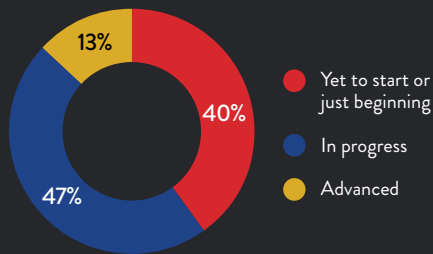




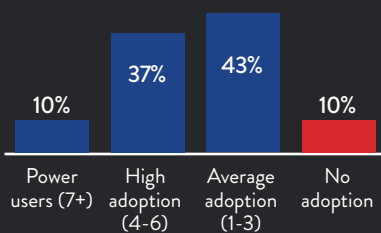
# CME 2023 TECHNOLOGY ADOPTION SURVEY

MAY 2023

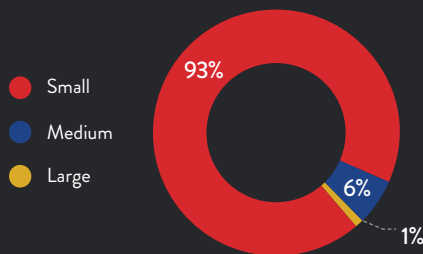
## Stage of progress in digital transformation



## Usage of advanced manufacturing technologies



## Size of Canadian manufacturers



CANADIAN MANUFACTURERS & EXPORTERS

## CME 2023 Technology Adoption Survey: Small Manufacturers Lagging the Furthest Behind

Our latest survey confirms that Canadian manufacturers continue to face barriers to technology adoption, and this threatens Canada’s economic competitiveness and living standards.

### MANUFACTURERS HAVE MADE PROGRESS, BUT MORE WORK NEEDS TO BE DONE

**40%** of manufacturers have yet to start or are just beginning their digital transformation process.

**24%** of manufacturers are currently not using any one of nine digital transformation software solutions available on the market, like enterprise resource planning (ERP) systems.

**10%** of companies have yet to adopt any one of nine advanced manufacturing technologies, like cybersecurity and cloud computing.

### SMALL MANUFACTURERS SLOWEST TO ADOPT ADVANCED TECHNOLOGY

Compared to bigger manufacturers, small businesses (companies with fewer than 100 employees) reported lower confidence in their knowledge of advanced technologies, greater difficulty in obtaining financing for digital transformation projects, and lower rates of technology adoption.

**93%** of Canadian manufacturers are small businesses, many of which also play a key role in the supply chains of larger companies, making this an issue that affects the whole industry.

### SKILLS SHORTAGES ARE A TECHNOLOGY ADOPTION KILLER

**One-third** of manufacturers said that a shortage of skilled workers is one of their biggest barriers to technology adoption. They can’t find enough workers with the skills needed to make the most of these new technologies, limiting the appeal of such investments.

### ACTION IS NEEDED

Government action is needed on three fronts to help accelerate technology adoption in Canada’s manufacturing industry:

1. Support information and testing opportunities—fund technology demonstration tours, site visits, and online technology adoption roadmaps.
2. Reduce purchase costs and de-risk investments—introduce a national 10% investment tax credit that is matched by all provinces.
3. Reduce skills shortages—support employer-led training through a 50% tax credit that offsets half the costs of employee training.

### WE HELP MANUFACTURERS GROW

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