

Information and Communication Technology (ICT)

SECTOR PROFILE



Information and Communication Technology (ICT)

Vaughan is at the heart of York Region's innovation economy, linking Cortellucci Vaughan Hospital – Canada's first smart hospital – and the Vaughan Metropolitan Centre (VMC) to Toronto's renowned research hospitals and top Canadian universities.

Vaughan is connected to a network of emerging incubators and innovation hubs, including ventureLAB, a leading global founder community for hardware technology and enterprise software companies serving York Region that support growth ventures in sectors like:

- Digital media and information and communications technology (ICT)
- Digital health and devices
- Fintech
- Advanced Manufacturing

Vaughan is located in the second-largest tech hub in the country. York Region's tech community boasts more than 4,600 ICT companies and is a complete ecosystem where tech multinationals operate alongside leading Canadian industry leaders. These leaders focus on all areas of innovation, including enterprise software, IT services, cloud computing, hardware, microelectronics and more.

Vaughan is a Smart City

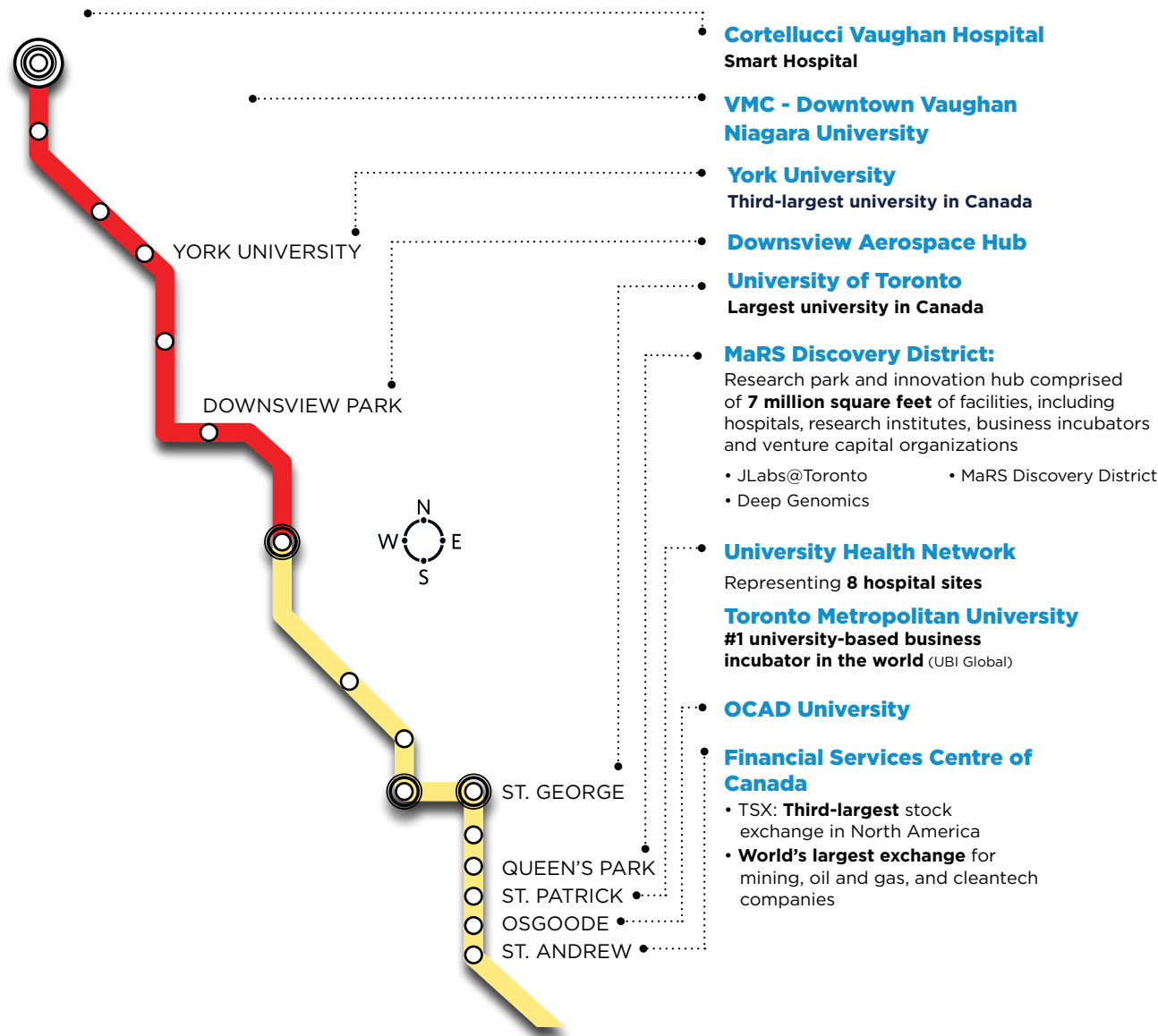
Vaughan is a city that stands at the forefront of innovation, driven by imagination and creativity. As a Smart City pioneer, Vaughan continues to seek new and meaningful ways to incorporate data-driven technological solutions into our ongoing city-building efforts, setting the standard for others to follow. Our Smart City approach leverages innovation, data and technology to solve civic challenges, provides businesses with a climate for growth and improves the quality of life and standard of living for residents.

Vaughan is a Smart Cities early adopter — achieving International Organization of Standardization (ISO) 37122 certifications from the World Council on City Data – and is among the first cities worldwide to be certified under this new Smart City standard, joining an early adopter cohort of 10 cities globally.



INNOVATION CORRIDOR TTC TRANSIT

Vaughan to Union Station (TRAVEL TIME: 42 minutes)



THE VAUGHAN ADVANTAGE

Vaughan offers a prime location featuring rich resources and assets of the region's innovation economy.

Major ICT companies in Vaughan include Mobile Climate Control Industries, Sherwood Electromotion, Teledyne Geospatial, Toromont CAT, Mitel, Dellcom Aerospace, CFN Precision Ltd, Digital Digital Realty, Drone Delivery Canada, Game Pill, SkyX and Mircom.

The Information and Communications Technology sector in Vaughan is more than **1,200 companies** strong and employs more than **6,400 people**.

The sector boasts:

- **more than 50** professional scientific and technical services employing **1,450 people**.
- **more than five** computer and electronic product manufacturing businesses employing more than **330 people**.
- **more than 160** manufacturing businesses employing nearly **4,700 people**.
- **more than 130** construction businesses employing more than **2,600 people**.

Notable industry concentrations include magnetic and optical media manufacturing and reproducing, communications equipment manufacturing, navigational, measuring, medical and control instruments manufacturing, electronic and precision equipment repair and maintenance, audio and video equipment manufacturing and computer and peripheral equipment manufacturing, which boast a location quotient* of more than 2.2.

*Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation or demographic group is in a region compared to the nation. It can reveal what makes a particular region unique in comparison to the national average. Many economists consider an area's industry to be concentrated if its LQ is above 1.2.



Did you know? Vaughan ranks ahead of major international cities, including London, Oslo and Riyadh, for number of new patents filed. Since 2015, **384 patents** have been filed.

TAP into highly educated and skilled talent

Vaughan's central location in York Region offers access to tech talent – the region has the highest concentration of tech talent in the Toronto-Waterloo Corridor.

In 2022, Vaughan was home to nearly **345,000 residents** – that number is expected to increase by 66 per cent by 2051. Significant city-building projects such as the Vaughan Metropolitan Centre (VMC), Promenade Centre and Yonge-Steeles Corridor offer exciting opportunities for offices that are co-located with local talent in urban settings, connected by rapid transit, subway connections and active transportation links.

Vaughan is located within a one-hour drive of eight colleges and seven universities.

- Seventy-three per cent of Vaughan's population over 25 years old has a post-secondary certificate, diploma or degree – surpassing both the provincial (68 per cent) and national (67 per cent) average.
- Ontario has nearly **1.2 million** workers that graduated from a STEM-related program at a post-secondary institution, and **more than 403,200** of those workers are currently employed in STEM-related occupations.
- The Major Mackenzie Healthcare Corridor is in proximity to **40,000 metro-area life sciences and healthcare degree students**.

Vaughan is Transformative, Ambitious and Purpose-driven

As the go-to source for insight into Vaughan's business community, the Economic Development team can support you with business, real estate and demographic information, highly customized end-to-end site selection assistance, zoning, planning and by-law information, and more! **TAP** into your next opportunity.



Connect with us

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 [Vaughan Economic Development](#)

Economic Development

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