

MARKHAM DATA DRIVEN INSIGHTS 2023



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 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.



CELEBRATING THE CITY OF MARKHAM: 5 YEARS OF WCCD ISO 37120 CERTIFICATION

ISO 37120



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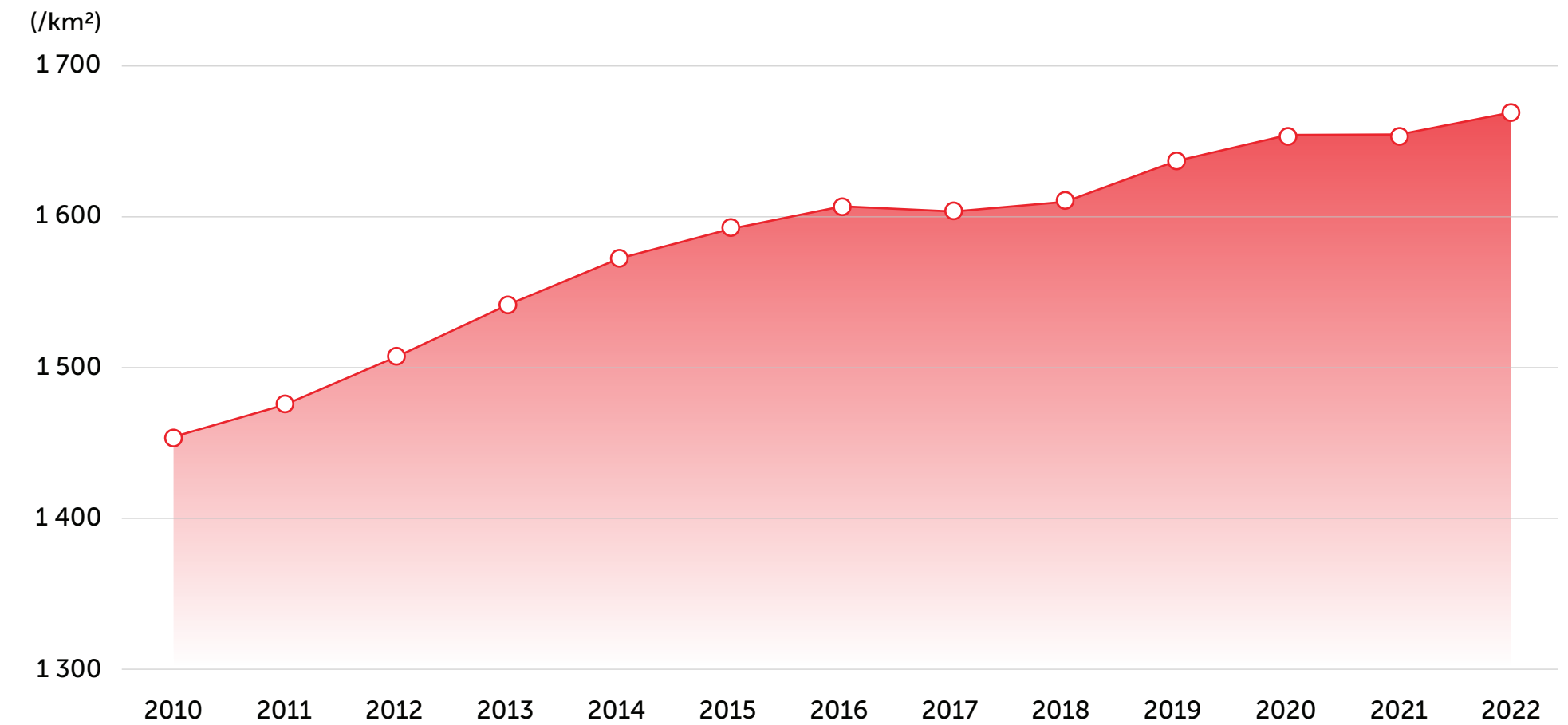


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MARKHAM

A TRAJECTORY OF SUSTAINABLE GROWTH

Population Density

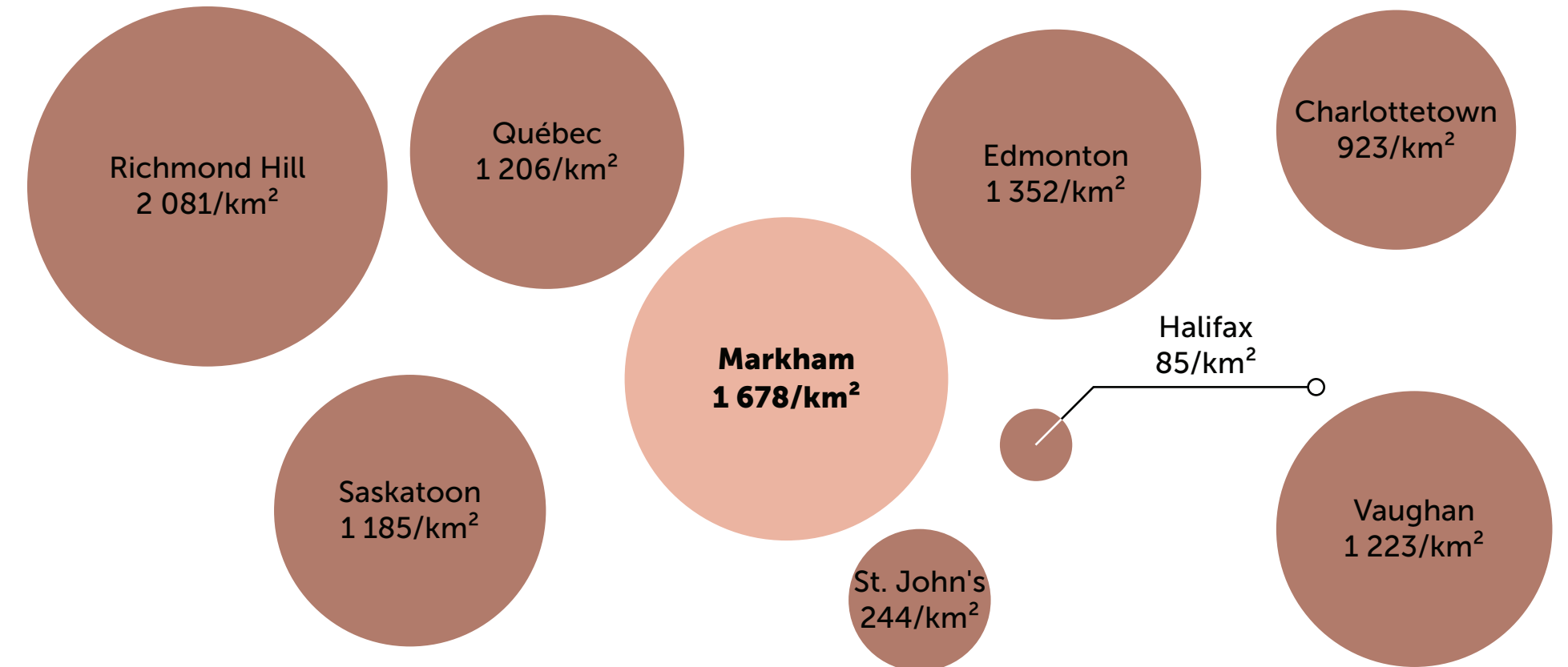


Data sourced from Statistics Canada.

MARKHAM

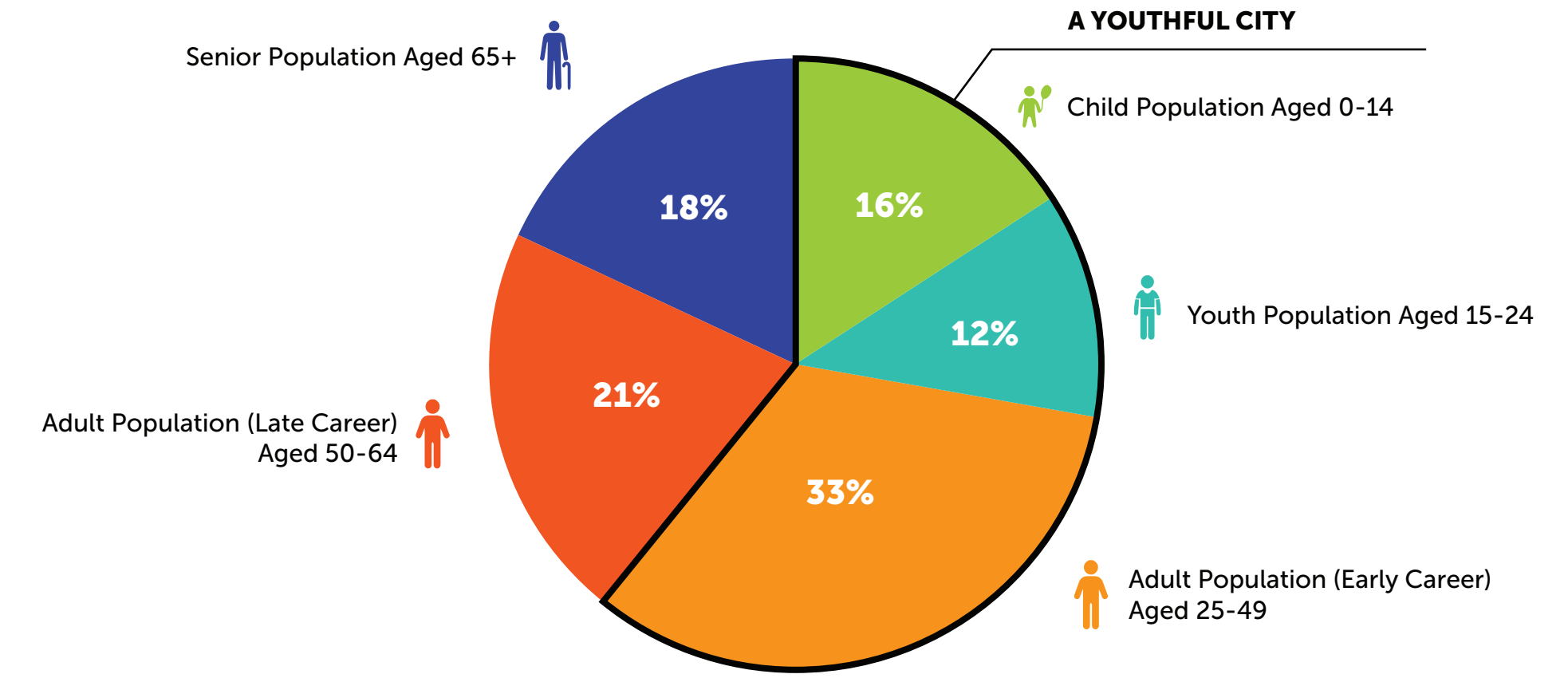
A TRAJECTORY OF SUSTAINABLE GROWTH – MARKHAM IN A COMPARATIVE PERSPECTIVE

Population density (persons per square kilometre)





Demographic Profile



Data derived from Statistics Canada 2021 Census.

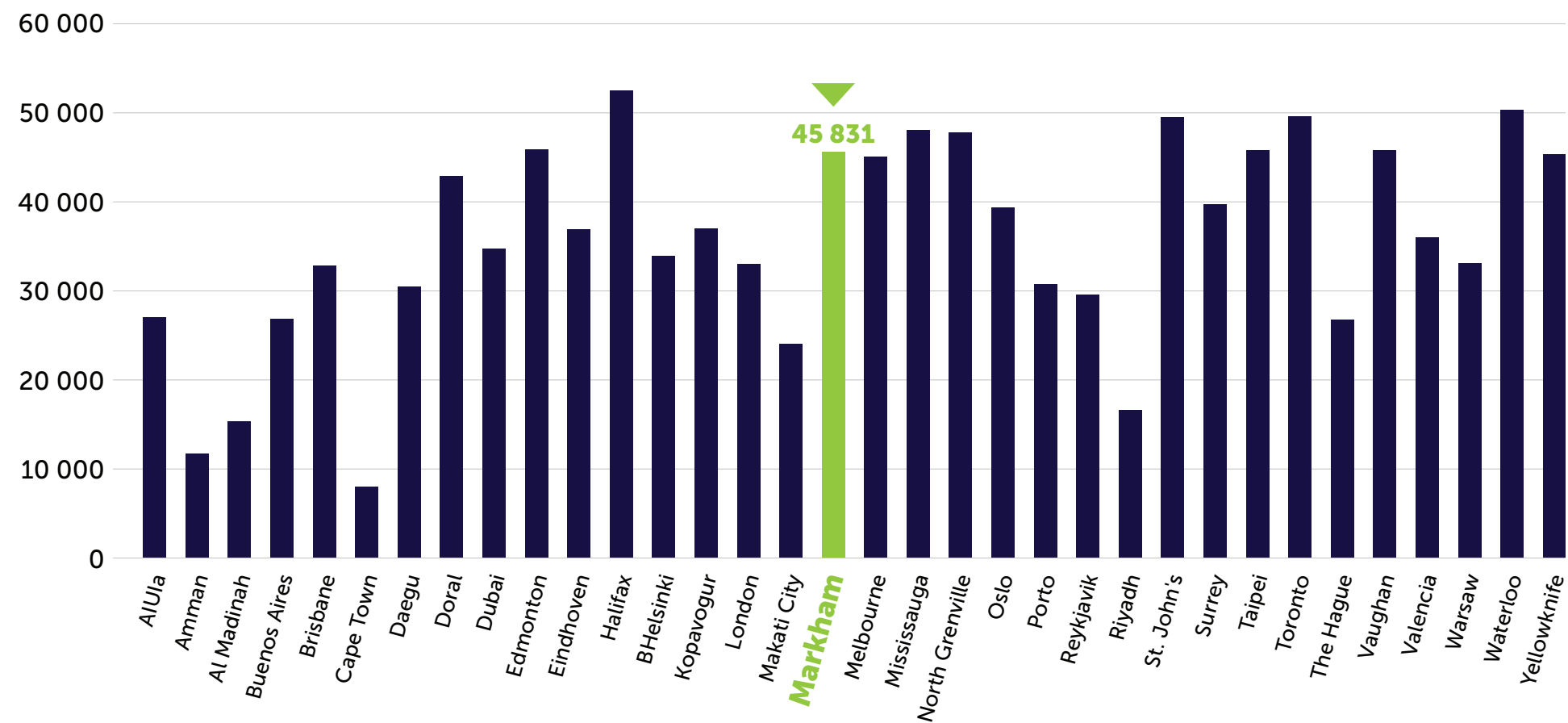
MARKHAM

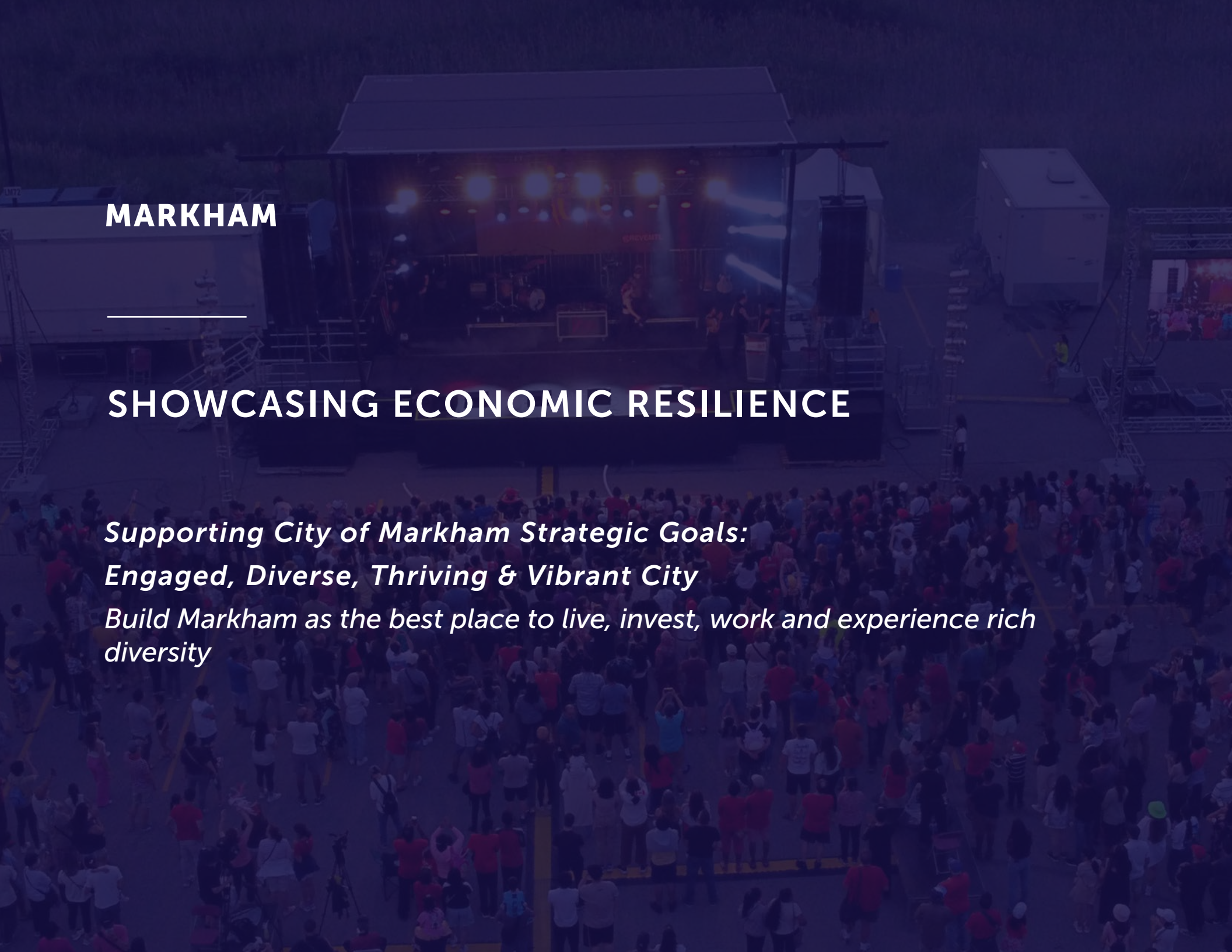
AN EDUCATED WORKFORCE

*Supporting City of Markham Strategic Goals:
Exceptional Services by Exceptional People
Attract and retain the right talent and invest in and empower our people to
drive innovation and service excellence*



Number of higher education degrees per 100 000 population

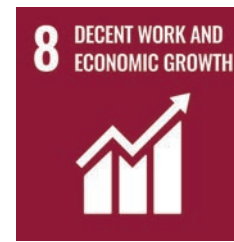




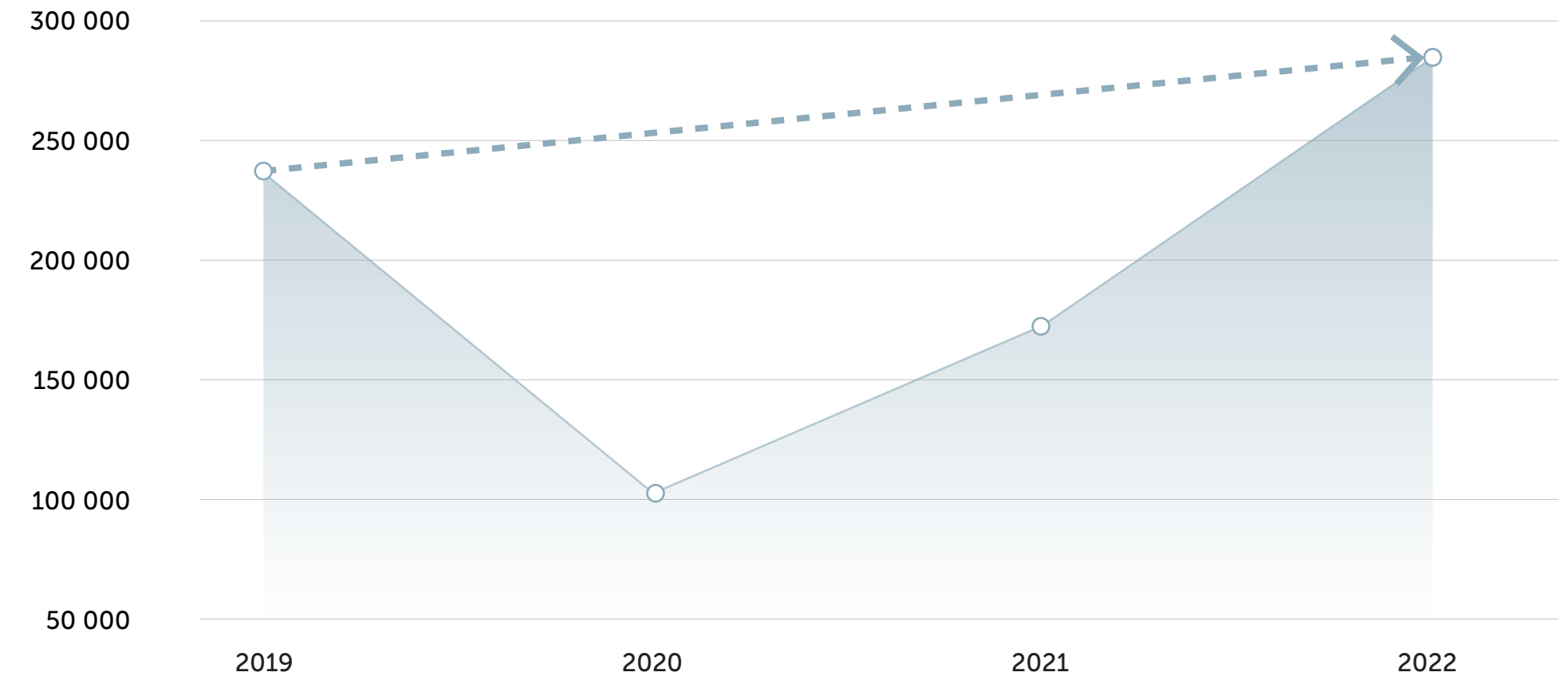
MARKHAM

SHOWCASING ECONOMIC RESILIENCE

*Supporting City of Markham Strategic Goals:
Engaged, Diverse, Thriving & Vibrant City
Build Markham as the best place to live, invest, work and experience rich diversity*



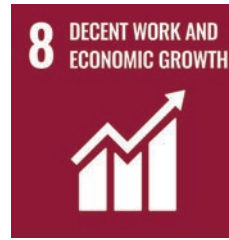
Annual number of visitor stays



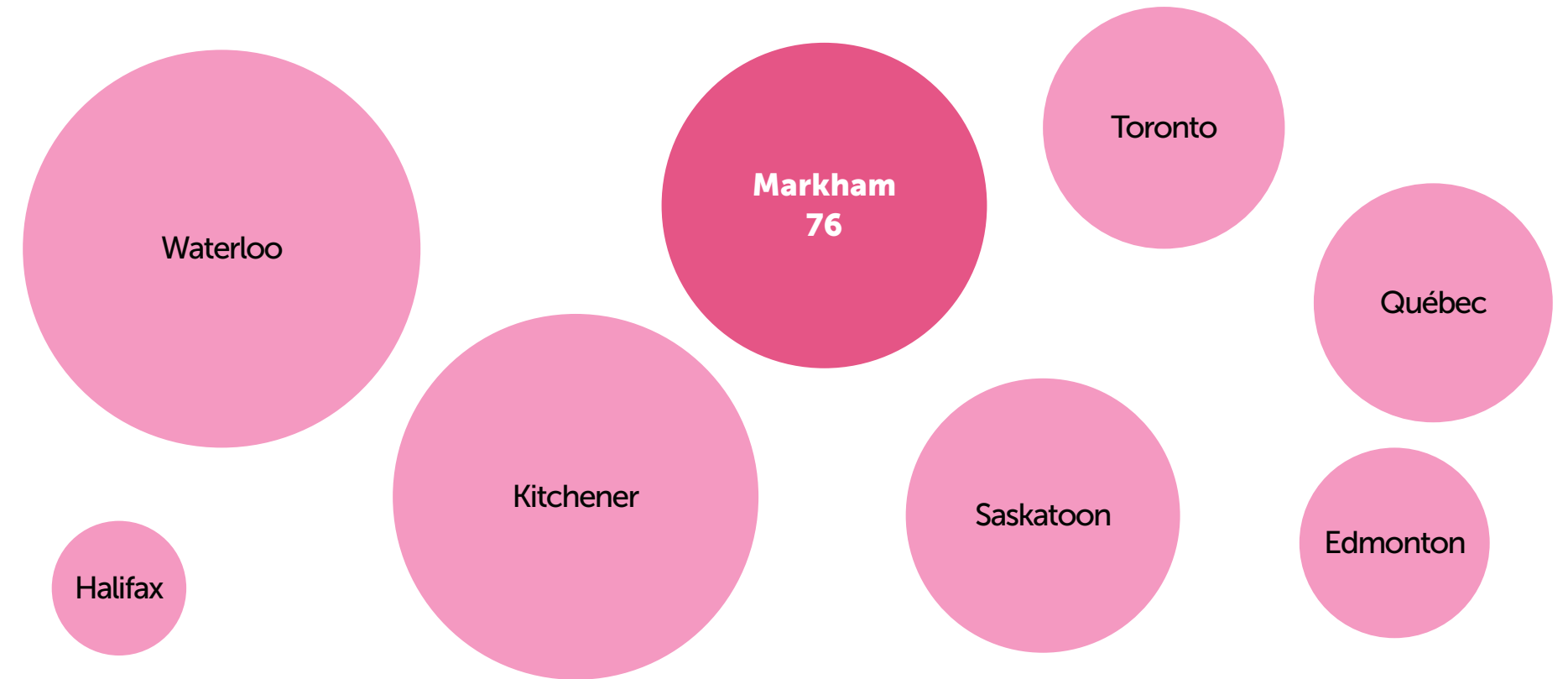
MARKHAM

AN INNOVATIVE CITY

*Supporting City of Markham Strategic Goals:
Engaged, Diverse, Thriving & Vibrant City
Build Markham as the best place to live, invest, work and experience rich diversity*



Number of new patents per 100 000 population per year



MARKHAM

A WELCOMING CITY

Supporting City of Markham Strategic Goals:
Engaged, Diverse, Thriving & Vibrant City
Build Markham as the best place to live, invest, work and experience rich diversity

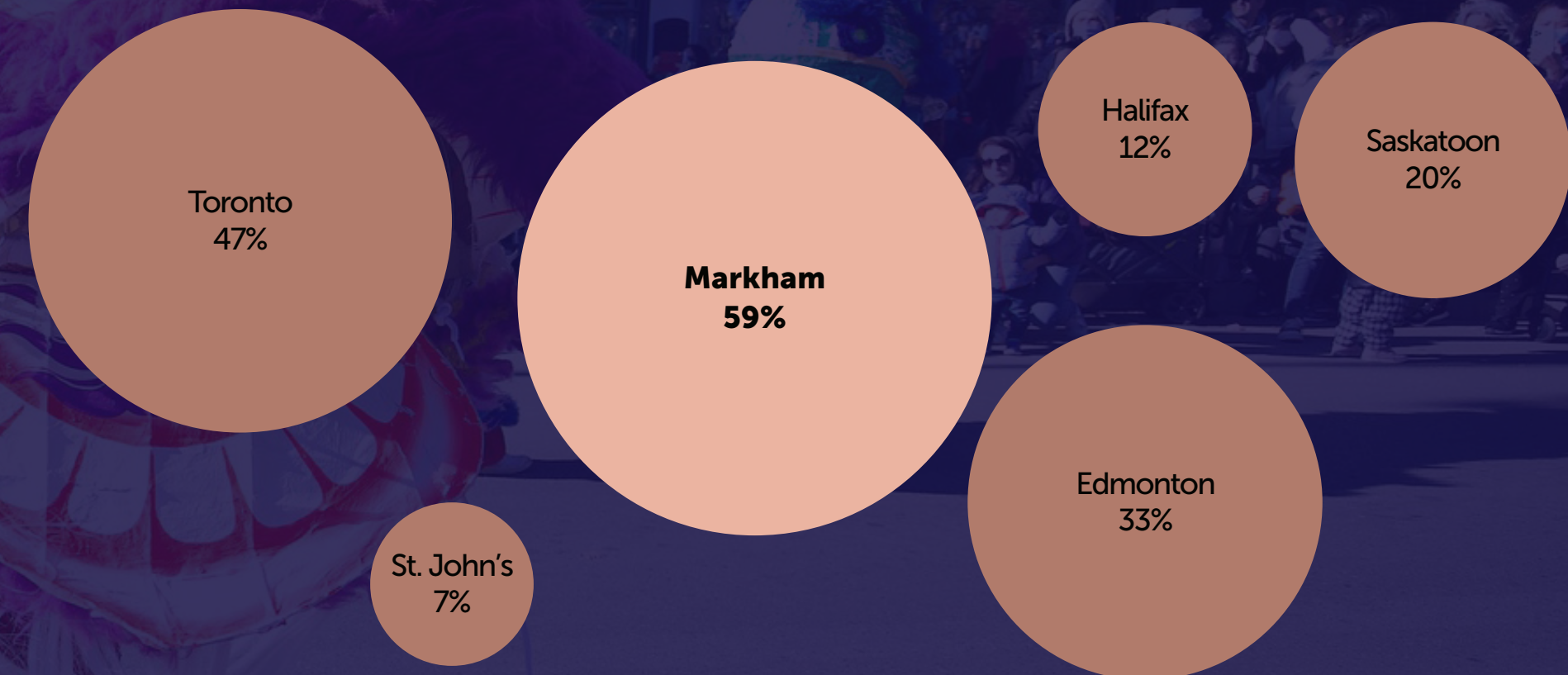
% of population that are new immigrants



6%

Data was sourced from the Statistics Canada 2021 Census.

% of population that are foreign born



Data was sourced from the Statistics Canada 2021 Census.

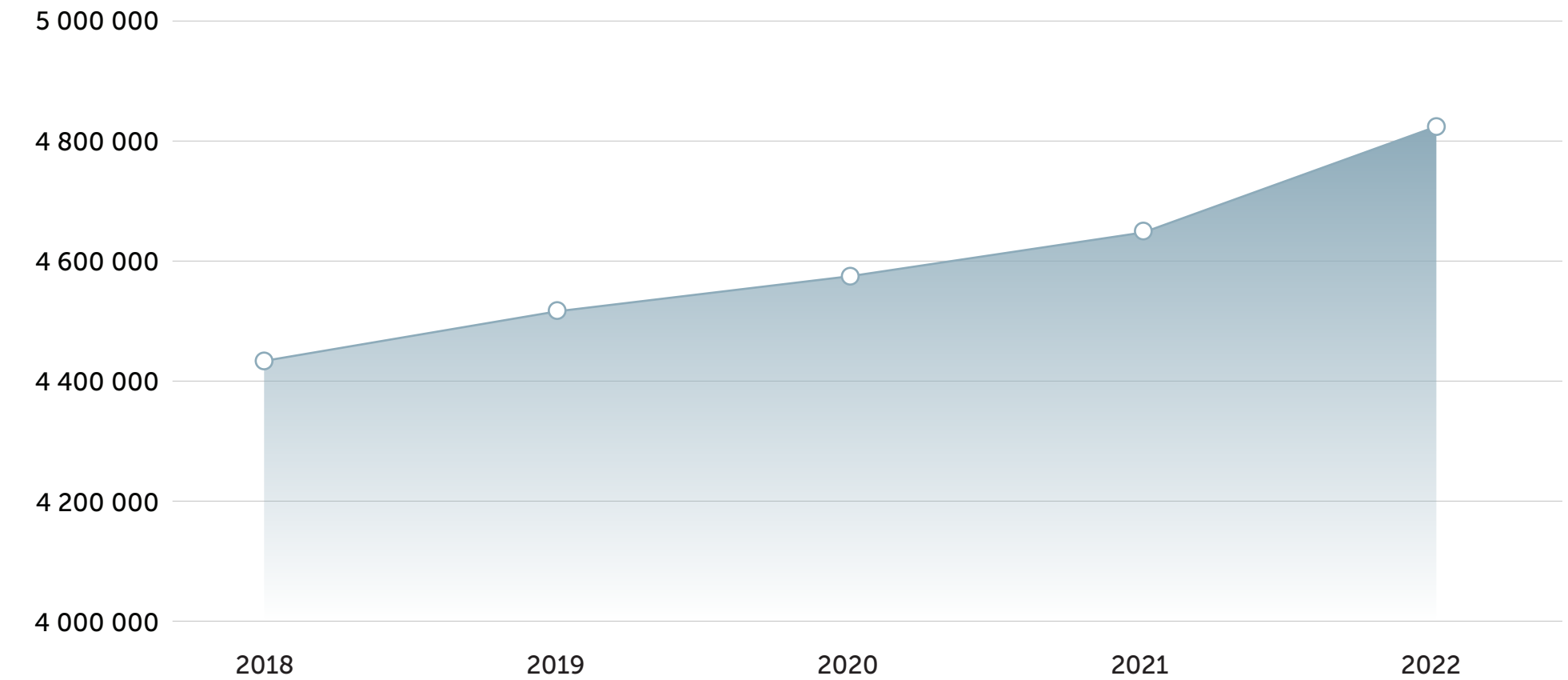
MARKHAM

A PLACE TO PLAY

*Supporting City of Markham's Strategic Goals:
Engaged, Diverse, Thriving & Vibrant City
Enhance community cohesion and inclusion by creating strong
neighbourhoods that are connected to the broader community*



Square meters of public outdoor recreation space



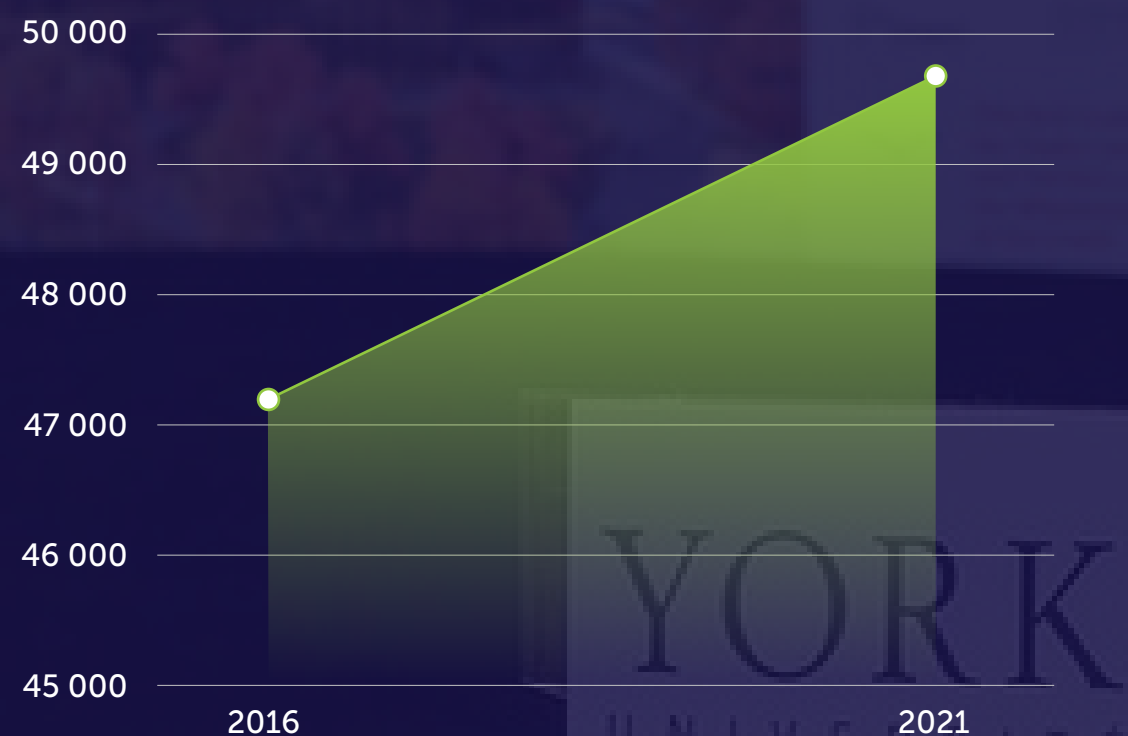


MARKHAM

SHOWCASING AN EDUCATED POPULATION

*Supporting City of Markham's Strategic Goals: Engaged, Diverse, Thriving & Vibrant City
Build Markham as the best place to live, invest, work and experience rich diversity*

Number of higher education degrees per 100 000 population



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

% of students completing secondary education



Custom data provided to WCCD from the Ontario Ministry of Education.

MARKHAM

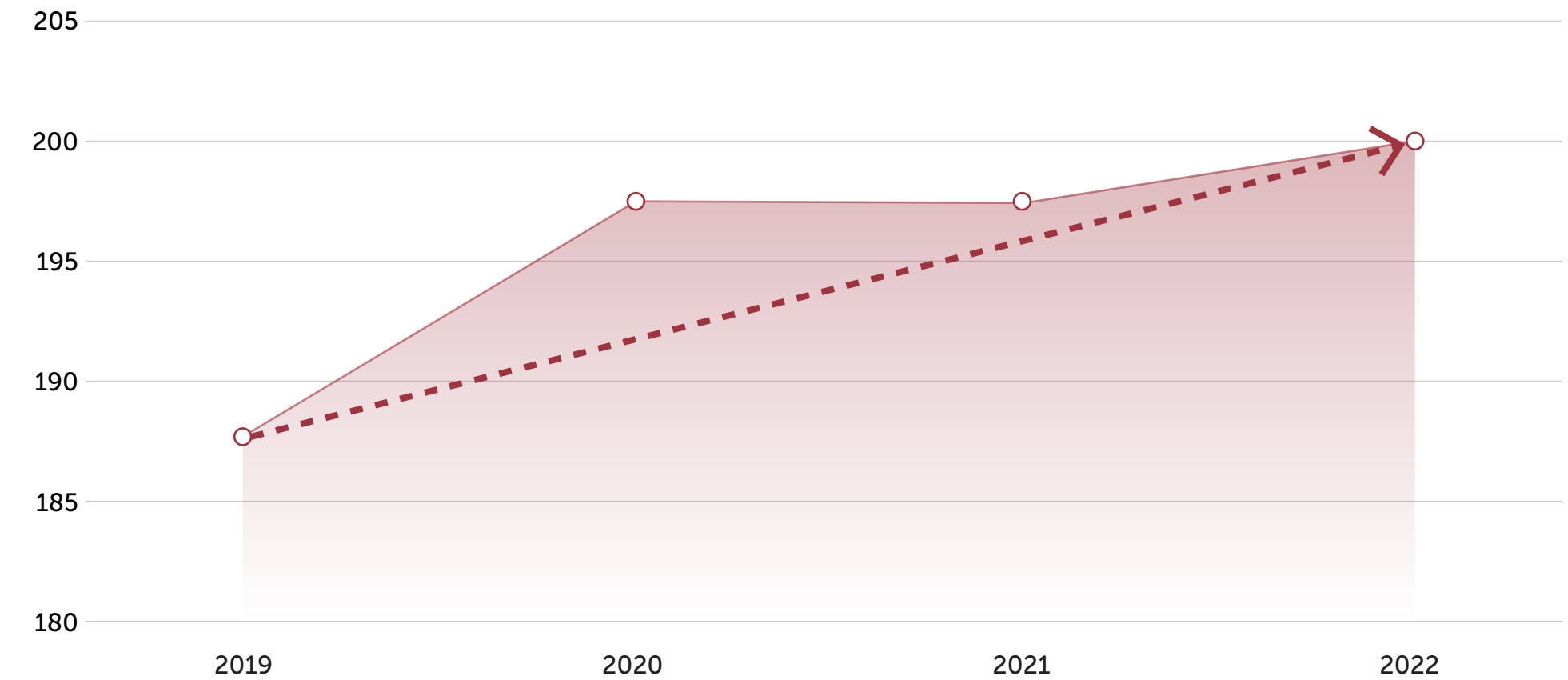
PROMOTING GREEN AND ACTIVE TRANSPORTATION

*Supporting City of Markham Strategic Goals:
Safe, Sustainable & Complete Communities*

Build complete communities that offer a range of housing and employment opportunities, transportation options and outstanding community amenities



Kilometres of bicycle paths and lanes



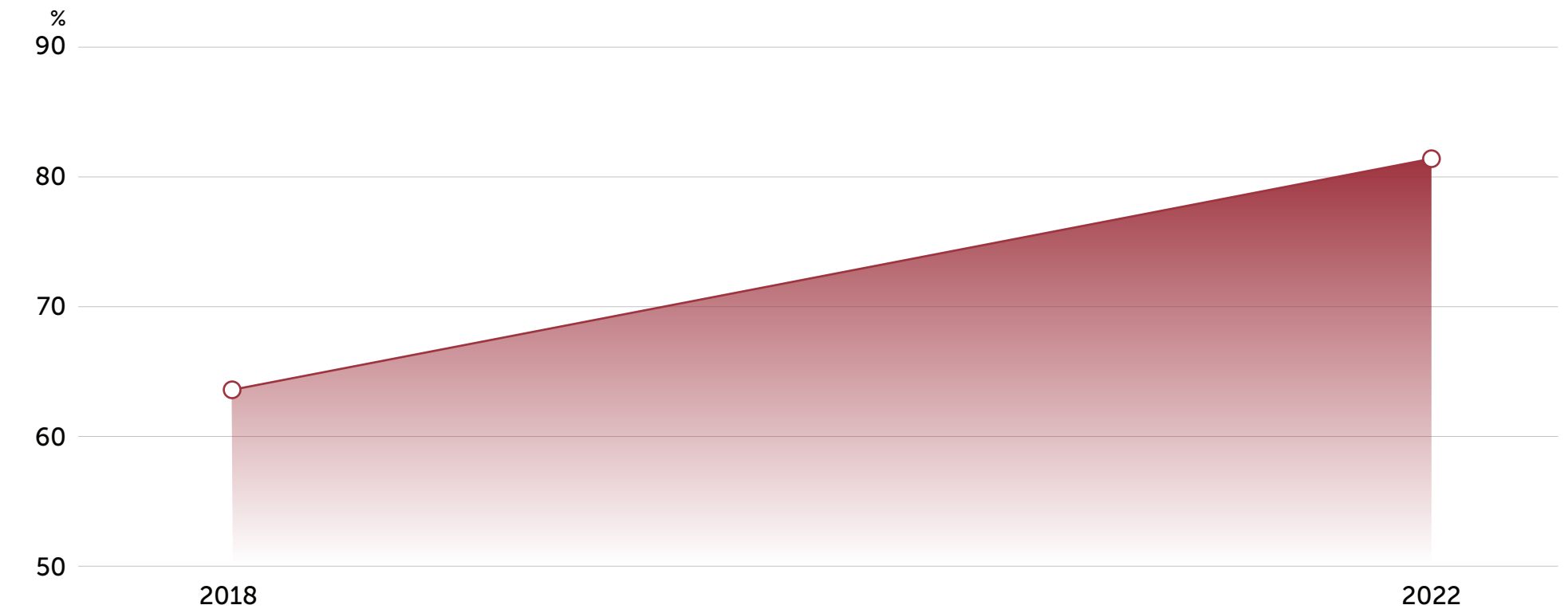
MARKHAM

A CONNECTED CITY

*Supporting City of Markham's Strategic Goals:
Safe, Sustainable & Complete Communities
Accelerate the delivery of an enhanced comprehensive
transportation network in partnership with other levels of
government and the private sector*



% of population living within 0,5 km of transit running at least every 20 minutes during peak periods



MARKHAM

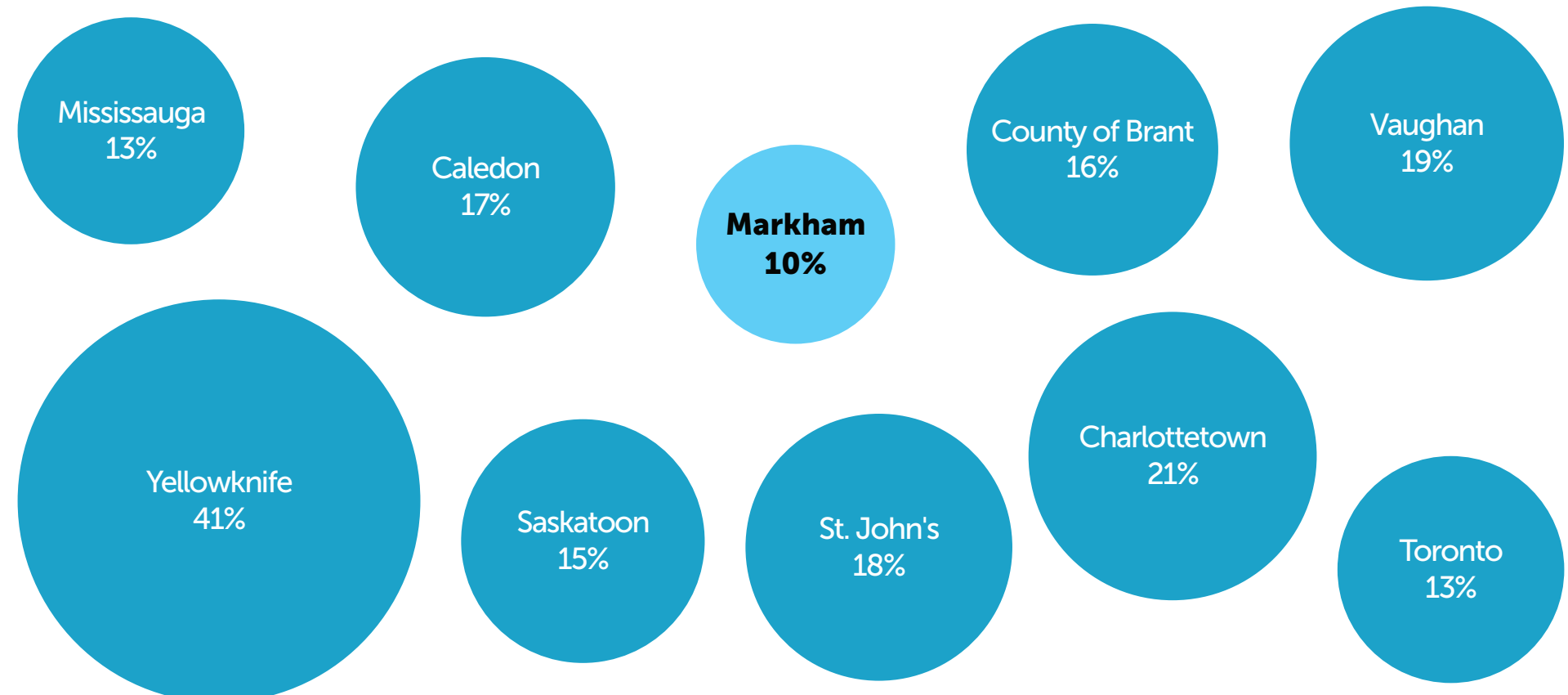
TOWARDS SUSTAINABLE RESOURCE USE

*Supporting City of Markham Strategic Goals:
Stewardship of Money and Resources*

Proactively manage our assets to maximize the return (financial, social, environmental, and cultural) on taxpayer investment



% of water loss



MARKHAM

SHOWCASING RESPONSIBLE CONSUMPTION

*Supporting City of Markham Strategic Goals:
Stewardship of Money and Resources*

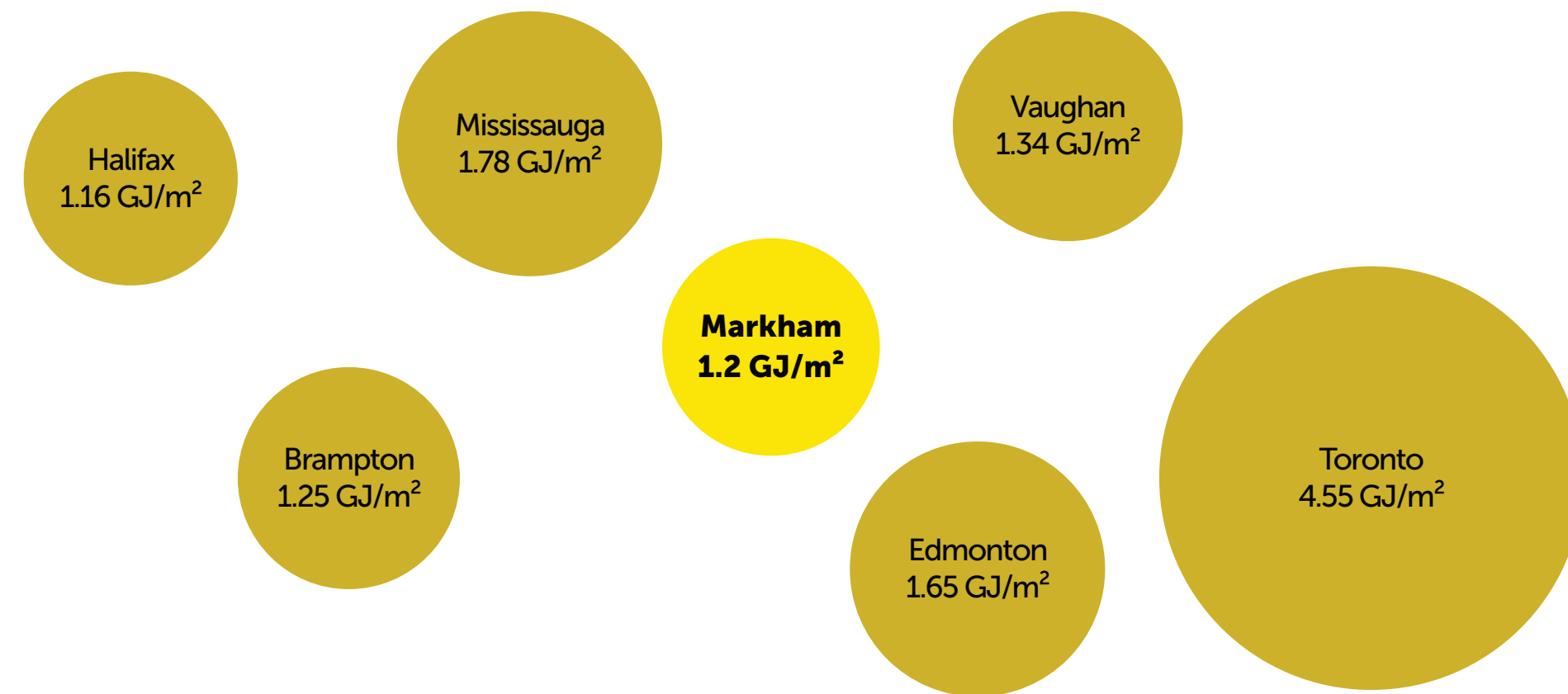
Proactively manage our assets to maximize the return (financial, social, environmental, and cultural) on taxpayer investment



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Final energy consumption of public buildings per year (GJ/m²)





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