

Industrial capacity utilization rates, third quarter 2023

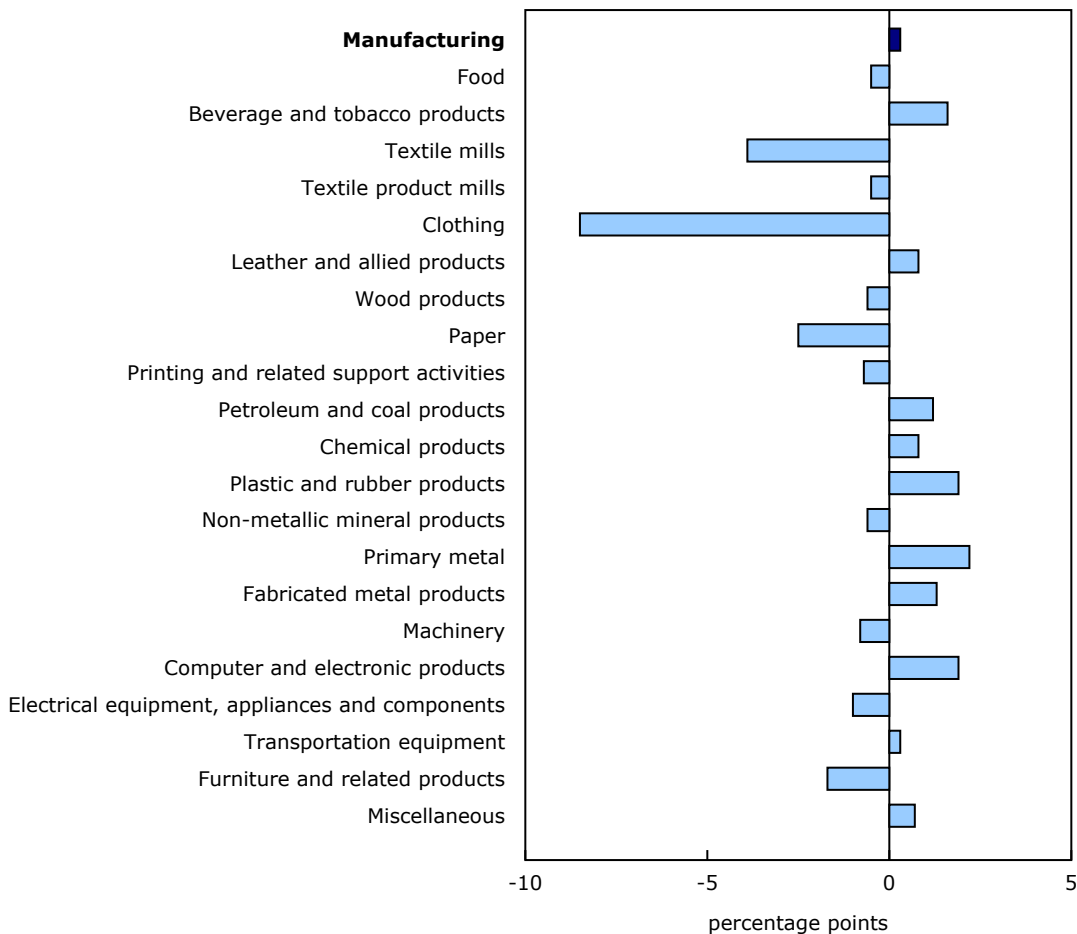
Released at 8:30 a.m. Eastern time in *The Daily*, Friday, December 8, 2023

Canadian industries operated at 79.7% of their production capacity in the third quarter, up slightly from 79.6% in the second quarter.

Capacity utilization in manufacturing edges up

The capacity utilization rate in the manufacturing sector edged up 0.3 percentage points to 78.3% in the third quarter. The increase was driven by the strength of primary metal manufacturing (+2.2 percentage points) and metal product manufacturing (+1.3 percentage points).

Chart 1
Variation by industry, in percentage points, third quarter of 2023 compared with second quarter of 2023

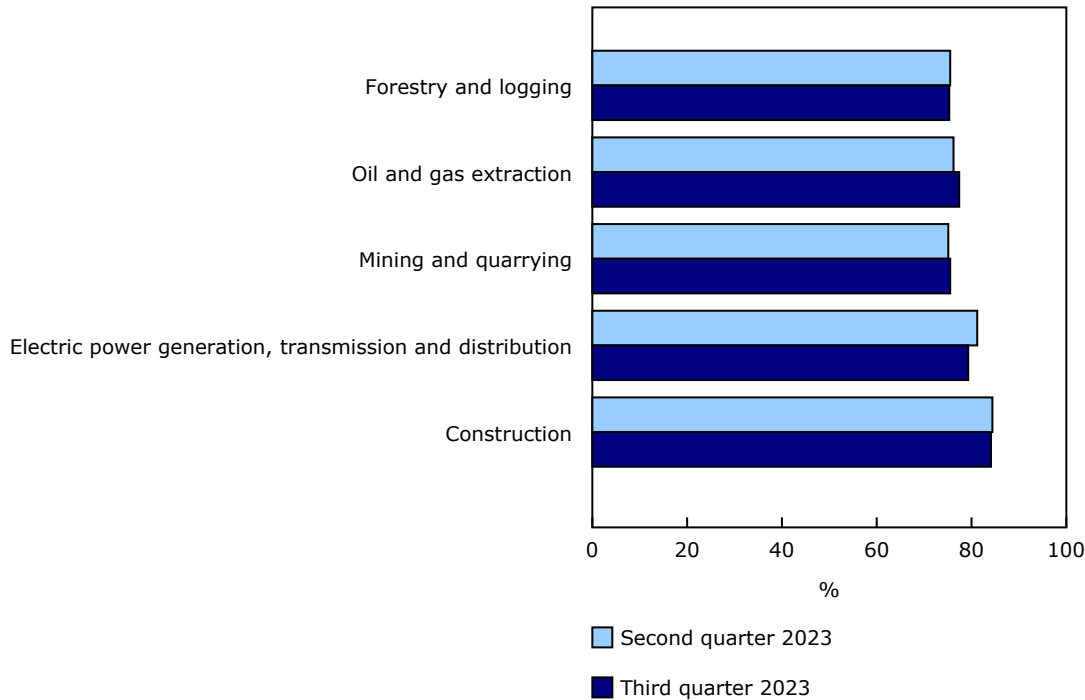


Source(s): Table 16-10-0109-01.

Mining, quarrying and oil and gas extraction increases

Capacity utilization in the mining, quarrying, and oil and gas extraction sector increased 0.9 percentage points to 76.7% in the third quarter. Following the slowdown in natural gas extraction due to the forest fires in the second quarter, increased activity was observed in oil and gas extraction (+2.1%).

Chart 2 Industrial capacity utilization in non-manufacturing industries



Source(s): Table 16-10-0109-01.

Conversely, capacity utilization in the electric power generation, transmission and distribution industry declined 1.9 percentage points to 79.3% in the third quarter. According to [Energy statistics](#), total electricity generation in Canada fell 11.6% year over year in August, attributable to drier conditions or droughts across a large area of the country.

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Note to readers

The **industrial capacity utilization rate** is the ratio of an industry's actual output to its estimated potential output.

This program covers all manufacturing industries, as well as forestry and logging; mining, quarrying, and oil and gas extraction; electric power generation, transmission and distribution; and construction.

For non-manufacturing industries, the quarterly pattern is derived from the output-to-capital ratio series, the output being the real gross domestic product at basic prices, seasonally adjusted, by industry.

In this release, the industrial capacity utilization rates from the Monthly Survey of Manufacturing were seasonally adjusted using X-12-ARIMA from the first quarter of 2017.

Data have been revised back to the first quarter of 1987 to account for revisions to the source data and new estimates from the statistical model. For example, the reference year in the source data has changed for volume and price estimates (2017=100).

Next release

Data on industrial capacity utilization rates for the fourth quarter of 2023 will be released on March 8, 2024.

Table 1
Industrial capacity utilization rates

	Third quarter 2022	Second quarter 2023	Third quarter 2023	Second quarter to third quarter 2023	Third quarter 2022 to third quarter 2023
	%			percentage point change	
Total industrial	80.3	79.6	79.7	0.1	-0.6
Forestry and logging	80.7	75.5	75.3	-0.2	-5.4
Mining, quarrying and oil and gas extraction	76.6	75.8	76.7	0.9	0.1
Oil and gas extraction	78.0	76.2	77.4	1.2	-0.6
Mining and quarrying	74.4	75.1	75.5	0.4	1.1
Electric power generation, transmission and distribution	84.0	81.2	79.3	-1.9	-4.7
Construction	87.1	84.4	84.1	-0.3	-3.0
Manufacturing	76.9	78.0	78.3	0.3	1.4
Food	79.8	79.8	79.3	-0.5	-0.5
Beverage and tobacco products	73.3	69.6	71.2	1.6	-2.1
Beverage	75.3	73.4	76.4	3.0	1.1
Tobacco	67.8	59.0	58.6	-0.4	-9.2
Textiles	77.6	76.0	74.0	-2.0	-3.6
Textile mills	81.3	80.6	76.7	-3.9	-4.6
Textile product mills	74.0	71.5	71.0	-0.5	-3.0
Clothing	82.8	85.0	76.5	-8.5	-6.3
Leather and allied products	74.3	77.1	77.9	0.8	3.6
Wood products	80.6	76.6	76.0	-0.6	-4.6
Paper	85.4	82.0	79.5	-2.5	-5.9
Printing and related support activities	77.9	76.6	75.9	-0.7	-2.0
Petroleum and coal products	85.8	86.1	87.3	1.2	1.5
Chemical products	74.5	74.3	75.1	0.8	0.6
Plastics and rubber products	69.6	66.9	68.8	1.9	-0.8
Plastic products	69.7	66.0	67.5	1.5	-2.2
Rubber products	69.3	71.9	75.9	4.0	6.6
Non-metallic mineral products	72.2	73.2	72.6	-0.6	0.4
Primary metal	73.7	73.4	75.6	2.2	1.9
Fabricated metal products	74.9	75.2	76.5	1.3	1.6
Machinery	78.6	80.6	79.8	-0.8	1.2
Computer and electronic products	78.9	79.7	81.6	1.9	2.7
Electrical equipment, appliances and components	84.2	82.5	81.5	-1.0	-2.7
Transportation equipment	74.2	85.6	85.9	0.3	11.7
Furniture and related products	80.6	79.4	77.7	-1.7	-2.9
Miscellaneous manufacturing	75.5	77.1	77.8	0.7	2.3

Source(s): Table [16-10-0109-01](#).

Available tables: table [16-10-0109-01](#).

Definitions, data sources and methods: survey number [2821](#).

The data visualization product "[Overview of the industrial capacity utilization rate: Interactive tool](#)," which is part of the *Statistics Canada — Data Visualization Products* series ([71-607-X](#)), is now available.

The [Economic accounts statistics](#) portal, accessible from the *Subjects* module of the Statistics Canada website, features an up-to-date portrait of national and provincial economies and their structure.

The *Latest Developments in the Canadian Economic Accounts* ([13-605-X](#)) is available.

The *User Guide: Canadian System of Macroeconomic Accounts* ([13-606-G](#)) is available.

The *Methodological Guide: Canadian System of Macroeconomic Accounts* ([13-607-X](#)) is available.

For more information, or to enquire about the concepts, methods or data quality of this release, contact us (toll-free 1-800-263-1136; 514-283-8300; infostats@statcan.gc.ca) or Media Relations (statcan.mediahotline-ligneinfomedias.statcan@statcan.gc.ca).