



12 KEY FACTS on the Minerals and Metals Sector

1 MINERAL PRODUCTION

\$45 B

Mineral production

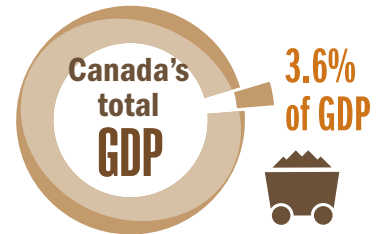


Canada produces more than 60 mineral commodities at more than 200 principal mines and 7,000 sand and gravel pits and stone quarries. Our total value of mineral production was nearly \$45 billion in 2014.

Sources: Natural Resources Canada; Statistics Canada, 2015

2 GROSS DOMESTIC PRODUCT

\$66.9 B

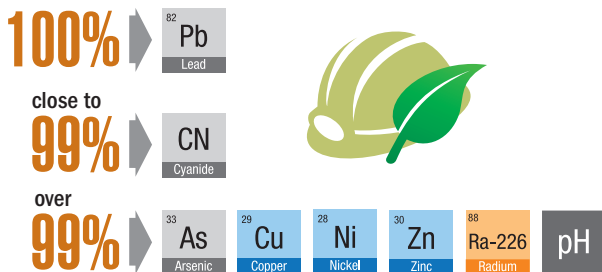


The mining, mining-related support activities, and mineral processing industries represented \$66.9 billion (3.6% of Canada's total 2014 GDP).

Sources: NRCan nominal GDP estimates based on Statistics Canada real GDP release, 2015

3 GREEN MINING

Compliance Emission Limits



The mining sector is achieving over 99% compliance with the prescribed emission limits for arsenic, copper, nickel, zinc, radium 226, and pH; close to 99% for cyanide; and 100% for lead.

Source: Environment Canada, 2012

4 EMPLOYMENT

375,000 jobs



375,000 Canadians were employed in the mining, mining-related support activities, and mineral processing industries in 2014.

Source: Statistics Canada – System of National Accounts Labour Statistics (CANSIM Table 383-0031), 2015

5 EXPORTS

\$89.5 B (18.2%)



Canada's mineral commodity exports, which include ores, concentrates, and semi- and final-fabricated mineral products, accounted for 18.2% (\$89.5 billion) of our total domestic exports.

Sources: Statistics Canada; Natural Resources Canada, 2015

6 STOCK EXCHANGES

60% (1,500 companies)



of mining and exploration companies are listed on

TSX and TSX-V



Nearly 60% of the world's publicly listed mining and exploration companies (1,500) are listed on the TSX or TSX-V.

Source: Toronto Stock Exchange, 2014

7 FINANCING

62% (\$8.9 B)



EQUITY FINANCING RAISED FOR mining and mineral exploration

In 2014, Canada was first in **equity financing** raised for **mining and mineral exploration** with over **60% (\$8.9 billion)** of the world's equity financing raised by companies listed on the TSX or TSX-V.

Source: Toronto Stock Exchange, 2014

8 INDIGENOUS REPRESENTATION

10,000 jobs



The mining and mineral processing sector employs more than **10,000 Indigenous peoples**, mostly in upstream activities such as mining and quarrying.

Source: Statistics Canada – Labour Force Survey, 2014

9 MINING ASSETS ABROAD

ALMOST \$170 B

MORE THAN 100 COUNTRIES

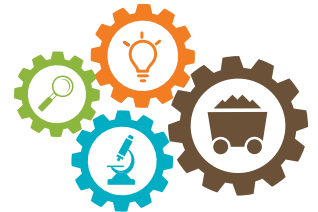


Canadian exploration and mining companies had mining assets abroad worth almost **\$170 billion** in more than **100 countries** in 2014.

Source: Natural Resources Canada, Minerals and Metals Sector, 2015

10 RESEARCH AND DEVELOPMENT

\$677 M in research and development expenditures by Canadian mining, mining-related support, and mineral processing companies in 2013.



4,560 people were engaged in mining, mining-related support activities, and mineral processing research and development in 2013.

Source: Statistics Canada – Business Enterprise Research and Development (BERD) Characteristics in Canada (CANSIM Table 358-0024), 2015

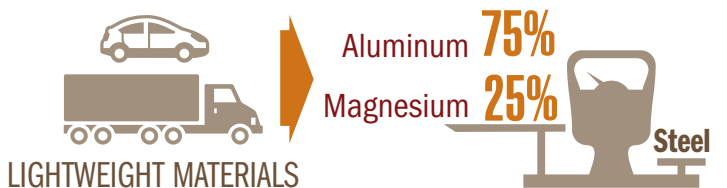
11 CORPORATE SOCIAL RESPONSIBILITY

The Government of Canada expects Canadian mining companies working abroad to operate in an economically, socially, and environmentally sustainable manner. The Canadian government promotes corporate social responsibility (CSR) for mining companies working abroad through its enhanced CSR strategy *Doing Business the Canadian Way: A Strategy to Advance Corporate Social Responsibility in Canada's Extractive Sector Abroad*.



Source: CSR: Canada's Enhanced Corporate Social Responsibility Strategy to Strengthen Canada's Extractive Sector Abroad, 2015

12 MATERIALS AND MANUFACTURING



10% Weight reduction = 6 to 8% Fuel economy

New lightweight materials using **aluminum and magnesium** are **75% and 25%** lighter than steel. **Reducing the weight of a vehicle by 10%**, through such means as the use of these lightweight materials, can improve fuel economy by **6% to 8%**.

Source: U.S. Department of Energy (2011), *Quadrennial Technology Review*, p. 39

For more information, click on the images above.