



# Tools to Inform: Introducing Data Trackers for Population, Cancer and Maternal & Infant Health

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# Overview

## Population

**Durham Region Population Data Tracker**  
2021 Population Snapshot  
Date Last Updated: September 2022

Snapshot Trends Population Pyramid Percentage Change

This Dashboard is best viewed on a computer or tablet as not all features to select or view certain data are available on mobile devices.

The Population at a Glance dashboard provides population counts and selected demographic indicators by year for Durham Region and its eight municipalities. The dashboard is updated annually.

Region

- Ajax
- Brock
- Clarington
- Oshawa
- Pickering
- Scugog
- Uxbridge
- Whitby

Click on the "Region" filter to view the population metrics by municipality. Click the eraser on the "Region" filter to deselect municipalities.

[Durham.ca/population](https://durham.ca/population)

## Cancer

**Durham Region Cancer Data Tracker**  
Cancer Overview  
Date Last Updated: November, 2022

Snapshot Incidence Mortality Compared to Ontario Technical Notes

This Dashboard is best viewed on a computer or tablet as not all features to select or view certain data are available on mobile devices.

The Cancer at a Glance dashboard provides information about cancer incidence (diagnosed cases of cancer) and mortality (deaths from cancer) for Durham Region and Ontario. We present cancer rates for males and females, by age group, cancer site and year. Although all cancers are characterized by uncontrolled growth and spread of abnormal cells, cancer is not one disease, but many. Each type of cancer has different causes, risk factors, preventive factors and characteristics.

There were 31,763 newly diagnosed cases of cancer and 10,795 cancer deaths among Durham Region residents between 2010 and 2018.

**Top Five Cancers in Durham Region (2010-2018)**

Five Most Common Cancers

[Durham.ca/cancerstats](https://durham.ca/cancerstats)

## Maternal and Infant Health

**Durham Region Maternal & Infant Health Data Tracker**  
Last updated: February 2023

Summary Pregnancy and Birth Maternal Health Birth Outcomes Breastfeeding

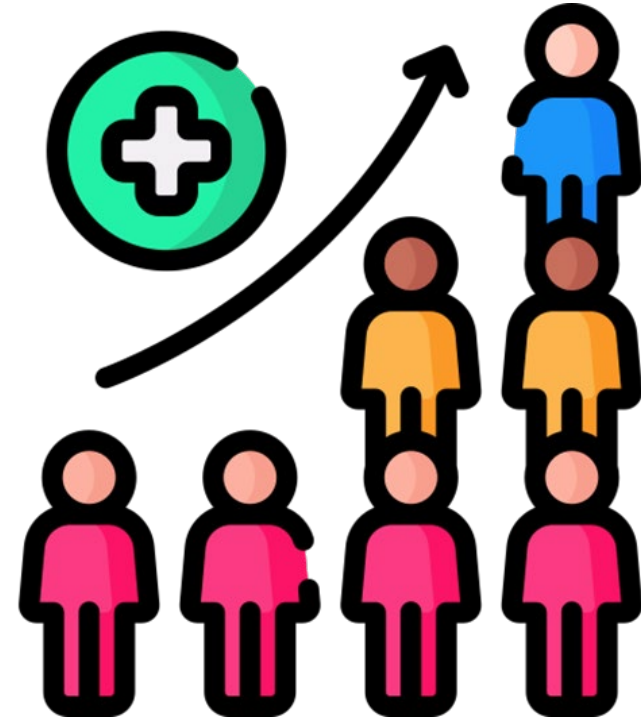
The Maternal and Infant Health Data Tracker provides key maternal and infant health indicators by year for Durham Region and its eight municipalities.

- 7,008 pregnancies were reported among Durham Region residents in 2021. This represents 47.3 pregnancies for every 1,000 females of reproductive age.
- In 2021, the pregnancy rate was highest in females aged 30 to 34 years.
- The teen pregnancy rate in Durham Region significantly decreased from 20.8 (per 1,000 females of reproductive age) in 2013 to 3.4 in 2021.
- 22% of Durham Region residents who gave birth in 2021 reported at least one mental health condition.
- In 2021, 0.9% of Durham Region gestational diabetes occurred among pregnant women.
- The gestational diabetes rate in Durham

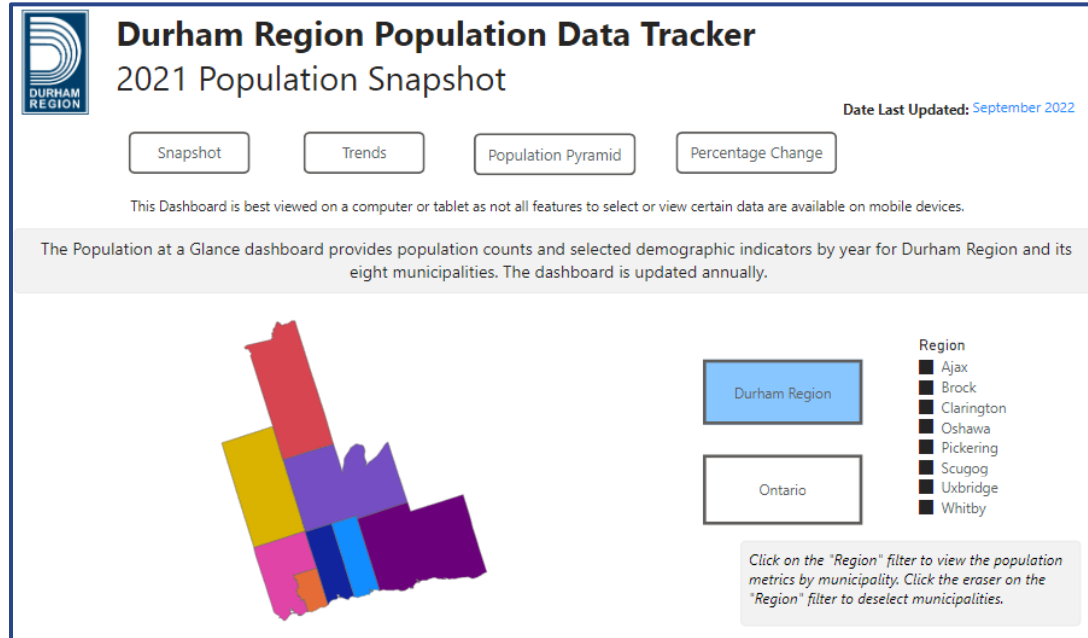
[Durham.ca/birthstats](https://durham.ca/birthstats)

# DURHAM REGION POPULATION DATA TRACKER

[durham.ca/population](https://durham.ca/population)



# Population Data Tracker



- Provides population counts by year for Durham Region and its eight municipalities.
- **Data source:** Statistics Canada's population estimates by public health unit.

# Population Data Tracker



## Durham Region Population Data Tracker 2021 Population Snapshot

Snapshot

Trends

Population Pyramid

Percentage Change

- 4 Tabs

### Snapshot

- Summary of population estimates by age and sex
- Percentage of children and youth
- Percentage of seniors
- Population growth

% of Children and Youth (19 and Under)

23.5%

% of Seniors (65+)

15.7%

Population Growth (2011 to 2021)

16.1%

### Trends

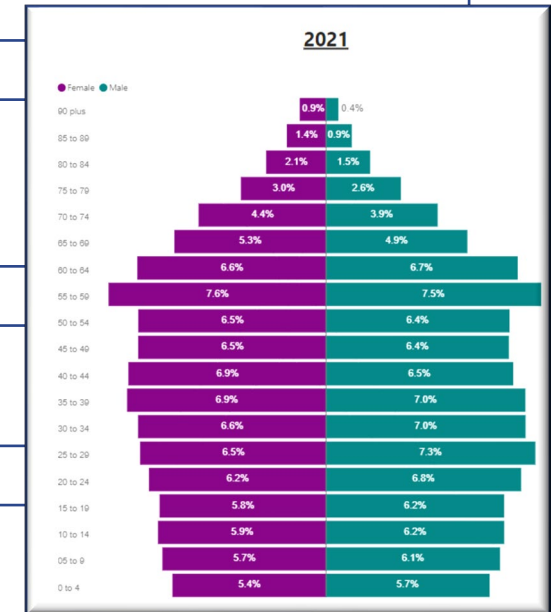
- Population change over time since 1986
- Trends by age, sex, and Durham Region municipality

### Population Pyramid

- Distribution of the population by age group and sex

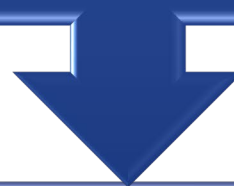
### Percentage Change

- Percentage change in Durham Region populations between 2011 and 2021



# Durham Region Population at a Glance

The estimated population of Durham Region in 2021 was just over 727,000.



The largest municipality is Oshawa with an estimated population of 180,000+ in 2021

# Durham Region Population at a Glance

- Between 2011 and 2021:
  - Overall population increased by 16.1%
  - Children and youth (under 19 years) population increased by 23.5%
  - Seniors (65+) population increased by 15.7%
  - Clarington had the largest population growth with an increase of 19.5%



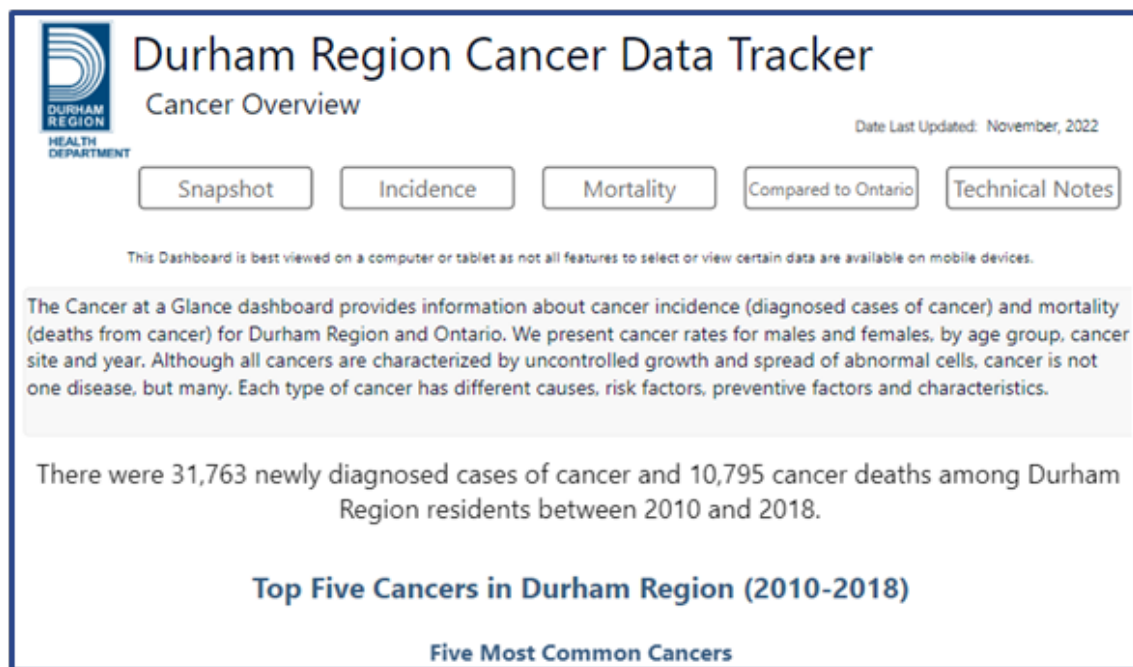
# DURHAM REGION CANCER DATA TRACKER

[durham.ca/cancerstats](https://durham.ca/cancerstats)





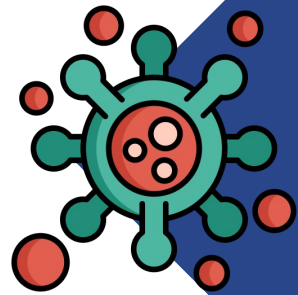
# Cancer Data Tracker



The screenshot shows the 'Durham Region Cancer Data Tracker' interface. At the top left is the Durham Region Health Department logo. The main title is 'Durham Region Cancer Data Tracker' with a subtitle 'Cancer Overview'. To the right, it says 'Date Last Updated: November, 2022'. Below the title are five navigation buttons: 'Snapshot', 'Incidence', 'Mortality', 'Compared to Ontario', and 'Technical Notes'. A note below the buttons states: 'This Dashboard is best viewed on a computer or tablet as not all features to select or view certain data are available on mobile devices.' The main content area contains a paragraph: 'The Cancer at a Glance dashboard provides information about cancer incidence (diagnosed cases of cancer) and mortality (deaths from cancer) for Durham Region and Ontario. We present cancer rates for males and females, by age group, cancer site and year. Although all cancers are characterized by uncontrolled growth and spread of abnormal cells, cancer is not one disease, but many. Each type of cancer has different causes, risk factors, preventive factors and characteristics.' Below this is a summary: 'There were 31,763 newly diagnosed cases of cancer and 10,795 cancer deaths among Durham Region residents between 2010 and 2018.' At the bottom, there is a section titled 'Top Five Cancers in Durham Region (2010-2018)' with a sub-heading 'Five Most Common Cancers'.

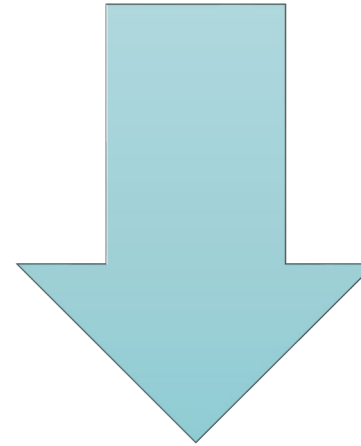
- The Cancer Data Tracker provides information about *diagnosed cases of cancer and deaths from cancer* by
  - Sex
  - Age group
  - Cancer site (e.g., lung)
  - Year
- Compares Durham Region to Ontario
- **Source:** Ontario Cancer Registry

# Cancer at a Glance

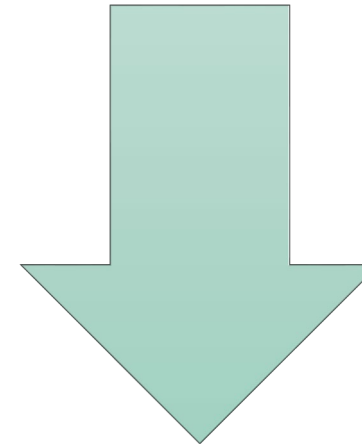


The most common cancers in Durham Region between 2010 and 2018 were:

- Lung
- Breast
- Prostate
- Colorectal



Significant decrease in **lung, prostate, colorectal, bladder, and ovarian cancer diagnoses** between 2010 and 2018



Significant decrease in **lung and colorectal cancer deaths** between 2010 and 2018

# DURHAM REGION MATERNAL AND INFANT HEALTH DATA TRACKER

[durham.ca/birthstats](https://durham.ca/birthstats)






# Maternal and Infant Health Data Tracker

**Durham Region Maternal & Infant Health Data Tracker**

Last updated: February 2023

Summary | Pregnancy and Birth | Maternal Health | Birth Outcomes | Breastfeeding

The Maternal and Infant Health Data Tracker provides key maternal and infant health indicators by year for Durham Region and its eight municipalities.

 <p>7,908 pregnancies were reported among Durham Region residents in 2021. This represents 47.3 pregnancies for every 1,000 females of reproductive age.</p>	<p>In 2021, the pregnancy rate was highest in females aged 30 to 34 years.</p>	<p>The teen pregnancy rate in Durham Region significantly decreased from 20.8 (per 1,000 females of reproductive age) in 2013 to 3.4 in 2021.</p>
 <p>22% of Durham Region residents who gave birth in 2021 reported at least one mental health concern during pregnancy. This was a significant increase from 2013 (15%).</p>	<p>In 2021, 0.9% of Durham Region gestational parents reported using alcohol during pregnancy, 0.6% reported using drugs, and 1.1% reported using alcohol or drugs.</p>	<p>The gestational diabetes rate in Durham Region has significantly increased over time, from 5.0% in 2013 to 10.9% in 2021.</p>
 <p>7,591 newborns were born to Durham Region residents in 2021. This represents 10.4 live births for every 1,000 residents.</p>	<p>The average age of Durham Region residents who gave birth in 2021 was 31.9 years. The average age of residents giving birth to their first child was 30.3 years.</p>	<p>Most births to Durham Region residents are hospital births. 1.2% of 2021 births were home births. The c-section rate among Durham Region residents who gave birth in 2021 was 33.2%.</p>

- Provides key maternal and infant health indicators for Durham and its eight municipalities
  - *By year*
  - *Over time*
- Data sources
  - *Hospital data*
  - *Birth registries made available to public health units*

# Maternal and Infant Health Data Tracker

- This Data Tracker presents 37 indicators under four categories: Pregnancy & Birth, Maternal Health, Birth Outcomes, and Breastfeeding

## Pregnancy & Birth

- E.g., Birth rates, teen pregnancy rates, home births, births by hospital

## Maternal Health

- E.g., Alcohol & drug use, smoking, mental health, weight gain, diabetes

## Birth Outcomes

- E.g., Low birth weight, preterm birth, stillbirth rate, congenital anomalies

## Breastfeeding

- E.g., Intention to breastfeed, breastfeeding initiation

# Maternal and Infant Health at a Glance

7,591 newborns were born to Durham Region residents in 2021

Only 1.2% of births to Durham Region residents were home births

22% who gave birth in 2021 reported at least one mental health concern during pregnancy, a significant increase from 15% in 2013.

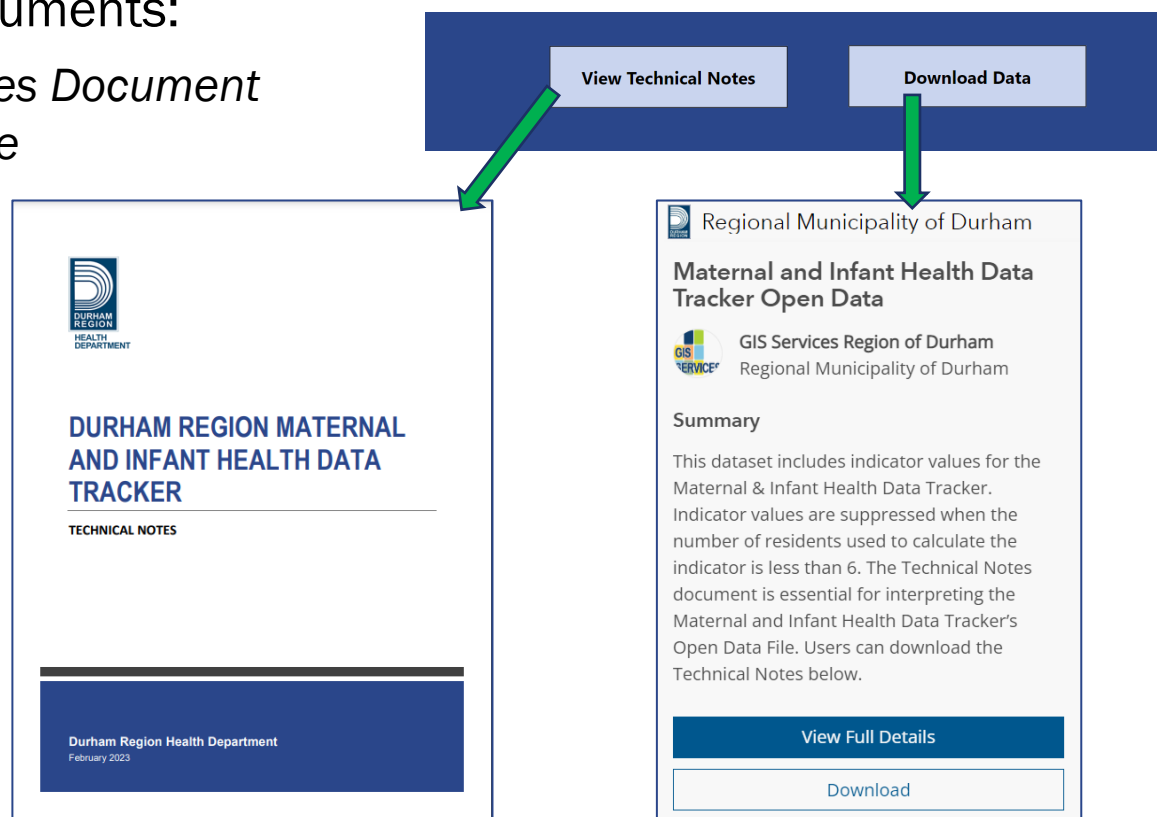
The gestational diabetes rate increased significantly from 5% in 2013 to 11% in 2021.

The teen pregnancy rate decreased from 20.8 per 1,000 females in 2013 to 3.4 in 2021

# Maternal and Infant Health Tracker: Complementary Documents

The Maternal and Infant Health Data Tracker is accompanied by two complementary documents:

- *Technical Notes Document*
- *Open Data File*



# When are the Data Trackers updated?

**Population**

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Annually  
Next update: Summer 2023

**Cancer**

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Top Five Cancers in Durham Region (2010-2018)

Five Most Common Cancers

[Durham.ca/cancerstats](https://durham.ca/cancerstats)

When new data are available  
Next update: Possibly 2024

**Maternal and Infant Health**

Durham Region Maternal & Infant Health Data Tracker  
Last updated: February 2023

Summary Pregnancy and Birth Maternal Health Birth Outcomes Breastfeeding

The Maternal and Infant Health Data Tracker provides key maternal and infant health indicators by year for Durham Region and its eight municipalities.

7,938 pregnancies were reported among Durham Region residents in 2021. This represents 47.5 pregnancies for every 1,000 females of reproductive age.

In 2021, the pregnancy rate was highest in females aged 30 to 34 years.

The teen pregnancy rate in Durham Region significantly decreased from 20.8 (per 1,000 females of reproductive age) in 2013 to 3.4 in 2021.

22% of Durham Region residents who gave birth in 2021 reported at least one mental health concern.

In 2021, 0.9% of Durham Region gestational diabetes reported cases showed a decrease.

The gestational diabetes rate in Durham

[Durham.ca/birthstats](https://durham.ca/birthstats)

Annually  
Next update: Summer 2023



# Collecting Feedback

[Durham.ca/population](https://durham.ca/population)

4.5	30	2.5	5.97
3.6	25	3.0	2.48
3.5	24	3.6	-0.83
3.5	24	2.3	2.33
3.4	24	3.3	1.47

We want to hear from you!

[Durham.ca/cancerstats](https://durham.ca/cancerstats)

We can prevent some types of cancer by:

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

We want to hear from you!

[Durham.ca/birthstats](https://durham.ca/birthstats)

[View Technical Notes](#) [Download Data](#)

Birth and Infant Health Data Tracker is updated annually, and when corrections are made. The Data Tracker was last updated:

**February 2023**

We want to hear from you!

Data Tool Feedback Survey can be accessed on all three trackers and on other Durham Region Health Department data tools. The survey allows users to:

Provide feedback

Ask a question

Report an issue



# Questions?

