

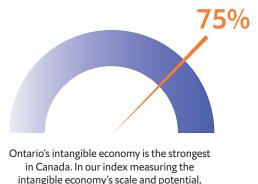
The scale and potential of Ontario's intangible economy

ECONOMIST Developed by

IMPACT

Going from 75 to 100

In a post-covid-19 world, economic success is more closely tied to intangibles than ever. Does Ontario have everything it needs to build a thriving intangible economy? Four areas stand out as critical to Ontario's competitiveness.



intangible economy's scale and potential, Ontario received a score of 75/100.

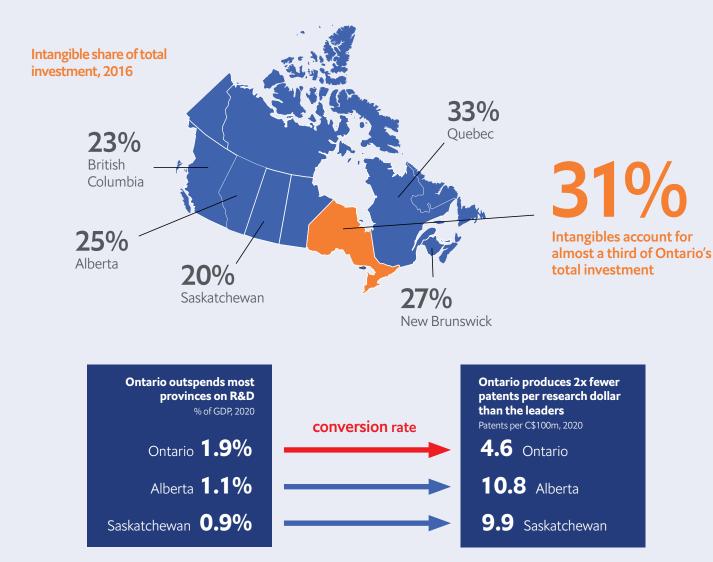
What are intangibles?

COMPUTERIZED INFORMATION **17%** software, databases, data processing and analysis INNOVATIVE PROPERTY **27%** creation/discovery work, intellectual property, R&D and patents

ECONOMIC COMPETENCIES 56% human capital, market research, brands and organizational capital

*percentages refer to composition of intangible investment in Ontario

1. Ontario invests heavily in developing intangibles, but struggles in translating those efforts into a productive, locally owned stock of IP



Patents are not a one-for-one predictor of intangible success, and many businesses now rely on trade secrets. But, in general, low rates of new patent generation point to potential problems in exploiting intangible assets.

2. Commercializing IP and other intangible innovations is crucial for growth, but this has proven difficult in Ontario

There is room for improvement... Ontario lags in terms of scale-up potential and access to finance







Firms scaling up to 50+ employees in

ten years (lags behind all US states)



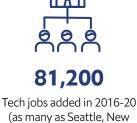
Share of total lending to small and medium-sized enterprises, lowest

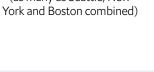
among OECD countries

...but there are some bright spots



Ontario in 2019-20







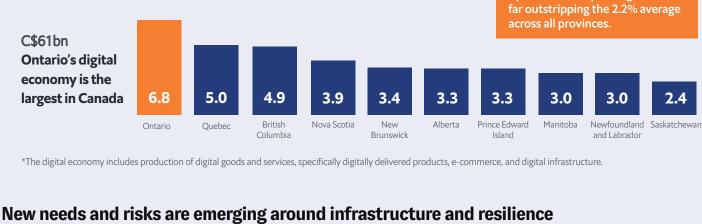
sales during the pandemic

intangible value; doubled its

Ontario's digital economy grew Size of digital economy (% of GDP) 2019 by 6.1% annually during 2014-19,

3. The pandemic has accelerated the need for informed decision-making about digital

infrastructure, central to a sustainable intangible economy.





sectors, which is also growing

has little or no high-

speed internet access



plan to invest in e-commerce this year



experienced a

cyber-attack in 2021



growth in Ontario's clean tech sector

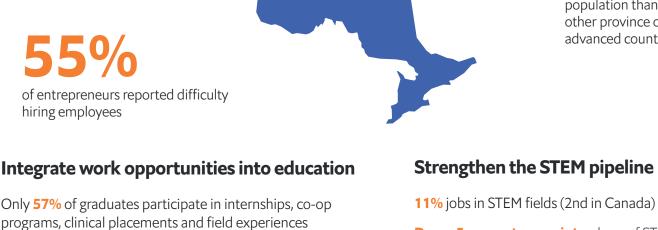
in Canada in labor force participation among college graduates, despite having a

more highly educated

population than any other province or

4. To support growth, Ontario should strengthen intangible economy-specific education and skills training Ontario needs better matching of skilled workers to intangible-related jobs

vacancy rate in intangible



advanced country

280,000 workers and job seekers advance in their careers

Ontario's C\$200m Skills Development Fund has helped

Down 5 percentage points: share of STEM

compared with their Canadian-born counterparts

graduates employed in a STEM field, 2006-16

Immigrants in STEM fields earn 28% less

Conclusion

Across Canadian companies, the share of intangible assets to total market capitalization reached 53% in 2021, up five percentage points in two years.

Intangibles have become increasingly vital for provincial development. However, comprehensive information about

Better data and policies will be crucial for informing Ontario's innovation strategies of the future. Source for all data presented: Economist Impact. "The scale and potential of Ontario's intangible economy." 2022.

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the intangible economy is limited or lagging, constraining our understanding about how to realize its full potential.