

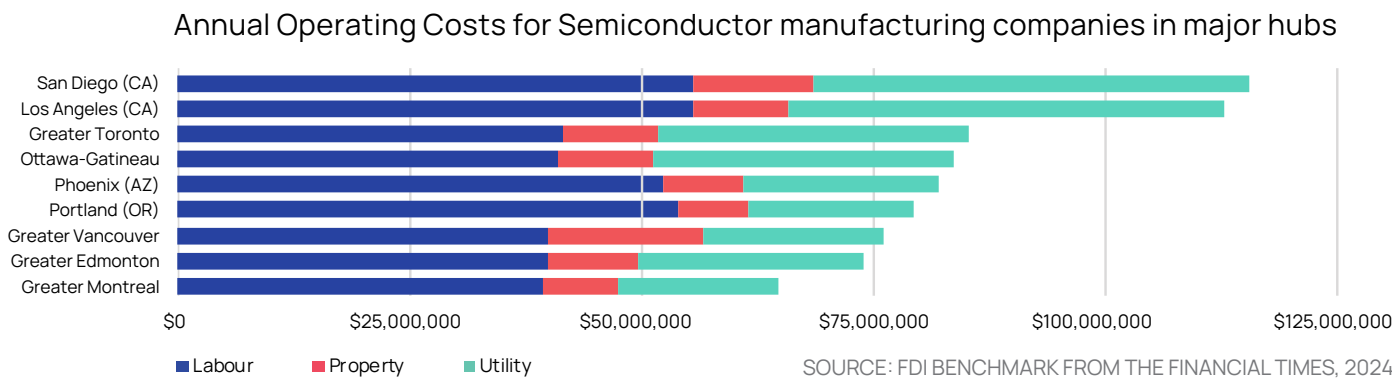
The Metro Vancouver region is an emerging center for semiconductor innovation, with companies specializing in the design and manufacturing of semiconductor-based products. These firms benefit from the region's robust infrastructure, skilled workforce, and supportive business environment.

The region hosts pioneering companies in the semiconductor space, including:

Accelovant	AMD	Ansys	Astera Labs	Bonsai Micro	BTQ	Crosslight Software	Daanaa	Dream Big Semiconductor
Dream Photonics	Emtar Technologies	EPIC Semiconductors	Intel	Lumotive	Marvell Technologies	Microchip	Semtech	Vortek

SOURCE: FDI BENCHMARK FROM THE FINANCIAL TIMES, 2024

Companies benefit from competitive annual operating costs compared to other North American semiconductor hubs

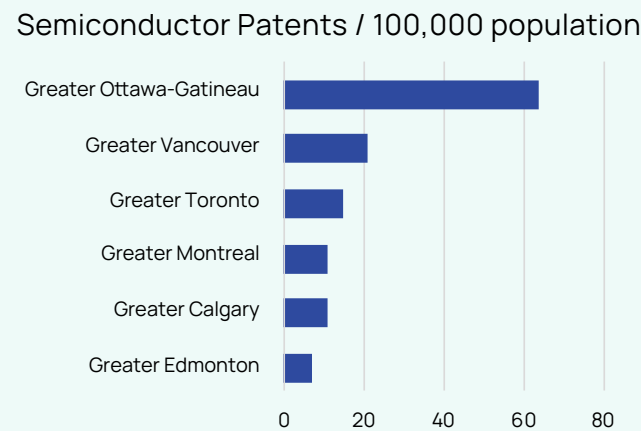


Home to universities at the forefront of innovation in semiconductor research and development

The Department of Materials Engineering at the University of British Columbia's highly ranked School of Engineering (25th globally) focuses on advancing semiconductor materials, including Group IV semiconductors, to create smaller, faster, and more energy-efficient computing and communication hardware.

The Mooney Lab, led by Professor Emerita Patricia M. Mooney at Simon Fraser University (SFU), investigates semiconductor physics with a focus on the impact of defects on semiconductor materials and devices. Their research includes the study of deep-level defects in novel semiconductors and at insulator/semiconductor interfaces.

The region is among national leaders in semiconductor innovation



SOURCE: FDI BENCHMARK FROM THE FINANCIAL TIMES, 2024

“The ecosystem here thrives on connections—everyone is invested in making the region a leader on the global stage.”

Apurva Jain, General Manager of Lumotive’s Canadian corporation

Incentives and Supports

- **Canada’s Semiconductor Council:** a national semiconductor industry association that advances the growth of Canada’s semiconductor sector by shaping strategy, fostering collaboration, and strengthening supply chains. Members in the region include Daanaa and Ansys.
- **FABrIC:** a five-year \$223M initiative funded by the Government of Canada to promote collaboration across industry, academia, government, and non-profits in the Canadian semiconductor ecosystem. This follows up on the \$150M Semiconductor Challenge Callout, which awarded \$150 million to semiconductor development and manufacturing in 2022.
- **Scientific Research and Experimental Development (SR&ED) Tax Incentive Program:** provides Canadian businesses with over \$3 billion annually in tax incentives to support research and development activities conducted within Canada.
- **Industrial Research Assistance Program (IRAP):** provides Canadian SMEs with advice, connections, and funding to support innovation and bring tech-driven ideas to market.

Recent Developments in the Regional Semiconductor Ecosystem

- **Emtar Technologies Inc.,** a Richmond-based semiconductor startup, secured **CA\$18.5 million** in angel funding in 2024 to advance the development of its energy-efficient, low-power system-on-chip (SoC) architectures.
- **Lumotive,** a U.S.-based optical semiconductor innovator, established a new office in Burnaby in 2024 to enhance its development of advanced 3D sensing technologies.
- **Semtech Corporation,** a leading supplier of high-performance analog and mixed-signal semiconductors, completed its acquisition of Richmond-based **Sierra Wireless,** a global leader in wireless Internet of Things (IoT) solutions, in 2023 for approximately **US\$1.2 billion.**
- **Accelovant Technologies Corporation,** a North Vancouver-based developer of fiber-optic sensing solutions—expanded their manufacturing facility with the help of funding it received from the federal government in 2022.
- **Bonsai Micro,** a Vancouver-based developer of critical infrastructure for next-generation wireless networks, raised funding from BDC Capital and Vanedge Capital in 2023.



Invest Vancouver provides tailored services to help you grow and expand into the region’s market.

Interested in the Metro Vancouver region?
Contact us at info@investvancouver.ca

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