

Mining industry, 2019

An exploration of finances, sales, production and employment



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CD: Structural Industry Statistics
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Photo: pixabay.com

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MINING INDUSTRY, 2019

What is this census about?



Who was included?

Mineral rights-registered mines that are mainly engaged in the mining industry in the following activities:

- Mining of metal ores and precious stones
- Stone quarrying
- Chemical and fertiliser minerals
- Extraction and evaporation of salt

Excluded:

- Extraction of crude petroleum and natural gas

When was it conducted?

- Questionnaires were completed for the financial year ended on any date between 1 July 2018 and 30 June 2019
- Employment figures are for end of June 2019
- The census was also conducted in 2009, 2012 and 2015

What did it measure?

- Income
- Expenditure
- Employment
- Exports and imports
- Production
- Provincial estimates

1. Income by type of mining

2. Production by commodity

3. Sales by commodity

4. Employment

Exploring the industry

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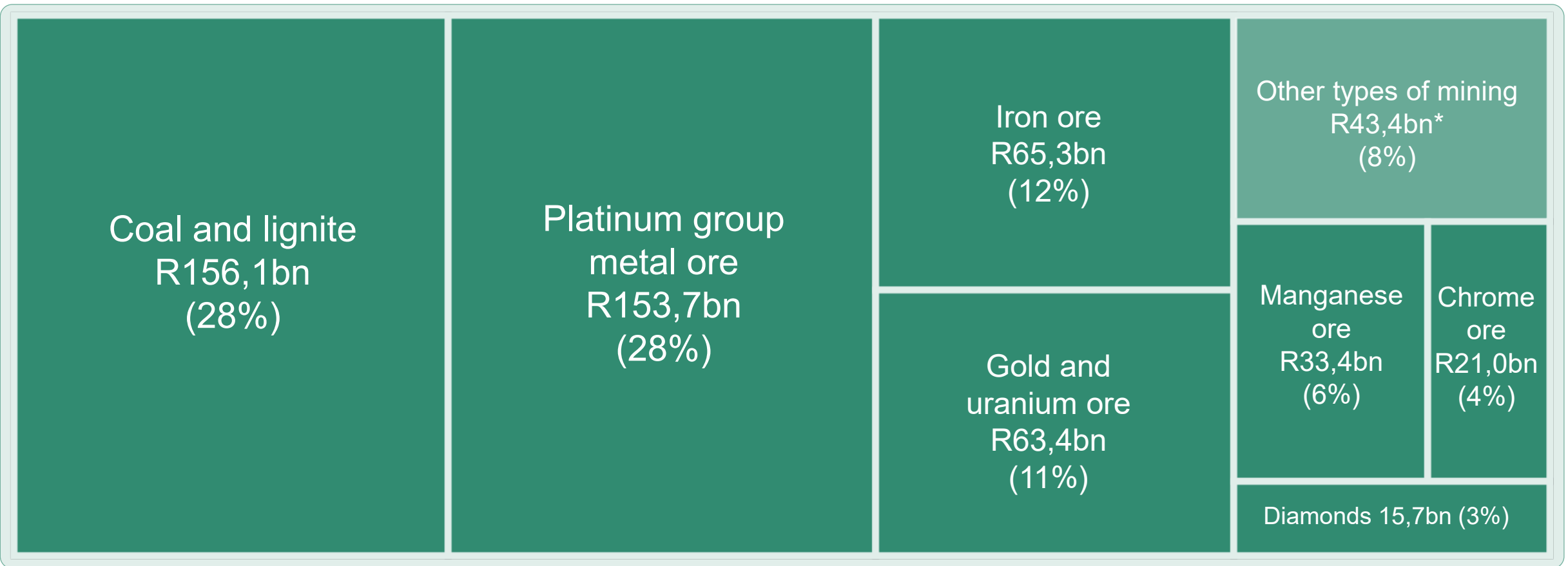
**Income by type
of mining**



1. Income by type of mining

Mining of coal, platinum group metal ore, iron ore and gold & uranium generated almost 80% of total income in the mining industry

Income in the mining industry by type of mining, 2019 (Total: R552,1 billion)

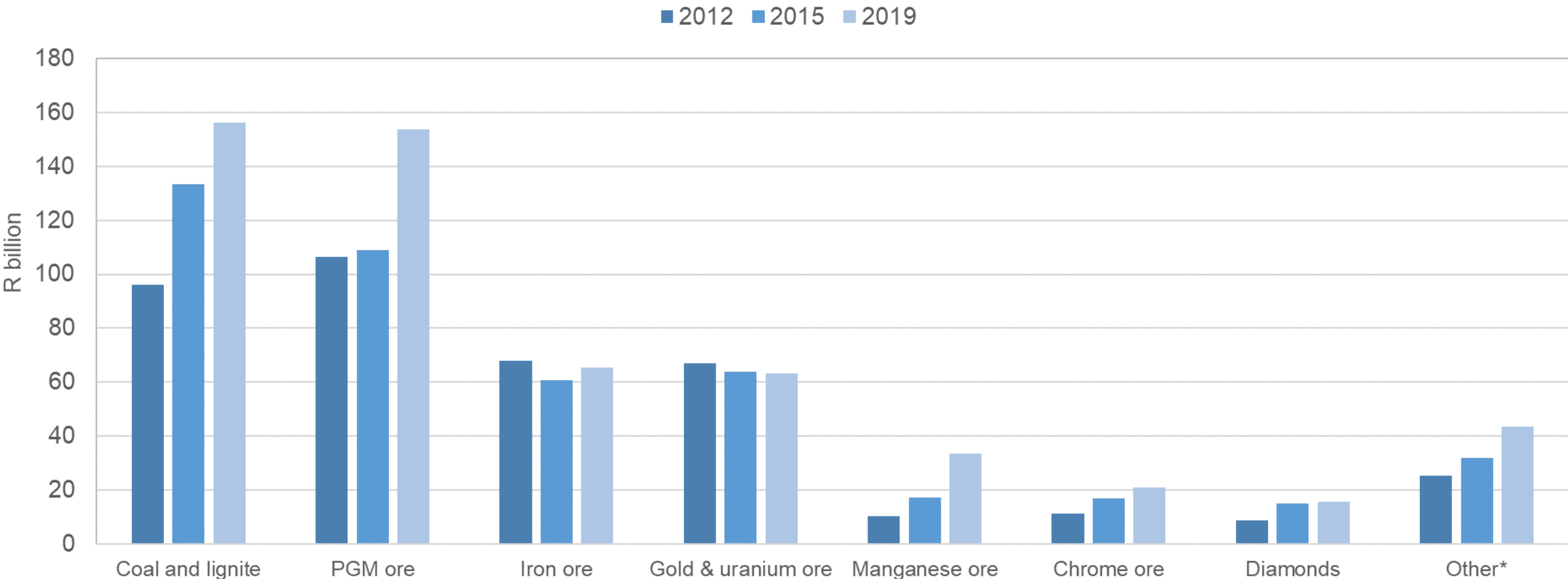


*Includes stone quarrying, other minerals, the extraction & evaporation of salt, chemical & fertiliser minerals, and other mining activities & service activities incidental to mining Source: Mining industry, Report No. 20-01-02 (2019). Table A

1. Income by type of mining

Income from the mining of coal, platinum group metal ore and manganese ore has increased since 2012

Income from the mining of gold & uranium ore has decreased. Income in the mining industry by type of mining



Platinum group metals include ruthenium, rhodium, palladium, osmium, iridium and platinum

*Includes stone quarrying, other minerals, the extraction & evaporation of salt, chemical & fertiliser minerals, and other mining activities & service activities incidental to mining Source: Mining industry, Report No. 20-01-02 (2019). Table A

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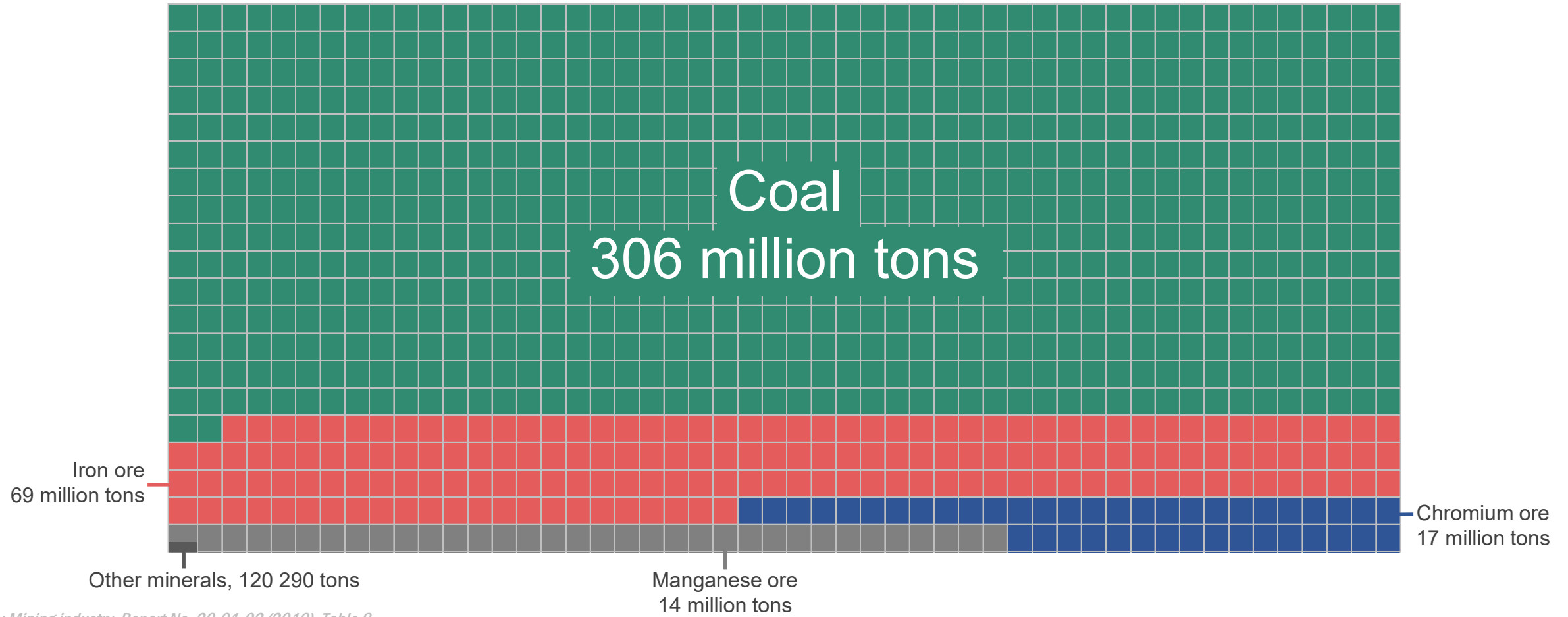
Production by commodity



2. Production by commodity

Coal accounted for 75% of the total mass of all commodities produced in 2019

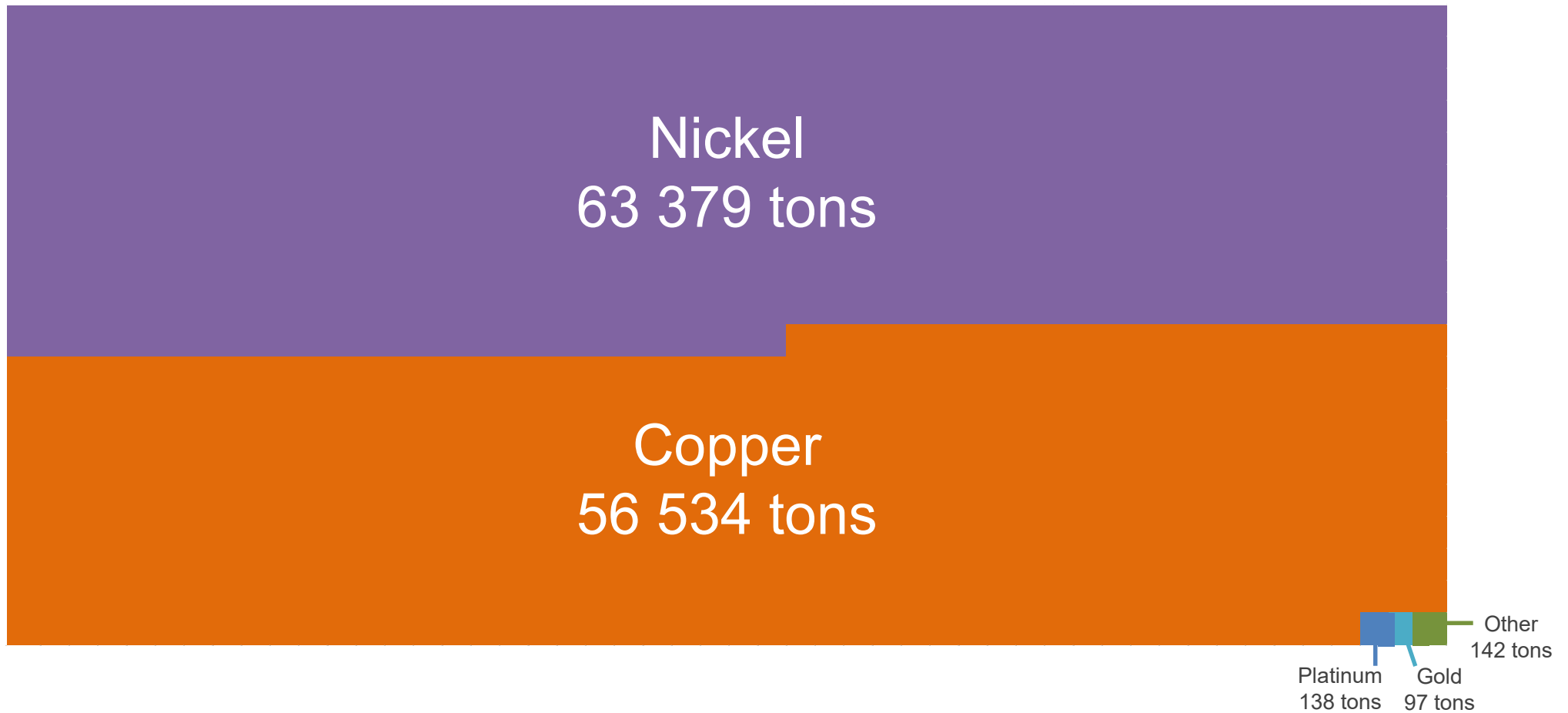
1 block = 406 998 tons



Source: Mining industry, Report No. 20-01-02 (2019). Table 8

2. Production by commodity

Zooming in: Other minerals, 120 290 tons

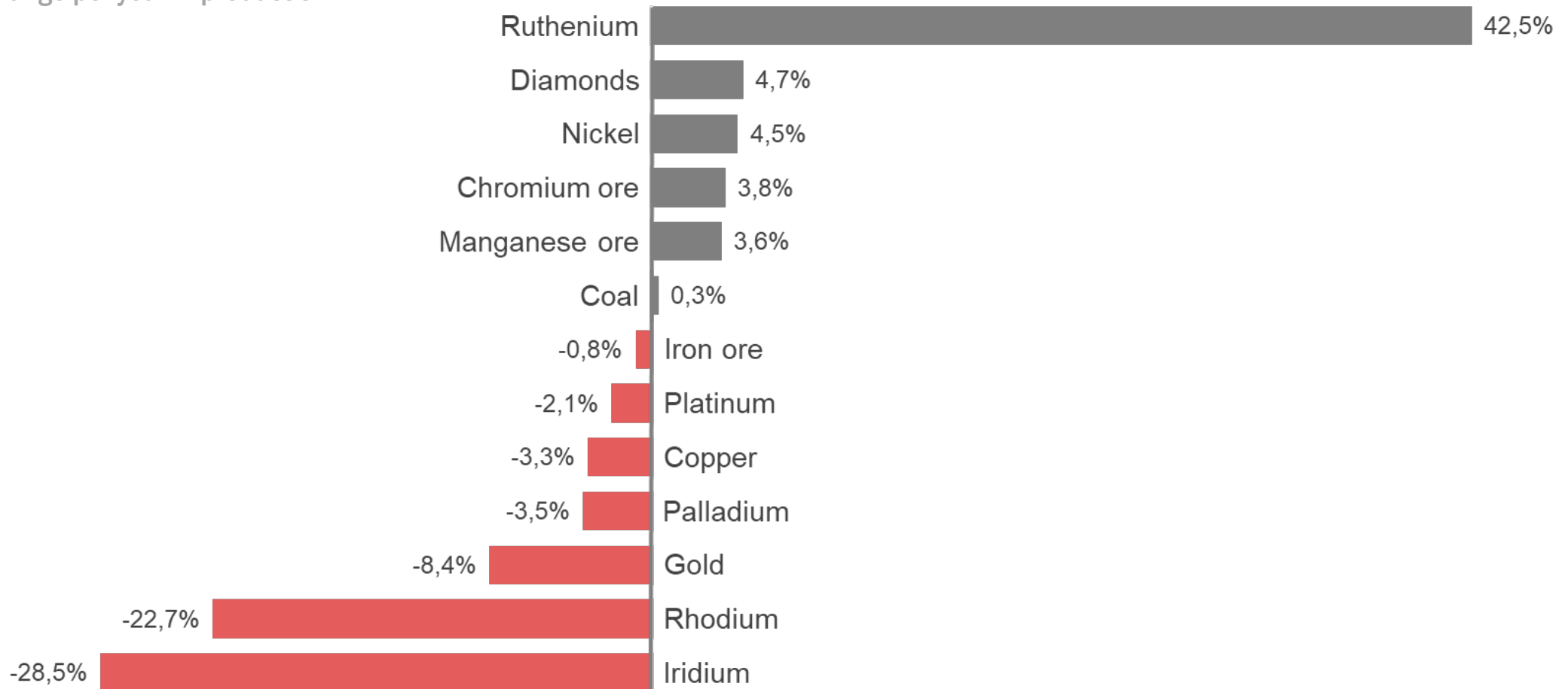


Source: Mining industry, Report No. 20-01-02 (2019), Table 8

2. Production by commodity

In terms of mass, South Africa produced less palladium and rhodium in 2019 compared with 2015

Percentage change per year in production



Source: Mining industry, Report No. 20-01-02 (2019). Table 8

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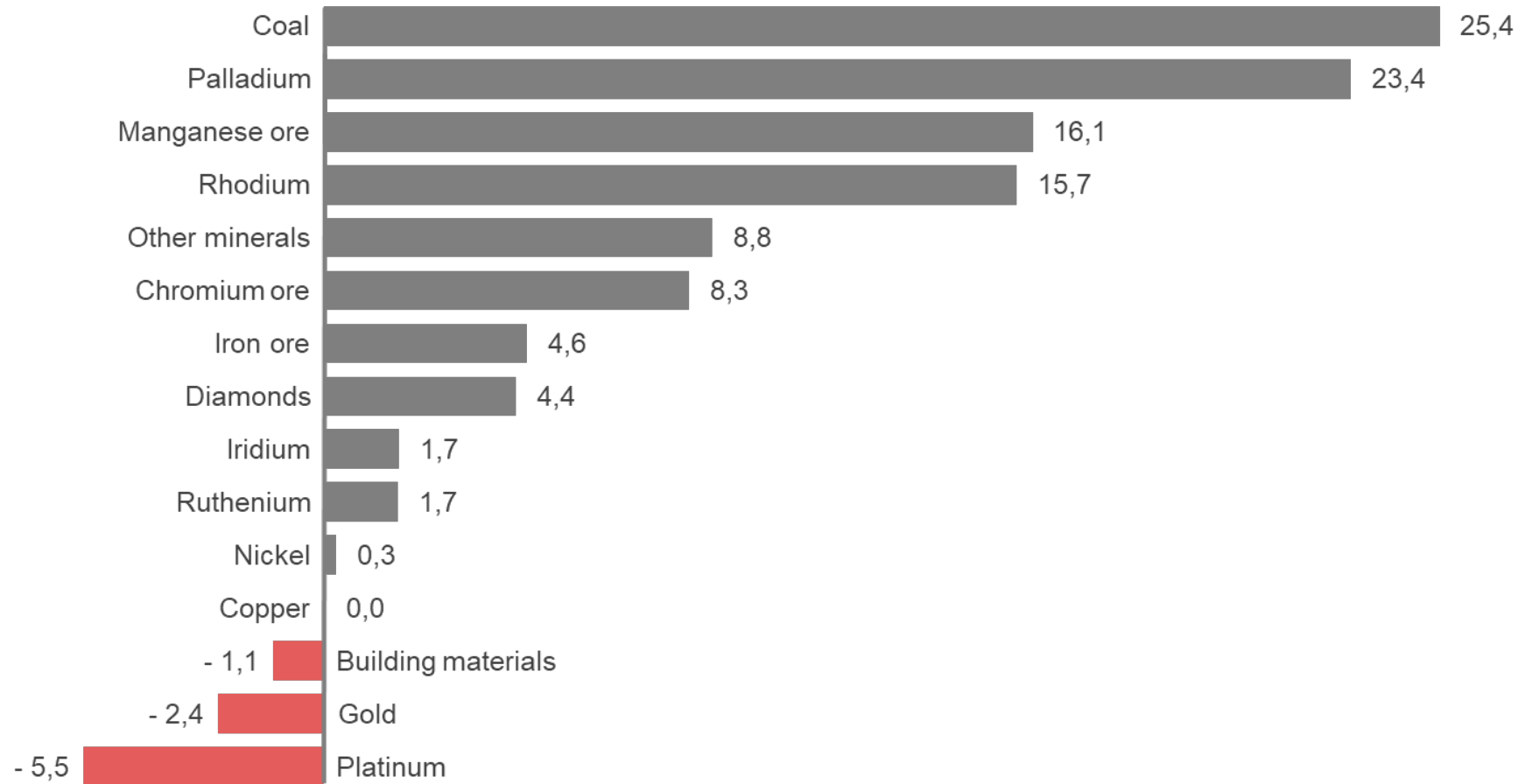
**Sales by
commodity**



3. Sales by commodity

Despite the decrease in the production of palladium and rhodium, sales surged in the 2015–2019 period

Change in the value of mining sales (R billion). Net change for the entire industry: R101,3 billion

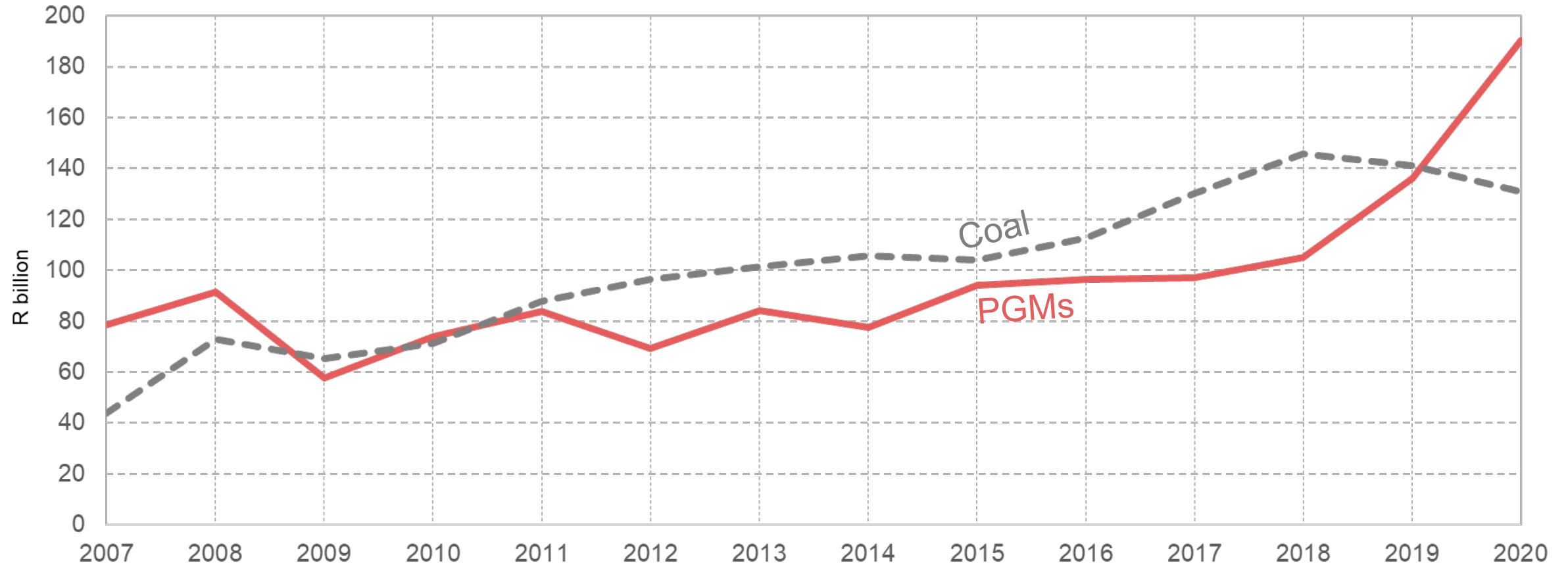


Source: Mining industry, Report No. 20-01-02 (2019). Table 8

3. Sales by commodity

In 2020, platinum group metal sales outperformed coal sales for the first time since 2010

Value of South African mining sales for coal and platinum group metals. From Stats SA's monthly *Mining: Production and sales* release



Source: *Mining: Production and sales*

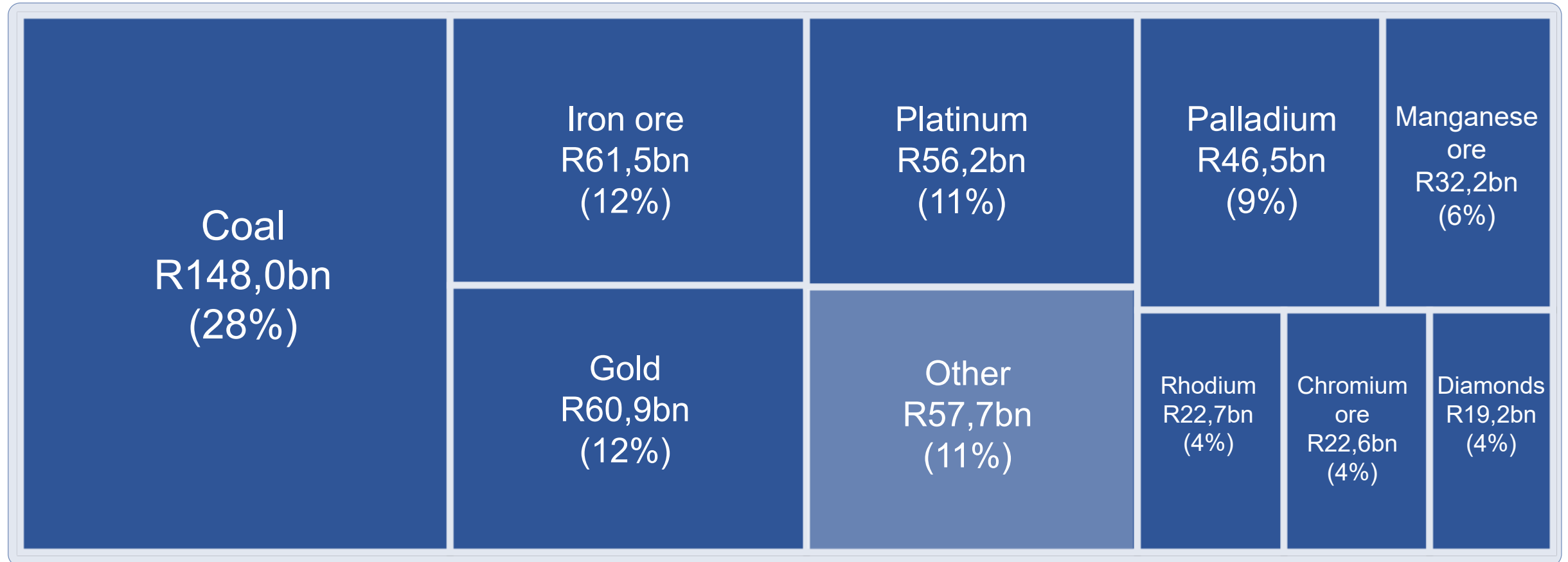
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3. Sales by commodity

Coal, iron ore, gold and platinum remain the most significant contributors to total mining sales

Sales in the mining industry by commodity (Total: R527,5 billion)

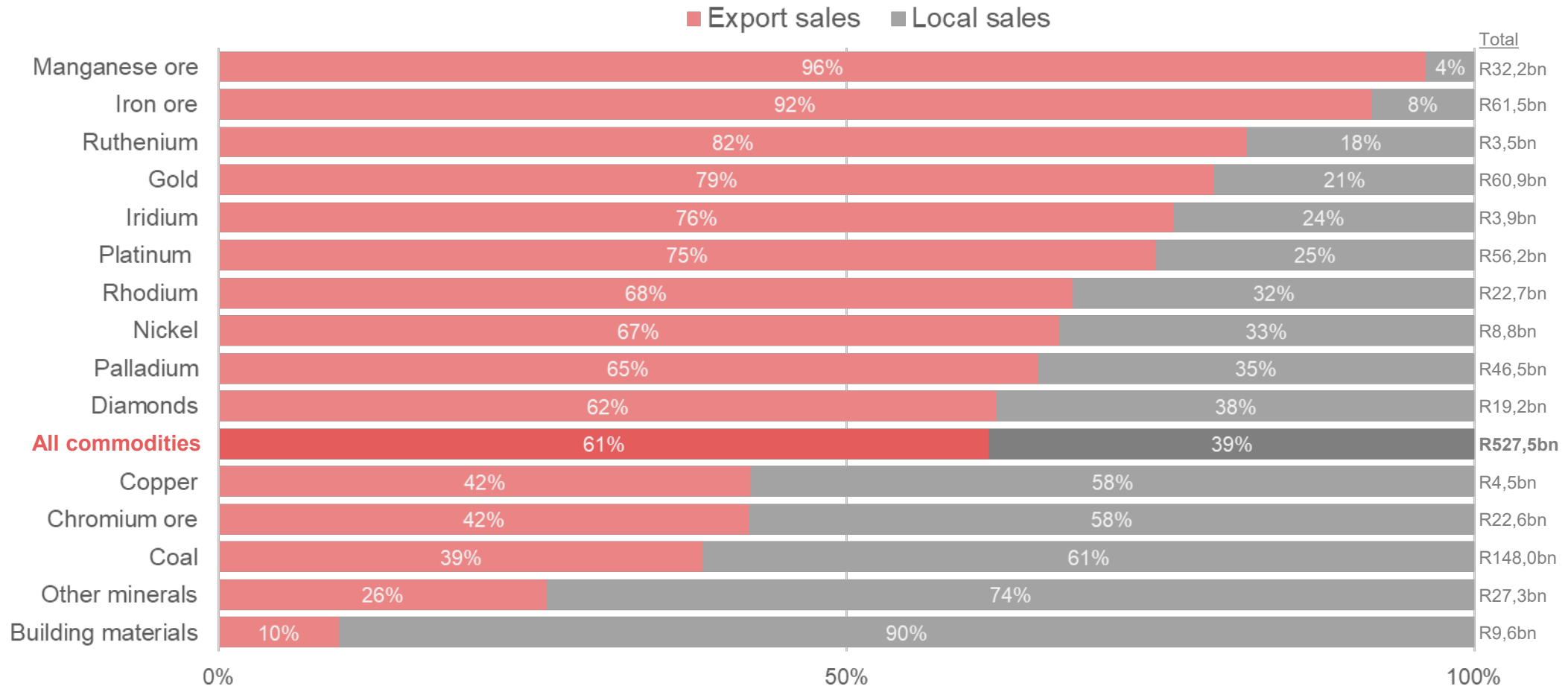


Source: Mining industry, Report No. 20-01-02 (2019). Table 8

3. Sales by commodity

In 2019, export earnings contributed 61% of total mining sales

Breakdown of total sales: export and local sales



Source: Mining industry, Report No. 20-01-02 (2019). Table 8

3. Sales by commodity

Coal, iron ore, gold and platinum were South Africa's biggest commodity exports in 2019

Breakdown of total export sales by type of commodity (Total: R323,8 billion)

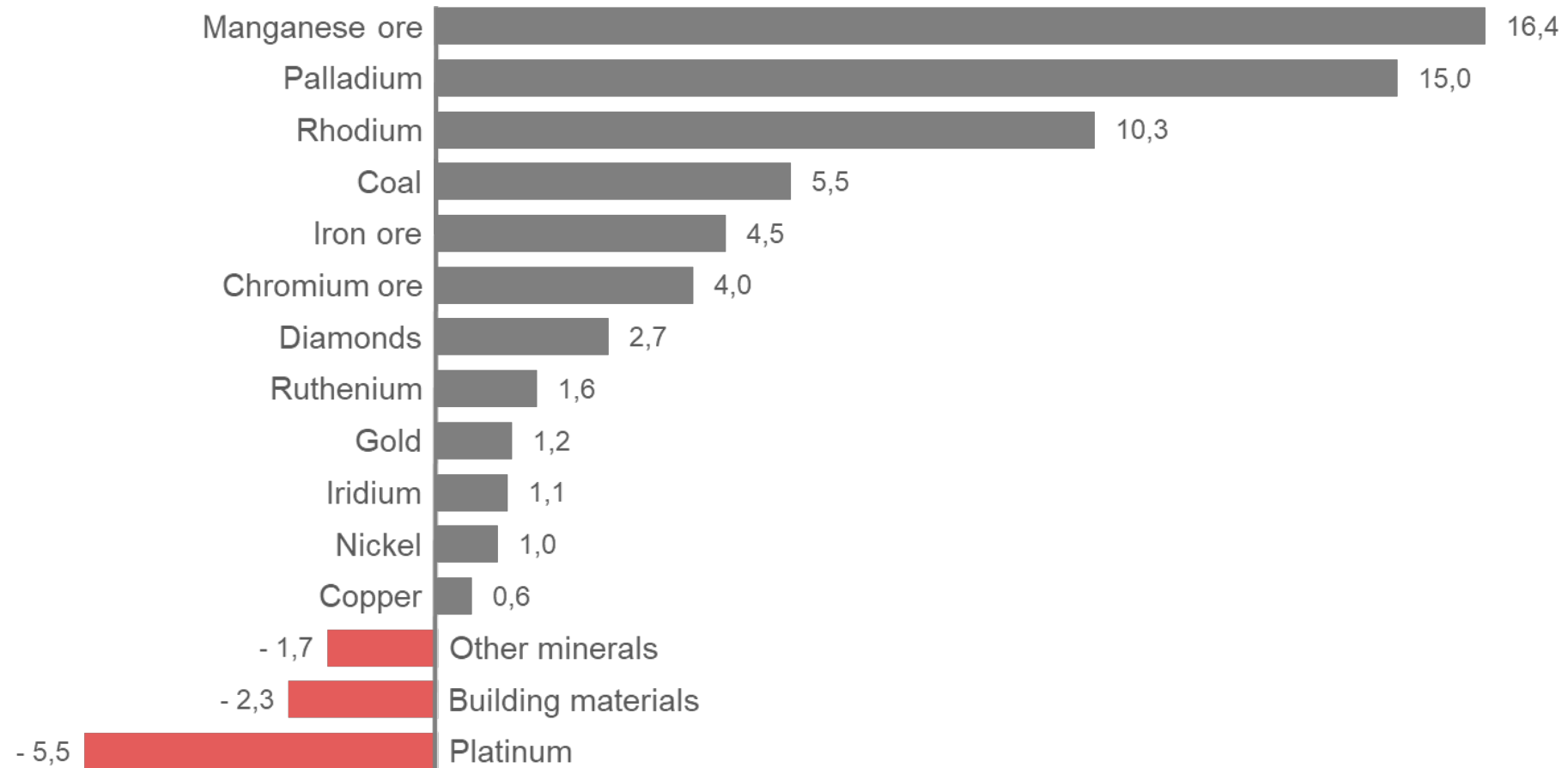


Source: Mining industry, Report No. 20-01-02 (2019). Table 8

3. Sales by commodity

Export sales increased by R54,4 billion in 2019 compared with 2015

Manganese ore was the most significant contributor to this increase, followed by palladium (R billion)



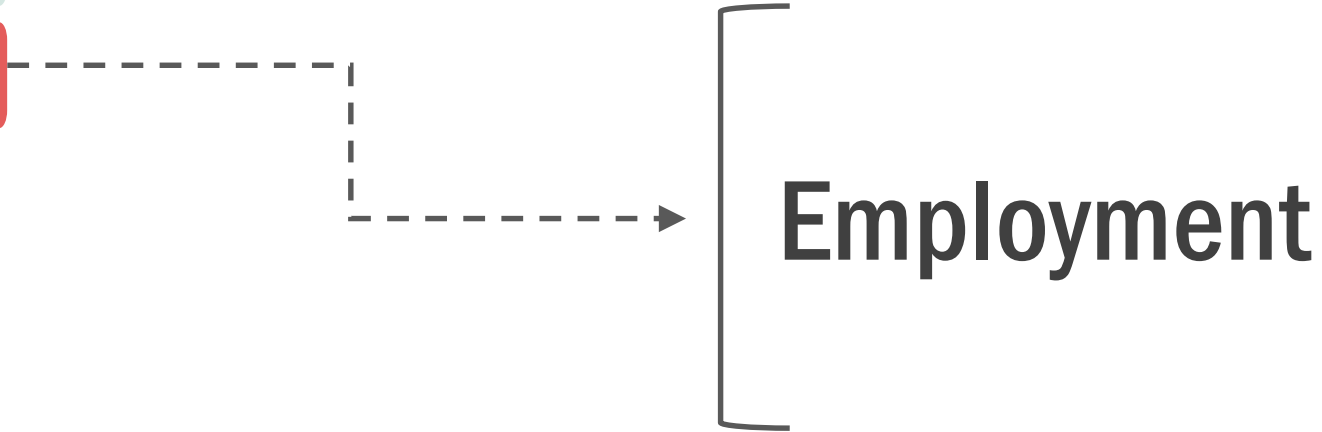
Source: Mining industry, Report No. 20-01-02 (2019). Table 8

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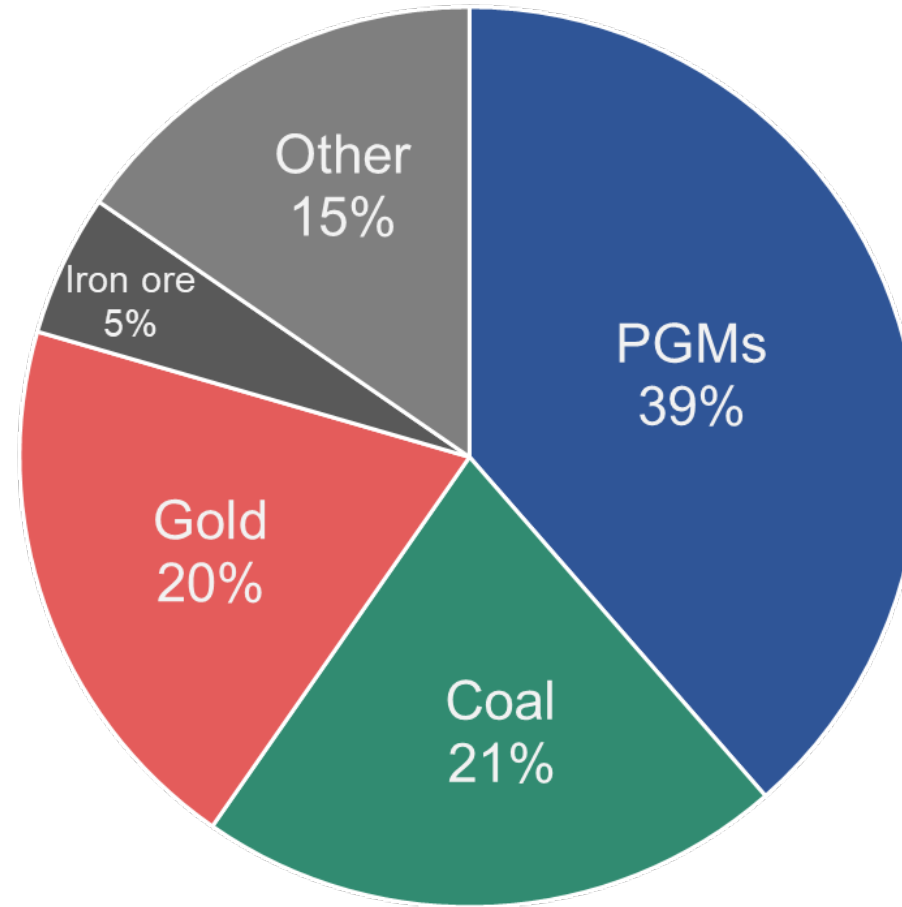
Employment



4. Employment

The platinum group metal sector is the largest employer in the mining industry

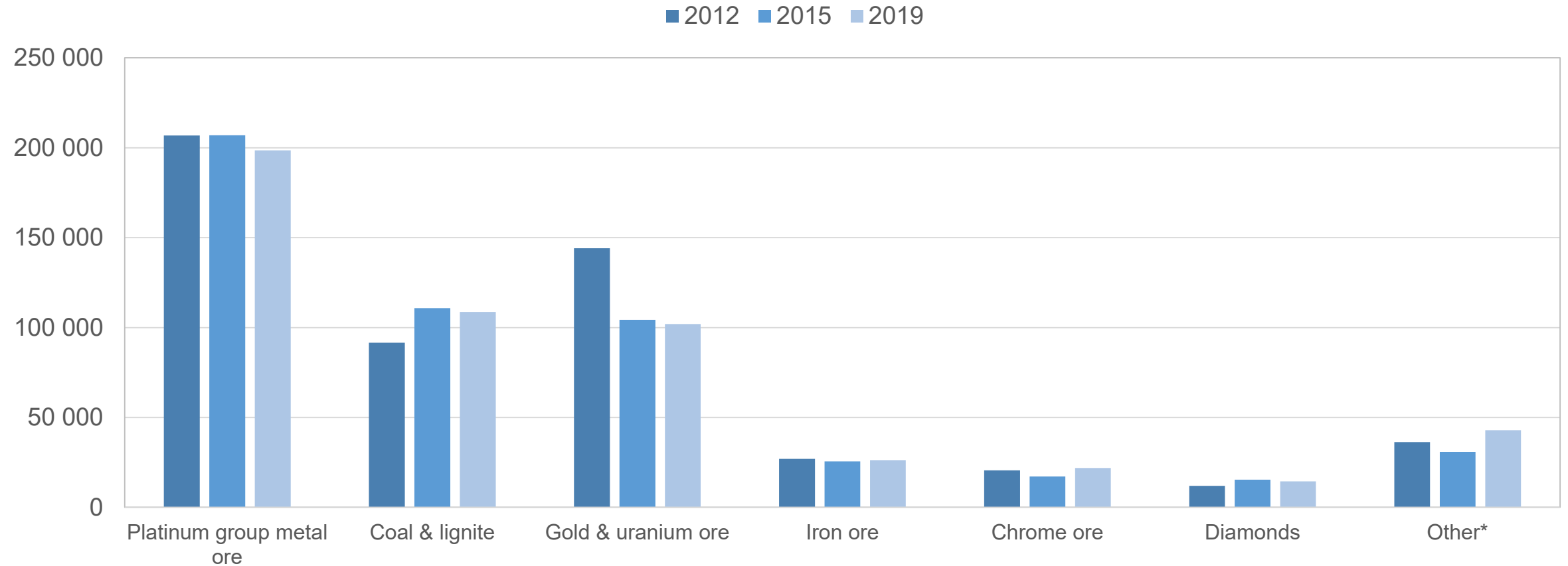
Percentage breakdown of the mining workforce by type of mining in 2019 (Total: 514 859 employees)



Source: Mining industry, Report No. 20-01-02 (2019). Table C

4. Employment

Since 2012, employment numbers have declined in the platinum group metal and gold & uranium sectors



*Includes stone quarrying, other minerals, the extraction & evaporation of salt, chemical & fertiliser minerals, and other mining activities & service activities incidental to mining Source: Mining industry, Report No. 20-01-02 (2019). Table 4

4. Employment

The number of mine employees has decreased, while other employee types have increased

Breakdown of the mining workforce by type of employee, 2015 and 2019. There was a net gain of 3 737 jobs across the entire workforce

2015 511 122 employees



2019 514 859 employees

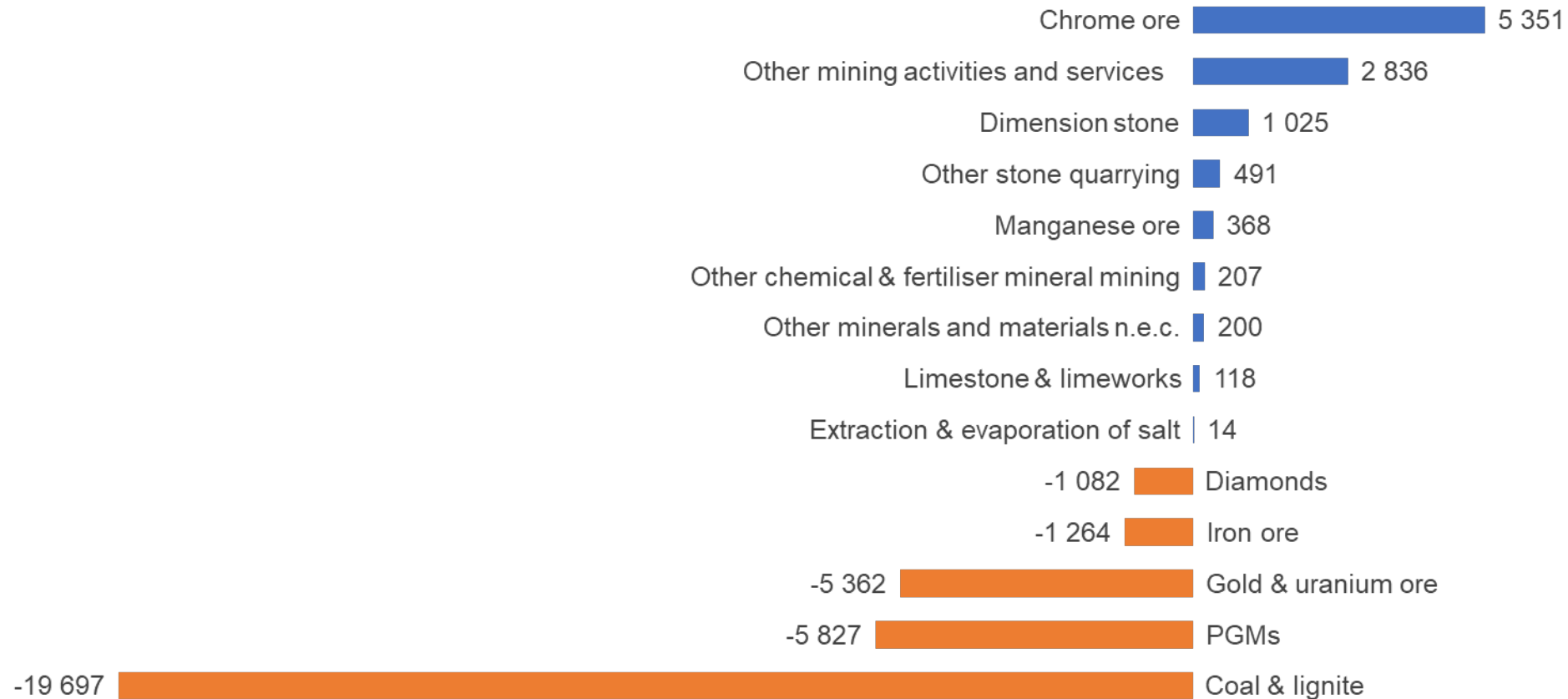


Source: Mining industry, Report No. 20-01-02 (2019). Table 4

4. Employment

There was a notable decline in the number of mine employees in the coal and lignite

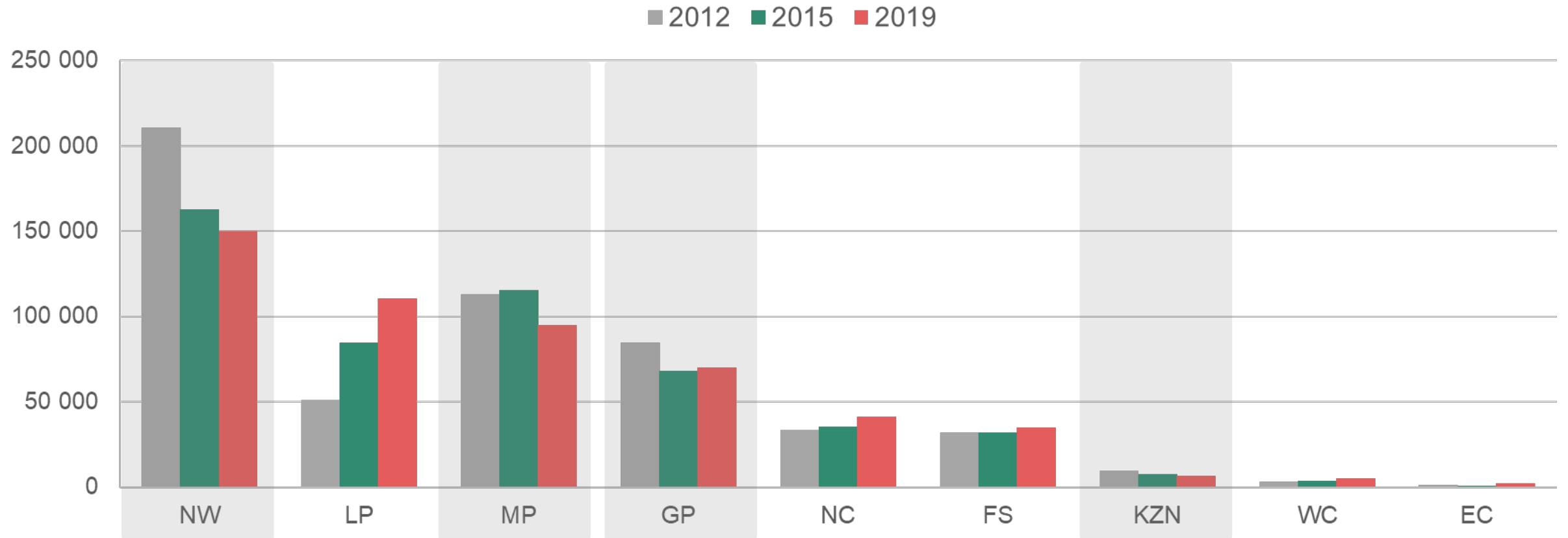
Change in the number of mine employees by type of mining, 2019 compared with 2015. There was a net loss of 22 622 jobs across all mining types



Source: Mining industry, Report No. 20-01-02 (2019). Table 4

4. Employment

From 2012 to 2019, the number of employees decreased in North West, Mpumalanga, Gauteng and KwaZulu-Natal
Number of employees in the mining industry by province

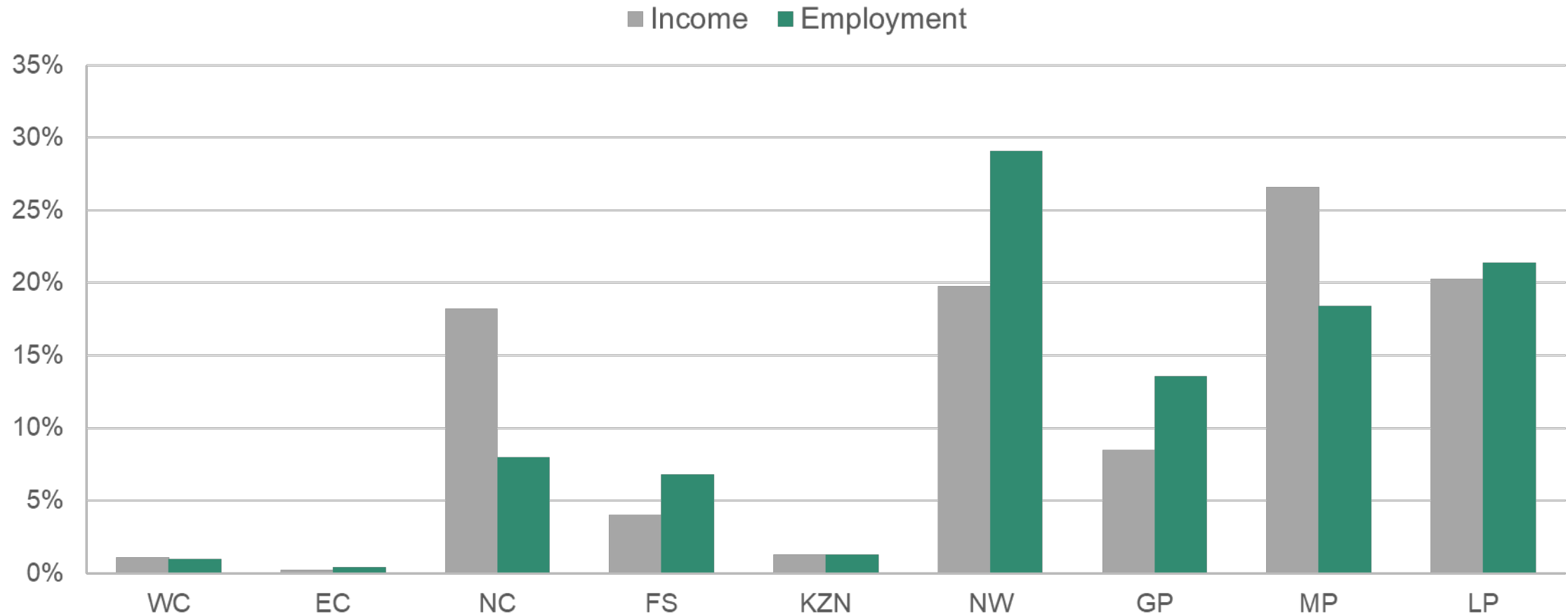


Source: Mining industry, Report No. 20-01-02 (2019). Table E

4. Employment

Income and employment by province in the mining industry, 2019

Percentage of the national total



Source: Mining industry, Report No. 20-01-02 (2019). Table 14

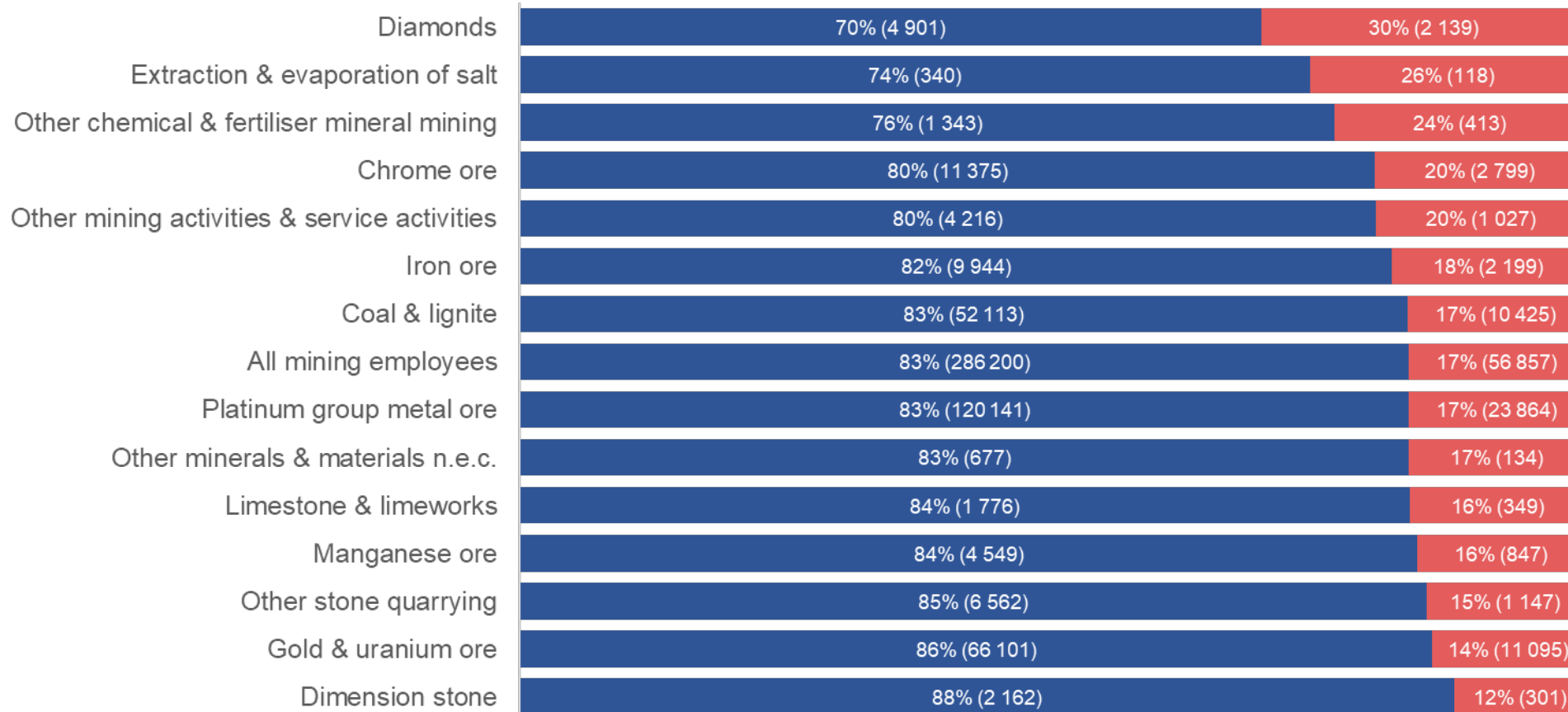
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4. Employment

Males dominate the mining industry

Workers employed directly by mines. Percentage breakdown of employees by male and female, 2019



Source: Mining industry, Report No. 20-01-02 (2019). Table 5

Overview



Overview

- 2015–2019
 - There was an increase in income from platinum group metal ore, manganese ore and coal
 - Despite producing less palladium and rhodium, sales for these two metals have increased notably
 - There were notable increases in the value of export sales for manganese ore, palladium and rhodium
 - The platinum group metal sector is the biggest mining employee. However, it shed jobs in the 2015–2019 period
 - There was an increase in jobs across the mining industry, but these increases were recorded by subcontractors, employees from labour brokers and capital employees. The number of mine employees decreased over the same period
- 2012–2019
 - The number of employees decreased in North West, Mpumalanga, Gauteng and KwaZulu-Natal

Mining industry
2019

Thank you!

Report

Mining industry, Report No. 20-01-02 (2019)

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