

Defining and Quantifying Canada's Manufacturing Automation Industry

April 14th, 2020

Brendan A. Sweeney, PhD | Managing Director Trillium Network for Advanced Manufacturing

Programs of Work

Growth Segments

Industry 4.0

Skills & Talent

Asset Mapping

Initiatives

Data Collection & Analysis

Company Profiles

Partner Profiles

Meetings & Consultations

Outputs

Company & Partner Profiles

Industry & Thematic Reports

Trillium GIS

Presentations

Audiences

Government

Industry Associations

Manufacturers

Partner Organizations

Canadian
Manufacturing
GDP (2019)

Motor Vehicles - \$6.5B

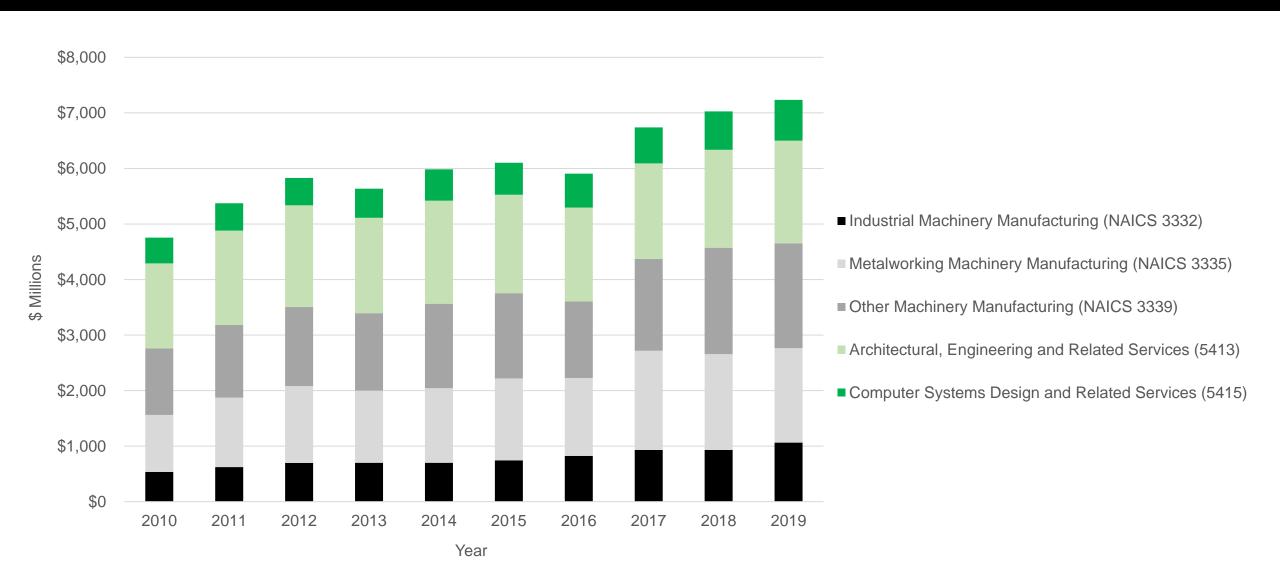
Motor Vehicle Parts - \$8.9B

Aerospace - \$8.2B

Automation (MFG) - \$7.2B

	GDP (2019)	% OUTPUT TO MFG	ESTIMATED GDP FROM MFG
Industrial Machinery Manufacturing (NAICS 3332)	\$2.21B	48.16%	\$1.06B
Metalworking Machinery Manufacturing (NAICS 3335)	\$2.37B	71.26%	\$1.69B
Other Machinery Manufacturing (NAICS 3339)	\$4.24B	44.42%	\$1.88B
Architectural, Engineering, and Related Services (NAICS 5413)	\$25.24B	7.32%	\$1.85B
Computer Systems Design and Related Services (NAICS 5415)	\$32.65B	2.25%	\$0.74B
TOTAL			\$7.22B

MFG Automation Contributions to GDP, 2010-2019



Canada's Manufacturing Automation Industry



\$7.22B – Annual Contributions to Canadian GDP



58K – Canadian Employment (52% in Ontario)



>500 – Ontario Companies



\$71K – Average Annual Earnings/Employee

Next Steps

- Refine and update model as needed
- Continue to build company database
- Trade patterns
- Markets/customers

• Qualitative analysis (e.g. profiles) of Ontario automation companies

Connect with Trillium

©TRILLIUMMFG

TRILLIUMMFG.CA

✓ INFO@TRILLIUMMFG.CA

