# CITY OF GREATER SUDBURY

## DATA DRIVEN INSIGHTS

DATA FOR CANADIAN CITIES

WCCD

WCCD | WORLD COUNCIL ON CITY DATA

# ABOUT THE WORLD COUNCIL ON CITY DATA

www.dataforcities.org

The World Council on City Data (WCCD) was founded in 2014  and exists to help communities of all sizes - in Canada and across the globe - to embrace standardized, independently verified, and globally comparable city data to become more sustainable, resilient, prosperous inclusive and smart. Since its founding, the WCCD has been working with 100 cities worldwide and has helped these cities to adopt ISO 37120, the first international standard for city data. The WCCD and ISO 37120 are a truly "Made in Canada" initiative – with their ultimate creation primarily spearheaded by Canadian urban thinkers and city leaders. The standard includes 104 indicators across 19 themes and standardizes a set of city services and quality of life. ISO 37120 provides cities with quantitative, globally comparable and independently verified local-level data enabling any city, of any size, to measure and compare its social, economic, and environmental progress internally year over year, and also in relation to other peer cities locally and globally.  The WCCD is now also operationalizing two new standards: ISO 37122 Indicators for Smart Cities and ISO 37123 Indicators for Resilient Cities across its rapidly growing network. The WCCD has led the development of this "ISO 37120 Series" of three global standards to support cities in Canada and globally in building a global framework for city data that allows cities to drive measurable progress for sustainable, resilient and smart futures.

**ISO 37120**

PLATINUM CERTIFIED

WCCD

2019

WORLD COUNCIL ON CITY DATA

**The City of Greater Sudbury** achieved WCCD ISO 37120 Platinum Certification in 2019 – supported by the Government of Canada – having reported over 90 standardised city-level indicators, across nineteen themes.

# ABOUT THE DATA FOR CANADIAN CITIES PROJECT

**WCCD | DATA FOR CANADIAN CITIES**

Equipping city leaders across Canada with high-calibre, comparable, and independently verified municipal data, the Data for Canadian Cities Project is a transformative, three-year, Canada-wide project that is currently underway in fifteen data-driven municipalities across the country. Supported by the Federal Ministry of Infrastructure and Communities, the Project provides city leaders with the kind of data they need to make important decisions, but also strengthens internal benchmarking, while enabling robust, apples-to-apples comparisons with thirty cities across Canada, and one hundred cities worldwide. From strengthening sustainability planning to driving economic development to achieving climate-change objectives, and informing critical investment decisions, the Data for Canadian Cities Project offers municipal decision-makers across the country the essential data that they need to create smarter, more sustainable, resilient, prosperous and inclusive communities.

## THE DATA FOR CANADIAN CITIES PROJECT – PARTICIPATING MUNICIPALITIES

Fifteen new Canadian municipalities participating in the Data for Canadian Cities Project join established WCCD member cities to create a cohort of thirty WCCD-certified Canadian cities. Graphs in this document showcase cities in this cohort as well as appropriate global peers. Peer cities are selected on the basis of various criteria, including for example population size, density, economic profile, demographic makeup and location.

BRAMPTON    CHARLOTTETOWN — Great things happen here.    CORNER BROOK    COUNTY OF Brant — Simply Grand    Edmonton

Sudbury Greater | Grand    KITCHENER    MARKHAM    CITY OF Mount Pearl    Richmond Hill

City of Saskatoon    CITY OF Selkirk — Where it all comes together    ST. JOHN'S    THE CITY OF Waterloo    CITY OF YELLOWKNIFE

# GREATER SUDBURY

# A GLOBAL LEADER IN SUSTAINABLE GROWTH
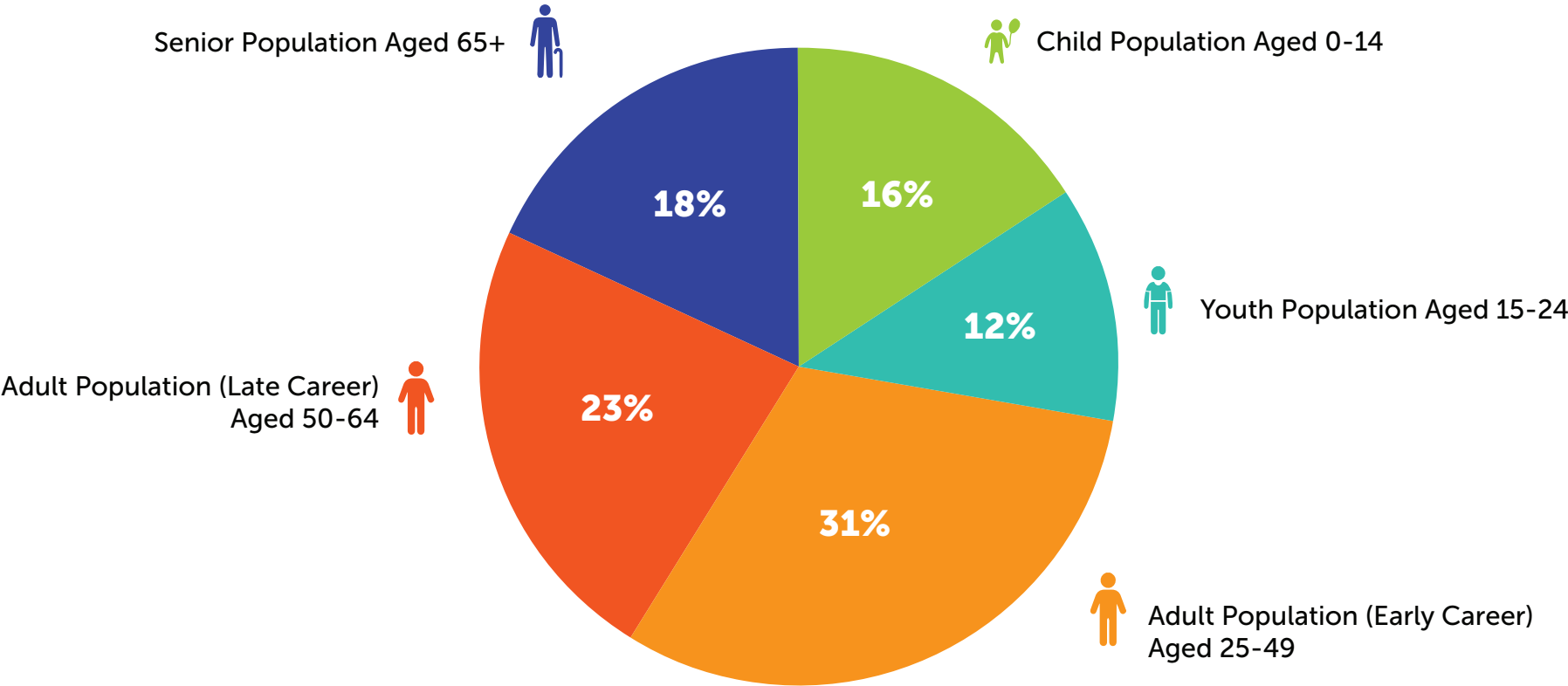
GREATER SUDBURY: A GLOBAL LEADER IN SUSTAINABLE GROWTH

PLANNING FOR DEMOGRAPHIC CHANGE

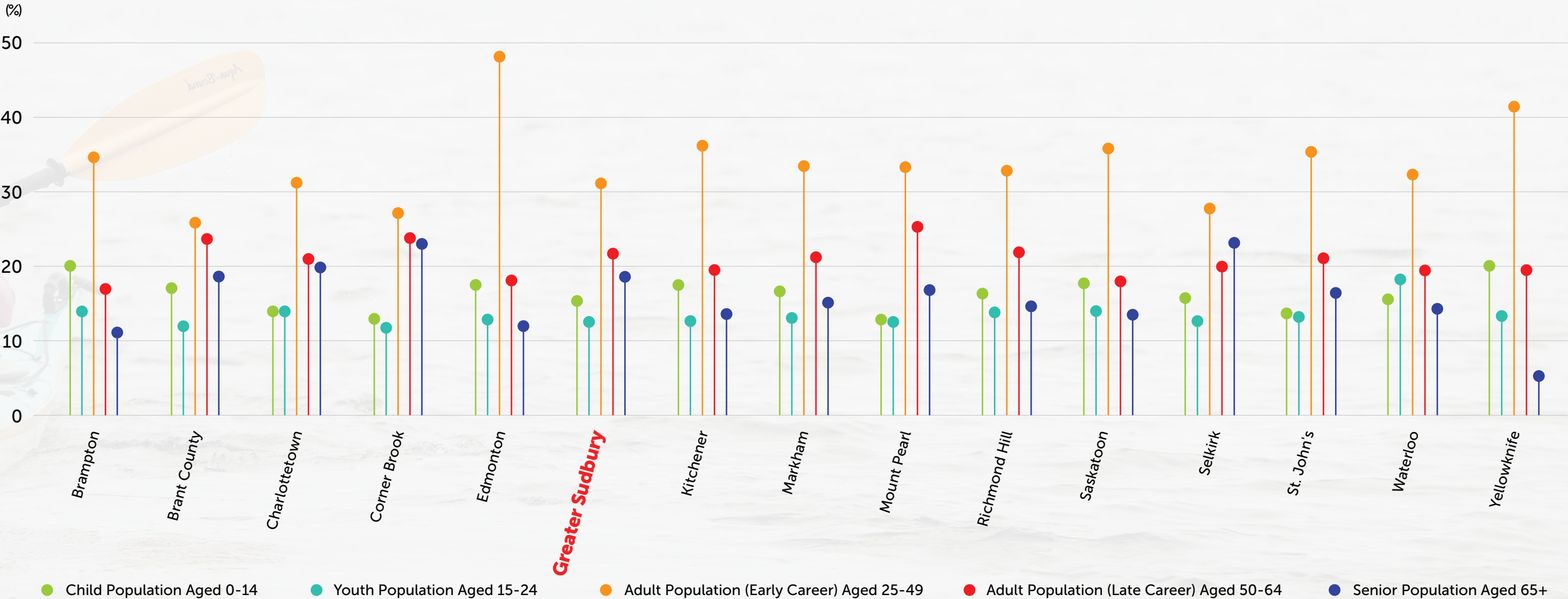## Greater Sudbury Demographic Profile

ISO 37120

Age Cohort

Senior Population Aged 65+ — 18%

Child Population Aged 0-14 — 16%

Youth Population Aged 15-24 — 12%

Adult Population (Late Career) Aged 50-64 — 23%

Adult Population (Early Career) Aged 25-49 — 31%

**GREATER SUDBURY:** A GLOBAL LEADER IN SUSTAINABLE GROWTH

# PLANNING FOR DEMOGRAPHIC CHANGE

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WCCD DATA FOR CANADIAN CITIES

## Greater Sudbury Demographics in a Canadian Perspective

ISO 37120

(%)

50
40
30
20
10
0

Brampton
Brant County
Charlottetown
Corner Brook
Edmonton
Greater Sudbury
Kitchener
Markham
Mount Pearl
Richmond Hill
Saskatoon
Selkirk
St. John's
Waterloo
Yellowknife

● Child Population Aged 0-14   ● Youth Population Aged 15-24   ● Adult Population (Early Career) Aged 25-49   ● Adult Population (Late Career) Aged 50-64   ● Senior Population Aged 65+
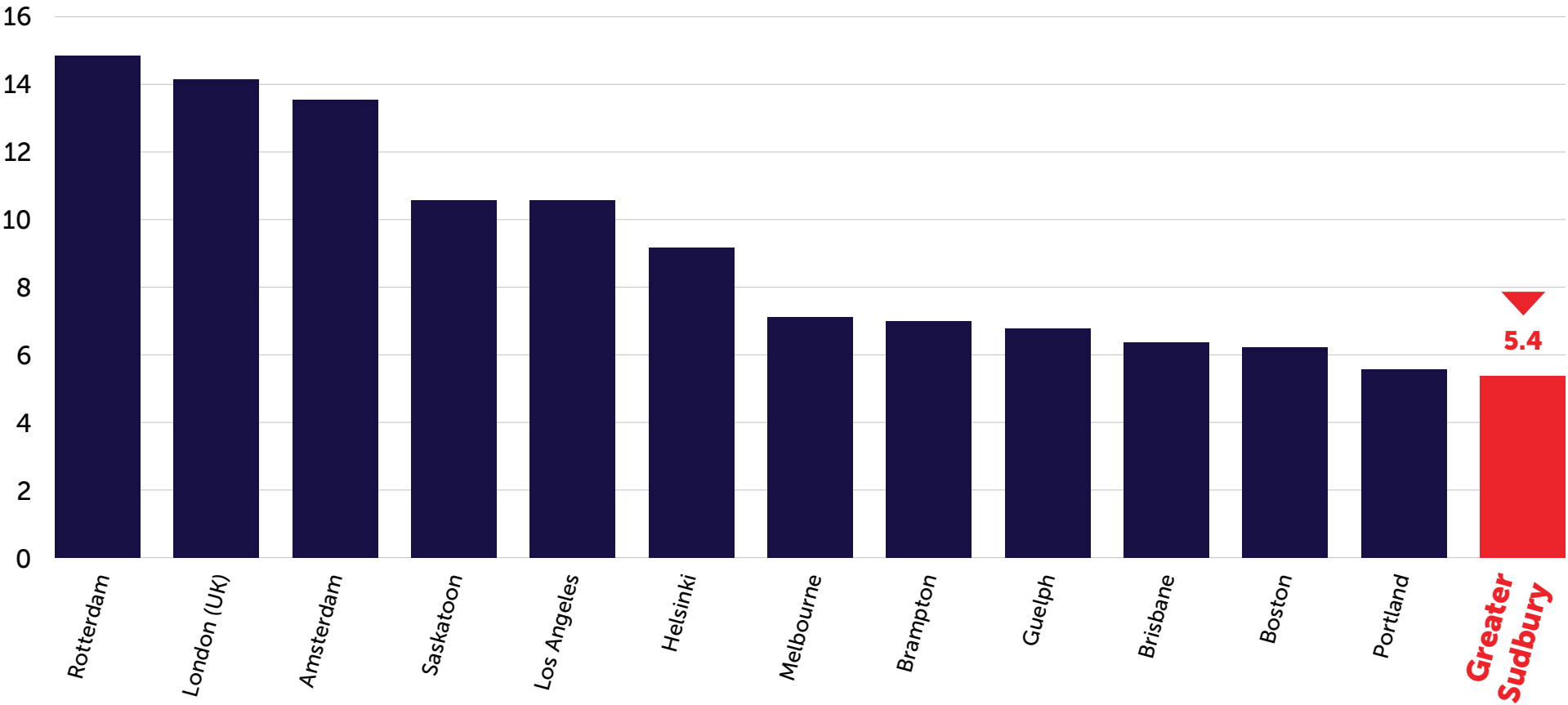
**GREATER SUDBURY:** A GLOBAL LEADER IN SUSTAINABLE GROWTH

# CLEAN AIR IN ONTARIO'S NORTH

*PM2.5 measures levels of fine particulate matter in the air, such as fine dust and soil particles, acids, metals and allergens. Health effects from high concentrations of particulate matter in the air are predominantly associated with respiratory and cardiovascular issues.*

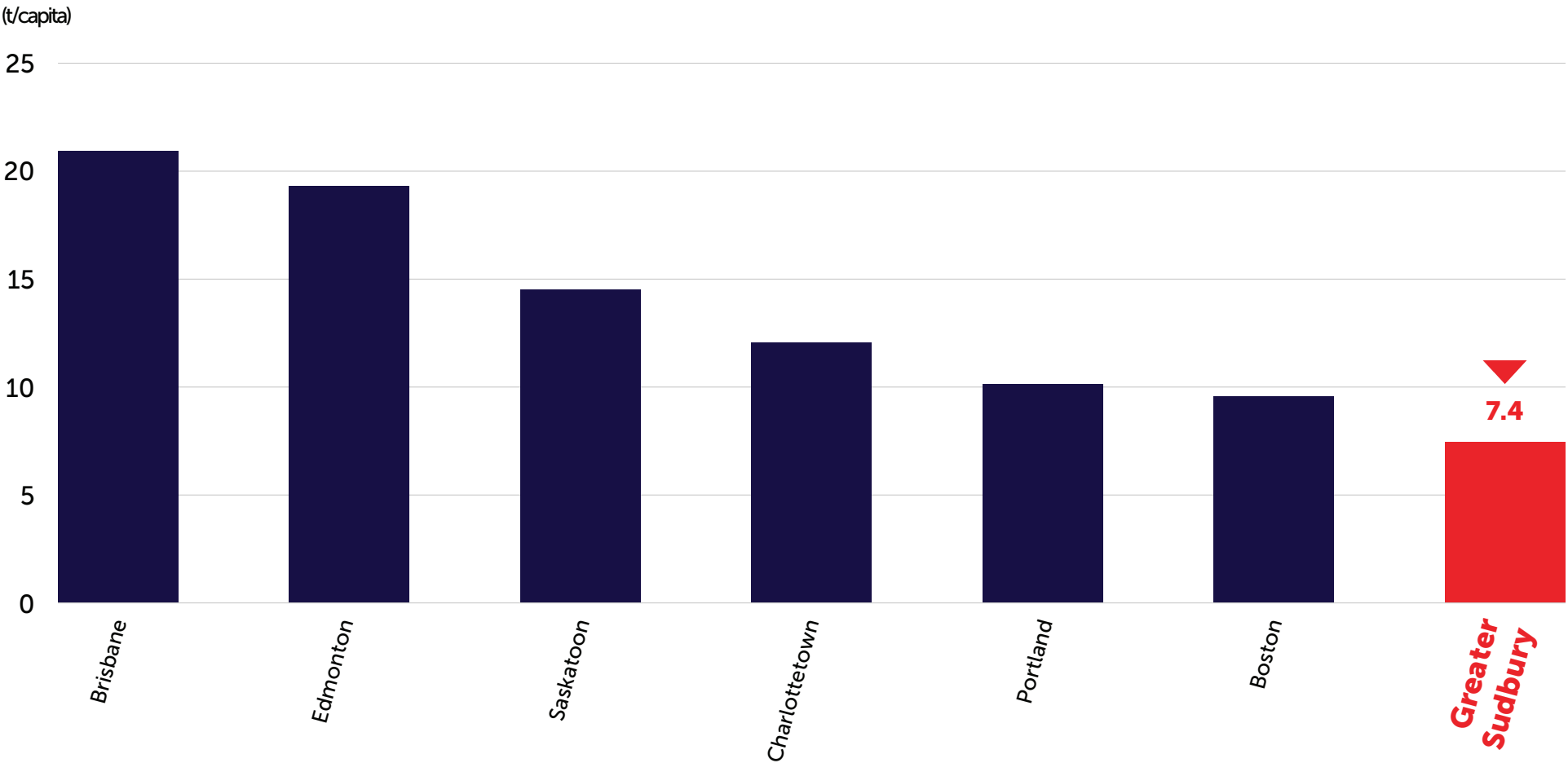## Fine Particulate Matter (PM2.5) Concentration

ISO 37120 Indicator 8.1

**GREATER SUDBURY: A GLOBAL LEADER IN SUSTAINABLE GROWTH**

# ENCOURAGING ENVIRONMENTAL STEWARDSHIP

## Greenhouse Gas Emissions Measured in tonnes per capita

ISO 37120 Indicator 8.3

(t/capita)



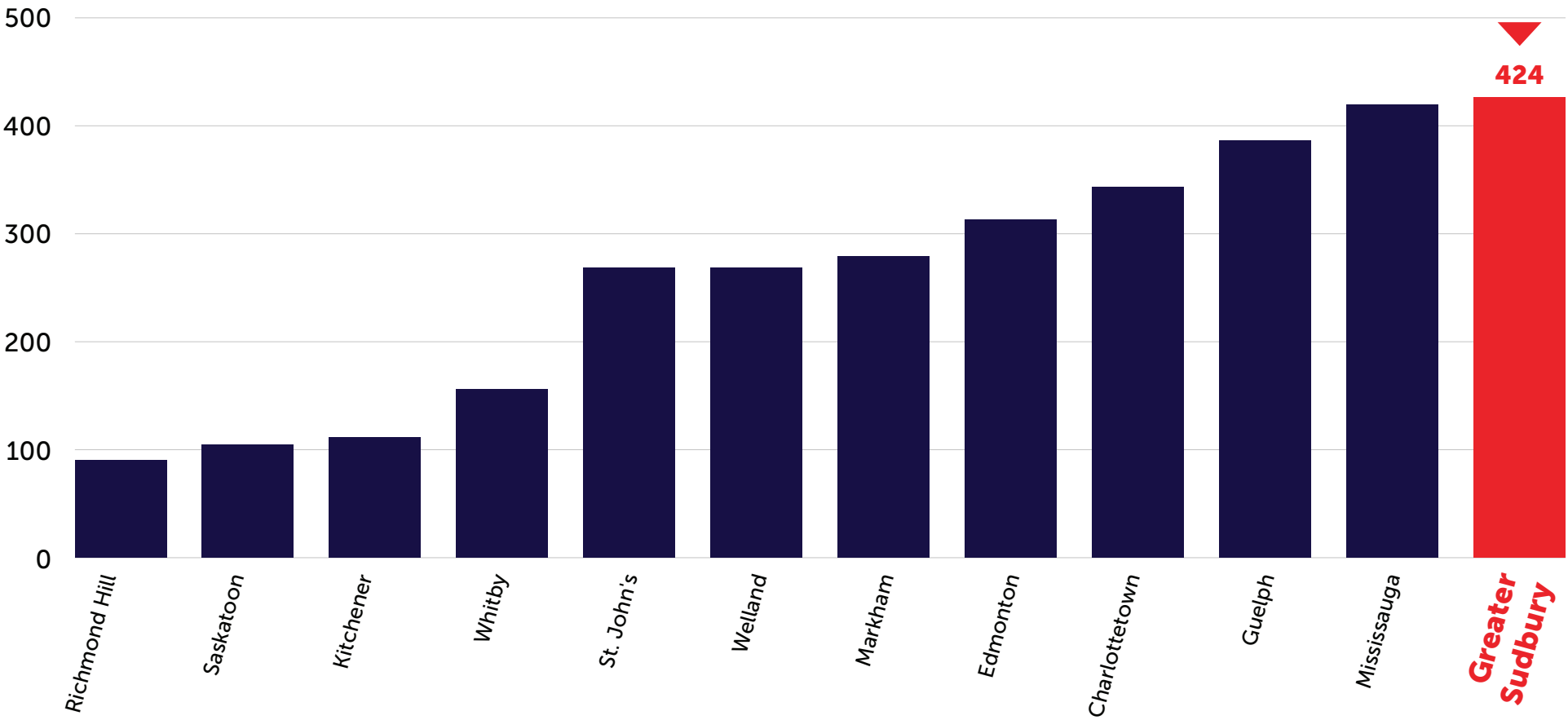| City | t/capita |
|------|----------|
| Brisbane | 21 |
| Edmonton | 19.3 |
| Saskatoon | 14.5 |
| Charlottetown | 12 |
| Portland | 10.2 |
| Boston | 9.6 |
| Greater Sudbury | 7.4 |

**GREATER SUDBURY: A GLOBAL LEADER IN SUSTAINABLE GROWTH**

# SUSTAINABLE MOBILITY

## Kilometres of Public Transport System per 100 000 Population

ISO 37120 Indicator 19.1



Bar chart values (left to right): Richmond Hill, Saskatoon, Kitchener, Whitby, St. John's, Welland, Markham, Edmonton, Charlottetown, Guelph, Mississauga, Greater Sudbury (424)

# GREATER SUDBURY

## BUILDING AN INCLUSIVE CITY

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WCCD DATA FOR CANADIAN CITIES

# PROVIDING OPTIONS FOR HOUSING

*This threshold figure measures the percentage of a city's population that are living in housing that is affordable, defined according to what a given household spends on housing relative to household income. In Canada, housing is considered to be affordable when less than 30% of before-tax income is spent on housing.*

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WCCD DATA FOR CANADIAN CITIES

## Percentage of Population Living in Affordable Housing
ISO 37120 Indicator 12.2

(%)

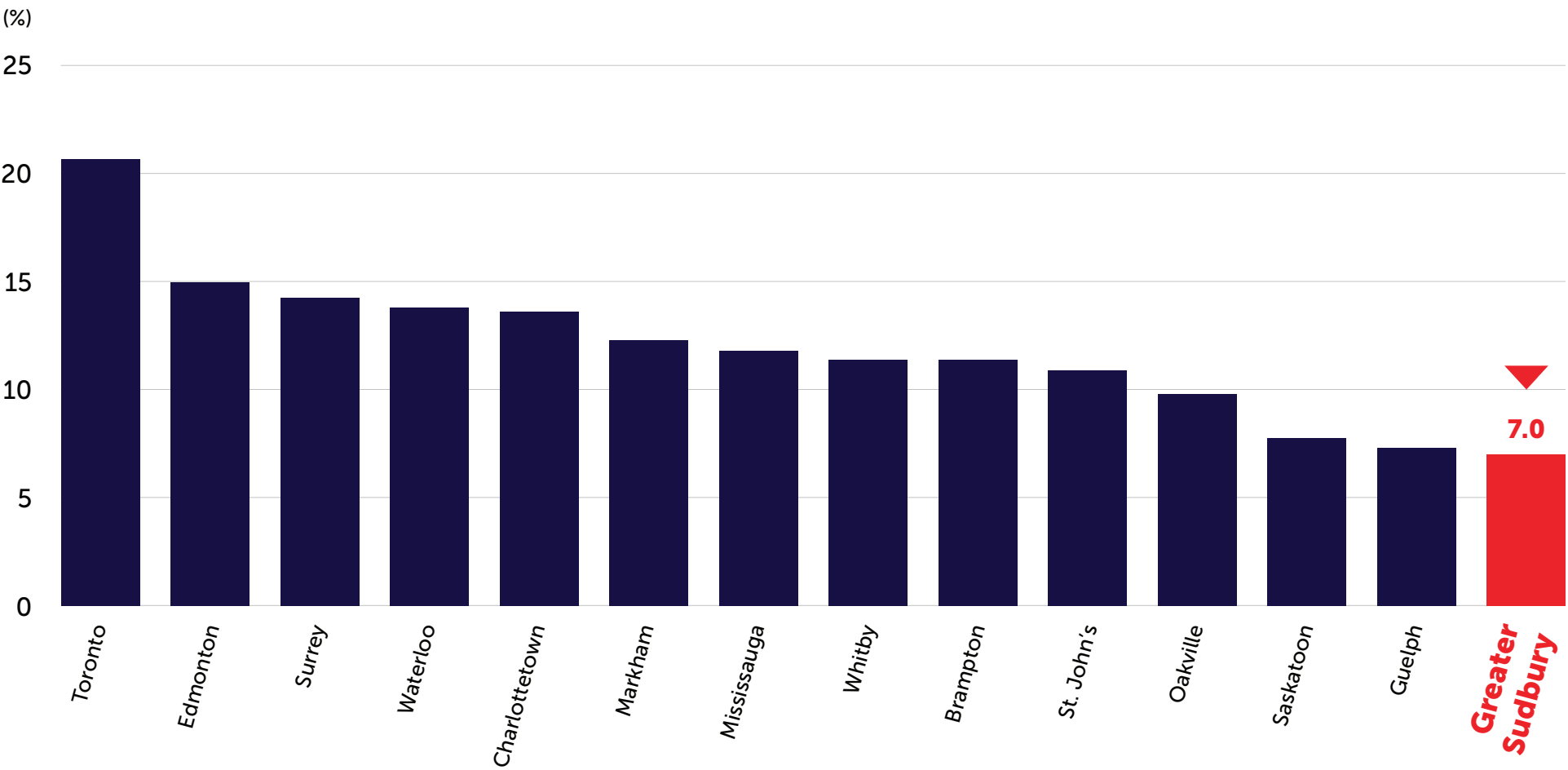| City | Value |
|------|-------|
| Richmond Hill | |
| Markham | |
| Brampton | |
| Mississauga | |
| Charlottetown | |
| St. John's | |
| Saskatoon | |
| Edmonton | |
| **Greater Sudbury** | **78** |
| Yellowknife | |
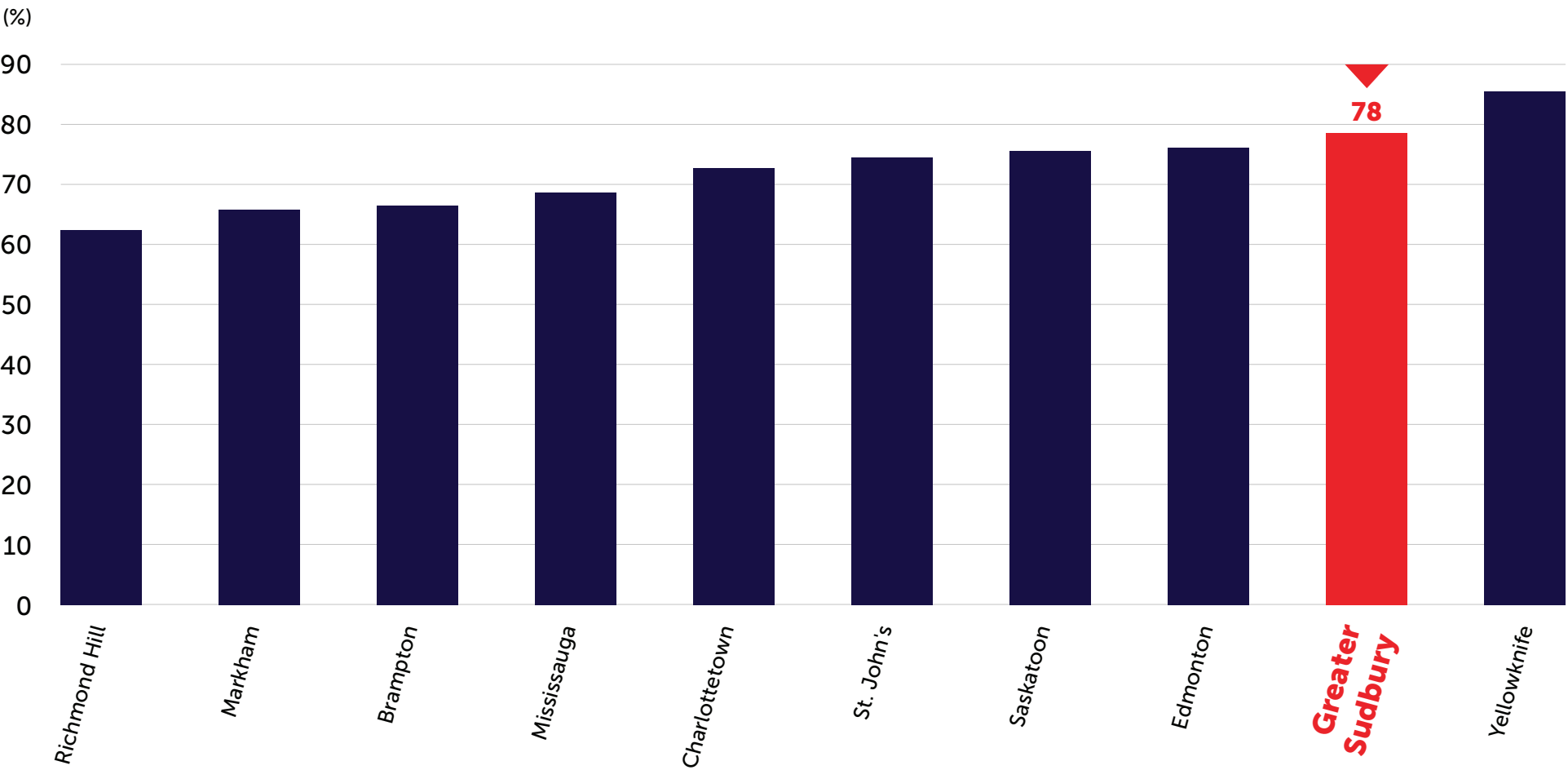
**GREATER SUDBURY:**
**BUILDING AN INCLUSIVE CITY**

# GUARANTEEING A HEALTHY STANDARD OF LIVING

## Percentage of the City Population Living below the National Poverty Line

ISO 37120 Indicator 13.2



Bar chart showing percentage (%) values, with y-axis from 0 to 25:

| City | Percentage (%) |
|------|------|
| Toronto | 20.7 |
| Edmonton | 15.0 |
| Surrey | 14.3 |
| Waterloo | 13.8 |
| Charlottetown | 13.6 |
| Markham | 12.3 |
| Mississauga | 11.8 |
| Whitby | 11.4 |
| Brampton | 11.4 |
| St. John's | 10.9 |
| Oakville | 9.8 |
| Saskatoon | 7.8 |
| Guelph | 7.3 |
| Greater Sudbury | 7.0 |

# GREATER SUDBURY

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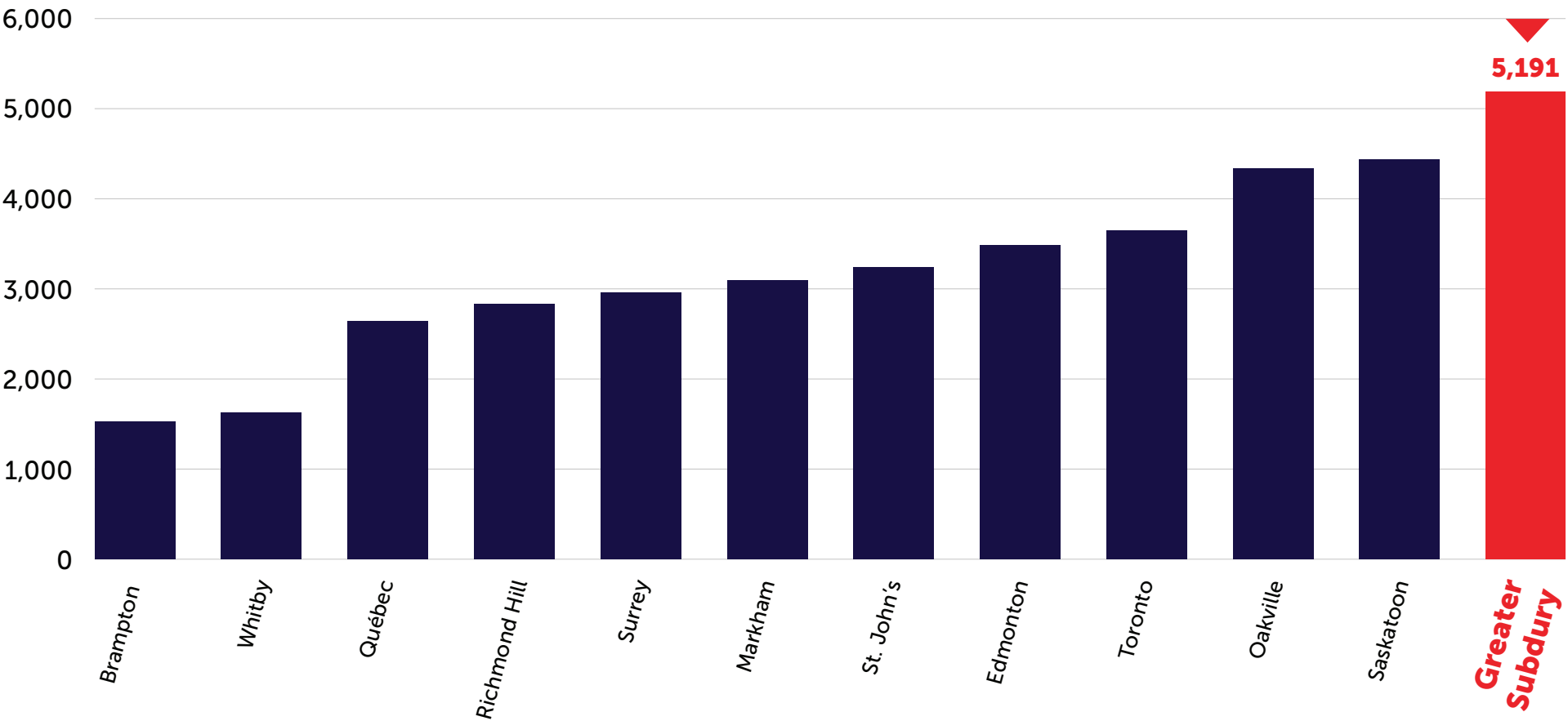
## A PLACE TO DO BUSINESS

**GREATER SUDBURY:**
**A PLACE TO DO BUSINESS**

# ATTRACTING NEW BUSINESSES AND SUPPORTING ESTABLISHED ONES

**Number of Businesses per 100 000 Population**

ISO 37120 Indicator 5.5

**NUMBER OF BUSINESSES IN GREATER SUDBURY**

# 5,191

per 100 000 population

**GREATER SUDBURY:**
**A PLACE TO DO BUSINESS**

# ATTRACTING NEW BUSINESSES AND SUPPORTING ESTABLISHED ONES

## Number of Businesses per 100 000 Population

ISO 37120 Indicator 5.5

Brampton · Whitby · Québec · Richmond Hill · Surrey · Markham · St. John's · Edmonton · Toronto · Oakville · Saskatoon · **Greater Sudbury — 5,191**

**GREATER SUDBURY:
A PLACE TO DO BUSINESS**

# AN EDUCATED WORKFORCE TO PROPEL ECONOMIC DEVELOPMENT

## Number of Higher Education Degrees per 100 000 Population

ISO 37120 Indicator 6.6

44,654
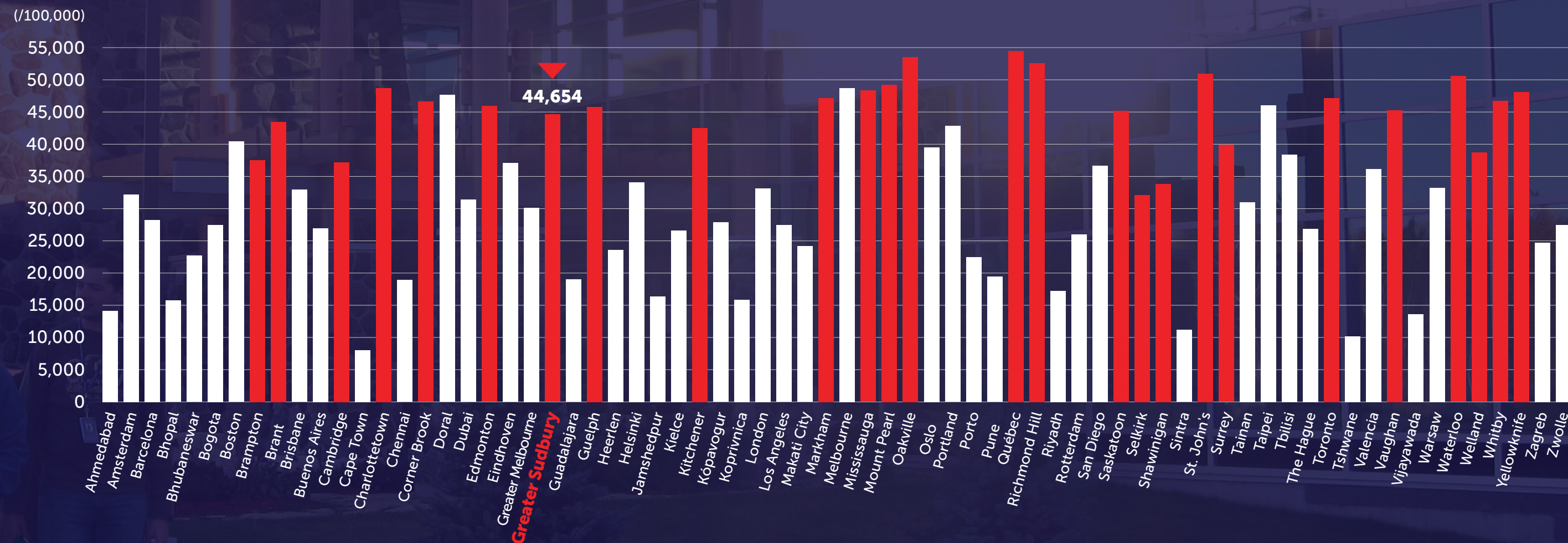
# PHOTOS REQUIRING ATTRIBUTION

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Chad Martin, 2019, Lookout, https://www.flickr.com/photos/photoguy8/48762134352/. https://creativecommons.org/licenses/by/2.0/.

Matt Strickland, 2007, The Northern Ontario School of Medicine's East Campus, https://upload.wikimedia.org/wikipedia/commons/2/2c/NOSMexterior.jpg. https://creativecommons.org/licenses/by-sa/3.0.