

# CITY OF VAUGHAN

DATA DRIVEN INSIGHTS



**WCCD**

WORLD COUNCIL  
ON CITY DATA

## ABOUT THE WORLD COUNCIL ON CITY DATA

[www.dataforcities.org](http://www.dataforcities.org)

The World Council on City Data (WCCD) was founded in 2014 and exists to help communities of all sizes 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 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 building a global framework for city data that allows cities to drive measurable progress for sustainable, resilient and smart futures.

*ISO key performance indicators can be used to track progress toward the localization of the Sustainable Development Goals (SDGs). The SDGs were established by the United Nations together with the 2030 Agenda for Sustainable Development.*



## CITY OF VAUGHAN: CELEBRATING 8 YEARS OF WCCD ISO CERTIFICATIONS SUPPORTING THE 2022-2026 TERM OF COUNCIL SERVICE EXCELLENCE STRATEGIC PLAN

**ISO 37120**



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**ISO 37122**



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**ISO 37122**



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**ISO 37123**



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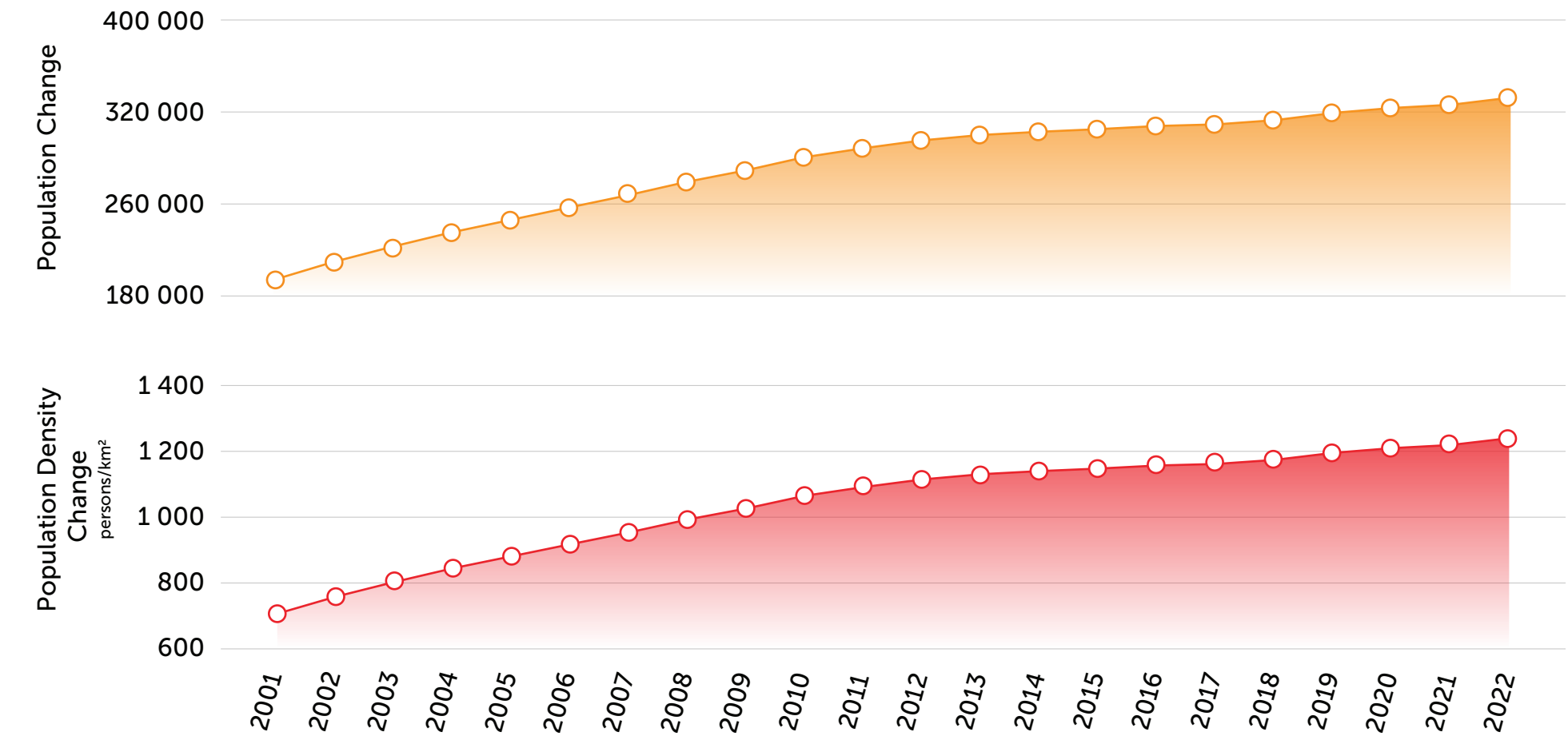


## VAUGHAN

# A TRAJECTORY OF GROWTH

## Population and Population Density

ISO 37120



Data sourced from Statistics Canada.



## VAUGHAN

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### 2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: TRANSPORTATION AND MOBILITY

*Goal: Improve the reliability and safety of Vaughan's road network and infrastructure.*



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## PRIORITIZING ACTIVE TRANSIT

*Term of Council Strategic Priority: Transportation and Mobility*

*Objective: Improve active and emerging modes of transportation*



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## Kilometres of bicycle paths and lanes per 100 000 population

ISO 37120 Indicator 19.4



136

km of bicycle paths and lanes



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## ENCOURAGING ALTERNATIVE MODES OF TRANSPORTATION

*Term of Council Strategic Priority: Transportation and Mobility*  
*Objective: Improve active and emerging modes of transportation*



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Percentage of commuters using a travel mode to work other than a personal vehicle

ISO 37120 Indicator 19.3



18%

Data is sourced from the Statistics Canada 2021 Census.



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### PRIORITIZING INCLUSIVE URBAN MOBILITY

*Term of Council Strategic Priority: Transportation and Mobility*

*Objective: Improve Vaughan's road/street network*

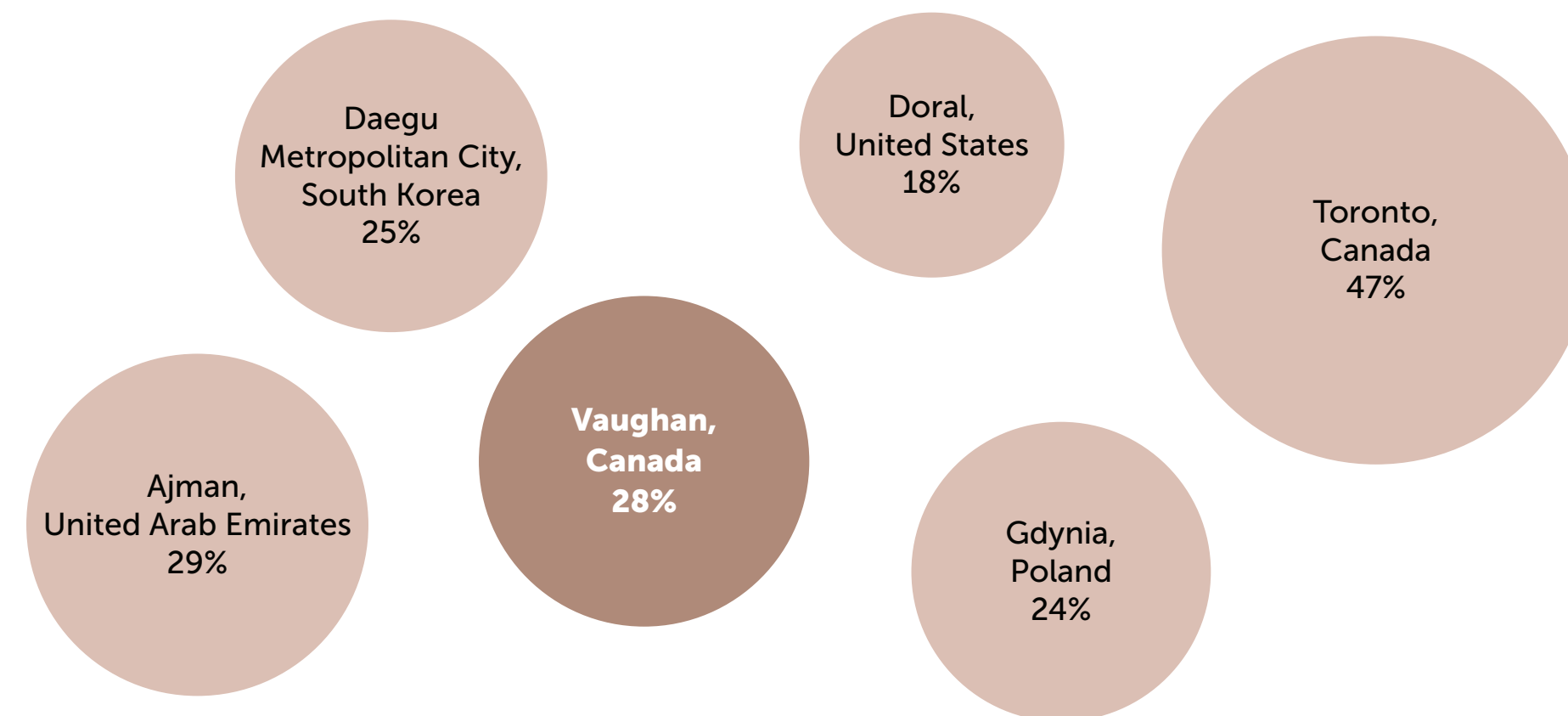


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## Percentage of marked pedestrian crossings equipped with accessible pedestrian signals

ISO 37122 Indicator 13.3





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# MONITORING COMMUTE TIMES

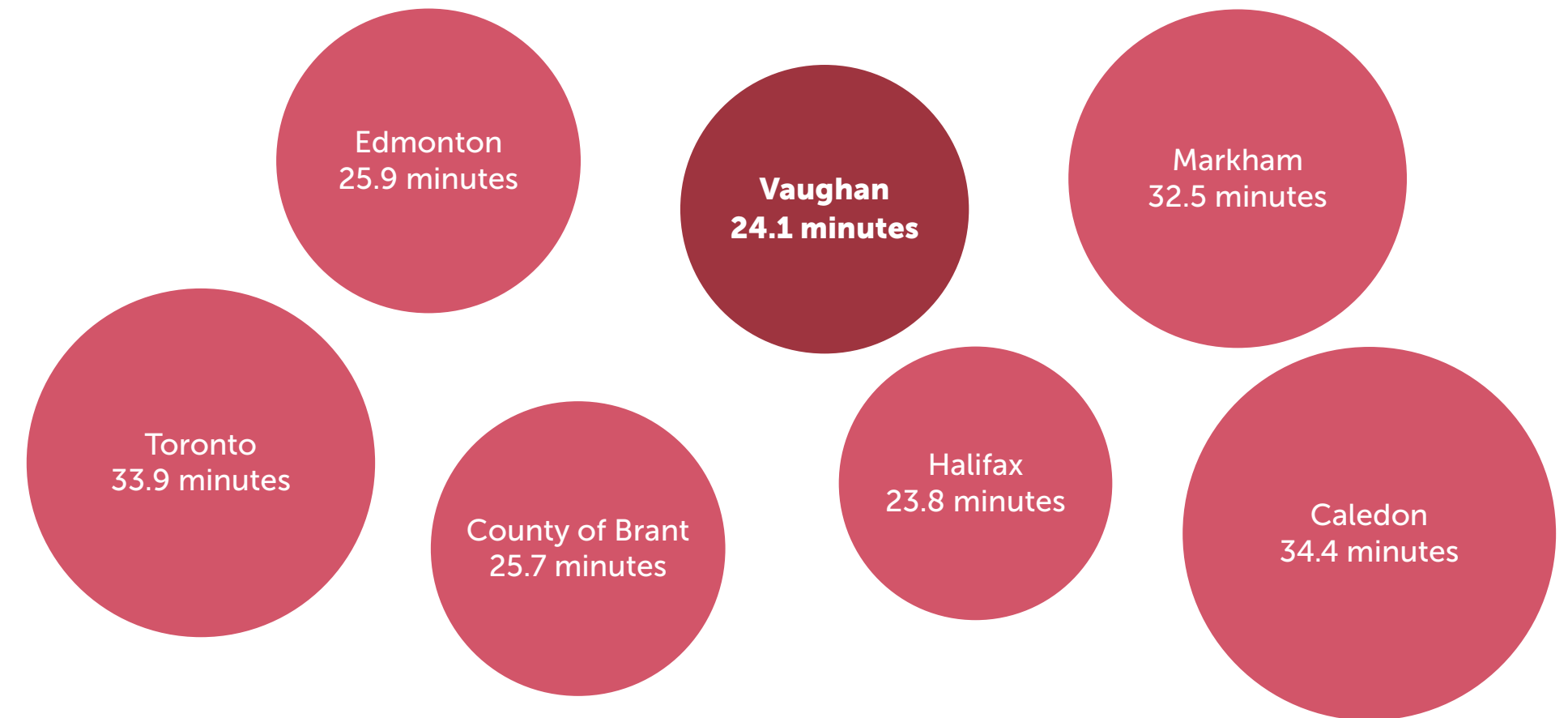
*Term of Council Strategic Priority: Transportation and Mobility*

*Objective: Advocate for improved public transit*



## Average commute time (minutes)

ISO 37120 Indicator 19.7



Data was sourced from the Statistics Canada 2021 Census.



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## 2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: CITY BUILDING

*Goal: Build a world-class city based on good planning and urban design principles, which foster community well-being.*



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### ENSURING ACCESS TO ESSENTIAL SERVICES

*Term of Council Strategic Priority: City Building*

*Objective: Grow Vaughan as a complete community with a focus on quality of life*

Percentage of the city's population living within one kilometre  
of a grocery store  
ISO 37123 Indicator 20.2



74%



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## PROMOTING CITIZEN HEALTH AND WELLBEING

*Term of Council Strategic Priority: City Building*

*Objective: Grow Vaughan as a complete community with a focus on quality of life*

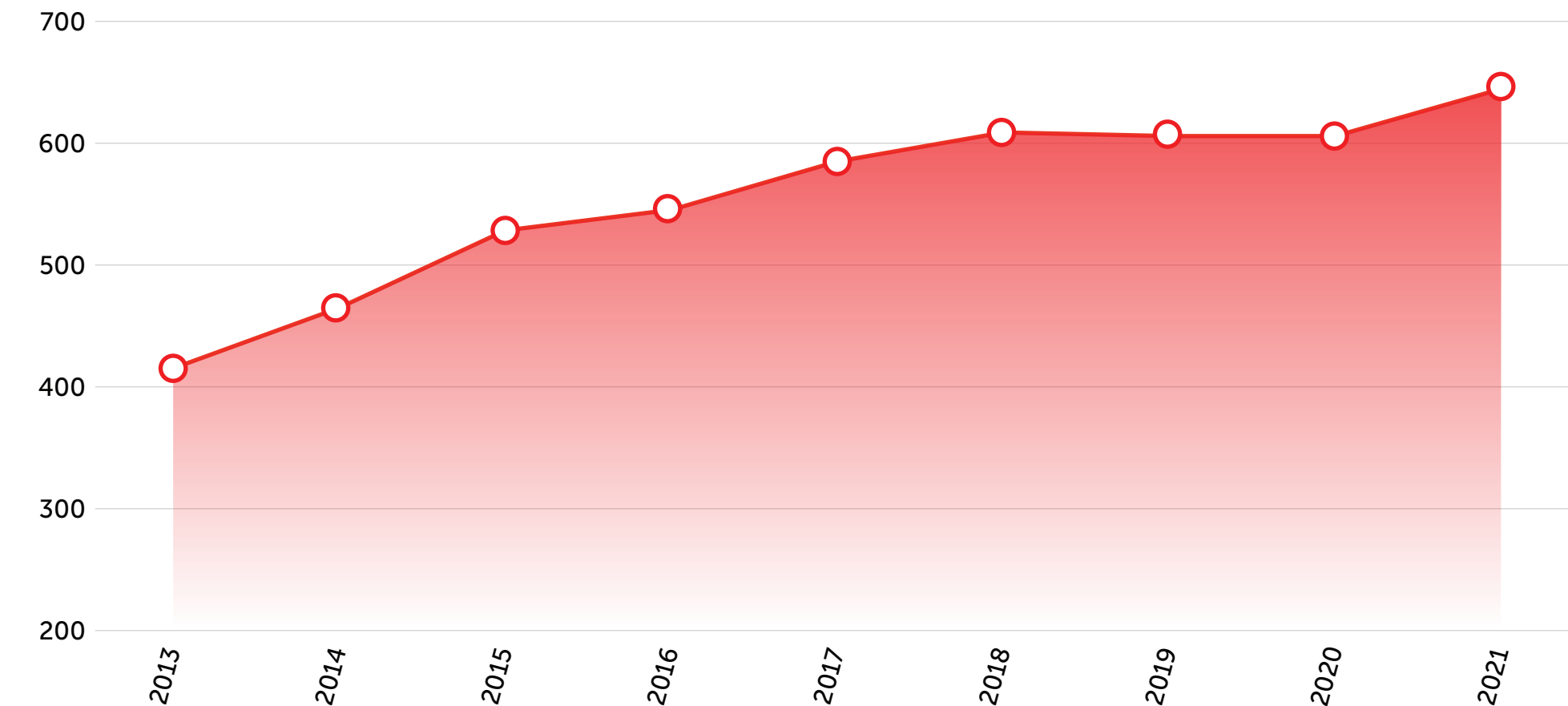


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## Number of nursing and midwifery personnel per 100 000 population

ISO 37120 Indicator 11.5



Data was sourced by the WCCD from the Canadian Institute for Health Information.



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## SUPPORTING LIVABILITY

*Term of Council Strategic Priority: City Building*

*Objective: Engage in long-term planning and policy development to meet the city's housing needs*

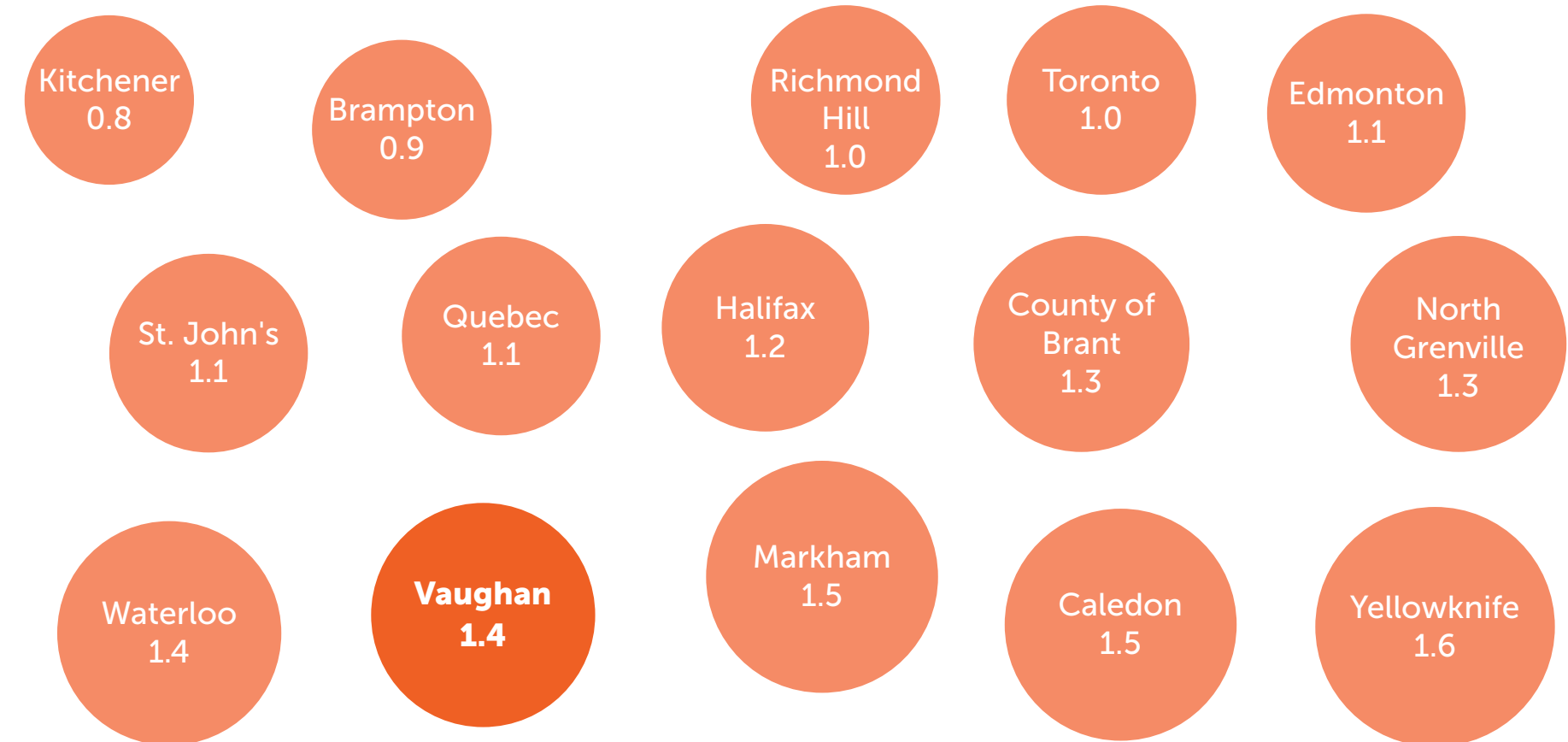


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## Jobs/housing ratio

ISO 37120 Indicator 21.3





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## **2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: ENVIRONMENTAL SUSTAINABILITY**

*Goal: Protect the environment and foster a sustainable future through our social and economic initiatives.*



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# PROMOTING BIODIVERSITY AND ECOSYSTEM SERVICES

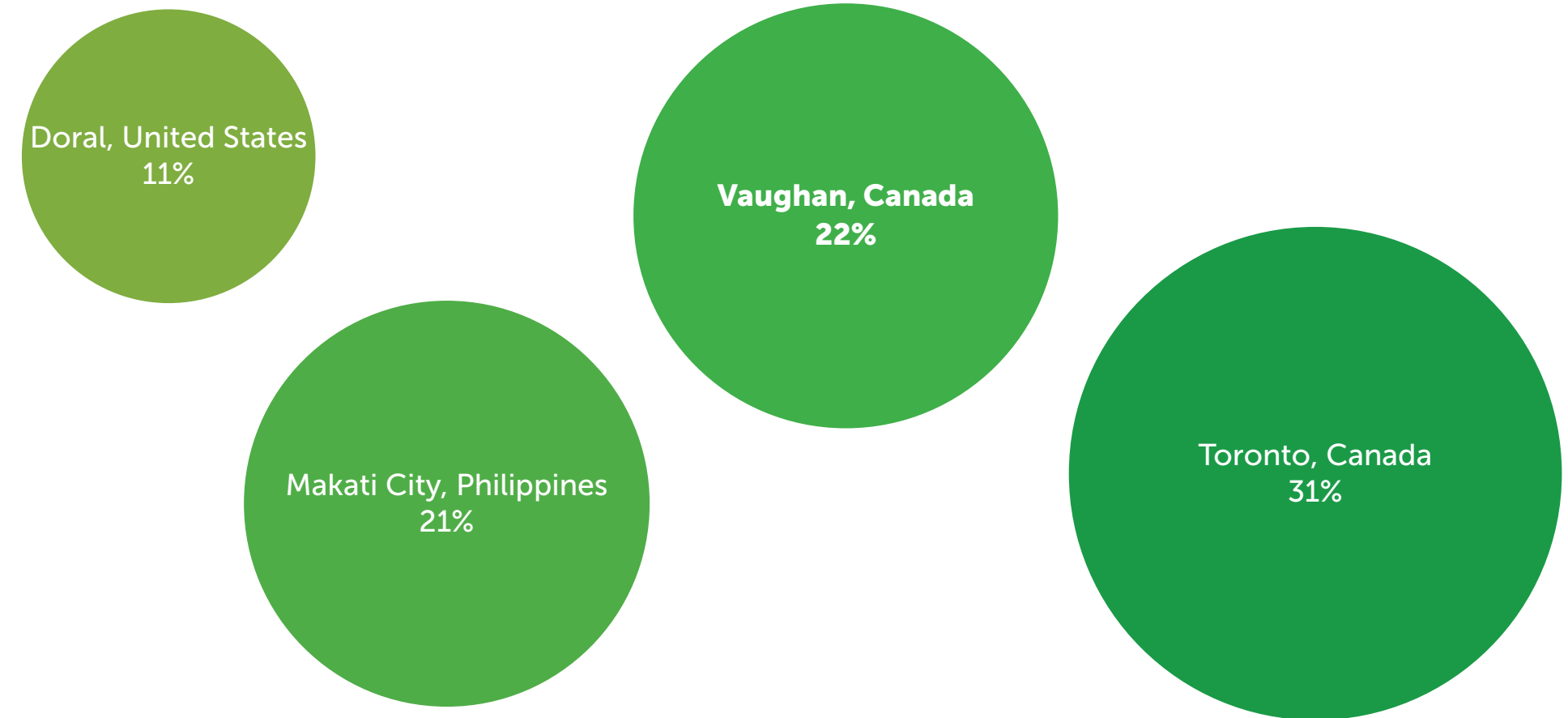
*Term of Council Strategic Priority: Environmental Sustainability*

*Objective: Advance stewardship of green infrastructure*



## Percentage of city land area covered by tree canopy

ISO 37123 Indicator 8.8







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Percentage of city population that can be supplied with drinking water by alternative methods for 72 hours

ISO 37123 Indicator 23.2

A CITY PREPARED FOR RISK AND TIMELY RECOVERY

Term of Council Strategic Priority: Environmental Sustainability

Objective: Invest in climate change mitigation and resilience



100%



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# MONITORING PROGRESS TOWARDS GLOBAL AIR QUALITY GUIDELINES

*Term of Council Strategic Priority: Environmental Sustainability*

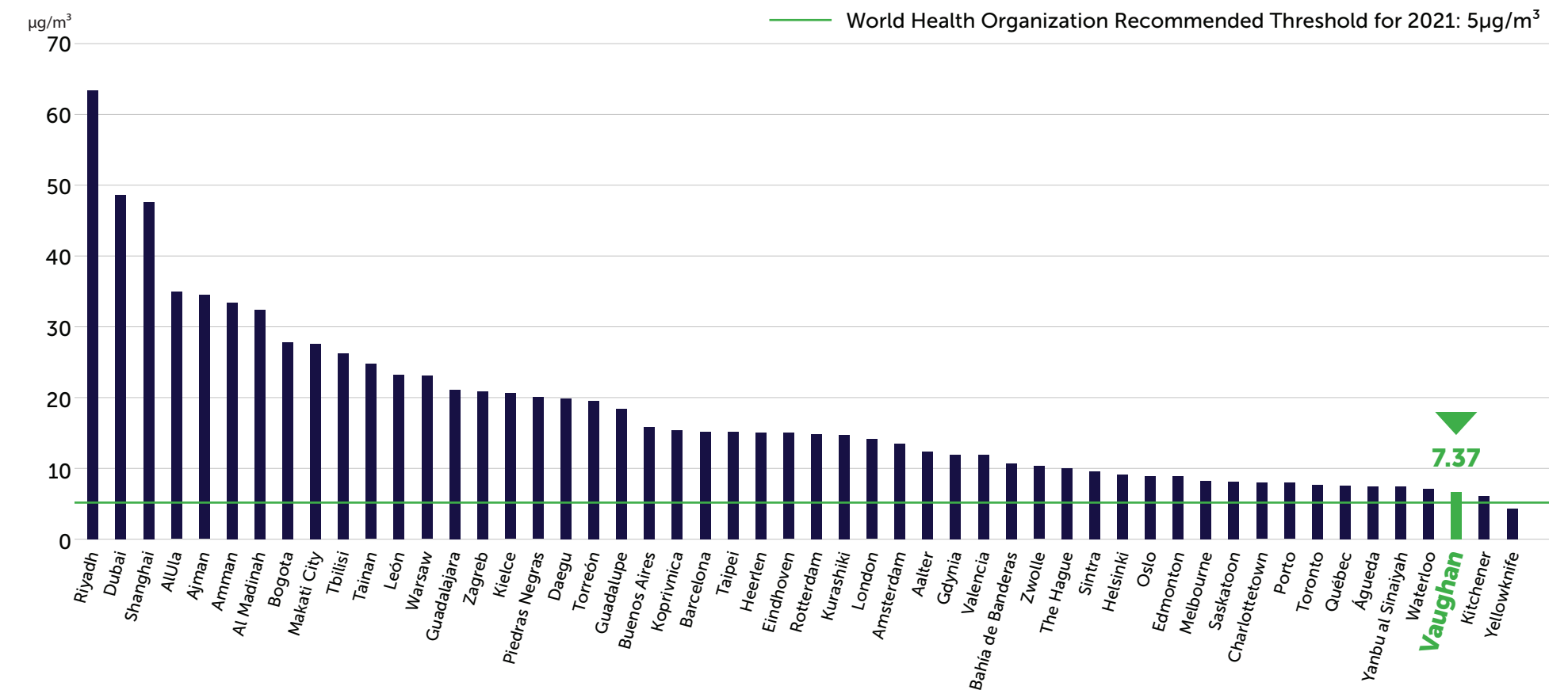
*Objective: Support community and corporate sustainability initiatives*

*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





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### 2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: ACTIVE, ENGAGED AND INCLUSIVE COMMUNITIES

*Goal: Ensure Vaughan is a vibrant, diverse, inclusive and equity-based community for all.*



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# SUPPORTING QUALITY OF LIFE AND CITIZEN WELLBEING

*Term of Council Strategic Priority:*

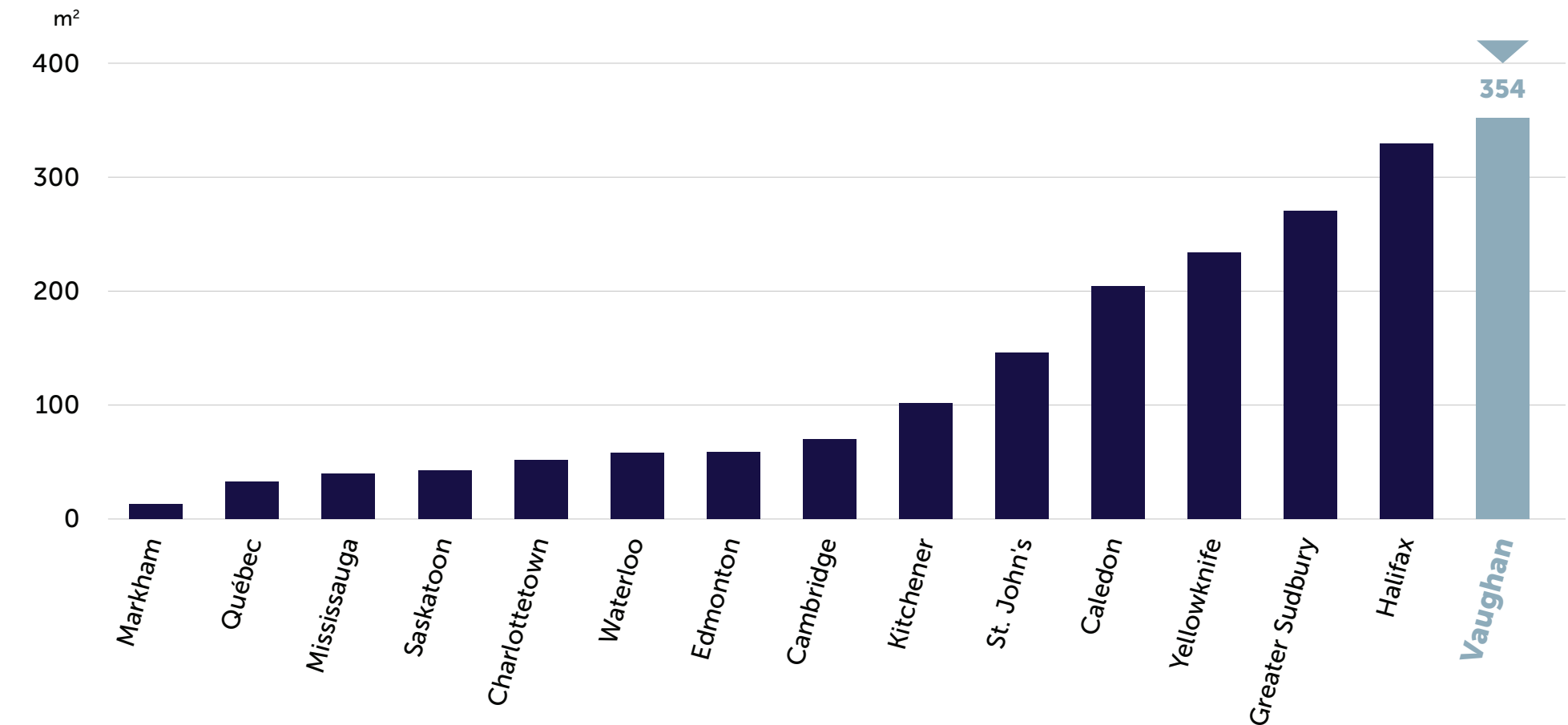
*Active, Engaged and Inclusive Communities*

*Objective: Build Vaughan as an active, engaged, creative and culturally vibrant community*



## Square meters of public outdoor recreation space per capita

ISO 37120 Indicator 14.2





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## SUPPORTING ACCESSIBILITY FOR ALL

*Term of Council Strategic Priority:*

*Active, Engaged and Inclusive Communities*

*Objective: Develop the City as a diverse, equity-based and inclusive community*



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Percentage of public buildings that are accessible by persons  
with special needs

ISO 37122 Indicator 13.1



100%



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### 2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: COMMUNITY SAFETY AND WELL-BEING

*Goal: Foster a high quality of life in Vaughan through safe and healthy communities.*



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Percentage of emergency responders who have received  
disaster response training

ISO 37123 Indicator 15.2

ENSURING CITIZEN SAFETY

*Term of Council Strategic Priority:  
Community Safety and Well-being*

*Objective: Continue to provide comprehensive fire protection and  
emergency services*



100%

Data includes Firefighters and Emergency Management Team Members, the emergency responders under Vaughan’s jurisdictional authority.



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## 2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: ECONOMIC PROSPERITY AND JOB CREATION

*Goal: Ignite economic prosperity and advance Vaughan as an entrepreneurial city.*



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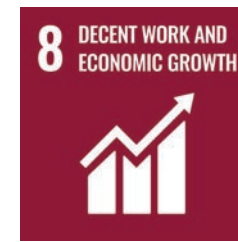
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## AN INNOVATIVE CITY

*Term of Council Strategic Priority:*

*Economic Prosperity and Job Creation*

*Objective: Empower the local business community to grow in Vaughan*

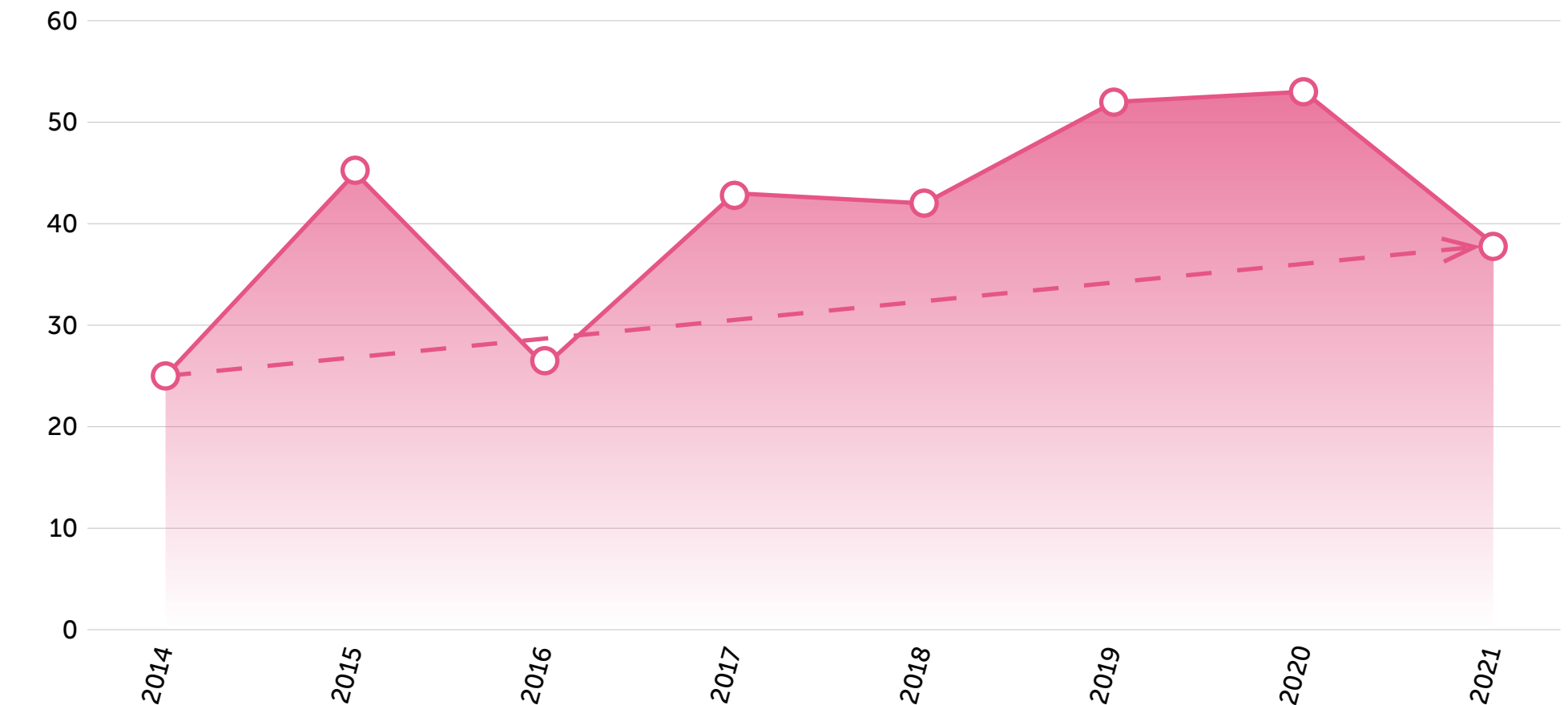


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## Number of new patents

ISO 37120 Indicator 5.6





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# A HIGHLY EDUCATED WORKFORCE

*Term of Council Strategic Priority:*

*Economic Prosperity and Job Creation*

*Objective: Promote Vaughan's economy as transformative, ambitious and purpose-driven*

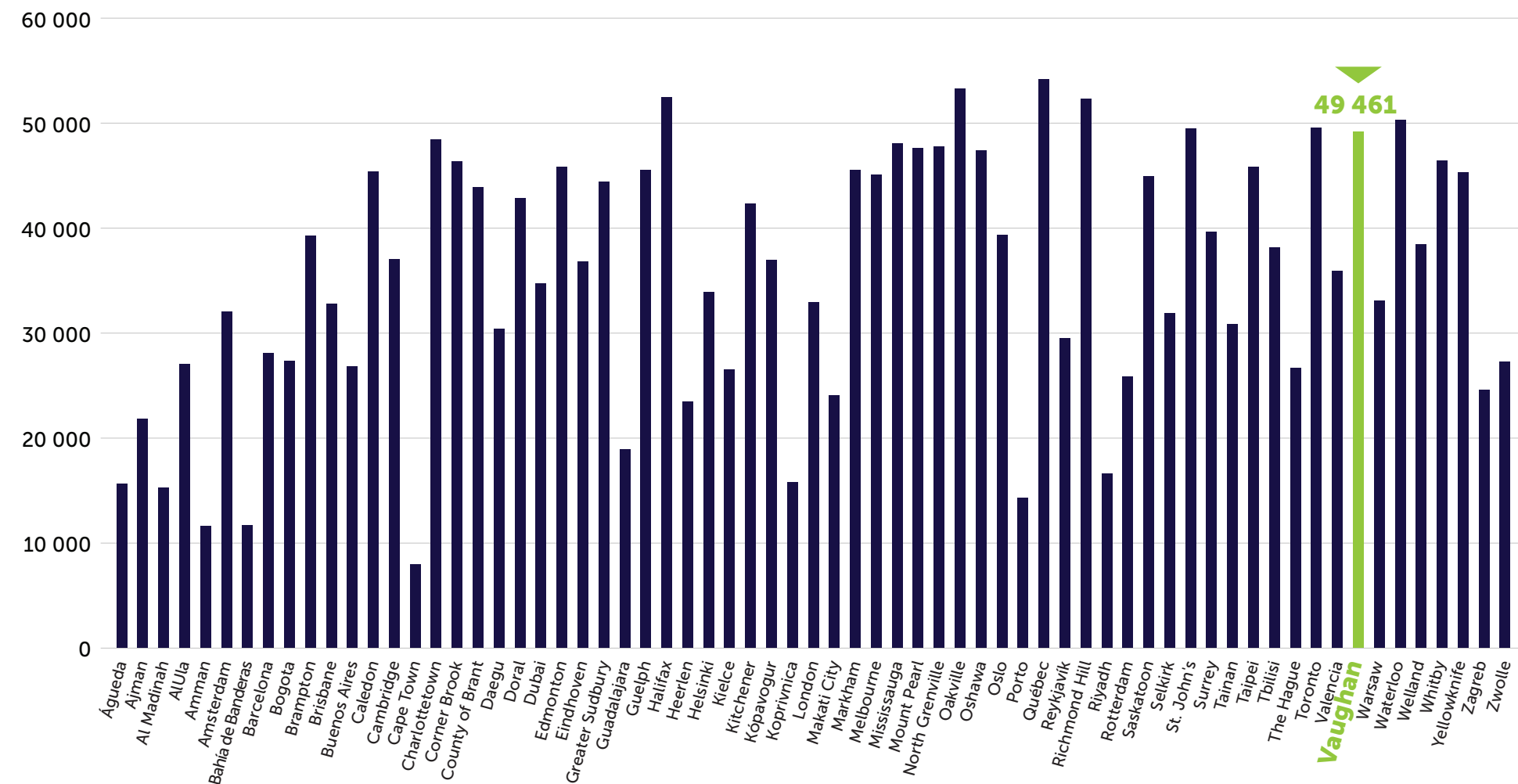


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## Number of higher education degrees per 100 000 population

ISO 37120 Indicator 6.6



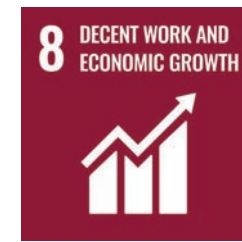


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## SUPPORTING INNOVATION

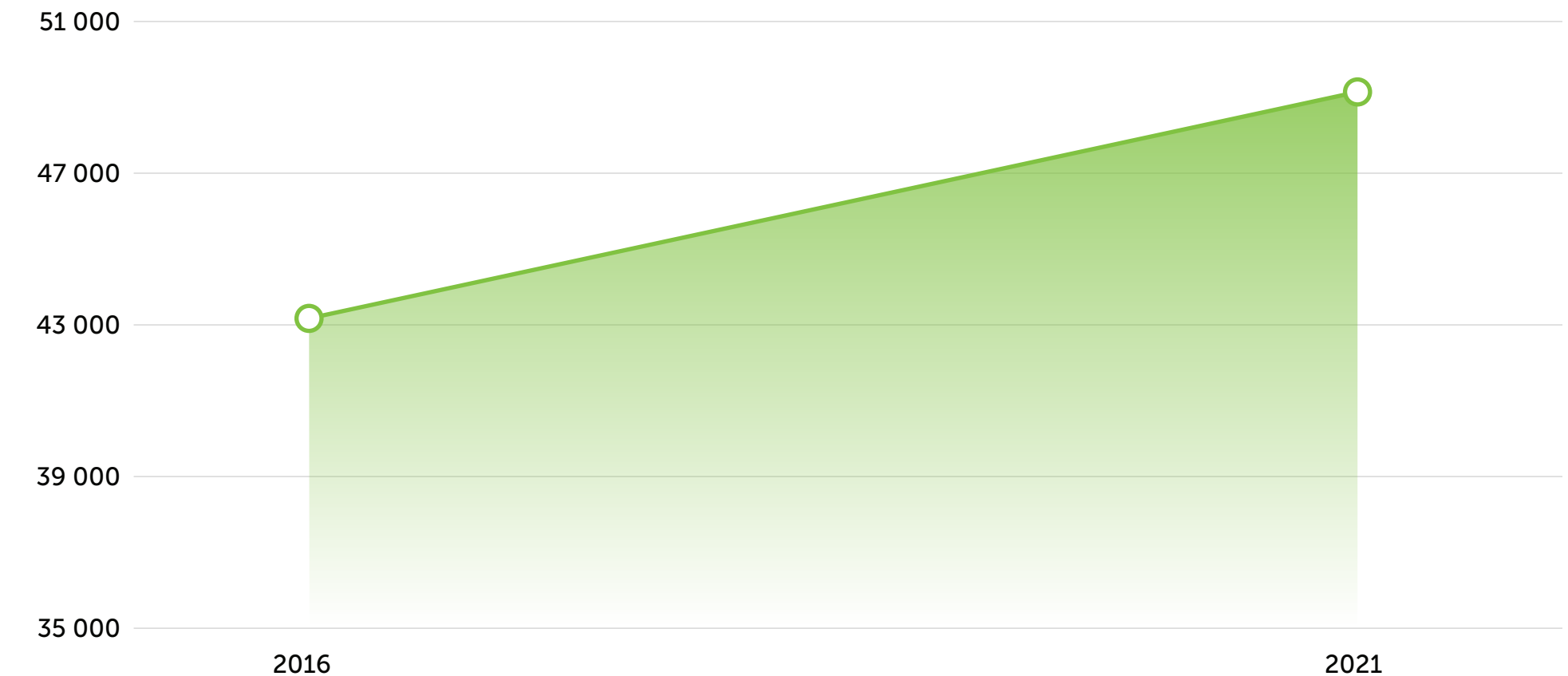
*Term of Council Strategic Priority:  
Economic Prosperity and Job Creation*

*Objective: Undertake strategic initiatives to bolster the local economy and future investment*



## Number of science, technology, engineering and mathematics (STEM) higher education degrees

ISO 37122 Indicator 6.3



Data was sourced from the Statistics Canada 2016 and 2021 census.



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### 2022-2026 TERM OF COUNCIL STRATEGIC PRIORITY: SERVICE EXCELLENCE AND ACCOUNTABILITY

*Goal: Provide exceptional citizen-focused services through continuous improvement, innovation, transparent and accountable decision-making, responsible financial management, and effective administration and communication.*



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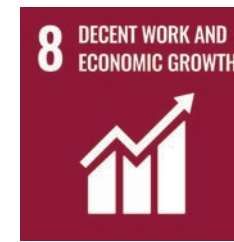


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### TOWARDS EFFICIENT SERVICE DELIVERY

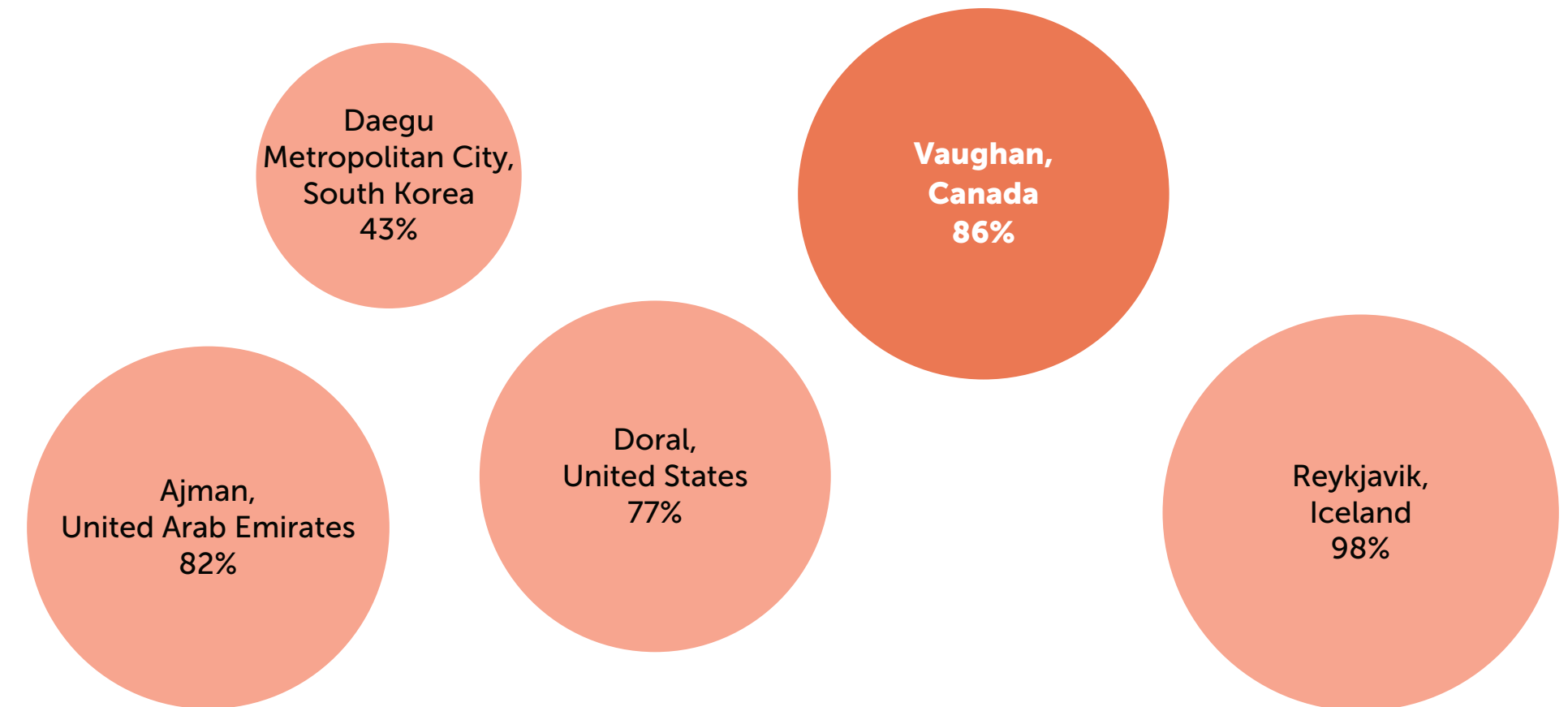
*Term of Council Priority: Service Excellence and Accountability*

*Objective: Committed to citizen service excellence as an innovative, data-driven service organization*



## Percentage of payments to the city that are paid electronically based on electronic invoices

ISO 37122 Indicator 9.2







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