

Brazilian Industry in Figures

1. Industry performance (short-term indicators)

• Main industrial indicators

Variable	Dec-21/Nov-21 (%) seasonally adjusted	Dec-21/Dec-20 (%)	12-month change until December (%)
Production ¹	2.9	-5.0	3.9
Real Sales ²	-0.3	-7.5	3.8
Employment ²	0.0	3.6	4.1

Source: IBGE and CNI

1 Mining and quarrying and Manufacturing. Measures changes only in volume produced, without price changes; 2 Manufacturing

Variable	Dec-21	Nov-21	Dec-20
Capacity utilization ¹ Seasonally adjusted, average percentage	79.6	80.2	80.2
Actual-planned inventories ^{2,3} Index	50.4	50.7	45.5

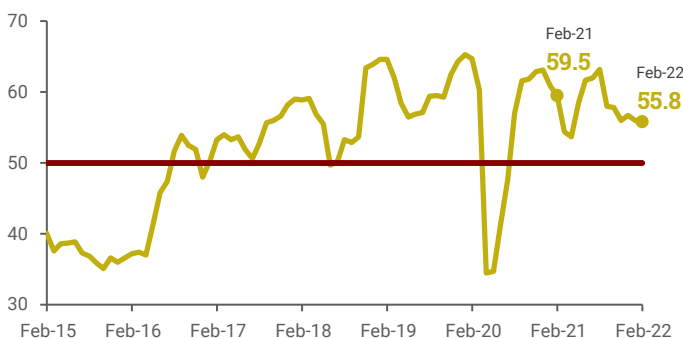
Source: CNI

1 Manufacturing; 2 Mining and quarrying and Manufacturing; 3 The indicator varies in the 0-100 interval. Figures above 50 points indicate that actual inventory is above planned levels.

Variable	Dec-21	Nov-21	12 months ended in December
Industry goods and services exports US Dollar (Millions), FOB	20,606	17,432	225,297
Industry goods and services imports US Dollar (Millions), FOB	19,913	21,042	213,535
Industry trade balance US Dollar (Millions), FOB	693	-3,610	11,762

Source: CNI, based on Ministry of Economy and Central Bank of Brazil data.

• Business Confidence Index

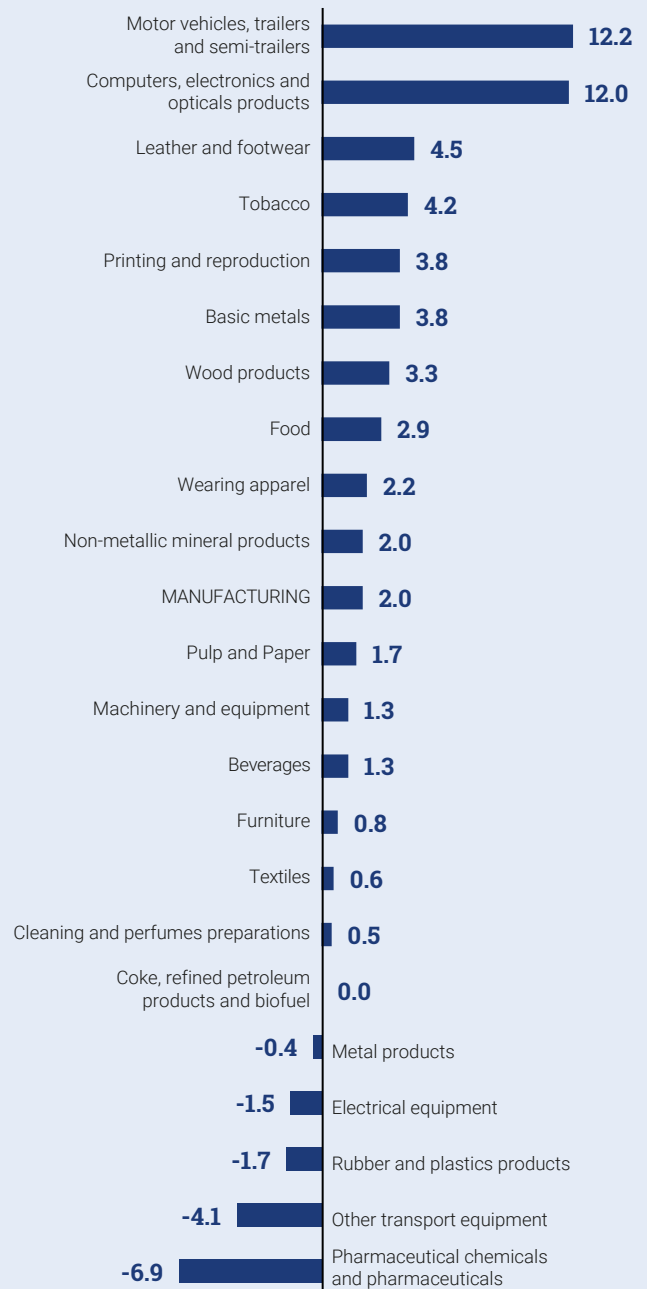


Source: CNI

Note: 1 Mining and quarrying, Manufacturing and Construction; 2 The indicator varies in the 0-100 interval. Figures above 50 points indicate that entrepreneurs are confident.

• Sectoral production - Monthly variation - Manufacturing

December compared to November (%) - seasonally adjusted



Source: IBGE

Note: Measures changes only in volume produced, without price changes.

2. Industry Profile

• The importance of industry in Brazil

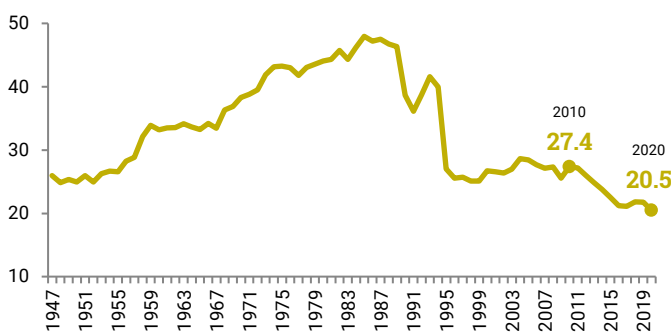
Industry's share (%)

Activity	GDP		Employment		Total payroll	
	2010	2020	2010	2020	2010	2020
INDUSTRY	27.4	20.5	24.5	20.9	24.5	19.7
Mining and quarrying	3.3	3.0	0.5	0.5	1.1	1.0
Manufacturing	15.0	11.2	17.1	14.8	16.9	13.8
SIUP ¹	2.8	2.9	1.0	1.1	1.6	1.6
Construction	6.3	3.4	6.0	4.6	5.0	3.3

Source: IBGE and Ministry of Economy

Note: 1 - Public Utility Industrial Services. It refers to electricity, gas, water supply, sewerage and other related services.

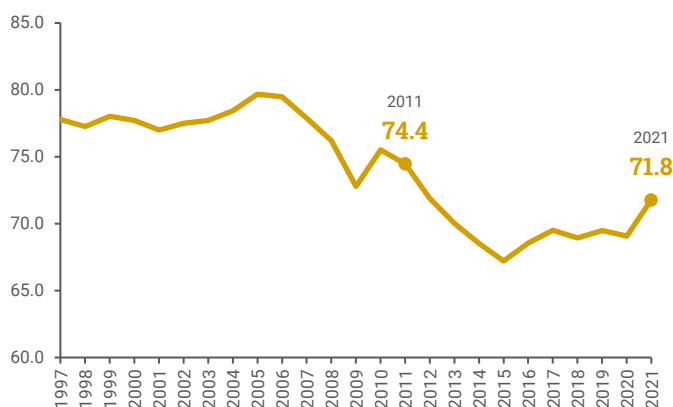
Evolution of industry's share in GDP - 1947-2020 (%)



Source: IBGE

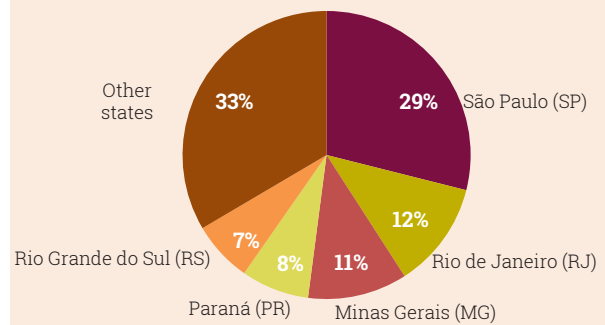
Note: Mining and quarrying, Manufacturing, Construction and Public Utility Industrial Services (such as electricity, gas, water supply, sewerage and other related services).

Evolution of Industry's share in goods and services exports - 1997 to 2021 (%)



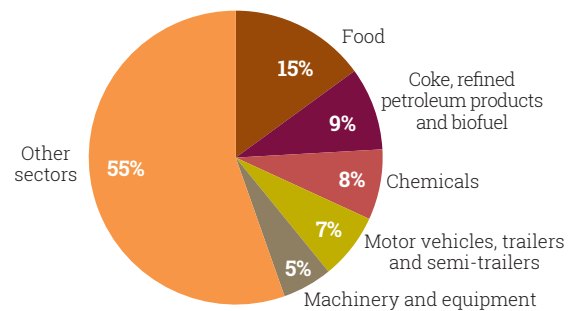
Source: CNI, based on Ministry of Economy and Central Bank of Brazil data.

• The five states with the greatest share of Brazilian Industry GDP - 2019 (%)



Source: IBGE

• Top five sectors in share of Manufacturing value added - 2019 (%)



Source: IBGE

• International Comparison - Brazil and selected countries

Industry's share in GDP, in employment and in goods and services exports (%)

Countries	GDP		Employment		Exports of goods and services ¹	
	2010	2020	2009	2019	2009	2019
Argentina	25.3	22.5	23.2	21.4	73.7	60.7
Brazil	27.4	20.5	23.7	20.2	72.8	69.5
China	46.5	37.8	27.8	28.2	91.5	90.2
South Korea	34.1	32.8	24.5	25.1	86.6	86.0
United States	19.4	17.7	20.0	19.8	61.5	61.2
India	30.7	23.2	21.2	25.6	57.0	55.5
Mexico	32.4	29.6	24.3	26.1	90.2	89.8
Russian Federation	30.0	30.0	27.5	26.7	86.0	84.4

Source: The World Bank, IBGE, Ministry of Economy, OECD, Central Bank of Brazil, Funcex and Bureau of Economic Analysis.

Note: 1 The sources for exports of goods are OECD and Ministry of Economy. For the exports of services the sources are Central Bank of Brazil and UNCTADstat.



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