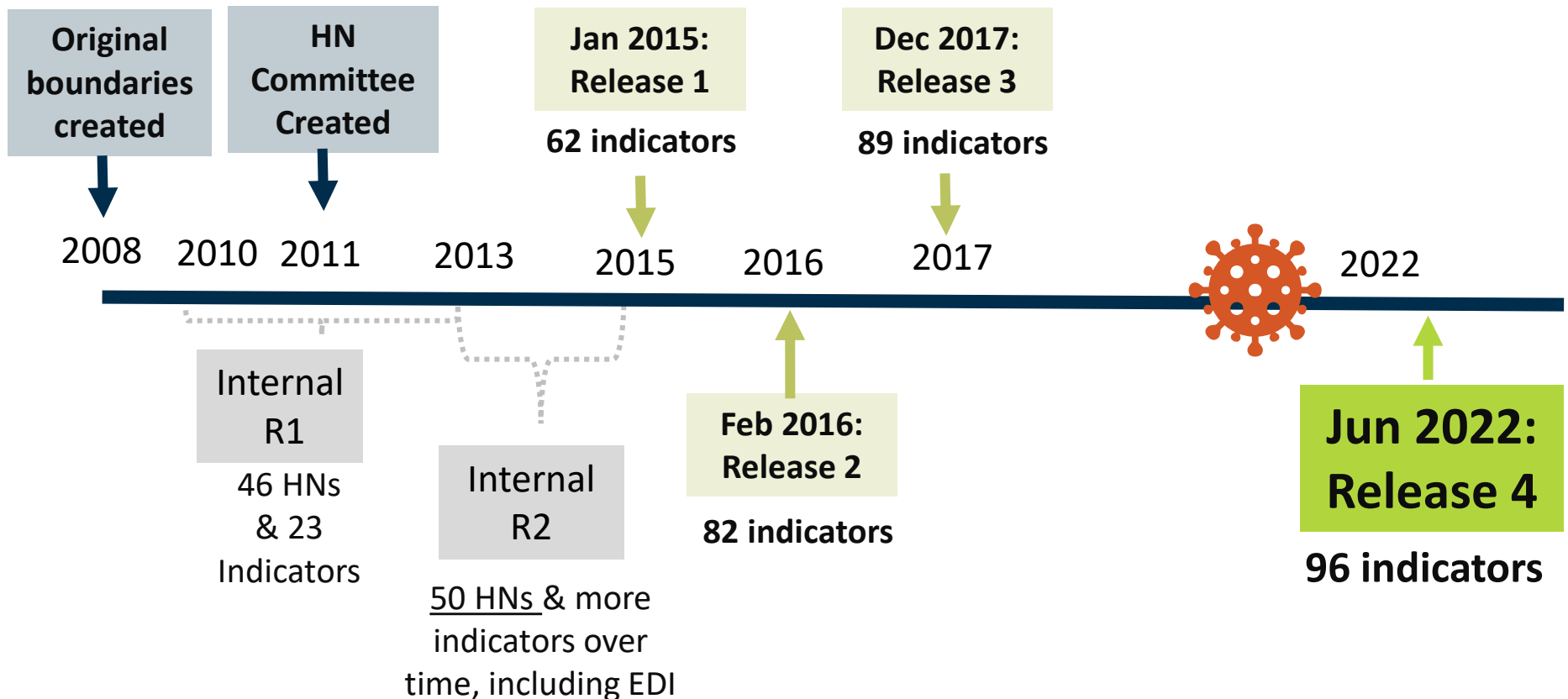
50

Health Neighbourhoods



# Health Neighbourhood Releases

Health Neighbourhoods is a constantly evolving project which continues to expand and improve.



# Your health depends a lot on where you live

## The key social determinants of health are:



Access to health services



Culture, race and ethnicity



Disability



Early childhood development



Education, literacy and skills



Employment, job security and working conditions



Food insecurity



Gender identity and expression



Housing



Income and income distribution



Indigenous status



Personal health practices and resiliency



Physical environments



Sexual orientation and attraction



Social inclusion/exclusion



Social support networks

# Health Neighbourhoods Help us to Help Others



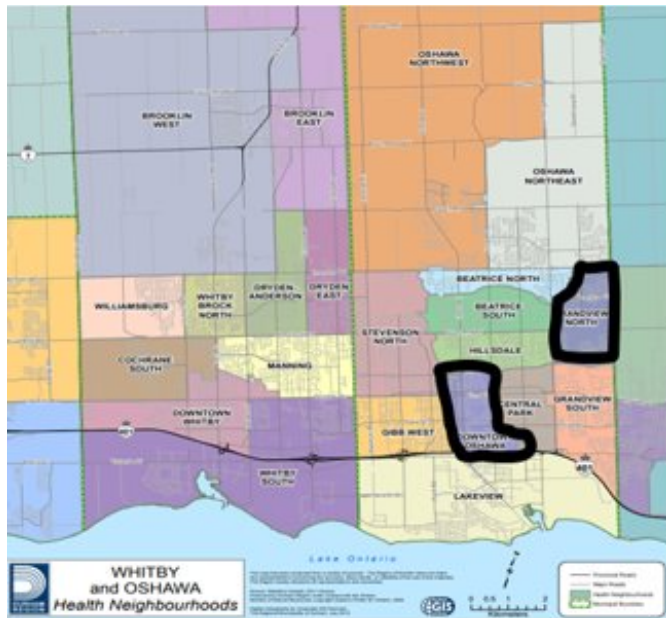
Despite indicators that reflect good health, it is clear that health varies by where you live. Most indicators reveal a very wide range by Neighbourhood, which shows that there is much room for improvement. The Health Neighbourhood maps provide communities with the information they need to take action. It is not the responsibility of one organization to improve the health of the community but everyone's job to work towards health for all. No one can do everything, everyone can do something. Together we can all make Durham Region healthier.

... Overview Report: Health Neighbourhoods in Durham Region

## By...

- Allowing analysis below the municipal level
- Providing local data for evidence informed decision making
- Helping identify priority populations geographically and address the social determinants of health
- Increasing awareness of how the local community can affect health
- Facilitating work with other Departments, organizations, and community partners

# Just 3 km but worlds apart...



Downtown  
Oshawa

Grandview  
North

53%



3%

Children <6 in low income households

68  
years



82  
years

Baby boy's life expectancy

112  
per 10,000



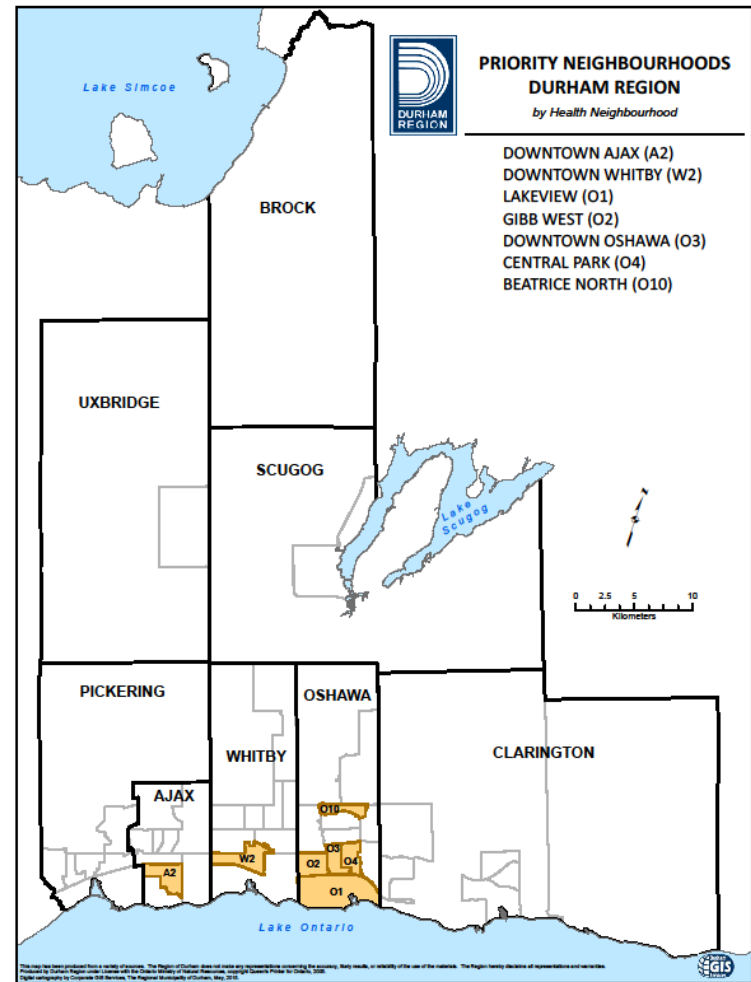
14  
per 10,000

Police-reported domestic incidents

# 7

## Priority Neighbourhoods

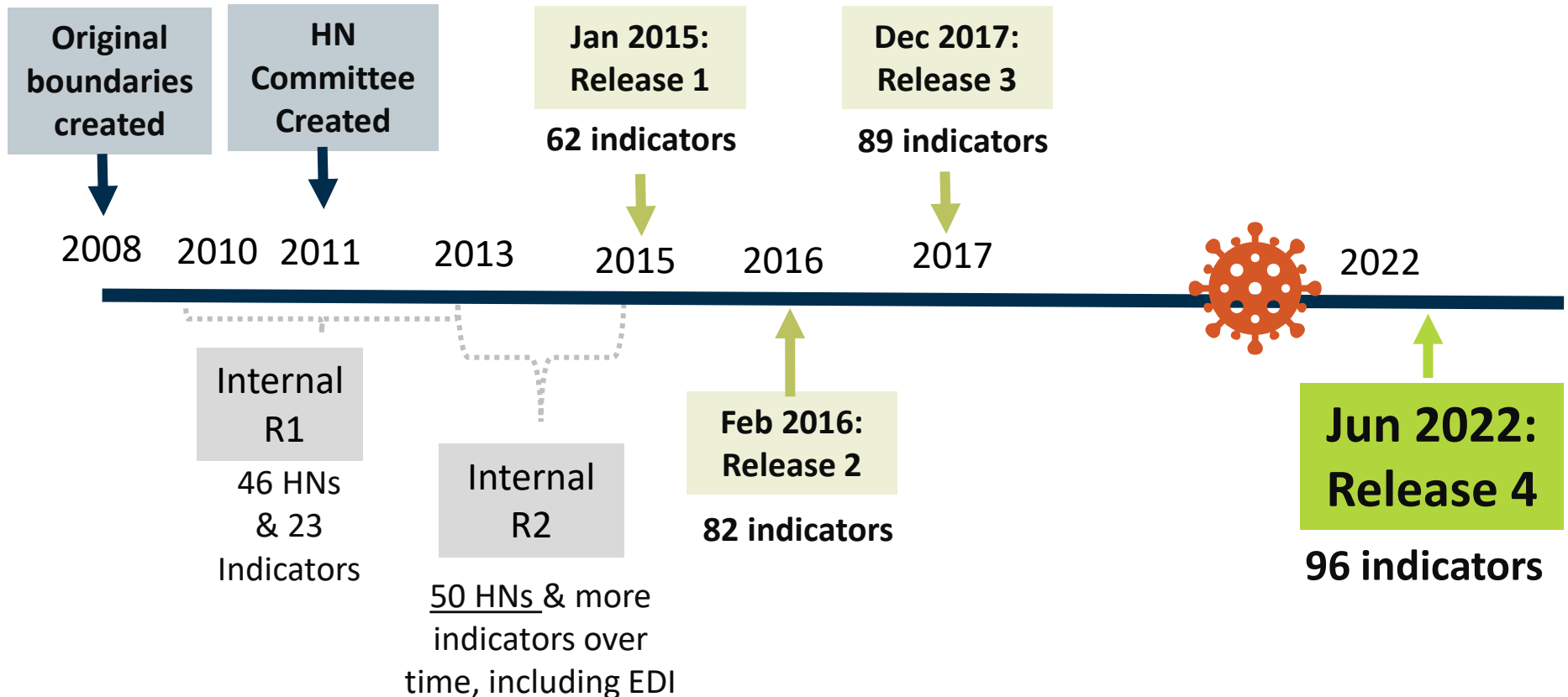
### 1 in 6



- Communities that require focus to build on health and well-being
- Lowest income levels in Durham
- Many community strengths and assets

# Health Neighbourhood Releases

Health Neighbourhoods is a constantly evolving project which continues to expand and improve.





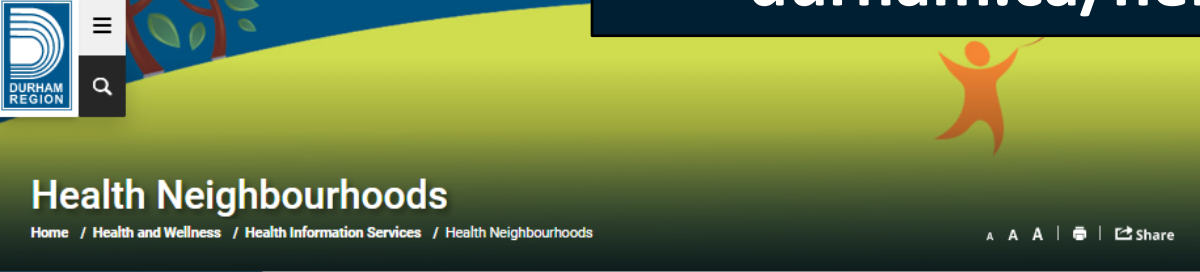
# What's New in Release 4?

June 2022

**We have changed how we view and interact with Neighbourhoods data.**

## Updates include:

- New map viewer platform
- Online dashboards for data visualization replaced the PDF indicator summaries and Neighbourhood Profiles used in earlier releases
- Neighbourhood's data can now also be explored, filtered, and downloaded through the open data portal



- Health Information Services
- Durham Health Stats
- Health Care
- Health Neighbourhoods**
- Information Practices / Client Safety / Customer Service Standards
- Outbreaks, Recalls, Advisories and Alerts
- Public Access to Defibrillators
- Alcohol, Cannabis, Drugs and Smoking
- Babies and Toddlers
- Child Health and School-Age Children
- Clinics and Classes Calendar
- COVID-19 Update
- Domestic Violence
- Dental and Oral Health
- Environment and Your Health
- Health Care Professionals
- Health Check-Up, Performance Reports and Health Plans
- Healthy Living

Hide Left Content  Hide Contact

Updated June 2022

Durham Region has 50 Health Neighbourhoods. We present 96 indicators by Health Neighbourhood and municipality to tell us about the demographics and health of our communities. Strong, safe and equitable neighbourhoods can improve the health and well-being of all residents across Durham Region.

### Map viewer

An [interactive map](#) that views information by Health Neighbourhood.

### Indicator summaries

[Interactive summaries](#) show how an indicator ranges across Durham Region using maps and tables.

### Neighbourhood profiles

[Interactive profiles](#) give information for a particular neighbourhood or municipality and show how the area compares with Durham Region and Ontario.

## Health neighbourhoods resources

- Reports
- Frequently asked questions (FAQs) about Health Neighbourhoods in Durham Region

Interested in points of interest (e.g., schools, services, clinics) within a community or area?

Interested in exploring how an indicator varies across Durham Region and compares to the municipal, regional, or provincial values?

Interested in a particular Health Neighbourhood or municipality?

# Health Neighbourhood Profiles & Indicator Summaries

Interactive: Explore by indicator or Neighbourhood.

- Quickly compare between different indicators and time periods
- Compare Health Neighbourhoods, municipality, and Durham Region

### Health Neighbourhoods in Durham Region

#### Indicator Summaries

Summaries show how an indicator ranges across Durham Region using maps, tables and notes to explain data. Select an indicator type from the boxes below to learn more.

[Download Data](#)

**Socio-Demographics** | **Child Health** | **General Health** | **Health Behaviours & Risks**

- Demographics
  - Aboriginal population
    - 2016
    - Female lone-parent families
    - Foreign-born population
    - Home language not English
    - Non-English speakers
    - Recent newcomers
    - Seniors living alone
    - Visible minorities
  - Housing

### Health Neighbourhoods in Durham Region

#### Neighbourhood Profiles

Profiles give information for a particular neighbourhood or municipality and show how the area compares with Durham Region. Select a municipality and neighbourhood from the boxes below to learn more.

[Download Data](#)

**Pickering** | **Ajax** | **Whitby** | **Oshawa** | **Clarington** | **Scuog** | **Uxbridge** | **Brock** | **Durham Region**

#### Description

Select a Health Neighbourhood to learn more

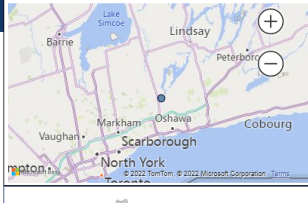
Durham Region

Durham Region is situated in the highly developed and populated economic centre of Ontario's Golden Horseshoe which stretches from Oshawa to Niagara Falls. It lies immediately to the east of the City of Toronto within the Greater Toronto Area (GTA) and encompasses an area of approximately 2,590 square kilometres (1,000 square miles). Durham Region is characterized by a variety of landscapes and communities. A series of major lakeshore urban communities contrast with a variety of small towns, villages, hamlets and farms which lie immediately inland. There are 50 Health Neighbourhoods within the eight municipalities of Pickering, Ajax, Whitby, Oshawa, Clarington, Scuog, Uxbridge and Brock.

#### Durham Region

#### Stats At A Glance

|                                   |          |
|-----------------------------------|----------|
| Population (2016):                | 639,495  |
| Population Growth (2011 to 2016): | 5.2%     |
| Number of Live Births (2018):     | 6,318    |
| Percentage of Seniors (2016):     | 13.8%    |
| Percentage Foreign-Born (2016):   | 23.6%    |
| Median Income After-Tax (2015):   | \$77,398 |



Durham Region is situated in the highly developed and populated economic centre of Ontario's Golden Horseshoe which stretches from Oshawa to

# Health Neighbourhood Profiles

Displays all available data for a Health Neighbourhood or municipality.

| Socio-Demographics             |  | Child Health               |               | General Health            |                     | Health Behaviours & Risks |  | Most Recent Data |  |  |
|--------------------------------|--|----------------------------|---------------|---------------------------|---------------------|---------------------------|--|------------------|--|--|
| General Health Profile         |  |                            |               |                           |                     |                           |  |                  |  |  |
| Category                       | Indicator Name                         | Year                       | Value         | Compared to Durham Region | Compared to Ontario |                           |  |                  |  |  |
| Chronic diseases               | Asthma emergency visits in children    | 2010-2012                  | 6.9 per 1,000 | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2015-2017                  | 4.7 per 1,000 | similar                   | similar             |                           |  |                  |  |  |
|                                | Asthma prevalence in children          | 2013                       | 21.4 per 100  | similar                   | HIGHER              |                           |  |                  |  |  |
|                                |  | 2016                       | 17.5 per 100  | similar                   | HIGHER              |                           |  |                  |  |  |
|                                | Cardiovascular disease hospitalization | 2010-2012                  | 8.8 per 1,000 | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2015-2017                  | 8.6 per 1,000 | similar                   | similar             |                           |  |                  |  |  |
|                                | Diabetes incidence                     | 2013                       | 5.6 per 1,000 | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2016                       | 6.4 per 1,000 | similar                   | similar             |                           |  |                  |  |  |
|                                | Diabetes prevalence                    | 2013                       | 9.4 per 100   | LOWER                     | similar             |                           |  |                  |  |  |
|                                |  | 2016                       | 10.3 per 100  | similar                   | similar             |                           |  |                  |  |  |
|                                | Hypertension prevalence                | 2013                       | 24.0 per 100  | similar                   | HIGHER              |                           |  |                  |  |  |
|                                |  | 2016                       | 23.2 per 100  | similar                   | HIGHER              |                           |  |                  |  |  |
| Lung disease (COPD) prevalence |  | 2013                       | 9.9 per 100   | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2016                       | 10.1 per 100  | similar                   | similar             |                           |  |                  |  |  |
|                                | Obesity                                | 2009-2013                  | 19%           | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2014-2018                  | 22%           | similar                   | similar             |                           |  |                  |  |  |
|                                | Health & longevity                     | Life expectancy in females | 2009-2013     | 84.8 years                | similar             | similar                   |  |                  |  |  |
|                                |  |                            | 2014-2018     | 85.9 years                | HIGHER              | HIGHER                    |  |                  |  |  |
| Life expectancy in males       |  | 2009-2013                  | 80.5 years    | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2014-2018                  | 82.3 years    | HIGHER                    | HIGHER              |                           |  |                  |  |  |
| Premature mortality in females | 2012-2016                              | 8.6 per 1,000              | similar       | similar                   |                     |                           |  |                  |  |  |
| Premature mortality in males   | 2012-2016                              | 12.6 per 1,000             | similar       | similar                   |                     |                           |  |                  |  |  |
| Self-rated health              |  | 2009-2013                  | 66%           | similar                   | similar             |                           |  |                  |  |  |
|                                |  | 2014-2018                  | 51%           | similar                   | similar             |                           |  |                  |  |  |

## Health Neighbourhoods in Durham Region

### Neighbourhood Profiles

Profiles give information for a particular neighbourhood or municipality and show how the area compares with Durham Region. Select a municipality and neighbourhood from the boxes below to learn more.

[Download Data](#)

[Pickering](#)
[Ajax](#)
[Whitby](#)
[Oshawa](#)
[Clarington](#)
[Scuqog](#)
[Uxbridge](#)
[Brock](#)
[Durham Region](#)

### Description

Select a Health Neighbourhood to learn more

Durham Region

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## Durham Region

### Stats At A Glance

Population (2016): 639,495

Population Growth (2011 to 2016): 5.2%

Number of Live Births (2018): 6,318

Percentage of Seniors (2016): 13.8%

Percentage Foreign-Born (2016): 23.6%

Median Income After-Tax (2015): \$77,398

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# Indicator Summaries

Compare indicators across Health Neighbourhoods, municipality, Durham Region, and Ontario.

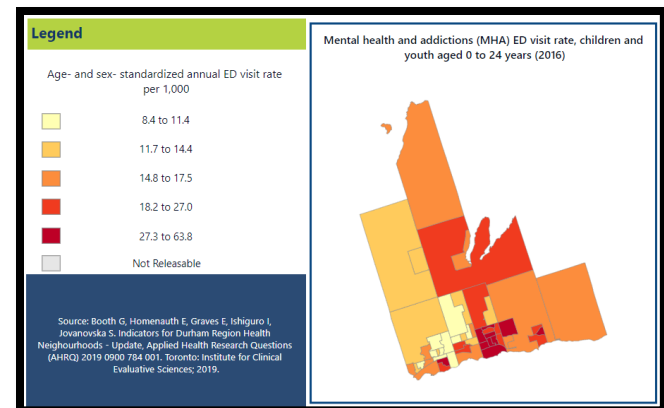
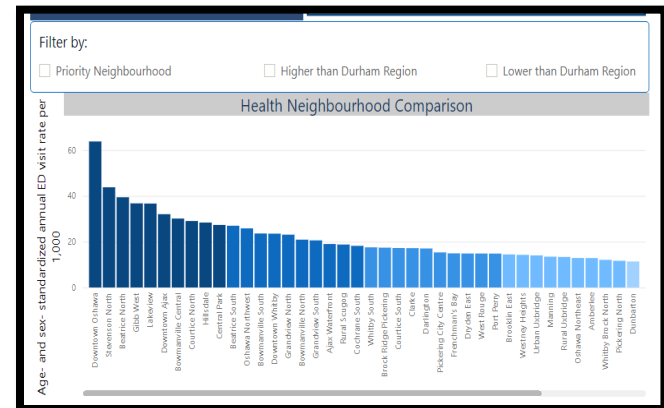
Can filter data based on:

- Higher or lower than Durham Region
- Priority Neighbourhood

## MHA emergency visits, ages 0 to 24 by Municipality

Age- and sex- standardized annual ED visit rate per 1,000

| Order | Municipality            | Value | Comparison to Durham Region | Comparison to Ontario |
|-------|-------------------------|-------|-----------------------------|-----------------------|
| 1     | Pickering               | 14.0  | LOWER                       | LOWER                 |
| 2     | Ajax                    | 12.9  | LOWER                       | LOWER                 |
| 3     | Whitby                  | 14.5  | LOWER                       | LOWER                 |
| 4     | Oshawa                  | 31.2  | HIGHER                      | HIGHER                |
| 5     | Clarington              | 21.2  | similar                     | HIGHER                |
| 6     | Scugog                  | 17.2  | LOWER                       | LOWER                 |
| 7     | Uxbridge                | 13.9  | LOWER                       | LOWER                 |
| 8     | Brock                   | 15.1  | similar                     | similar               |
| 9     | Priority Neighbourhoods | 36.1  | HIGHER                      | HIGHER                |
| 10    | Durham Region           | 18.9  | --                          | similar               |
| 11    | Ontario                 | 19.0  | --                          | --                    |

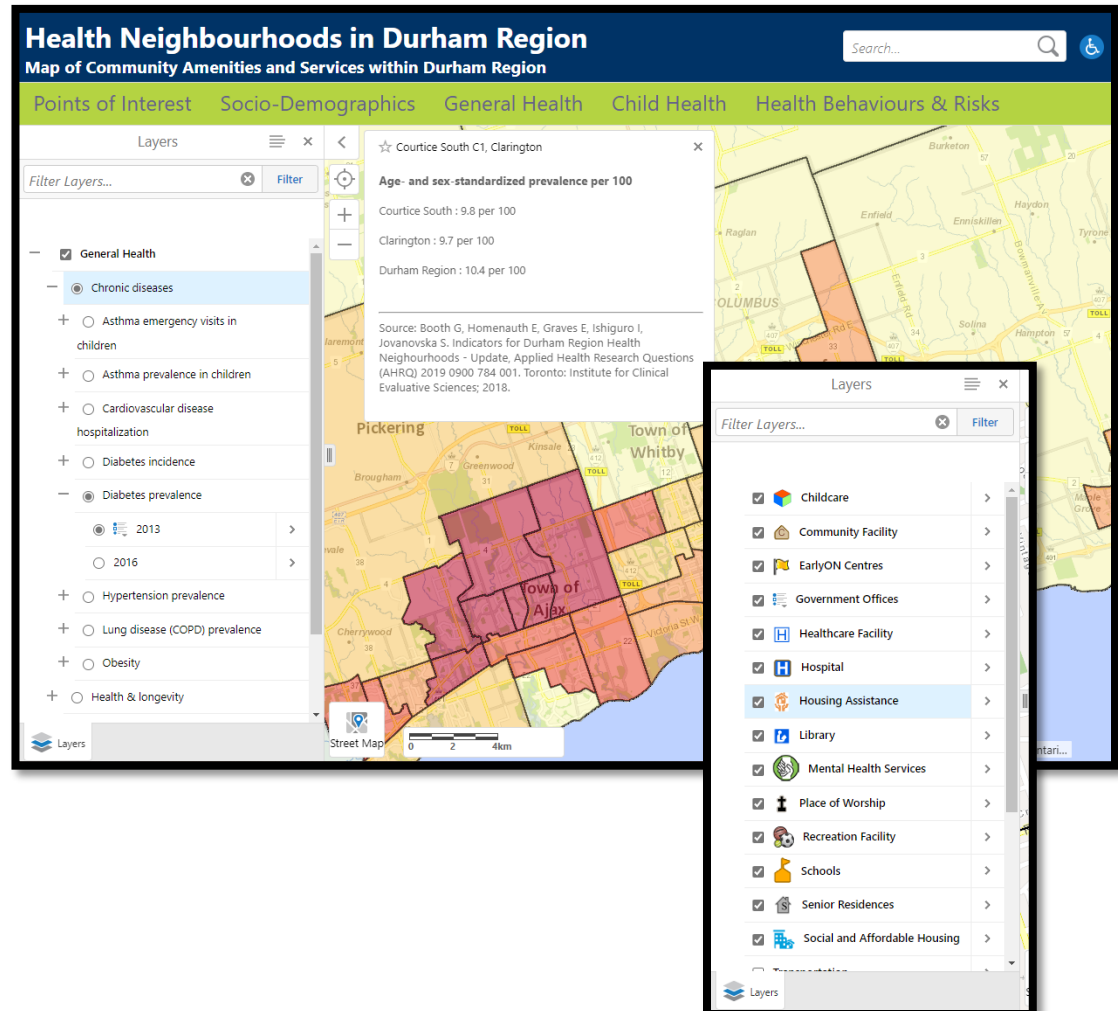


# Map Viewer

Explore indicator data by location and Neighbourhood.

**Find points of interest:** Services, schools, childcare, health care, housing, transportation, and more

- Mobile and desktop friendly
- Conforms to Web Content Accessibility Guidelines (WCAG)



# Open Data

All data are available on Durham Region's Open Data site where they can be explored, filtered, and downloaded.

The screenshot displays the 'Health Neighbourhoods - Data Table' on the Regional Municipality of Durham's Open Data portal. The table lists various health indicators for the year 2016 across different municipalities. A filter overlay is active, showing that the 'MUNICIPALITY' filter is set to 'Ajax', which results in 17.97% of the data being displayed. The table columns include INDICATORNAME, YEAR, MUNICIPALITY\_NAME, MUNICIPAL\_ID, MUNICIPALITY, VALUE, and FORMATVALUE.

**Regional Municipality of Durham**  
Health Neighbourhoods - Data Table

Showing 50 of 7,962 rows

| INDICATORNAME   | YEAR | MUNICIPALITY_NAME        | MUNICIPAL_ID | MUNICIPALITY | VALUE      | FORMATVALUE |
|-----------------|------|--------------------------|--------------|--------------|------------|-------------|
| Live birth rate | 2016 | Rural Uxbridge (U2)      | U2           | Uxbridge     | 5.79038796 | 5.8         |
| Live birth rate | 2016 | Port Perry (S1)          | S1           | Scugog       |            |             |
| Live birth rate | 2016 | Riverside-Hermitage (A5) | A5           | Ajax         |            |             |
| Live birth rate | 2016 | Darlington (C6)          | C6           | Clarington   |            |             |
| Live birth rate | 2016 | Cochrane South (W3)      | W3           | Whitby       |            |             |
| Live birth rate | 2016 | Rural Scugog (S2)        | S2           | Scugog       |            |             |
| Live birth rate | 2016 | Urban Uxbridge (U1)      | U1           | Uxbridge     |            |             |
| Live birth rate | 2016 | Ajax Waterfront (A1)     | A1           | Ajax         |            |             |
| Live birth rate | 2016 | Oshawa Northwest (O11)   | O11          | Oshawa       |            |             |
| Live birth rate | 2016 | Stevenson North (O6)     | O6           | Oshawa       |            |             |
| Live birth rate | 2016 | Amberlee (P3)            | P3           | Pickering    |            |             |
| Live birth rate | 2016 | Manning (W4)             | W4           | Whitby       |            |             |
| Live birth rate | 2016 | Beatrice South (O8)      | O8           | Oshawa       | 8.61731297 | 8.6         |
| Live birth rate | 2016 | West Rouge (P2)          | P2           | Pickering    | 8.63309353 | 8.6         |
| Live birth rate | 2016 | Williamsburg (W5)        | W5           | Whitby       | 8.67724868 | 8.7         |
| Live birth rate | 2016 | Pickering North (P7)     | P7           | Pickering    | 8.81057269 | 8.8         |
| Live birth rate | 2016 | Dunbarton (P4)           | P4           | Pickering    | 8.84758364 | 8.8         |

**Regional Municipality of Durham**  
Health Neighbourhoods - Data Table

**Filters**

MUNICIPALITY

Ajax 17.97%

Search values

Select attribute filters (20)

INDICATORNAME iT

YEAR iT

I want to use this >

# Helpful Resources

## Health neighbourhoods resources

Reports

**Durham Region Health Profile**

- Overview Report
- Infographic: Immunization Rates in Children
- Making Children the Priority: Early Childhood Development in Priority Neighbourhoods
- Building on Health in Priority Neighbourhoods
- A Guide to Health Neighbourhoods

Frequently asked questions (FAQs) about Health Neighbourhoods in Durham Region

June 2022

How do I navigate the Health Neighbourhoods website?

What's new in Release 4?

Health Neighbourhoods Release 4 was launched in June 2022 and featured a new Map Viewer platform and online dashboards to replace the PDF summaries and profiles used in earlier versions.

This release also included:

- 96 indicators in total
- 22 new indicators
- 66 indicators with time comparisons
- 33 socio-demographic indicators updated with 2016 census data

What new indicators were added in June 2022 as part of Release 4?

Where does the data come from?

How did you choose the indicators?

How did you create the Health Neighbourhood boundaries?

How do I cite Health Neighbourhoods information?

Where did the "Points of Interest" on the Map Viewer come from?

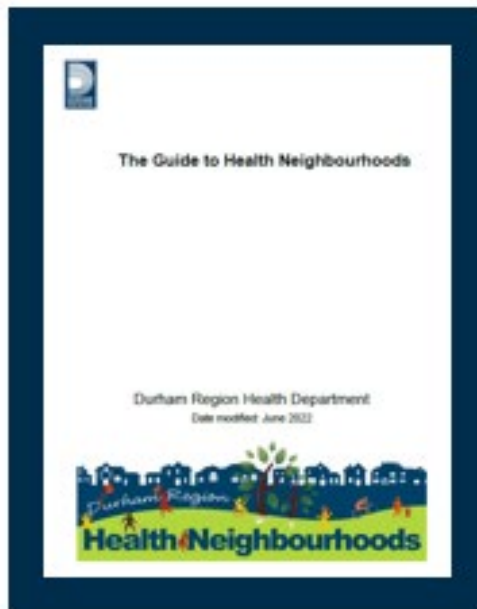
What are the Priority Neighbourhoods and how were they determined?

What is the Health Department doing about Priority Neighbourhoods?

What is the Health Department doing to create healthier Neighbourhoods?

Why is the health information for my Neighbourhood different from my personal experience?

When will you update the Health Neighbourhoods information?



**Health Neighbourhoods**

**Durham Region Health Profile**

June 2022

The Region of Durham is situated in the highly developed and prosperous economic center of Ontario's Golden Horseshoe which stretches from Ottawa to Niagara Falls. Durham Region lies immediately to the east of the City of Toronto within the Greater Toronto Area and encompasses an area of approximately 1,500 square kilometers (580 square miles). The area is characterized by a variety of landscapes and communities. A variety of major infrastructure corridors contrast with a variety of rural forests, villages, hamlets and farms which lie immediately inland. There are eight municipalities in Durham Region: Pickering, Ajax, Whitby, Oshawa, Clarington, Scrimgeour, Uxbridge and Brock.

| Stats at a Glance                              |          |
|--|----------|
| Population (2016)                              | 626,406  |
| Population Growth (2011 to 2016)               | 3.2%     |
| Number of Live Births (2016)                   | 6,218    |
| Percentage of Seniors in the Population (2016) | 13.6%    |
| Percentage of Foreign-Born (2016)              | 23.6%    |
| Median After-Tax Household Income (2015)       | \$37,398 |

Health Neighbourhoods Profile

**Alex Swirski, MSc**  
Epidemiologist – Health Neighbourhoods,  
Health Equity & Healthy Environments,  
Durham Region Health Department  
[Alexandra.Swirski@durham.ca](mailto:Alexandra.Swirski@durham.ca)



# What's New in Release 4?

## Indicator Updates

### 20 new indicators

- 3– Child health
- 8– General health
- 4– Health behaviours & risks
- 5– Socio-demographics

### Updated time comparisons

- 48 indicators updated with two time-point comparisons
- 6 school readiness indicators updated with three time-point comparisons

**10  
indicators  
modified or  
re-named**

# Next Steps

Health Neighbourhoods is a constantly evolving project which continues to expand and improve.

New dashboard for timepoint comparisons

New & updated indicators

Knowledge translation & transfer products

We'd love your feedback!

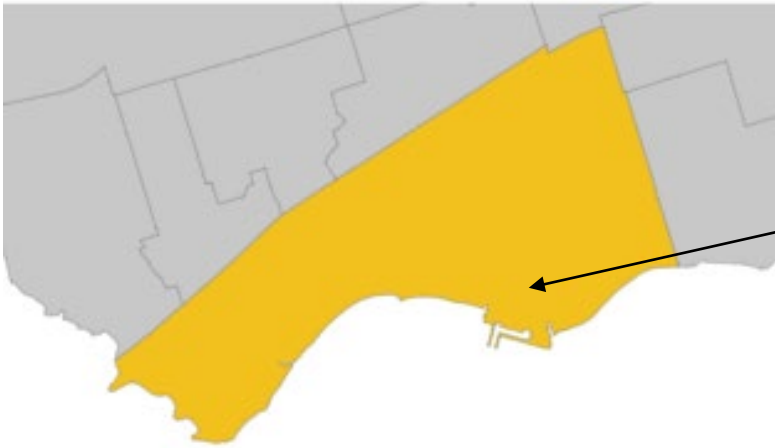


# Health Neighbourhood Overview:

## Frenchman's Bay & Darlington



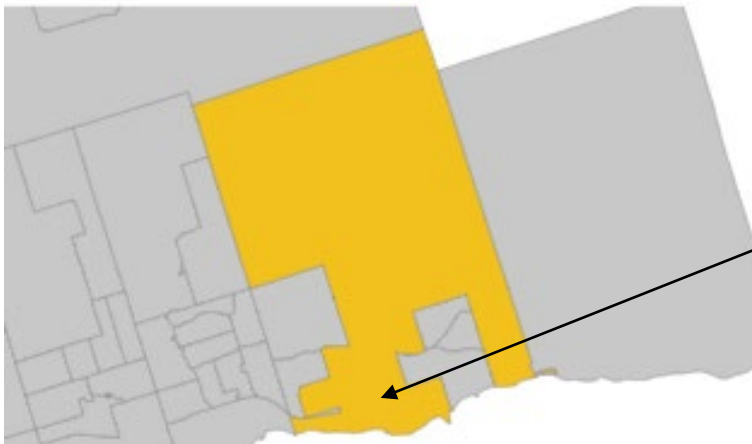
# Frenchman's Bay



**Pickering Nuclear Generating Station**



# Darlington



**Darlington Nuclear Generating Station**



# If there were only 100 residents, what would the population look like?

## Frenchman's Bay

4

0 to 4  
years

10

5 to 14  
years

12

15 to 24  
years

57

25 to 64  
years

17

65+  
years

## Darlington

6

0 to 4  
years

10

5 to 14  
years

12

15 to 24  
years

50

25 to 64  
years

22

65+  
years

# If there were only 100 residents, what would culture, language & diversity look like?

## Frenchman's Bay

2



Aboriginal

24

Visible  
minority

25



Foreign  
born

3

Recent  
newcomers

1



Do not speak  
English

6

Do not speak  
English at home

## Darlington

2



Aboriginal

8

Visible  
minority

15



Foreign  
born

1

Recent  
newcomers

1



Do not speak  
English

4

Do not speak  
English at home

# If there were only 100 residents, what would income and employment look like?

## Frenchman's Bay

**\$75,688**

Median income after tax

**8**



Low-income households

**32**

Spend >30% on housing

**63**



Post-secondary education

**91**

Employed

## Darlington

**\$78,552**

Median income after tax

**6**



Low-income households

**18**

Spend >30% on housing

**64**



Post-secondary education

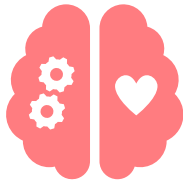
**94**

Employed

# If there were only 100 residents, what would general health and wellness look like?

## Frenchman's Bay

46



Self-rated  
health is good

65

Self-rated  
mental is good

16



Children with  
asthma

9

Adults with  
COPD

23



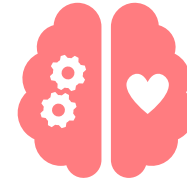
Adults with high  
blood pressure

10

Adults with  
diabetes

## Darlington

59



Self-rated  
health is good

68

Self-rated  
mental is good

16



Children with  
asthma

11

Adults with  
COPD

21



Adults with high  
blood pressure

9

Adults with  
diabetes



# If there were only 100 residents, what would general health behaviours and risks look like?

## Frenchman's Bay

3



Ambulance calls

26

Non-urgent ambulance calls

60



Breast cancer screening

65

Cervical cancer screening

13



Smoking

## Darlington

3



Ambulance calls

21

Non-urgent ambulance calls

65



Breast cancer screening

66

Cervical cancer screening

11



Smoking



## Health Neighbourhoods

Home / Health and Wellness / Health Information Services / Health Neighbourhoods

A A A | | Share

- Health Information Services
- Durham Health Stats
- Health Care
- Health Neighbourhoods**
- Information Practices / Client Safety / Customer Service Standards
- Outbreaks, Recalls, Advisories and Alerts
- Public Access to Defibrillators
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- Reports
- Frequently asked questions (FAQs) about Health Neighbourhoods in Durham Region

Interested in points of interest (e.g., schools, services, clinics) within a community or area?

Interested in exploring how an indicator varies across Durham Region and compares to the municipal, regional, or provincial values?

Interested in a particular Health Neighbourhood or municipality?



# Questions?

