

Y FACTS on Canada's Minerals Sector

EMPLOYMENT

In 2017, the minerals sector directly and indirectly accounted for 634,000 jobs throughout the country in urban, rural and remote regions.

208.000 426.000

direct jobs

MINERAL **PROCESSING**

MINING AND RELATED



GROSS DOMESTIC PRODUCT

sector directly and indirectly contributed \$97 billion (B) or 5% to Canada's total nominal GDP

GDP

\$25 B direct \$72 B

MINING AND RELATED SUPPORT ACTIVITIES \$34 B \$38 B MINFRAI

Source: Natural Resources Canada estimates, based on Statistics Canada data. The data source has changed and the values are not compatible with those in the previous editions of this publication. For more information: Nominal GDP in the minerals sector.

CLEAN ENERGY APPLICATIONS Minerals are enablers

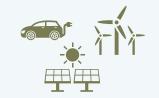
Source: Natural Resources Canada estimates, based on Statistics Canada data. The data source has changed and the values are not compatible with those in the previous editions of this publication. For more information: Employment in Canada's minerals sector.

Canada is primed to respond to growing demand for commodities required in clean energy technologies. The country is a key global producer of copper, nickel and cobalt, and hosts advanced mineral projects for rare earth elements, lithium and graphite. These commodities are crucial in the production of solar cells, high-density batteries and wind turbines.

Source: Natural Resources Canada calculations, based on Statistics Canada data For more information: Minerals sector investment.

Sources: Natural Resources Canada, Statistics Canada, U.S. Geological Survey, World Nuclear Association For more information: Canadian Mineral Production.

Sources: Statistics Canada; Natural Resources Canada, based on provincial/territorial public accounts. For more information: Enabling Clean Energy Applications.



EXPORTS

Valued at \$97 billion in 2017, mineral exports accounted for 19% of Canada's total domestic exports.

total

Main Export Destinations

United States 53% (\$52 B)

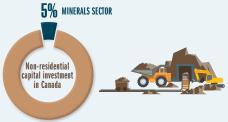
European Union **22%** (\$21 B)

5% (\$5 B)

19% CANADA'S MINERAL EXPORTS

INVESTMENT

In 2017, the minerals sector invested \$12 billion in new capital construction and in machinery and equipment, accounting for 5% of total non-residential capital investment in Canada.



\$4 B

CANADIAN MINING ASSETS

In 2016, publicly traded Canadian-based companies had total mining and exploration assets of \$254 billion. About two-thirds (\$164 billion) were located abroad.

\$164 B located in more than 100 foreign countries

Source: Natural Resources Canada estimates, based on company filings. For more information: Canadian Mining Assets.

PRODUCTION

In 2017, mineral production totalled \$44 billion, Canada produces some 60 minerals and metals at 200 active mines and 7,000 sand and gravel pits and stone quarries.

Canada's Mineral Production

\$8 B

SUPPORT ACTIVITIES

Metals \$24 B Non-metals \$14 B Coal \$6 B

Global Ranking

PLATINUM GROUP

In 2017, Canada's mineral exploration and deposit appraisal expenditures amounted to \$2.1 billion.



Canada — a leader in worldwide exploration

Canadian-headquartered companies accounted for 33% of global non-ferrous exploration budgets.

Canada was the destination for 14% of global non-ferrous exploration budgets.

Sources: Natural Resources Canada, S&P Global Market Intelligence. For more information: <u>Canadian Mineral Exploration</u>.

FINANCING

The Toronto Stock Exchange (TSX) and TSX Venture Exchange (TSXV) are the world's number one mining and exploration listing venues, where nearly one-third (\$8.5 billion) of the world's total equity capital was raised in 2017.



In 2017

accounting

globally for

50% of public mining and exploration companies 59% of mining equity financings 30% of the mining equity capital raised

INDIGENOUS PARTICIPATION

The minerals industry is an important employer of Indigenous peoples, providing jobs to over 16.500 individuals in 2017.



An estimated 455 agreements were signed between mining and exploration companies and Indigenous communities or governments.

Sources: Natural Resources Canada, Statistics Canada. For more information: Indigenous Mining Agreements.

Source: TMX Group.
For more information: Financing.