



stats sa

Department:  
Statistics South Africa  
REPUBLIC OF SOUTH AFRICA



# The manufacturing industry

A detailed exploration of production,  
employment and finances (2021)

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DDG: Economic Statistics

Embargo: 24 July 2023, 10h00



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What is this  
survey about?



## When was it conducted?

- Questionnaires were completed for the financial year ended on any date between 1 July 2020 and 30 June 2021
- Employment figures are for 30 June 2021
- The survey was also conducted in 2005, 2008, 2011, 2014 and 2017

## What did it measure?

- Activity in the industry, in terms of
- Manufactured products
  - Finances
  - Employment
  - ICT usage
  - Provincial and district level information

## Why was it conducted?

- **General objective:** To collect financial and quantitative information that is essential for planning and policy formulation
- **For external users of Stats SA data:** To generate information on the size, structure and nature of the industry
- **For internal use:** Mainly used for benchmarking the gross domestic product (GDP) and its components. Also used in the compilation of the Producer Price Index (PPI)

## Factors and limitations to keep in mind

- Some enterprises were affected by the COVID-19 lockdown
- The survey does not include enterprises engaged in manufacturing as a secondary activity

## Who was included?

The survey was a large sample survey. It covered about 11 400 enterprises that were registered for value-added tax (VAT), engaged in the manufacturing of:

- Food products and beverages
- Textiles, clothing, leather and footwear
- Wood and wood products, paper, publishing and printing
- Coke, petroleum, chemical products, rubber and plastic
- Glass and other non-metallic mineral products
- Basic metals, metal products, machinery and equipment
- Electrical machinery and equipment
- Telecommunication and professional equipment
- Transport equipment
- Furniture and other manufacturing (including tobacco and recycling)

Activities of South African-based companies in other countries were excluded

Economic importance

Income

Employment

Products

Additional insight

4  
key areas

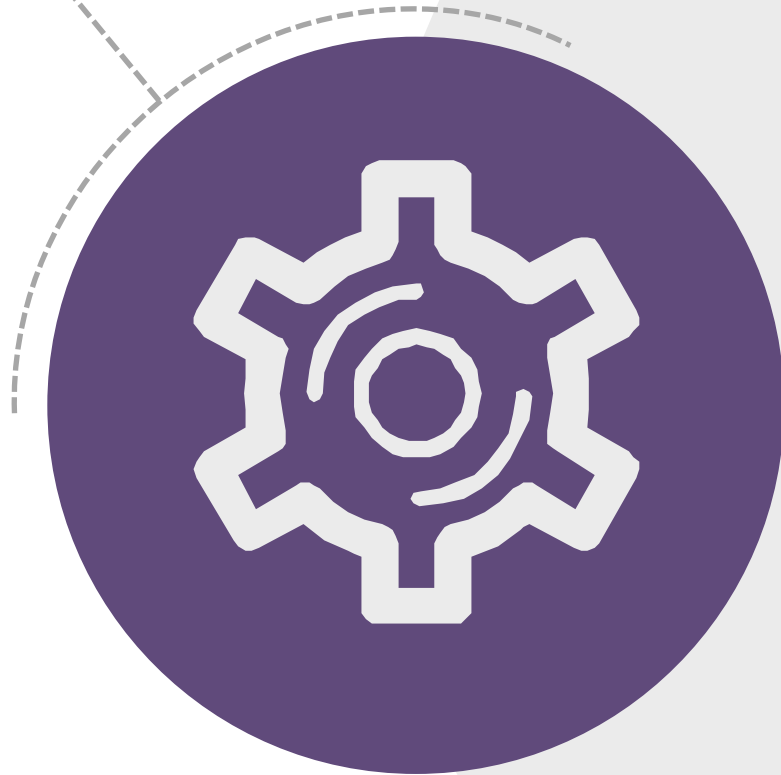
# Economic importance

Income

Employment

Products

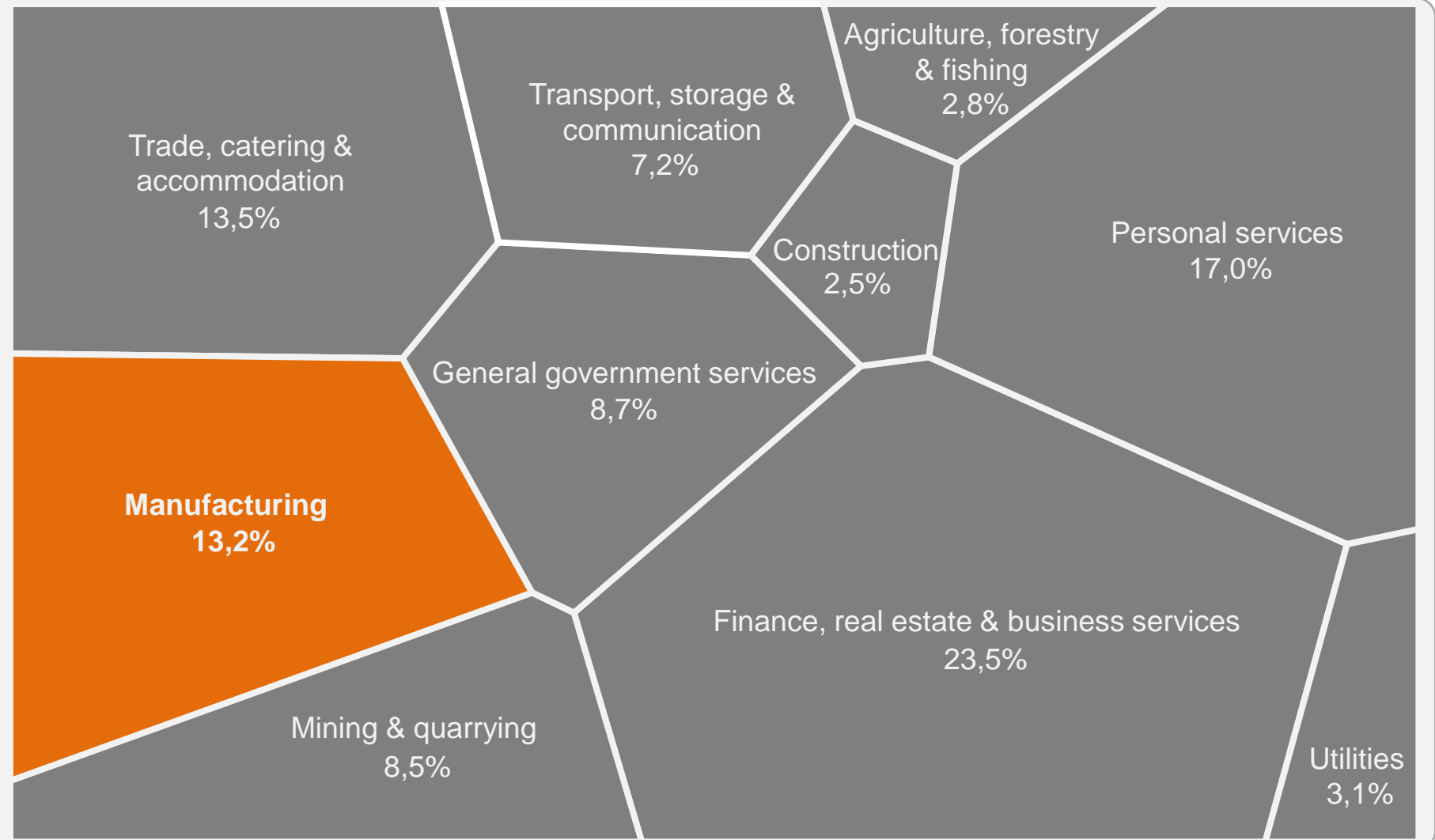
Additional insight



# The manufacturing industry accounted for **13,2%** of economic activity in 2021

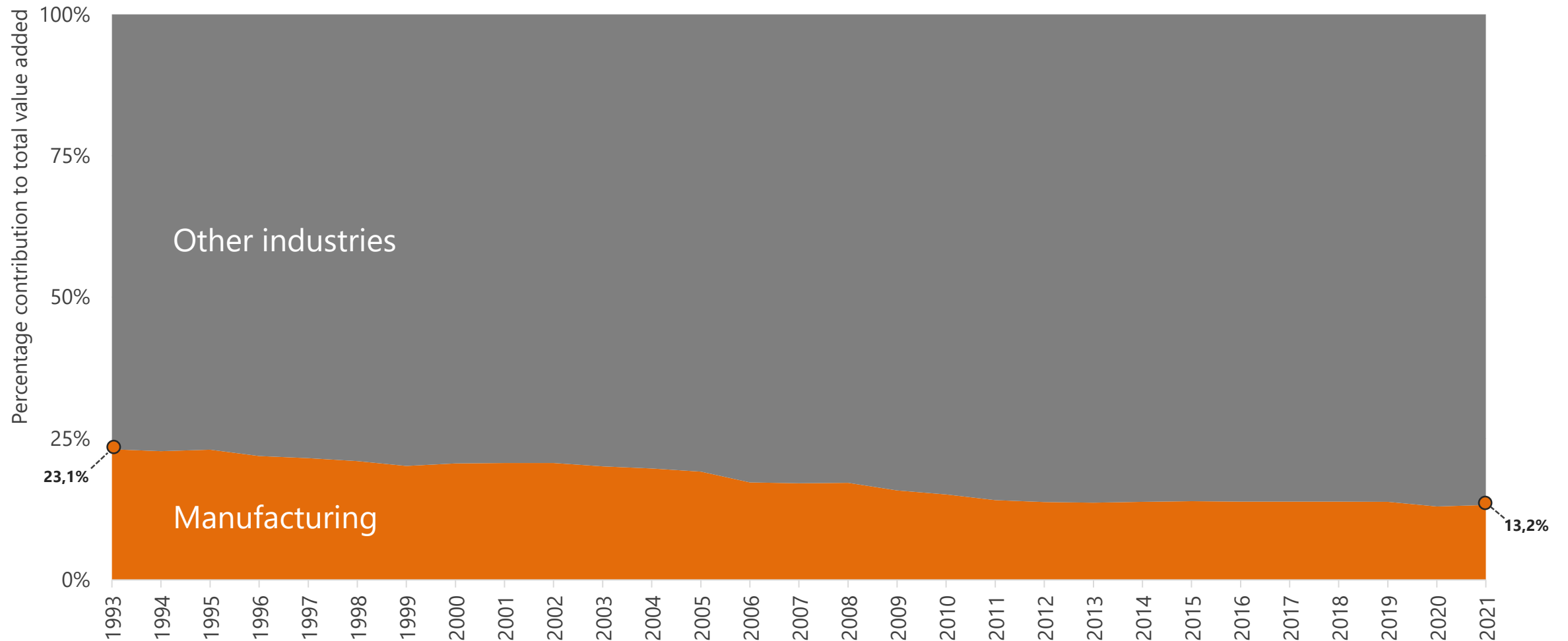
## Percentage contribution to total value added in 2021 (current prices)

Source: *Gross Domestic Product (GDP)*  
Percentages have been rounded and may not sum to 100%





# Manufacturing's contribution to economic activity has declined over the years



In current prices Source: Gross Domestic Product (GDP)

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MANUFACTURING, 2021

Economic importance

Income

Employment

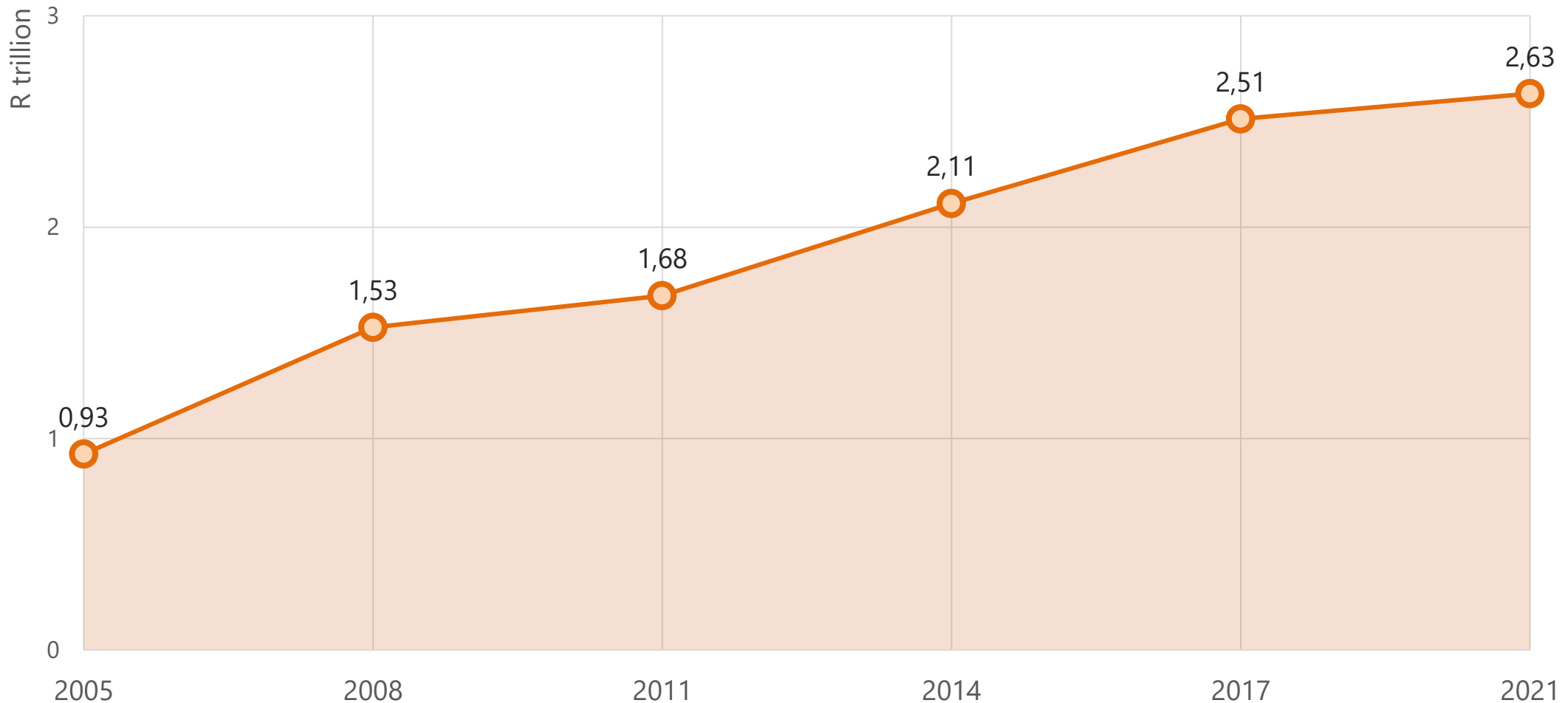
Products

Additional insight



# Total income generated by the industry has grown over time (R trillion)

Recording an annualised increase of **6,7%** between 2005 and 2021



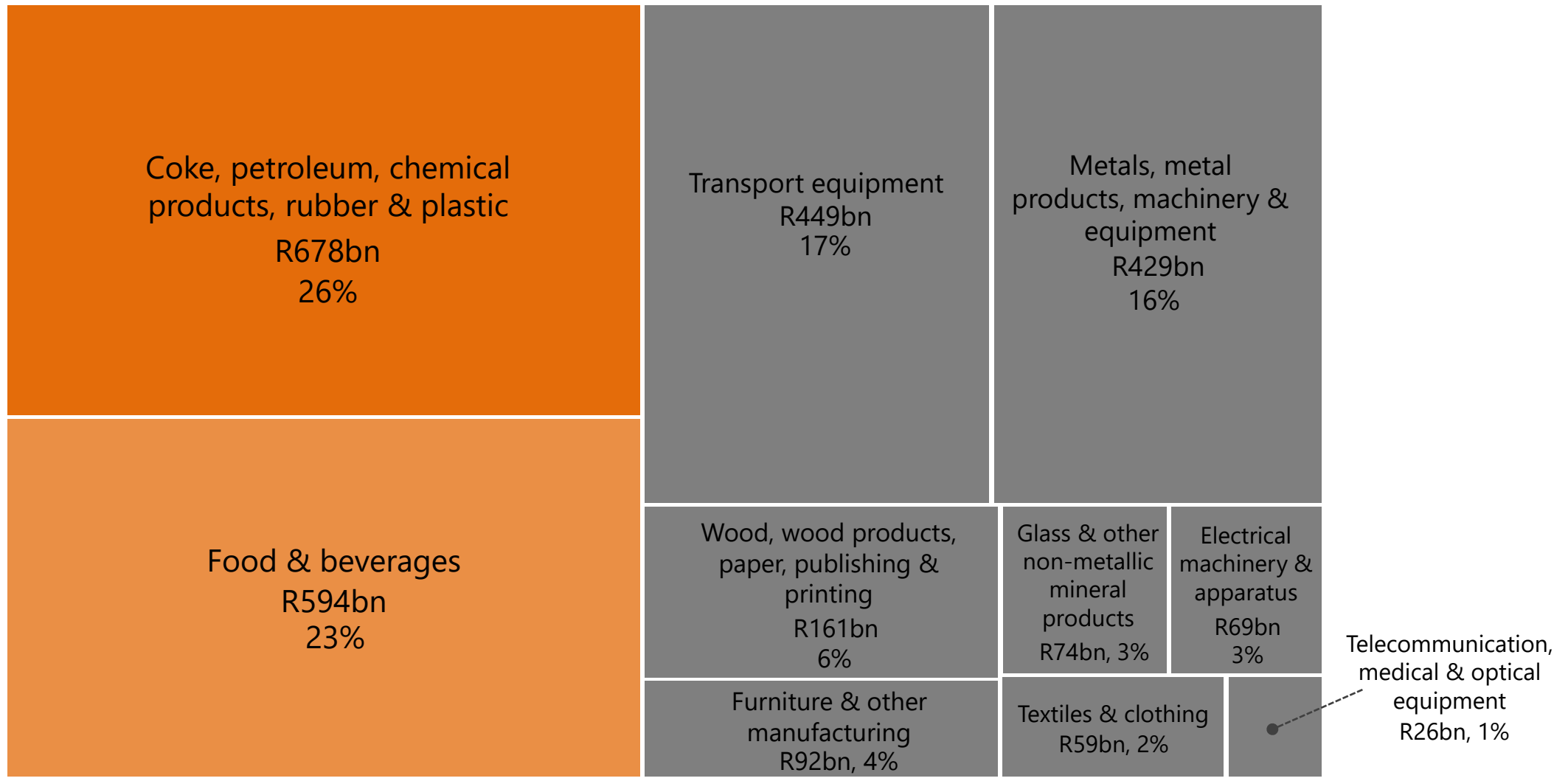
Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table A*

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MANUFACTURING, 2021

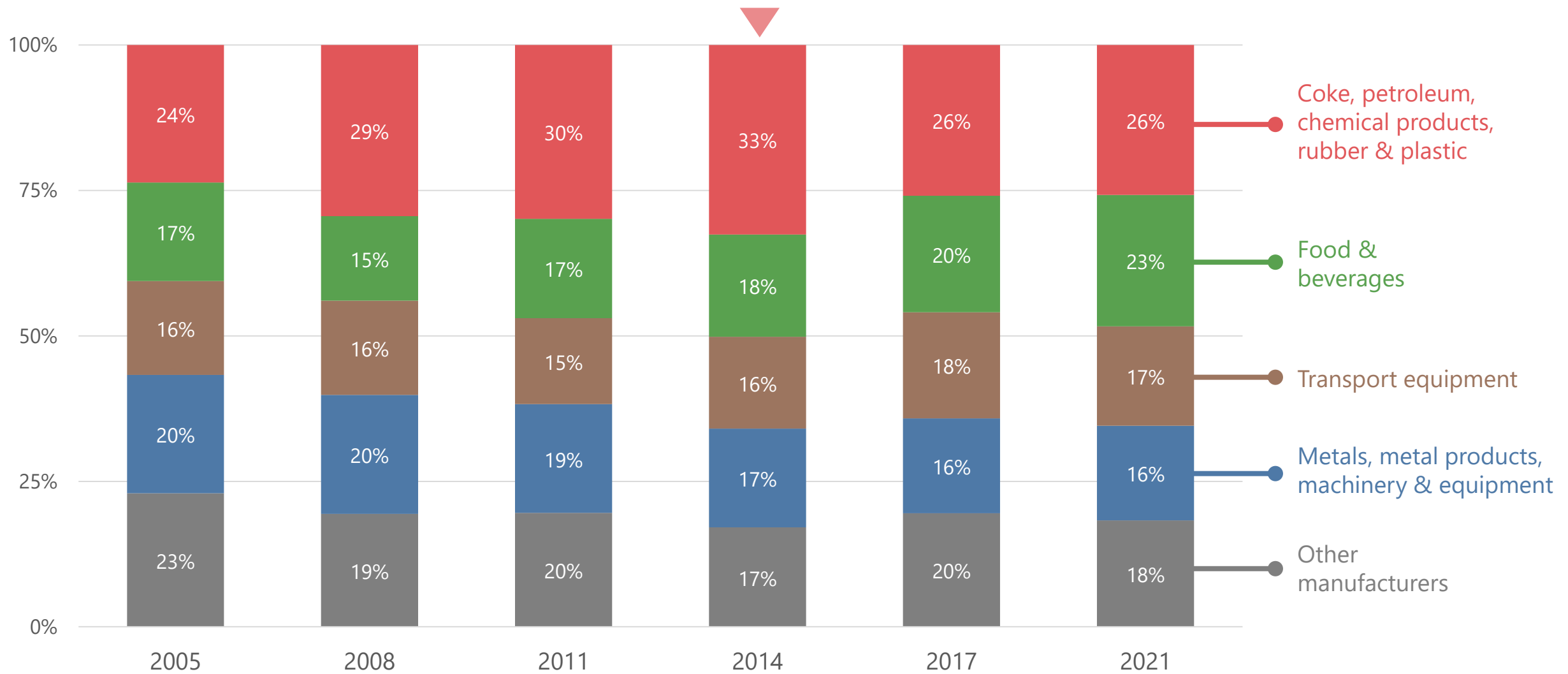
# 'Petroleum & chemicals' and 'food & beverages' generated almost half of total income in 2021

Total income  
R2,63 trillion



Source: Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table A

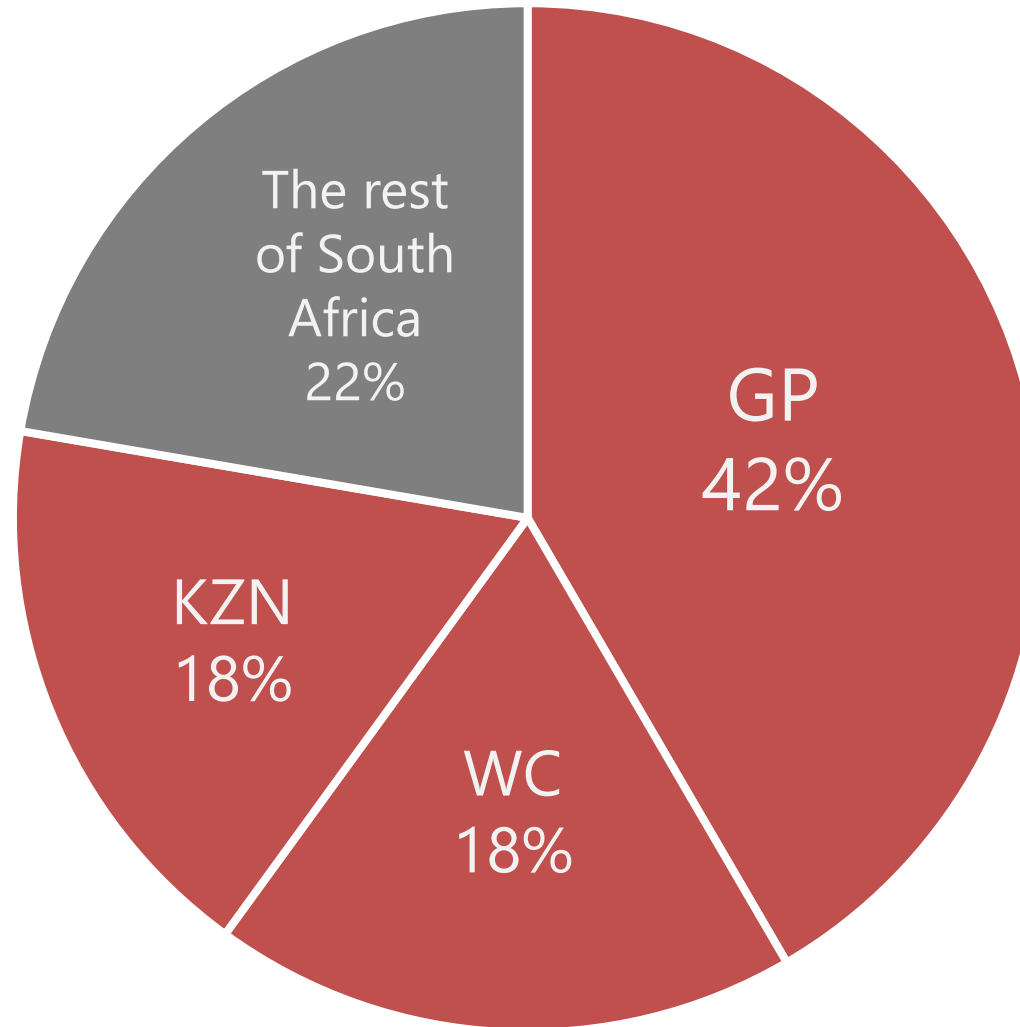
# Petroleum & chemicals dominated in 2014, accounting for a third of total income



Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table A* Percentages have been rounded and may not sum to 100%

# Gauteng, KwaZulu-Natal and Western Cape accounted for **78%** of sales of goods & services in 2021

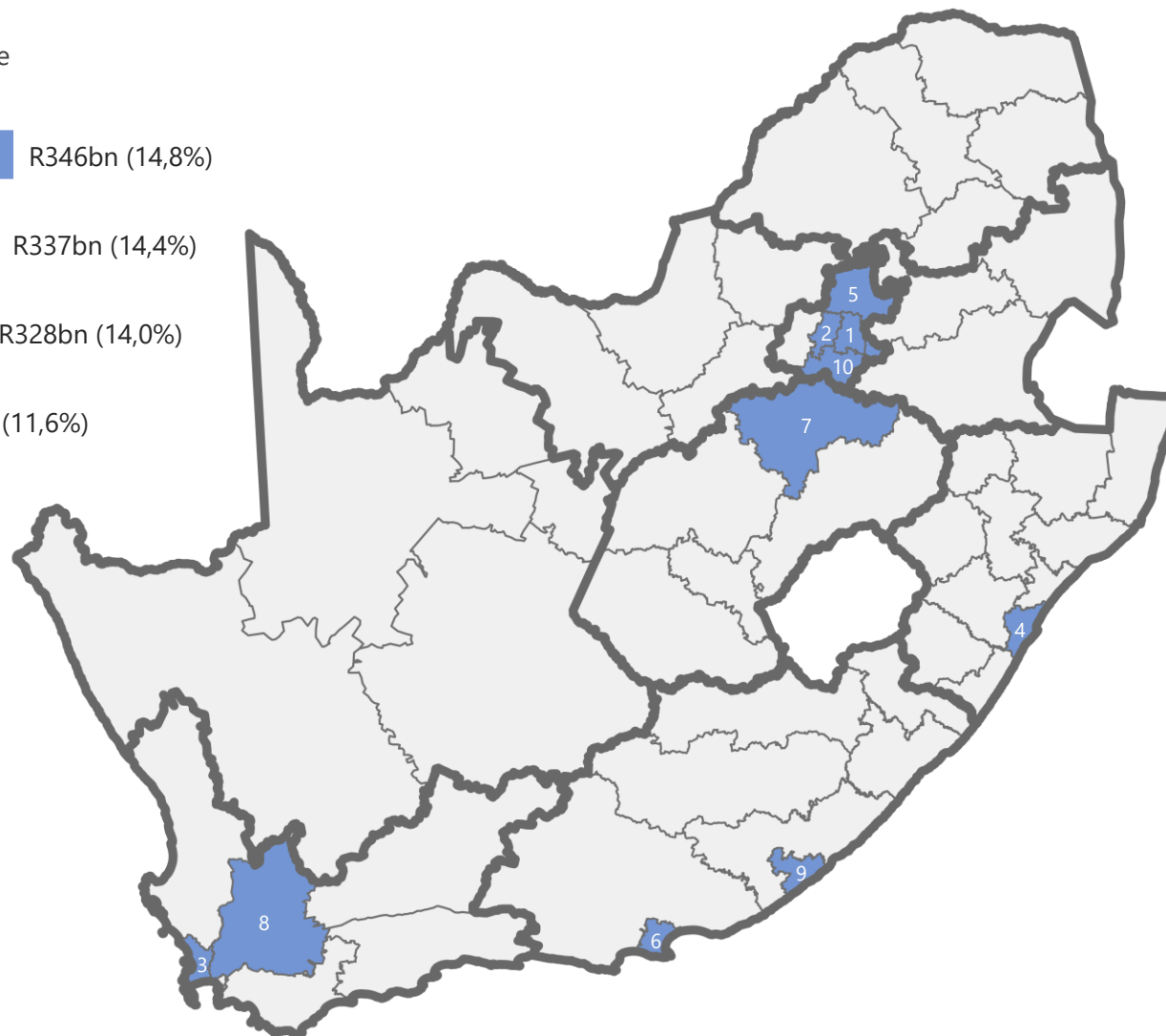
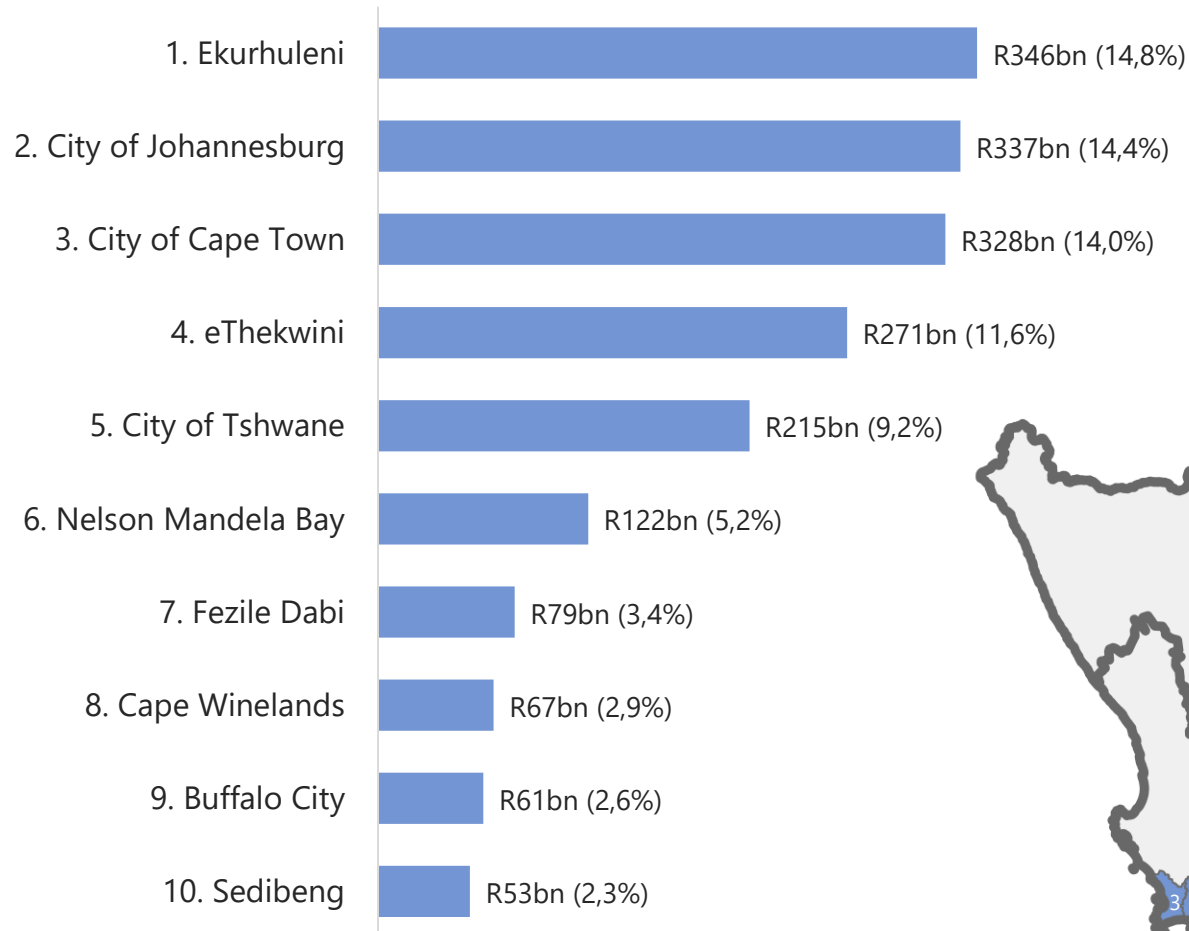
Percentage contribution to the national total of sales of goods & services (R2,3 trillion)



Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table G Percentages have been rounded and may not sum to 100%

# Top ten districts by sales of goods & services. Ekurhuleni overtook Joburg for the #1 spot in 2021

Sales of goods & services and percentage contribution to the national total  
Together, these districts account for 80% of total sales of goods & services nationwide



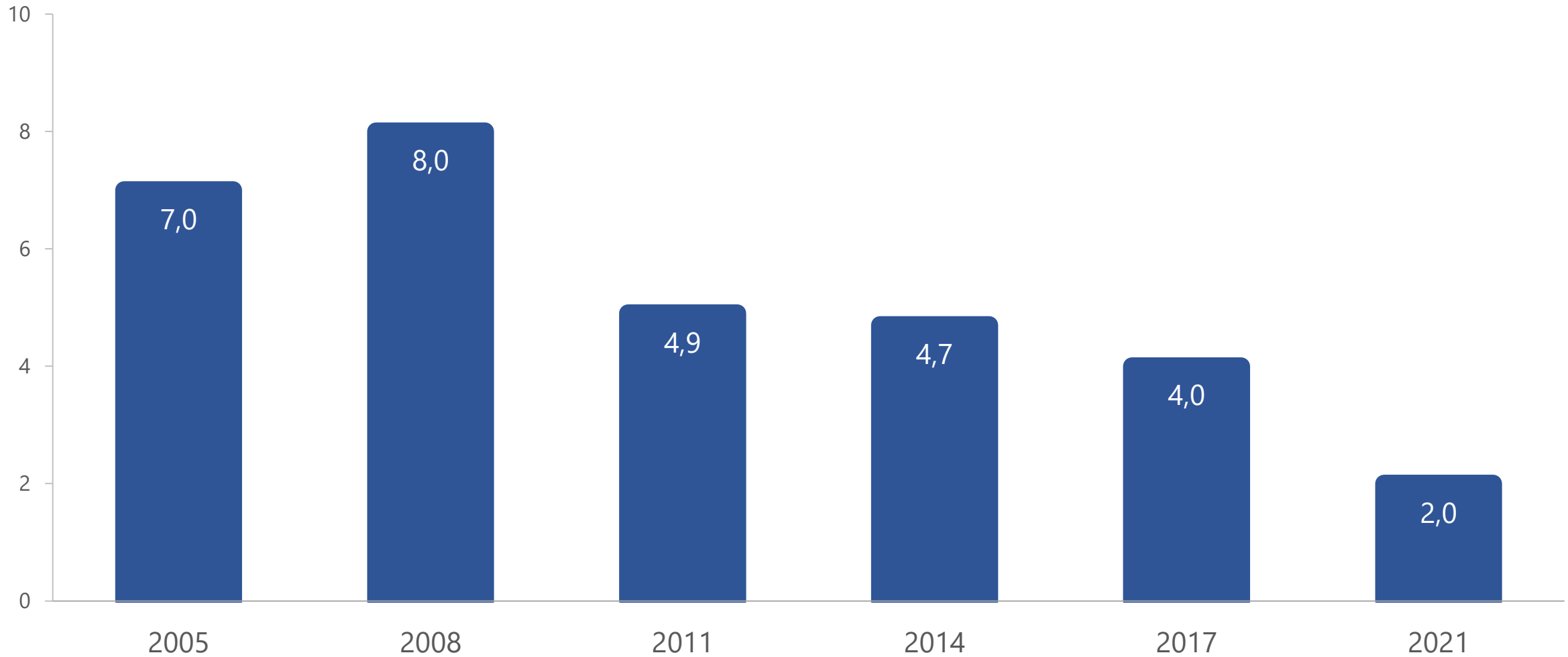
Source: Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table H

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MANUFACTURING, 2021

# Despite a rise in total income, overall profit for the manufacturing industry has declined

Profit margin for the whole industry



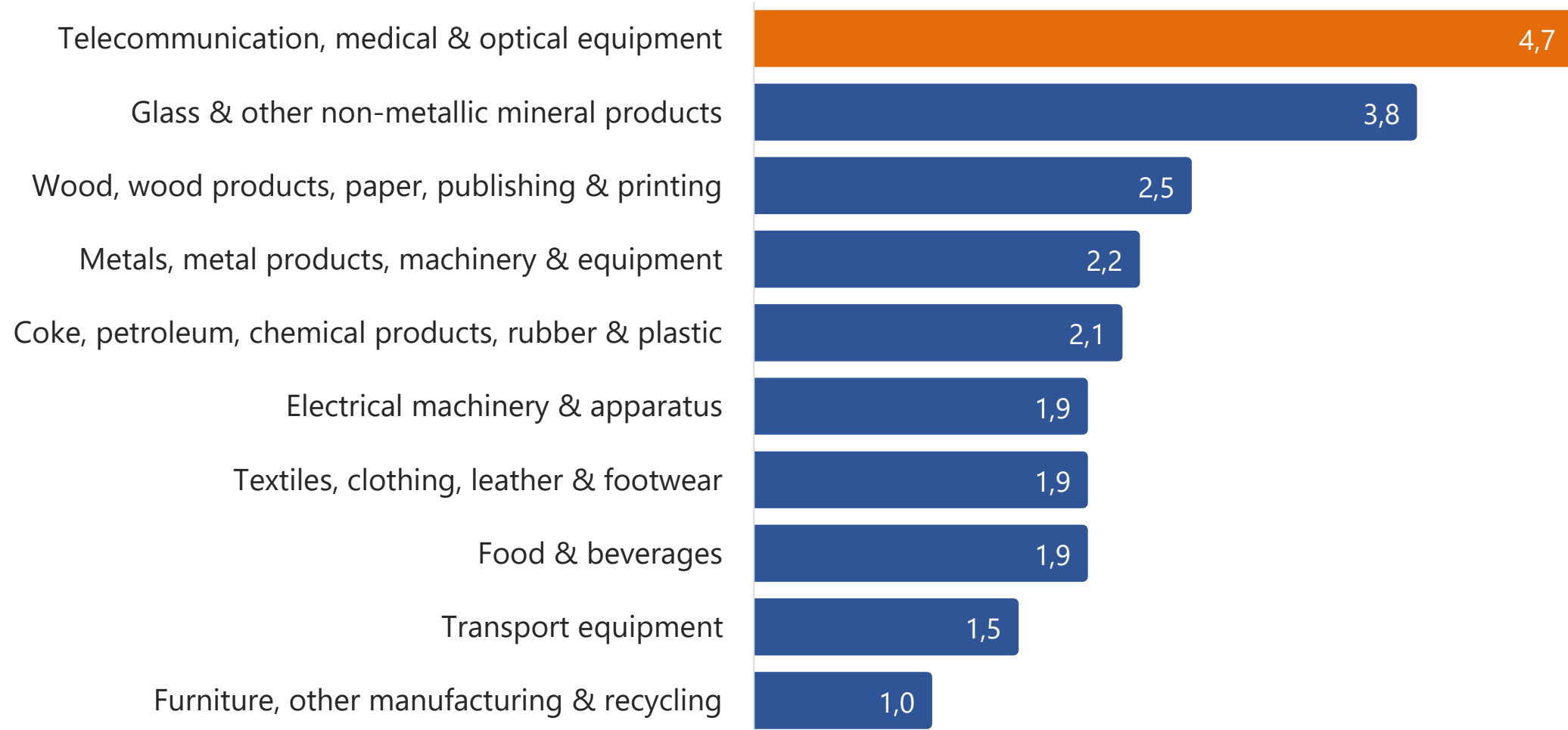
Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table C*

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MANUFACTURING, 2021



# Telecommunication, medical & optical manufacturers recorded the highest profit margin in 2021

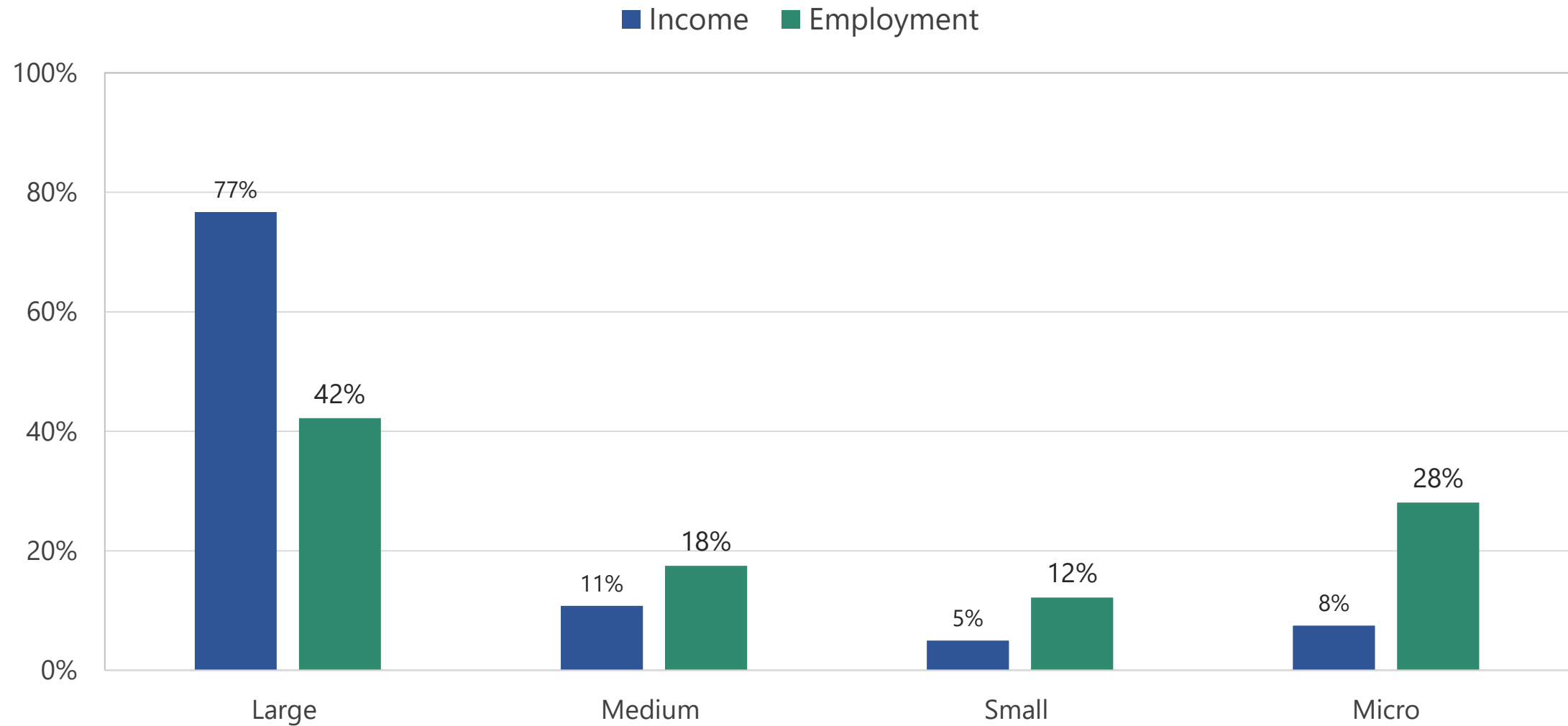


Source: Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table C

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MANUFACTURING, 2021

# In 2021, SMMEs\* accounted for 24% of income and 58% of employment in the manufacturing industry



\*Small, micro, and medium enterprises Source: Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Figure 2

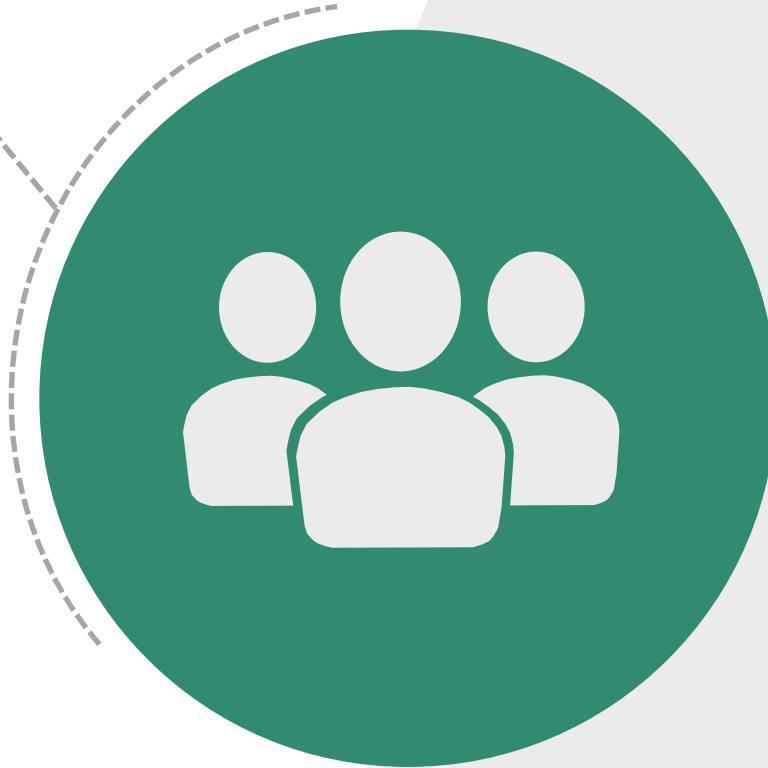
Economic importance

Income

Employment

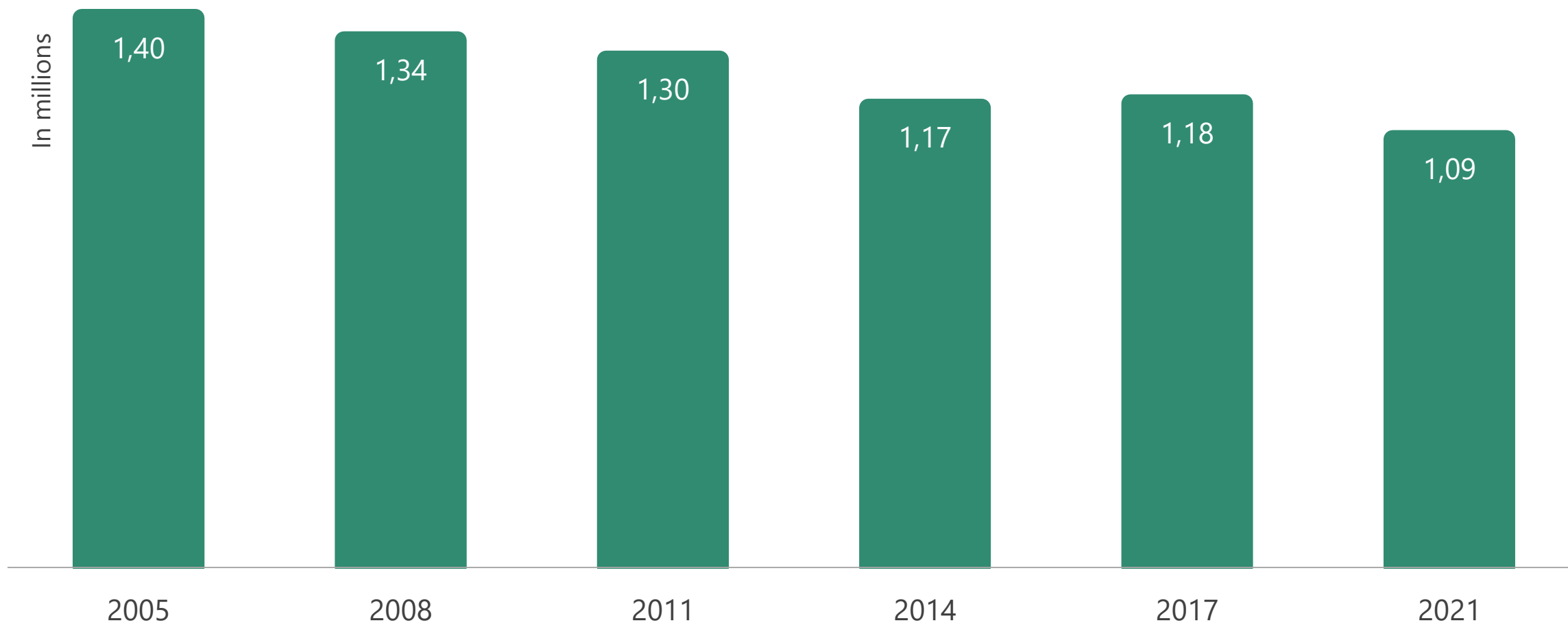
Products

Additional insight



# The manufacturing industry lost 308 845 jobs in the period 2005–2021

Number of manufacturing jobs by year (in millions)



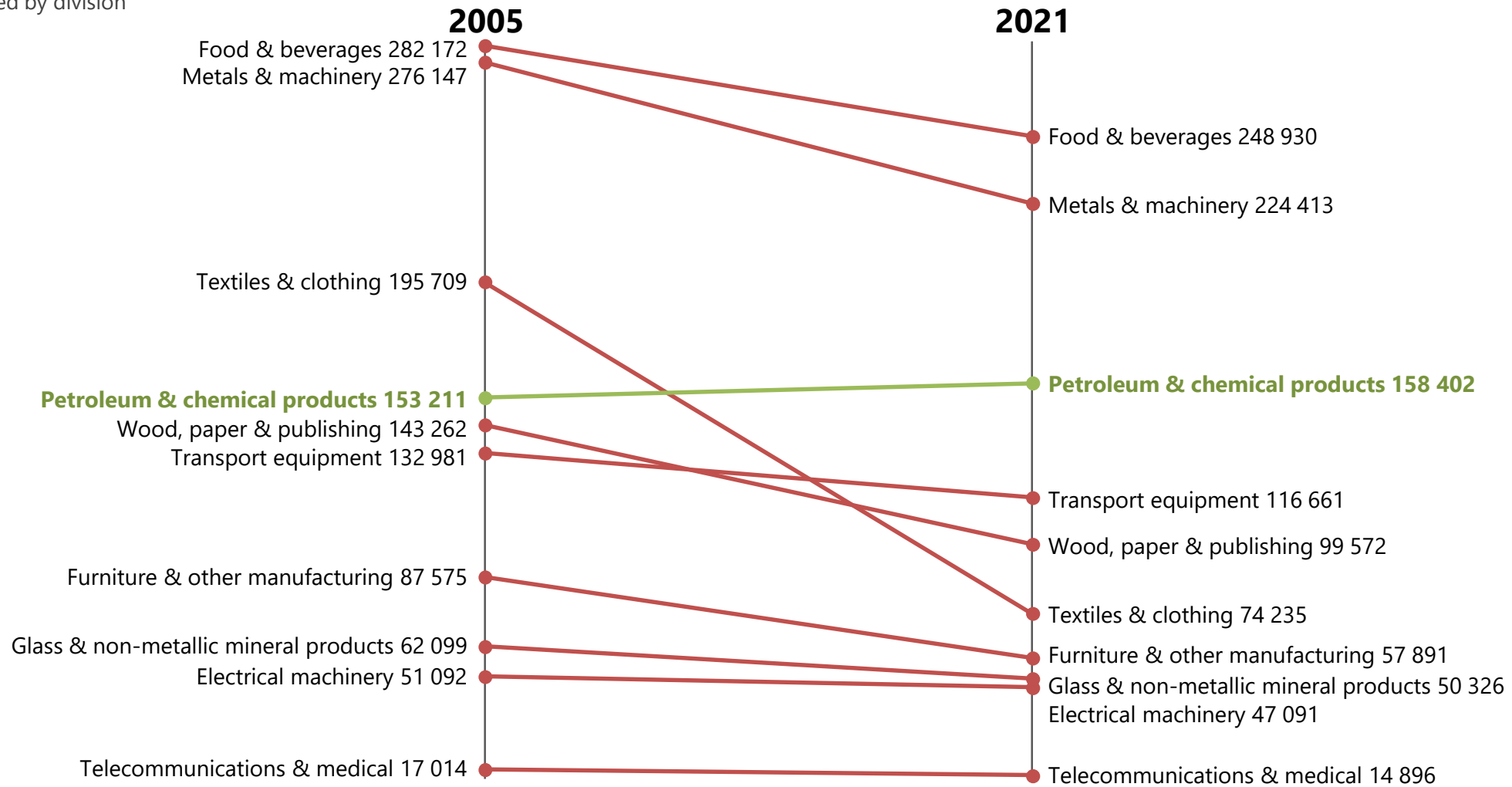
Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table D

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MANUFACTURING, 2021

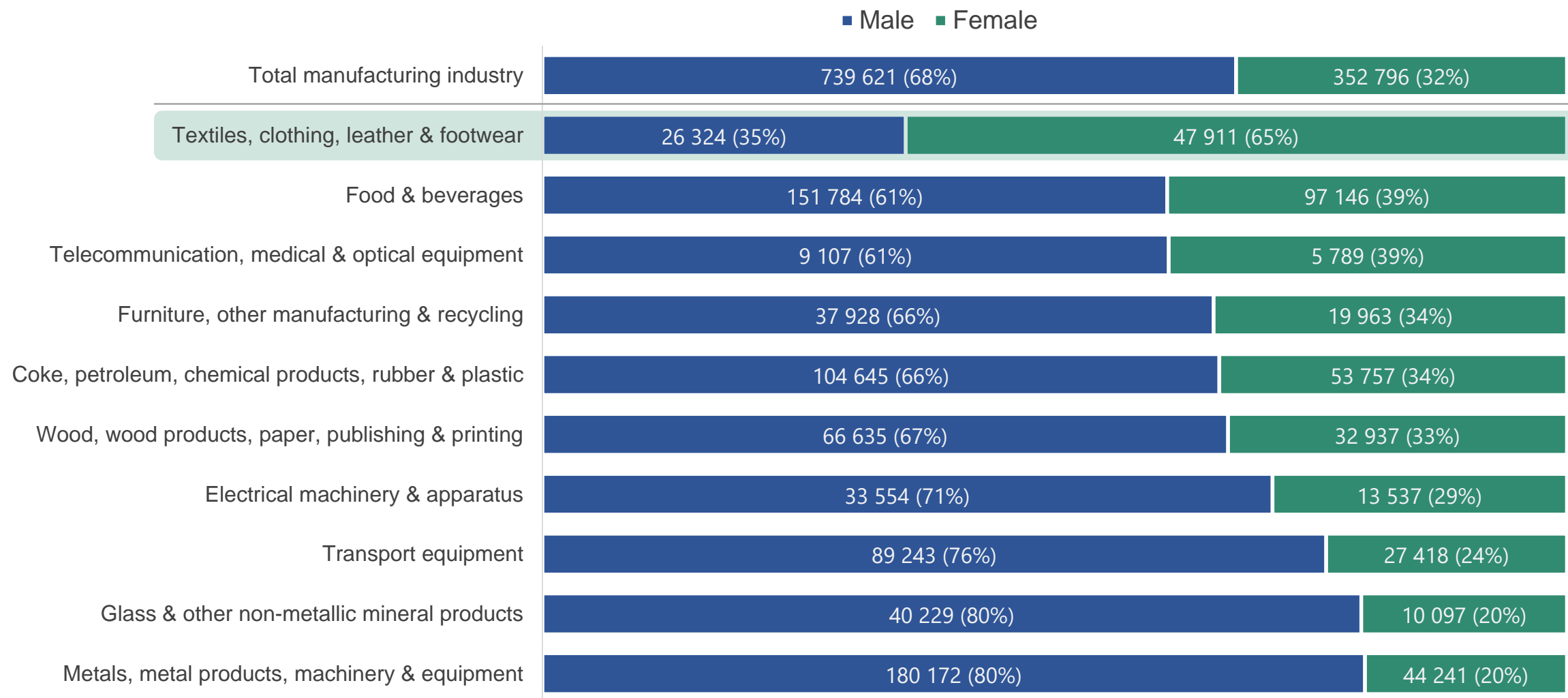
# Petroleum & chemical products was the only division that saw a rise in employment in the period 2005–2021

Number of employed by division



Source for 2021 data: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table D

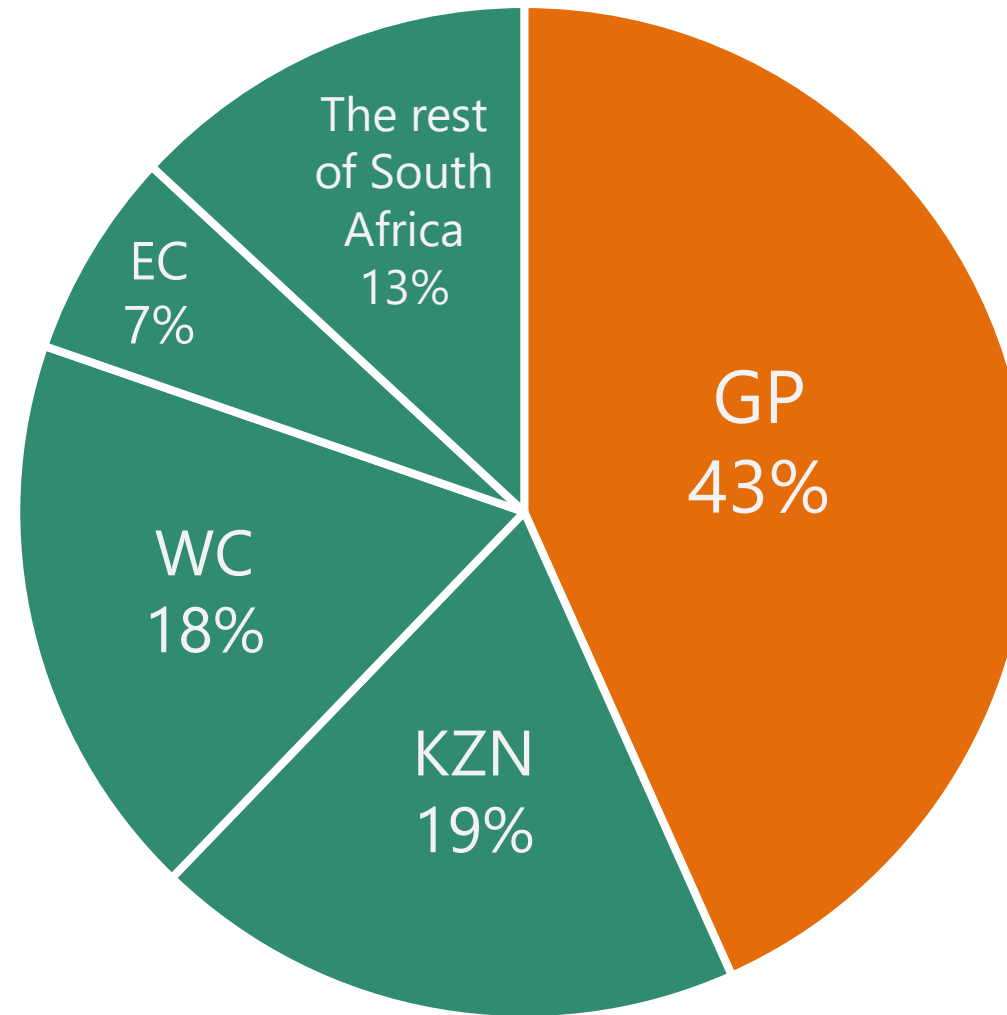
# In 2021, women occupied **65%** of jobs in textiles & clothing



Source: Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Figure 3 and Table 16

# In 2021, manufacturing jobs were concentrated in Gauteng

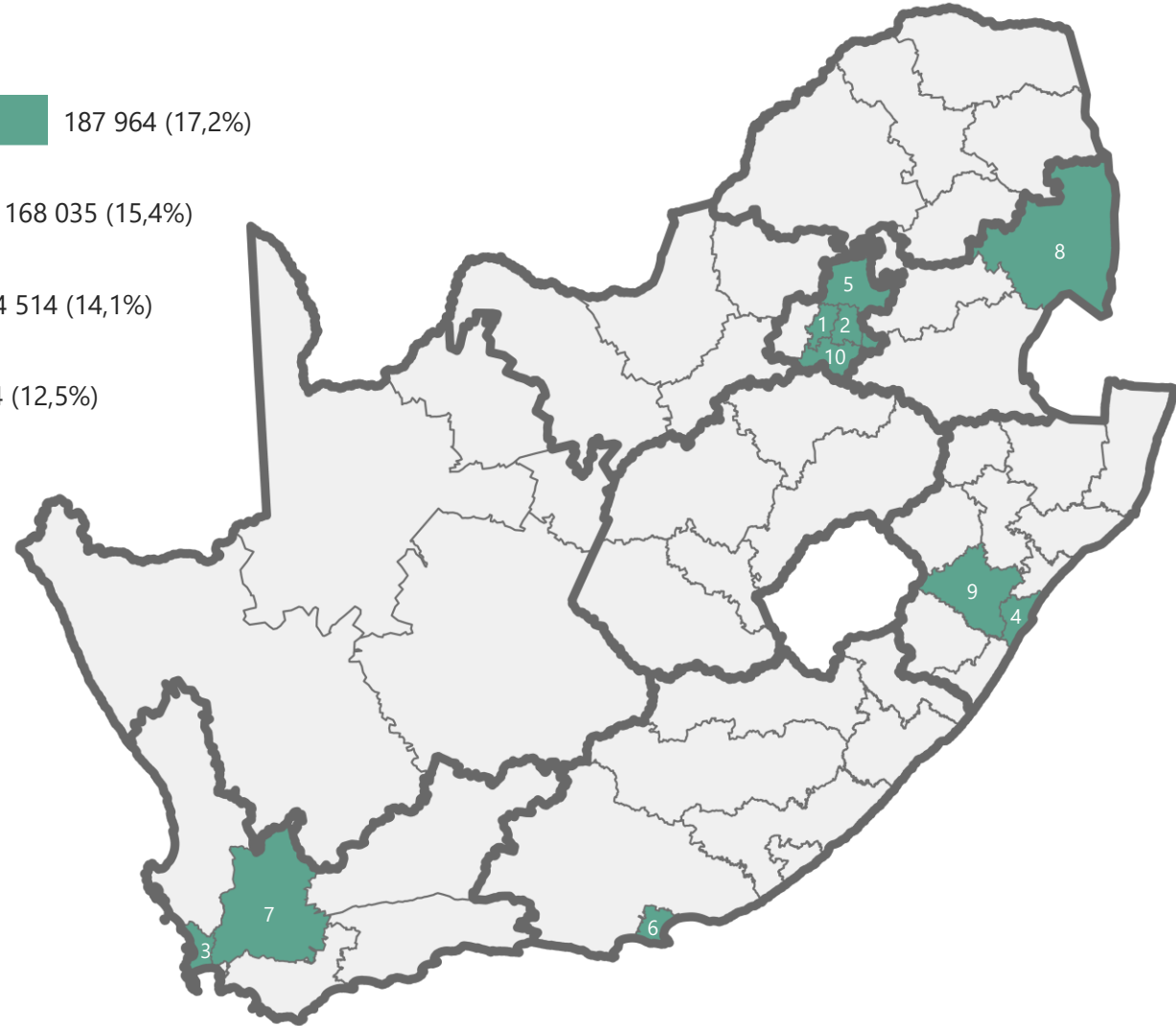
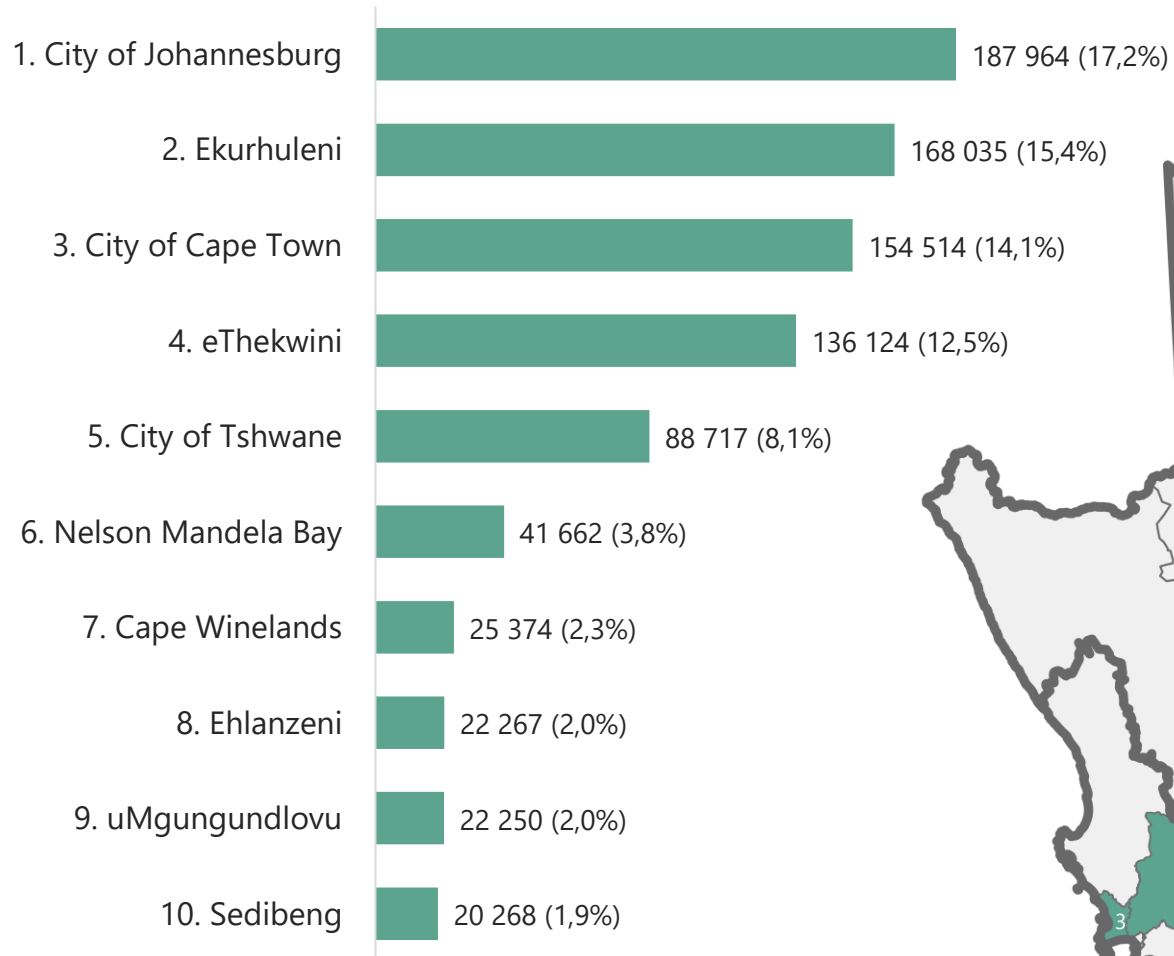
Percentage contribution to the national total (1,092 million)



Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table G Percentages have been rounded and may not sum to 100%

# Top ten districts with the highest number of manufacturing jobs. Joburg is in the lead

Number of jobs and percentage contribution to the national total  
Together, these districts account for 79% of manufacturing jobs nationwide



Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table 27*

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MANUFACTURING, 2021



Economic importance

Income

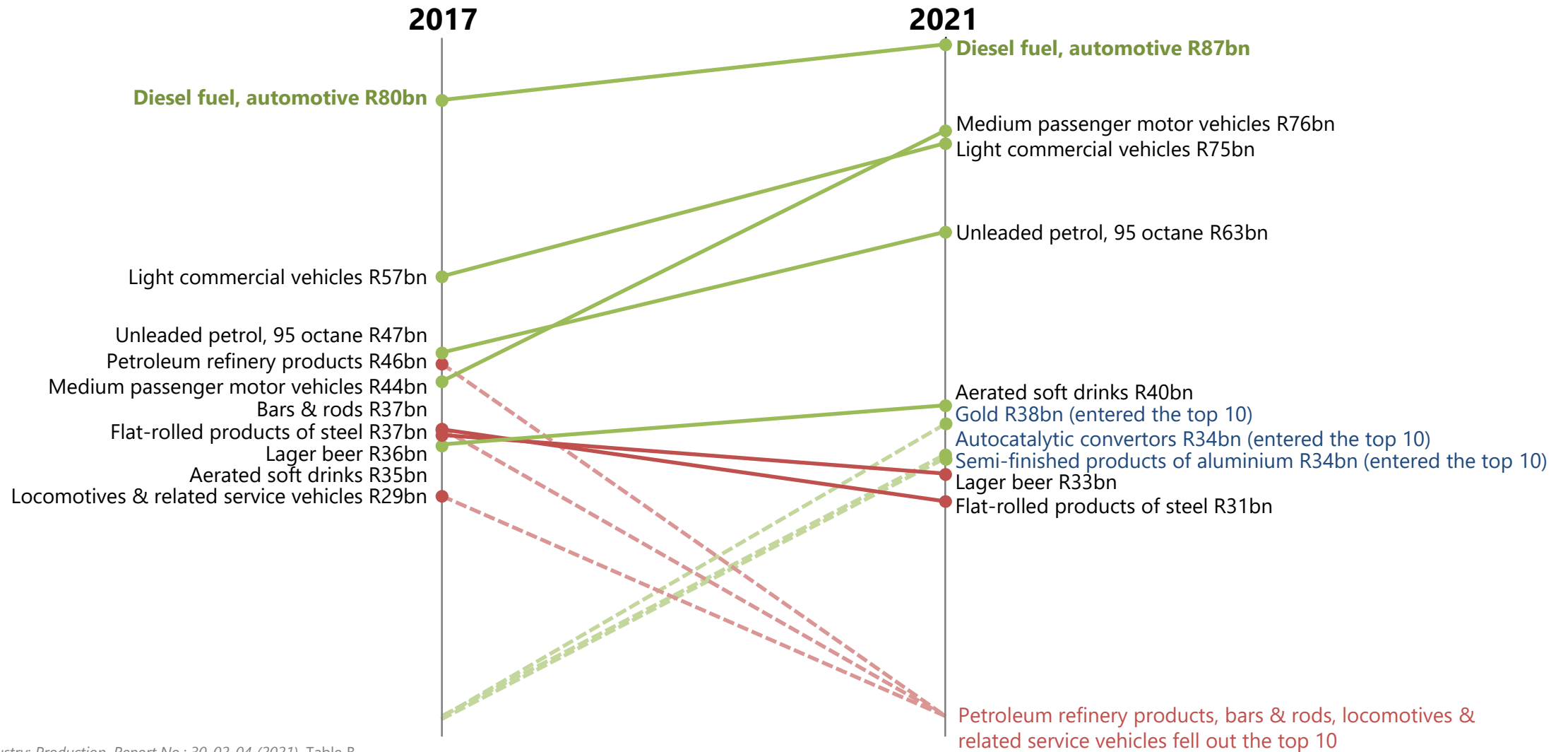
Employment

Products

Additional insight



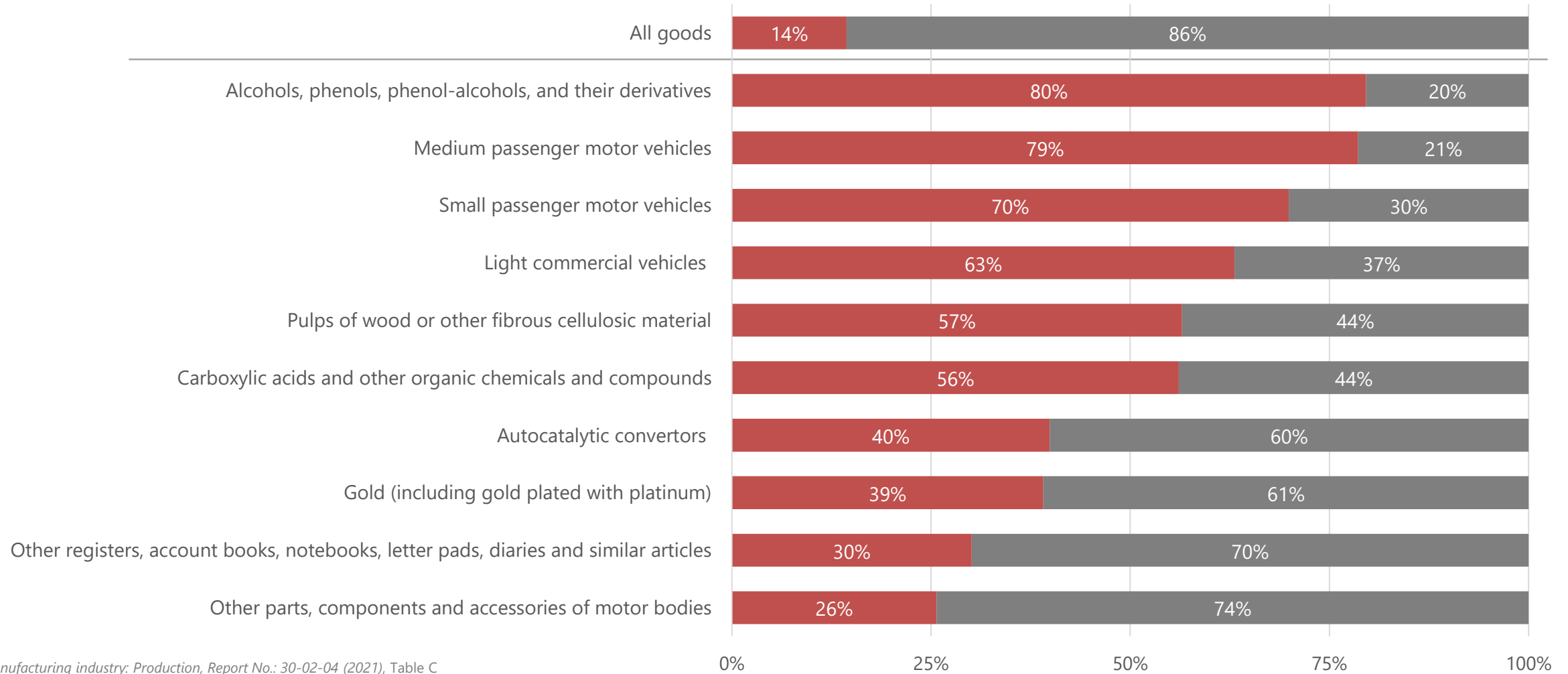
# Diesel fuel generated the most income in 2017 and 2021 (top 10 manufactured products)



Source: Manufacturing industry: Production, Report No.: 30-02-04 (2021), Table B

# Percentage of total income generated from export sales (top 10 products)

■ Export sales ■ Local sales



Source: Manufacturing industry: Production, Report No.: 30-02-04 (2021), Table C

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MANUFACTURING, 2021

Economic importance

Income

Employment

Products

Additional insight



# Food & beverages accounted for the highest share of sales of goods & services in five provinces

Percentage breakdown of sales of goods & services in each province by type of manufacturer, 2021

Type of manufacturer	WC	EC	NC	FS	KZN	NW	GP	MP	LP	Total
Food & beverages	27%	19%	<b>63%</b>	31%	<b>24%</b>	<b>34%</b>	18%	<b>46%</b>	<b>51%</b>	<b>24%</b>
Textiles & clothing	3%	2%	0%	1%	5%	1%	1%	1%	1%	2%
Wood, paper & publishing	7%	3%	1%	1%	9%	7%	6%	13%	5%	6%
Petroleum & chemical products	<b>40%</b>	13%	13%	<b>60%</b>	16%	14%	20%	9%	16%	24%
Glass & non-metallic mineral products	2%	2%	8%	1%	2%	11%	4%	3%	9%	3%
Metals & machinery	9%	3%	12%	3%	18%	22%	<b>24%</b>	25%	17%	17%
Electrical machinery	1%	2%	0%	0%	2%	3%	4%	2%	0%	3%
Telecommunications & medical	2%	0%	0%	0%	1%	0%	1%	0%	0%	1%
Transport equipment	4%	<b>55%</b>	2%	3%	21%	5%	16%	1%	1%	16%
Furniture & other manufacturing	6%	1%	1%	0%	2%	3%	5%	1%	1%	4%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table 22

Percentages have been rounded and may not sum to 100%

# Metals & machinery accounted for the highest share of salaries & wages in four provinces

Percentage breakdown of total salaries & wages in each province by type of manufacturer, 2021

Type of manufacturer	WC	EC	NC	FS	KZN	NW	GP	MP	LP	Total
Food & beverages	20%	16%	<b>34%</b>	22%	19%	21%	15%	23%	<b>40%</b>	18%
Textiles & clothing	6%	3%	0%	2%	9%	1%	2%	2%	2%	4%
Wood, paper & publishing	16%	3%	2%	3%	10%	4%	7%	22%	4%	9%
Petroleum & chemical products	<b>20%</b>	15%	14%	<b>56%</b>	19%	20%	19%	8%	9%	20%
Glass & non-metallic mineral products	3%	3%	16%	1%	2%	11%	5%	3%	13%	4%
Metals & machinery	15%	7%	26%	8%	<b>19%</b>	<b>29%</b>	<b>29%</b>	<b>32%</b>	28%	<b>23%</b>
Electrical machinery	2%	3%	1%	1%	3%	5%	6%	5%	1%	4%
Telecommunications & medical	2%	0%	0%	0%	1%	0%	2%	0%	0%	2%
Transport equipment	11%	<b>47%</b>	4%	7%	17%	7%	11%	3%	2%	14%
Furniture & other manufacturing	5%	2%	2%	1%	3%	2%	4%	2%	1%	4%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table 23

Percentages have been rounded and may not sum to 100%

# Food & beverages accounted for the highest share of manufacturing employment in seven provinces

Percentage breakdown of number of employed in each province by type of manufacturer, 2021

Type of manufacturer	WC	EC	NC	FS	KZN	NW	GP	MP	LP	Total
Food & beverages	<b>29%</b>	19%	<b>51%</b>	<b>39%</b>	<b>19%</b>	<b>28%</b>	18%	<b>33%</b>	<b>45%</b>	<b>23%</b>
Textiles & clothing	8%	5%	0%	3%	17%	2%	3%	1%	2%	7%
Wood, paper & publishing	12%	6%	3%	5%	12%	6%	7%	20%	8%	9%
Petroleum & chemical products	13%	13%	8%	22%	15%	11%	16%	6%	8%	15%
Glass & non-metallic mineral products	3%	5%	6%	3%	3%	8%	5%	6%	13%	5%
Metals & machinery	15%	10%	24%	15%	15%	27%	<b>27%</b>	24%	19%	21%
Electrical machinery	2%	4%	1%	1%	3%	5%	6%	3%	1%	4%
Telecommunications & medical	2%	0%	0%	0%	1%	0%	2%	0%	0%	1%
Transport equipment	8%	<b>35%</b>	5%	9%	11%	7%	9%	4%	3%	11%
Furniture & other manufacturing	6%	3%	2%	3%	5%	5%	6%	3%	1%	5%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table 24

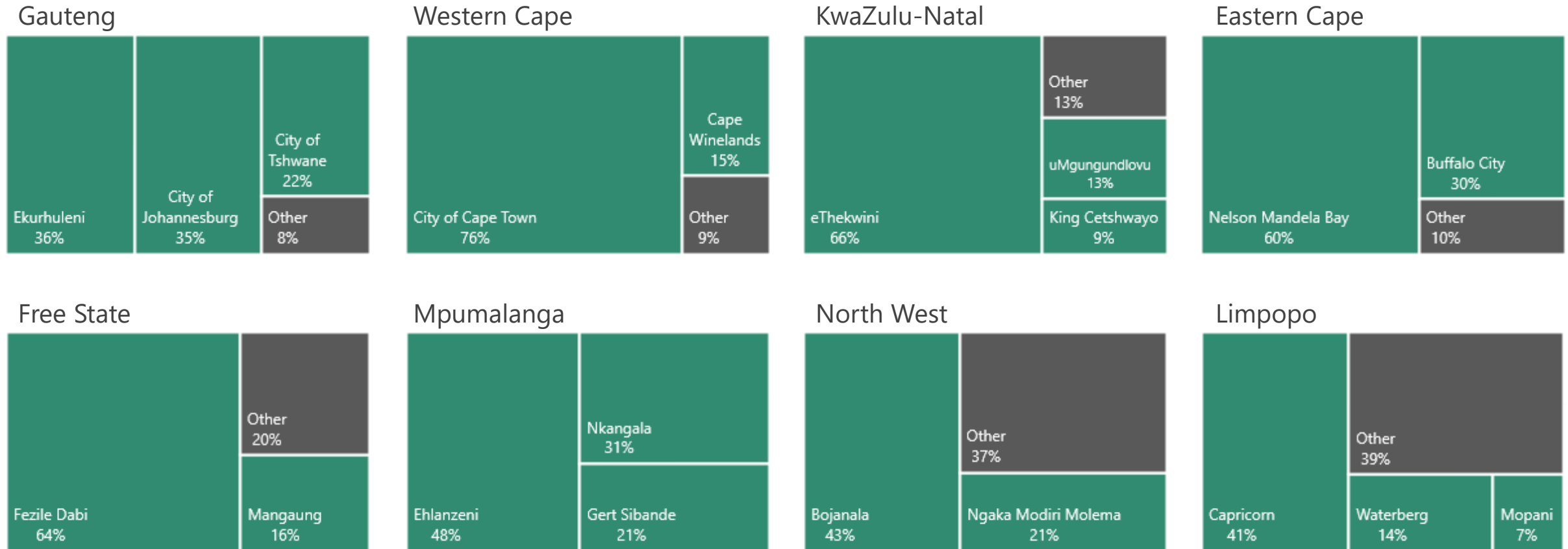
Percentages have been rounded and may not sum to 100%

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MANUFACTURING, 2021

# Where are sales of goods & services concentrated in each province?

Percentage breakdown of sales of goods & services in each province by district, 2021  
Northern Cape does not appear here as the data were only published for the province as a whole



Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table 25

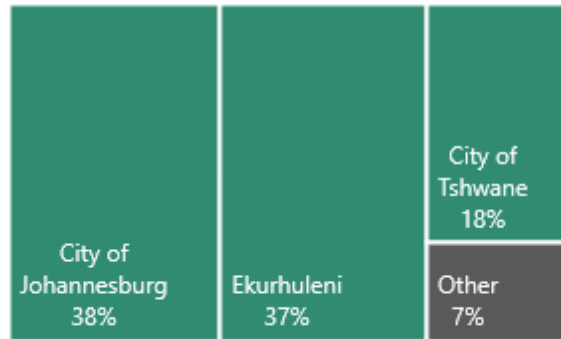
Percentages have been rounded and may not sum to 100%



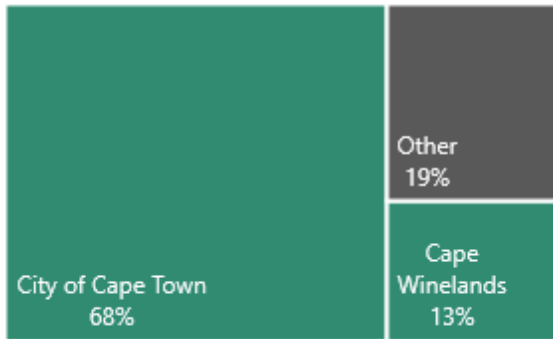
# Where are salaries & wages concentrated in each province?

Percentage breakdown of salaries & wages in each province by district, 2021  
Northern Cape does not appear here as the data were only published for the province as a whole

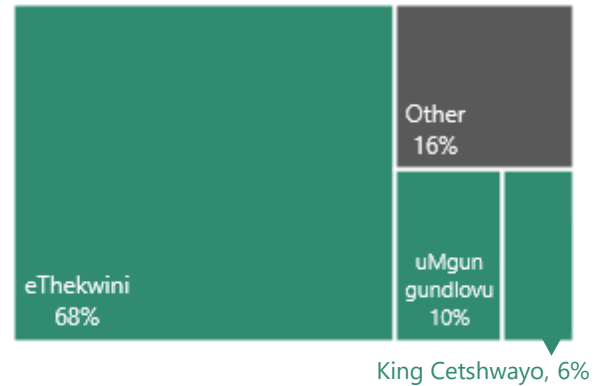
## Gauteng



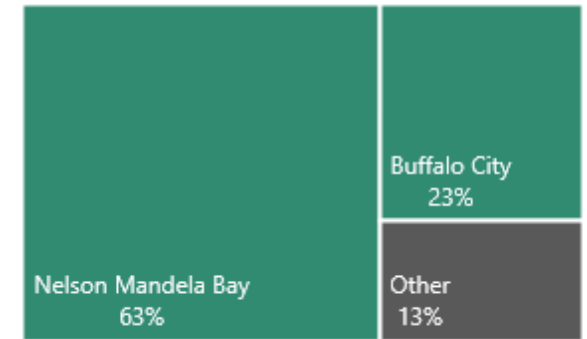
## Western Cape



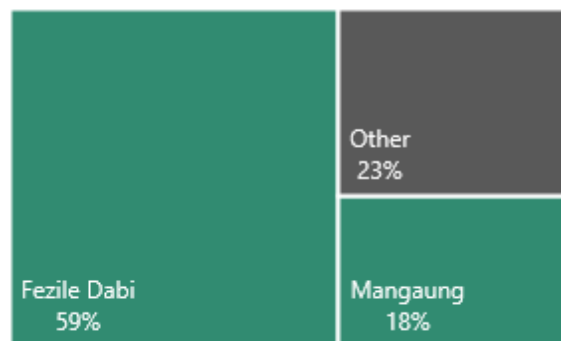
## KwaZulu-Natal



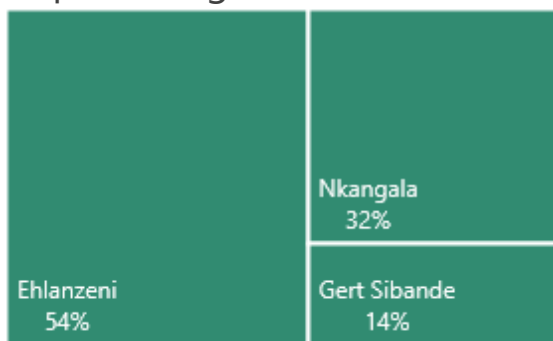
## Eastern Cape



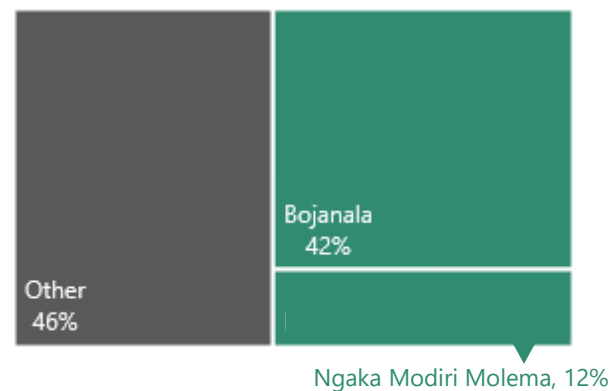
## Free State



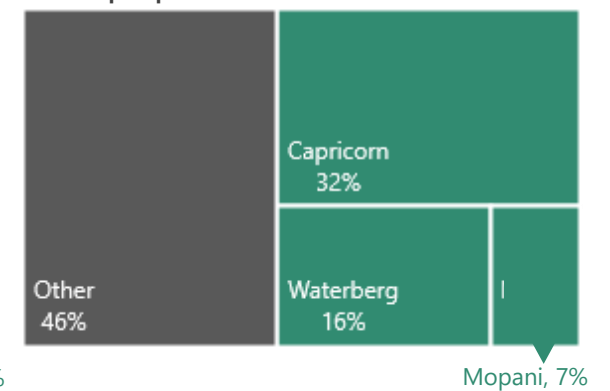
## Mpumalanga



## North West



## Limpopo

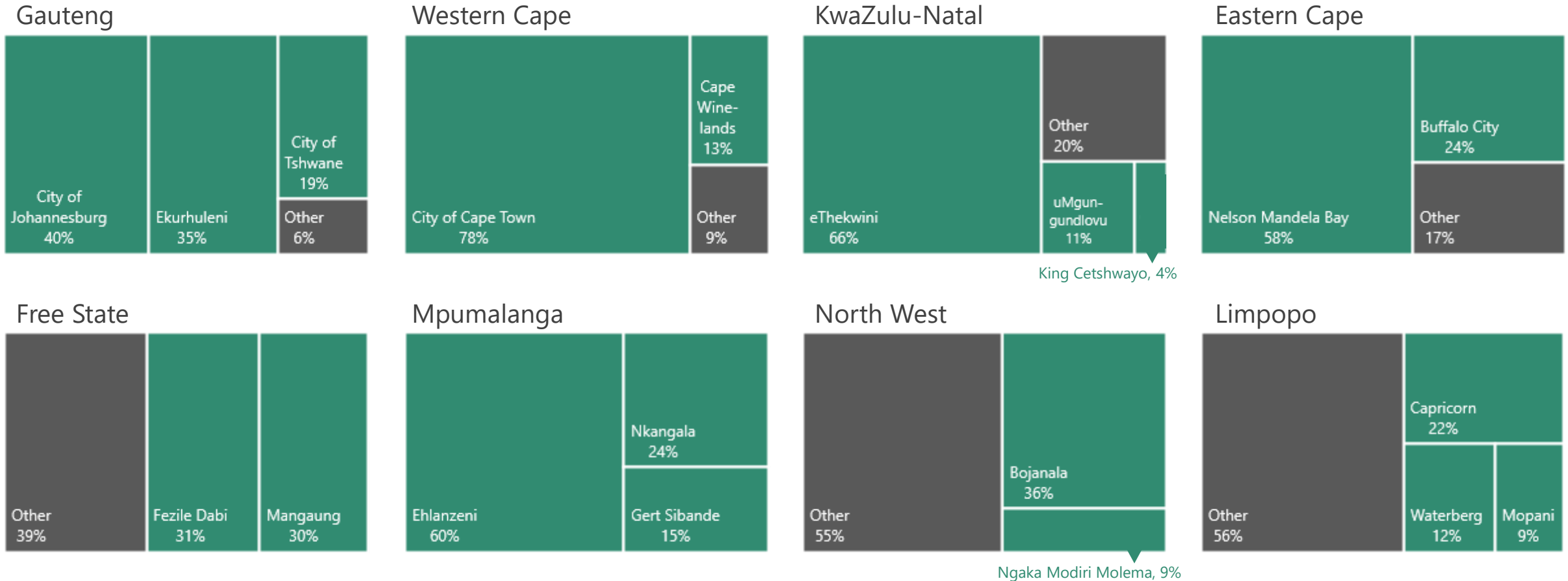


Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021)*, Table 26

Percentages have been rounded and may not sum to 100%

# Where is employment concentrated in each province?

Percentage breakdown of number of employed in each province by district, 2021  
 Northern Cape does not appear here as the data were only published for the province as a whole



Source: *Manufacturing industry: Financial, Report No.: 30-02-03 (2021), Table 27* Percentages have been rounded and may not sum to 100%

## Overview

- Manufacturing's contribution to total economic activity has eroded over the years
- Despite a rise in total manufacturing income, overall profit has declined
- The industry has also lost jobs, with the workforce size declining since 2005
- Textiles & clothing manufacturers were hardest hit by job losses
- Gauteng is the manufacturing hub of the country, accounting for 43% of the manufacturing workforce and 42% of sales of goods & services
- Manufacturing is mainly concentrated in Johannesburg, Ekurhuleni, Cape Town and eThekweni, with the four cities accounting for 60% of the national manufacturing workforce and just over half of sales of goods & services
- In 2021, the top 10 manufactured products that generated the most income were related to the automotive, beverage and steel sectors

# Thank you!

## Reports

Manufacturing industry: Financial, Report No. 30-02-03 (2021)

Manufacturing industry: Production, Report No. 30-02-04 (2021)

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