# SECTOR PROFILE ADVANCED MANUFACTURING

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Within Peterborough's advanced manufacturing sector in 2021 based on 2012 dollars

SOURCE: metroeconomics



Average wages per job within the advanced manufacturing sector in 2020 – 10% below the national average



Smart Industrial Control System

32.04%

25%

Within Peterborough's advanced manufacturing sector in 2021

SOURCE: EMSI Analyst

Fine

67%

300+

Manufacturing businesses within Peterborough as of December 2020

SOURCE: Statistics Canada, Canadian Business Counts



Spending by Peterborough's manufacturers on supplies and services in 2017

SOURCE: EMSI Analyst



of the sector's supply chain purchases are sourced in-region

SOURCE: EMSI Analyst 2017

# NATIONAL

Canada-European Union Comprehensive Economic and Trade Agreement (CETA), **Comprehensive and Progressive Agreement** for Trans-Pacific Partnership (CPTPP) and United States-Mexico-Canada Agreement (USMCA) provide preferential access and market opportunities in Europe, Asia and North America.

SOURCE: Government of Canada, Canadian manufacturing sector

Significant Advanced Manufacturing Sector: Expected to have \$540 billion in exports and \$1 trillion in sales through the application of machine learning (ML), artificial intelligence (AI), and internet of things.

Manufacturers export more than \$354 billion each year, representing 68% of Canada's merchandise exports and 1.7 million full-time jobs.

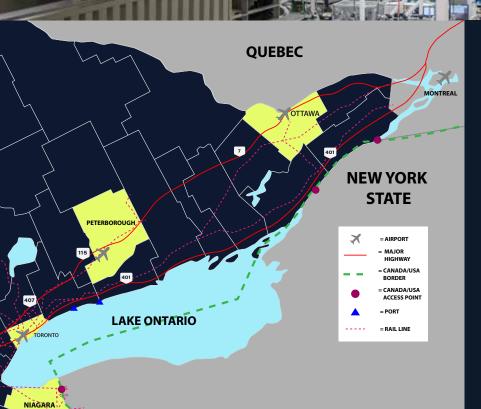
A cornerstone of Canada's economy, accounting for \$174 billion or 10% of GDP.

#### PROVINCIAL

Total exports from Peterborough CMA's Manufacturing sector in 2020 totalled \$526.27M while imports totalled \$569.64M.

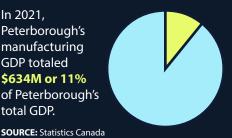
SOURCE: Statistics Canada

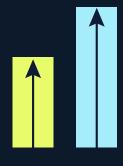
Ontario's manufacturing industry generates \$270 billion in annual sales and accounts for 18% of the province's GDP, employing over 12% of Ontario's total workforce. SOURCE: ontario.ca



**PETERBOROUGH & THE KAWARTHAS** 

In 2021, Peterborough's manufacturing GDP totaled \$634M or 11% of Peterborough's total GDP.





Peterborough's manufacturing GDP is forecasted to grow by 11% (\$76M) from 2021 to 2026 and 17% (\$129M) from 2021 to 2030. SOURCE: Ontario.ca

## **SKILLED WORKFORCE & TALENT**

# **Fleming College**

Peterborough possesses a skilled workforce with over 54% of the population possessing a postsecondary certificate, diploma, or degree. **33,132 people or over 1⁄4 of Peterborough's population** (26.08% of the population) possess a College, CEGEP, or other non-university certificate or diploma.

#### There are 10,240

**people** (8.06% of the population) aged 15 years and over in Peterborough with an apprenticeship or trades certificate or diploma.

**The School of Trades and Technology** offers a number of diploma and apprenticeship programs and a range of graduate certificates aligned with the advanced manufacturing sector.

Home to the **Centre for Advancement in Mechatronics and Industrial Internet of Things** (CAMIIT), a leading edge hub of applied research and technology services for industrial and academic research projects.

**CAMIIT is focused on contributing to innovation in Canada** by creating partnerships with businesses, organizations and entrepreneurs. Includes: Engineering consultation, feasibility analysis, product development, prototyping testing and validation. It's a one stop research centre.

#### LABOUR

As of 2021, manufacturing was Peterborough's 5th largest sector by labour force with at total **4,979 PEOPLE** (7.58% of total)

Successful manufacturers in Peterborough & the Kawarthas are well-known for their collaborative and supportive nature.



Scan the QR code to read the full success story!

## **BUSINESS ENVIRONMENT**

Peterborough's manufacturing sector is supported by regional manufacturing associations, Ontario East Economic Development and has strong local ties with workforce and economic development agenices throughout the region.

#### **POST-SECONDARY INSTITUTIONS**

Trent University accounted for 31% of graduates or 1,662 people. SOURCE: EMSI Analyst 2020 Fleming College accounted for 69% of graduates or 3,746 people. SOURCE: EMS Analyst 2020

#### PETERBOROUGH'S DIVERSIFIED MANUFACTURING SECTOR

**Clean Technology** 

**Motor Vehicle Parts** 

#### **Top Manufacturing Sub Sectors**

- Plastic Product
- Food & Beverage
- Electrical Equipment

#### YOU'RE IN GOOD COMPANY



#### Fleming's 87,000 sq ft world-class trades and technology skills training facility in Peterborough



#### **RECENT INVESTMENTS**

Fairlife opens first Canadian plant in Peterborough with \$85M investment, producing with 100% Canadian milk.

Rolls Royce completes 7500 sq ft Centre of Excellence for Naval Handling Equipment in Canada to assemble and test innovative Mission Bay Handling System.

Flying Colours Corp. \$30M manufacturing and operations hangar expansion at Peterborough Airport.

# NATURALLY INNOVATIVE



For more info visit investptbo.ca/manufacturing \$ 705.743.0777



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