



One Province One Economy

Benefits of British Columbia's Mining Supply Chain

Every Community is a Mining Community

MABC
MINING ASSOCIATION
OF BRITISH COLUMBIA
mining.bc.ca



OVERVIEW

Mining Builds Communities

Mining helped build British Columbia into the province it is today.

For generations, mining has been a critical source of jobs, community development and prosperity in every region of our province.

Today, BC's mineral explorers, mines and smelters, and the local businesses that support them, continue to be foundational to our province's economy and its future growth, while providing the minerals and metals we all depend on.

BC is Canada's largest producer of copper and steel-making coal, the second largest producer of silver and the only producer of molybdenum.

Our mines have a lower GHG intensity than most of our global competitors and our products are essential to the transition to a low carbon economy.

Mining is fundamental to a strong, sustainable BC economy and has become an increasingly high-tech and data-driven industry.

In 2018, the industry generated:



- **\$12.3 billion** in economic activity
- **33,000+** direct and indirect jobs, and



- **\$1 billion** in direct payments to government to support healthcare, education and public services.



The province's mineral explorers spent **\$331 million** last year, and **\$4.9 billion** over the last 15 years.

The discoveries of the past 15 years have included the Brucejack, Mount Milligan and Red Chris deposits.



The Mining Association of BC (MABC) and the Mining Suppliers Association of BC (MSABC) commissioned iTotem Technologies Solutions to study our sector's BC supply chain to provide a clear picture of the economic and societal benefits of BC's mining sector at the community level. The study quantifies the amount spent by 17 operating mines and two smelters on materials, goods and services within British Columbia.

Every Community is a Mining Community

The BC mining industry packs an economic punch in communities throughout British Columbia.

In 2018, BC’s mines and smelters spent **\$2.9 billion** purchasing materials, goods and services from more than **3,700 businesses** located in 215 BC municipalities, communities or Indigenous nations.

BC’s Mining and Smelting Supply Chain	
	Smelters 2
	Mines 17
	Mining Suppliers 3,730
	Communities 215
	Spend \$2.9 Billion

One Province, One Economy: Bringing Together Urban and Rural Communities

The numbers clearly show mining and smelting benefit BC’s urban centres in addition to rural and Indigenous communities:

- **1,265** or **34%** of the **3,730 BC-based businesses** that supplied materials, goods and services in 2018 to the mining industry are located in **20 urban municipalities** in Metro Vancouver.
- The industry purchased **\$941 million** worth of materials, goods and services from **Metro Vancouver’s 1,265 mine suppliers**.
- On Vancouver Island, BC’s mines and smelters procured **\$105 million** worth of materials, goods and services from **270 suppliers**.



	Metro Vancouver / Lower Mainland	Vancouver Island
Suppliers	1,265	270
Communities	20	25
Spend	\$941,000,000	\$105,000,000

Mining injected almost **\$1 billion** into **1,265 Metro Vancouver businesses** in 2018, a key source of economic activity and jobs for BC’s largest urban centre.

One Province One Economy

Over **3,700 BC suppliers** across the province provide **\$2.9 Billion** worth of goods and services to BC mining operations.



A Diverse, Billion-Dollar Supply Chain Employing Thousands In Metro Vancouver

Traditional mining communities like Kamloops, Princeton, Prince George and Tumbler Ridge understand the mining industry provides family-supporting jobs, incomes and opportunities – they see them every day.

Less well-known are the economic and employment benefits mining and smelting provide for BC’s urban population.

- Vancouver is British Columbia’s largest urban mining community with **485 mining suppliers** generating **\$248 million** in revenue in 2018.
- Surrey’s **190 mining suppliers** generated **\$111 million** in revenue. Burnaby’s **140 mine suppliers** generated **\$202 million** in revenue from the mining sector.
- On Vancouver Island, the industry spend through the City of Victoria’s **45 mining suppliers** totaled **\$36 million** in 2018, while **\$27.5 million** flowed through the **115 mine suppliers** in Campbell River.



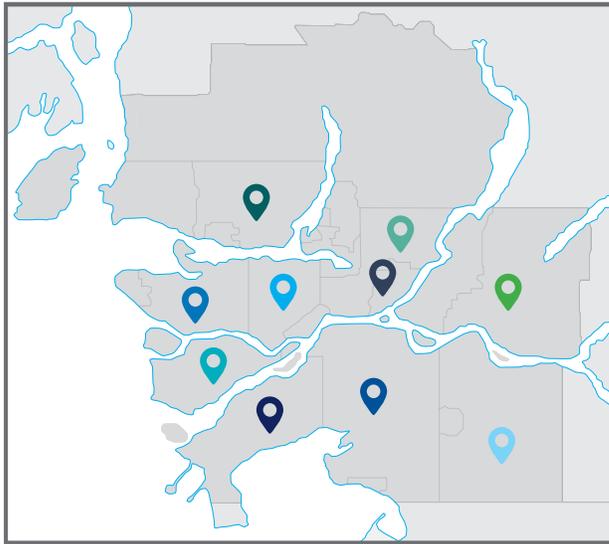
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Each direct job at a mine or smelter in BC **supports at least two jobs** in supply or services – many of these jobs are located in Metro Vancouver.

Metro Vancouver

1,265 Companies | \$941,000,000

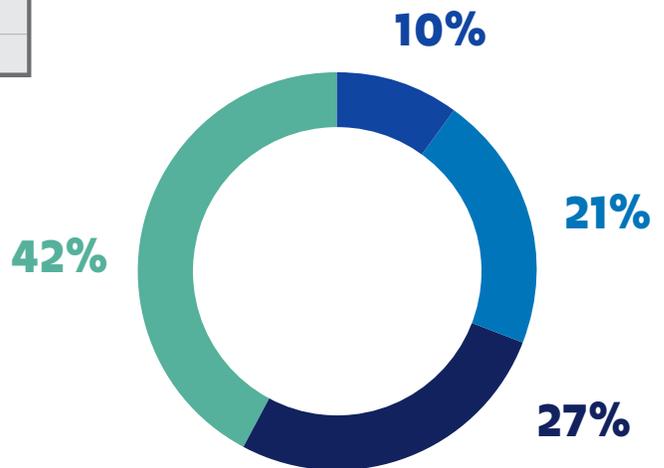
NORTH VANCOUVER 55 Companies \$156,076,000	RICHMOND 110 Companies \$20,378,000	PORT COQUITLAM 35 Companies \$17,913,000
VANCOUVER 485 Companies \$247,491,000	DELTA 100 Companies \$65,341,000	SURREY 190 Companies \$111,110,000
BURNABY 140 Companies \$202,471,000	COQUITLAM 45 Companies \$4,544,000	LANGLEY 100 Companies \$40,876,000
		MAPLE RIDGE 35 Companies \$3,053,000



Metro Vancouver's Mining Supply Chain

Beyond the mine sites and smelters, a large BC-based supply chain has emerged, involving thousands of businesses big and small, which is a significant job and wealth creator in 215 BC communities.

In Metro Vancouver, BC's mining industry is serviced by a diverse supply chain and world-class pool of talent. Mining supply companies in the region may be classified into four types:



- Engineering, Health, Safety and Environmental Services and Technical Solutions
- Accounting, IT Support Services, HR, Insurance, Legal & Real Estate, Marketing & Promotions
- Freight, Fuels, Transportation Services and Utilities
- Parts and Equipment

Helping Advance Economic Reconciliation with BC's Indigenous Communities

Mining has become a major partner to Indigenous businesses. In 2018, **120 Indigenous-affiliated suppliers** provided materials, goods or services to BC's 17 operating mines, valued at **\$265 million**.

These Indigenous businesses are associated with **25 Indigenous Nations** or Indigenous Development Corporations.

Mining is a significant employer of Indigenous people in BC. For example, at the Brucejack and Red Chris mines in Northern BC, **more than 30% of each mine's work force is Indigenous**.

Indigenous Peoples share in the benefits of mining through numerous and innovative Impact Benefit Agreements that Indigenous nations enter directly with MABC member companies. Many Indigenous nations in BC also share directly in mineral tax revenue from mines operating within their traditional territories.



Contributing to Communities

BC's mining industry invested **\$6.5 million** in more than **340 organizations** in **50 municipalities** and **Indigenous communities** in 2018.

The three areas with the greatest number of investments were: service clubs and non-profit agencies; community athletics and sports; and educational support, literacy and libraries.



Health Infrastructure, Community Wellness and Youth/Child Support Services is also an area of focus for BC's mining industry, which has raised more than **\$30 million** in support of the BC Children's Hospital Foundation through the *Mining for Miracles* fundraising campaign.



Thank You!

BC Children's Hospital Foundation

MINING FOR MIRACLES

Together we raised **two million dollars** in 2019 to support the development of the new **Gut4Health** program at BC Children's Hospital!

One Province, One Economy: Spend and Supplier Count

Metro Vancouver communities from Abbotsford to West Vancouver are home to **1,265 companies** that benefit from **\$941 million** in spending from BC's mines and smelters.

Municipality	Companies	Spend
Vancouver	485	\$247,491,000
Surrey	190	\$111,110,000
Burnaby	140	\$202,471,000
Delta	110	\$65,341,000
Langley	100	\$40,876,000
Richmond	100	\$20,378,000
North Vancouver	55	\$156,076,000
Coquitlam	45	\$4,544,000
Port Coquitlam	40	\$17,913,000
Abbotsford	40	\$2,588,000
Maple Ridge	35	\$3,053,000
Aldergrove	15	\$2,588,000
Port Moody	5	\$65,837,000
West Vancouver	5	\$1,867,000

There are **3,730 BC suppliers** providing more than **\$2.9 billion** worth of materials, goods and services to **17 of BC's mines** and **2 smelters**.

Municipality	Companies	Spend
Kamloops	410	\$342,523,000
Prince George	300	\$252,041,000
Williams Lake	270	\$39,604,000
Trail	135	\$67,853,000
Terrace	125	\$38,178,000
Campbell River	115	\$27,582,000
Kelowna	100	\$23,434,000
Smithers	95	\$35,744,000
Chetwynd	90	\$124,371,000
Kitimat	75	\$85,590,000
Quesnel	55	\$5,516,000
Cranbrook	55	\$56,622,000
Princeton	55	\$2,751,000
Victoria	45	\$36,178,000
Penticton	45	\$6,201,000
Tumbler Ridge	40	\$14,074,000
Sparwood	35	\$238,401,000
Vernon	30	\$20,806,000

METHODOLOGY

iTotem’s data set included the cumulative, self-reported procurement spend from British Columbia’s 17 mines and two smelters in the 2018 calendar year. The final data set was checked and verified by the operations. All numbers are approximate.

More information on the methodology can be found at mining.bc.ca



Participating BC Mines & Smelters:

- Brucejack
 - Centerra
 - Conuma Coal (3 operations)
 - Copper Mountain
 - Gibraltar
 - Highland Valley Copper
 - Myra Falls
 - New Afton
 - Red Chris
 - Silvertip
 - Teck Coal (5 operations)
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- Rio Tinto Alcan
 - Trail Metal Smelter Operations



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SUPPLIERS