

INDUSTRIAL INDICATORS

ECONOMIC INDICATORS **CNI**

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Brazilian National Confederation of Industry
THE FUTURE OF INDUSTRY






Manufacturing Ended the Year with Growth in Hours Worked, Wage Bill, and Average Income

In December, the manufacturing industry saw growth in the number of hours worked in production, the real wage bill, and the real average worker's income, continuing a trend established throughout 2022. Despite this growth, real revenue and Capacity Utilization dropped, although they remain high. Employment remained stable for the second consecutive month, indicating a slowdown in growth.

The end of 2022 brought positive results for the manufacturing industry, as five of the six monitored indicators showed growth in the year-over-year comparison. The only exception was Capacity Utilization, which declined throughout the year.


Among the main contributing factors to this growth in 2022, the gradual reorganization of supply chains, the slowing of inflation, the recovery of the labor market, and increased economic activity. This progress happened despite rising interest rates, which continue to hinder a more significant advancement in industrial activity.

Industrial Indicators - December 2022

		PERCENTAGE VARIATION		
		Dec22/Nov22 seasonally adjusted	Dec22/ Dec21	Jan-Dec22/ Jan-Dec21
	Real revenue ¹	-0.4	5.2	2.8
	Hours worked in production	0.6	0.4	2.7
	Employment	0.1	0.7	1.5
	Real wage bill ²	0.3	5.6	3.7
	Real average income ²	0.8	4.9	2.1

¹ Deflator: IPA/OG-FGV

² Deflator: INPC-IBGE

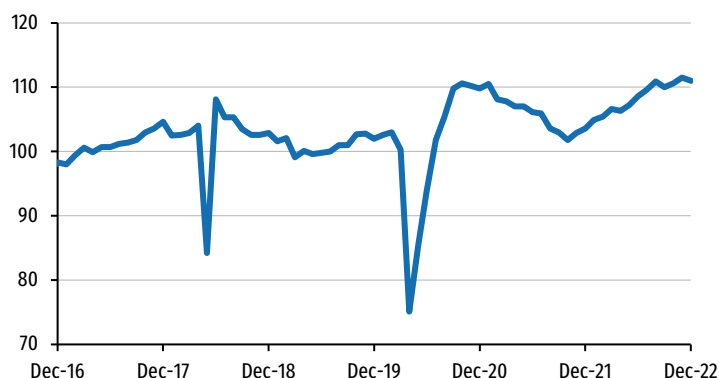
		AVERAGE PERCENTAGE			VARIATION IN PERCENTAGE POINTS
		Dec22	Nov22	Dec21	
	Capacity Utilization	Seasonally adjusted			-0.6 p.p. Dec22/Nov22
		79.4	80.0	81.1	
		Original			-2.1 p.p. Dec22/Dec21
		75.8	80.7	77.9	

Revenue decreases in December

In December 2022, the real revenue of manufacturing dropped by 0.4% compared to November for the series without seasonal effects. Despite the decline in the previous month, revenue remained at its second-highest level since 2015. The accumulated comparison from January to December 2022 showed an increase in revenue of 2.8% compared to the same period in 2021.

Real revenue

Seasonally adjusted (Fixed base index: 2006 average = 100)



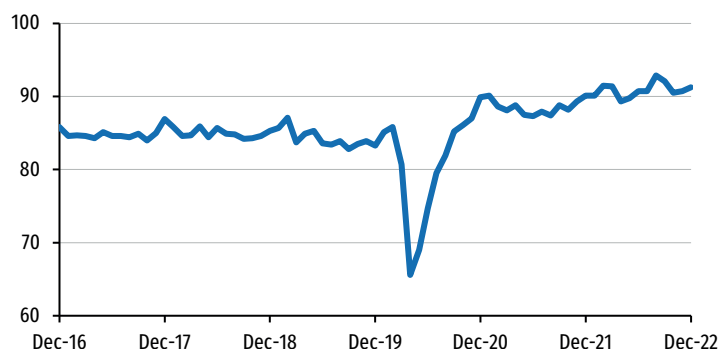
Deflator: IPA/OG-FGV

The hours worked in production ended the year on a high note

In December 2022, the number of hours worked in production grew by 0.6% compared to November, excluding seasonal effects. It is worth noting that there was a 2.6% decrease in the number of hours worked in September and October, partially recovered in November with a 0.2% increase. Despite the second consecutive monthly increase of 0.8%, this did not fully reverse the decline from the previous two months. In the year-over-year comparison, there was a 2.7% growth in hours worked in 2022.

Hours worked in production

Seasonally adjusted (Fixed base index: 2006 average = 100)



Industrial employment remains stable in December

Industrial employment remained stable in December, after a 0.1% variation compared to November in the seasonally adjusted series. It is the second consecutive month of stability, reinforcing the slowdown of the employment rate growth, which increased successively between the second half of 2020 and the second half of 2022. As a result of this month's data, employment ended 2022 with a cumulative increase of 1.5% from January to December 2022 compared to the same period in 2021.

Employment

Seasonally adjusted (Fixed base index: 2006 average = 100)

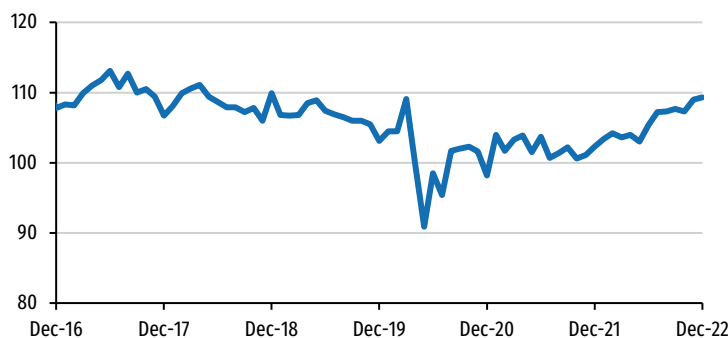


Wage bill increases for the second consecutive month

In December 2022, the manufacturing real wage bill increased for the second month in a row, by 0.3% compared to November, in the series without seasonal effects. The wage bill showed an upward trend throughout 2022, with nine highs in 12 months. The growth from January to December was 3.7%.

Real wage bill

Seasonally adjusted (Fixed base index: 2006 average = 100)



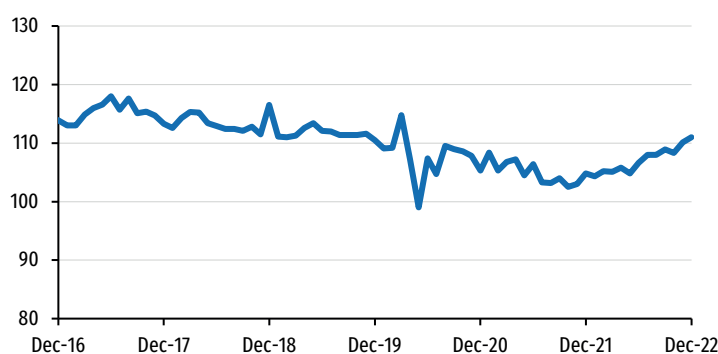
Deflator: INPC-IBGE

The average income showed a new increase in December

The real average income of manufacturing workers increased by 0.8% in December 2022 compared to November in the series without seasonal effects. Throughout 2022, there were seven highs in 12 months, leading to a prevailing growth trend. From January to December, the growth was 2.1%.

Real average income

Seasonally adjusted (Fixed base index: 2006 average = 100)



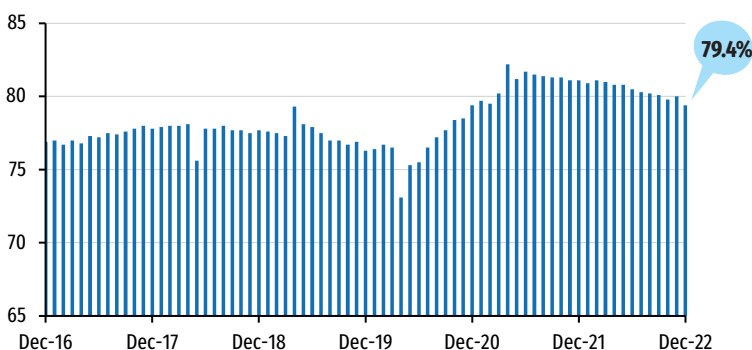
Deflator: INPC-IBGE

Capacity Utilization decreases in December

Capacity Utilization decreased by 0.6 percentage points (pp) in December 2022, compared to November, ending the year at 79.4%, in the series without seasonal effects. Throughout 2022, the series exhibited a gradual downward trend, yet it remained above the levels seen between 2016 and 2019. Compared to December 2021, the indicator dropped by 2.1 percentage points.

Capacity Utilization

Seasonally adjusted (Average percentage)



Learn More

For further information on sectorial results, previous issues, methodology, and historical series, please visit: www.cni.com.br/e_industriais

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Customer Service - Phone: +55 (61) 3317-9992 email: sac@cni.com.br

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