

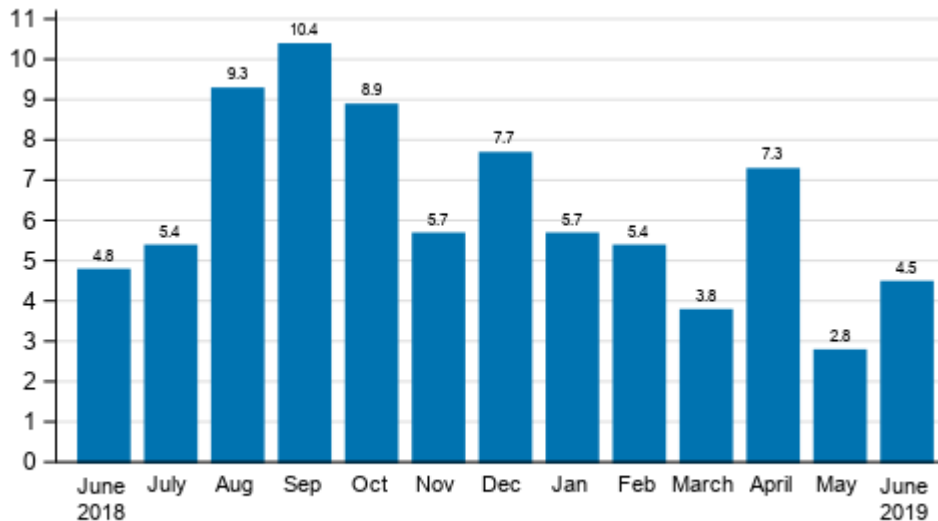
# Index of turnover in industry

2019, June

## Turnover in manufacturing grew by 4.5 per cent in June

According to Statistics Finland, working day adjusted turnover in manufacturing (TOL BCD) increased in June by 4.5 per cent from the previous year. Among the main manufacturing industries, the growth in working day adjusted turnover was strongest in the electrical and electronics industry, 33.3 per cent. Seasonally adjusted turnover in manufacturing (TOL BCD) also grew slightly, the growth was 0.4 per cent compared to May.

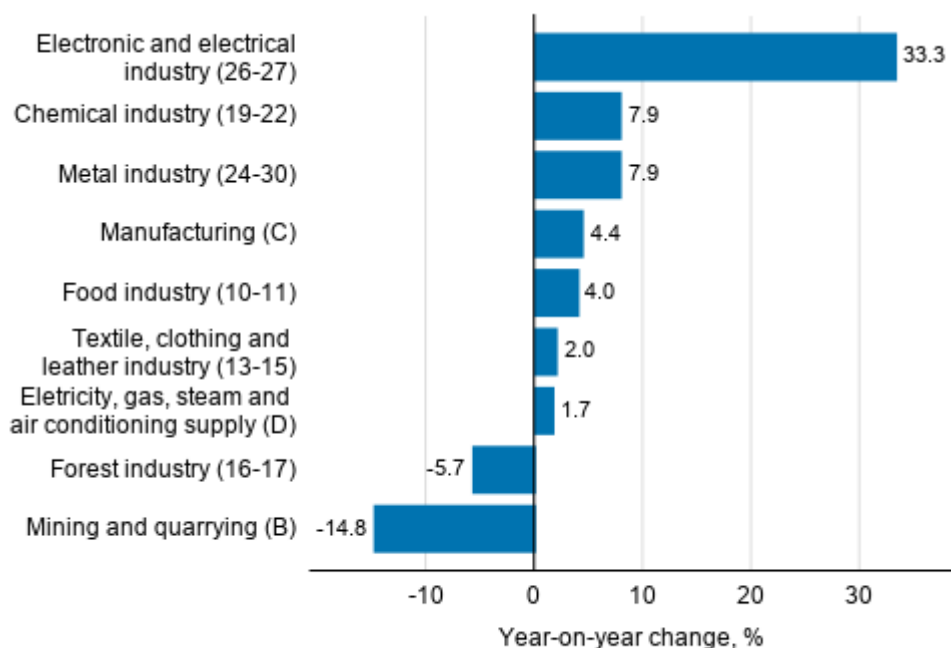
### Annual change in working day adjusted turnover in manufacturing (BCD), %, (TOL 2008)



Source: Statistics Finland

Among the main industries, turnover growth was slowest in June in electricity, gas, steam and air conditioning supply, 1.7 per cent, and in the textile, clothing and leather industry, 2.0 per cent. In contrast, turnover decreased in the industry of mining and quarrying, by 14.8 per cent, and in the forest industry, by 5.7 per cent, compared with the corresponding period of the year before.

**Annual change in working day adjusted turnover in manufacturing by industry, June 2019, %, (TOL 2008)**

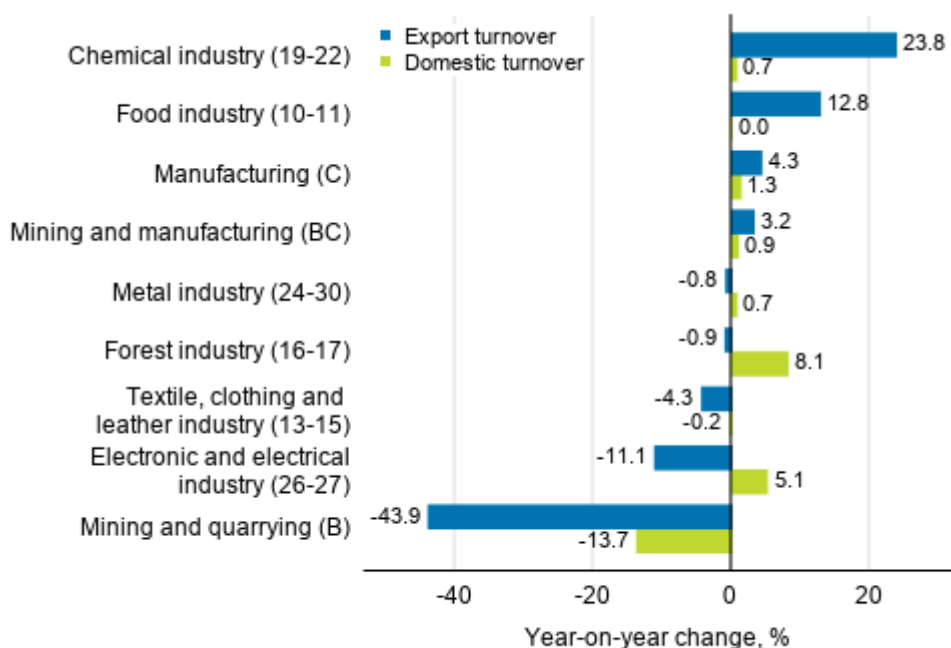


Source: Statistics Finland

**Export turnover started to decline in May in several main industries**

In May, export turnover grew most in the chemical industry, by 23.8 per cent, and in the food industry, by 12.8 per cent. Compared to the year before, less export turnover was accumulated in several main industries. Export turnover in the industry of mining and quarrying decreased most strongly, by as much as 43.9 per cent. In the electrical and electronics industry, export turnover decreased by 11.1 per cent and in the textile, clothing and leather industry by 4.3 per cent from the previous year.

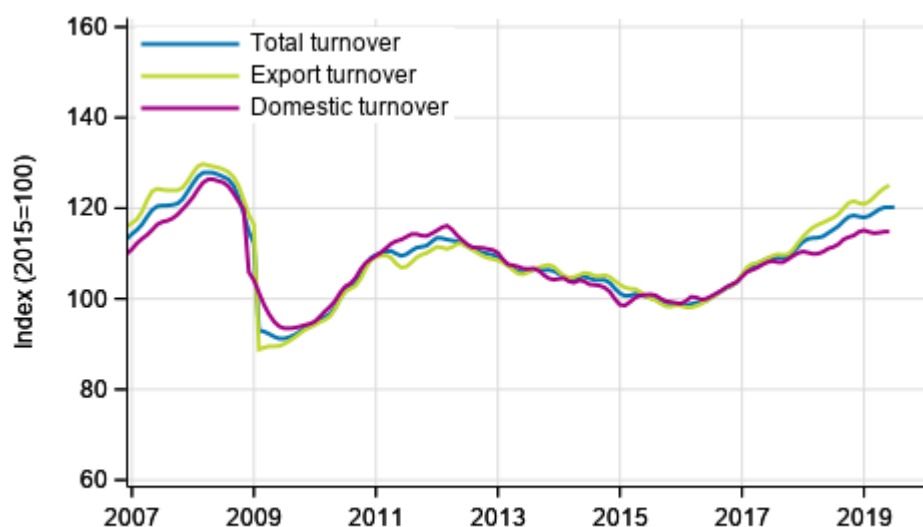
**Annual change in working day adjusted export turnover and domestic turnover in manufacturing by industry, May 2019, %, (TOL 2008)**



Source: Statistics Finland

In May, domestic turnover grew most in the forest industry, by 8.1 per cent, and in the electrical and electronics industry, by 5.1 per cent. By contrast, domestic turnover decreased from the previous year in the industry of mining and quarrying, by 13.7 per cent, and in the textile, clothing and leather industry, by 0.2 per cent.

**Trend series of turnover, export turnover and domestic turnover in manufacturing (BC), 01/2007 to 06/2019, %, (TOL 2008)**



Source: Statistics Finland

The index of turnover in industry describes enterprises whose main industry is manufacturing. The calculation of the indices is based on the Tax Administration’s self-assessed tax data which are supplemented with data obtained with Statistics Finland’s sales inquiry. The monthly turnovers of manufacturing

enterprises can vary considerably, especially in the metal industries. The variation is mainly due to invoicing practices. The final invoice for major machinery deliveries and projects may be recorded in the sales of one month, even if the delivery had required the work of several months or years.

The factors caused by the variation in the number of weekdays are taken into account in adjustment for working days. This means taking into consideration the lengths of months, different weekdays and holidays. In addition, seasonal variation is eliminated from seasonally adjusted series, on account of which it makes sense to compare observations of two successive months as well.

The data for the latest month are preliminary and they may become significantly revised particularly on more detailed industry levels in coming months.

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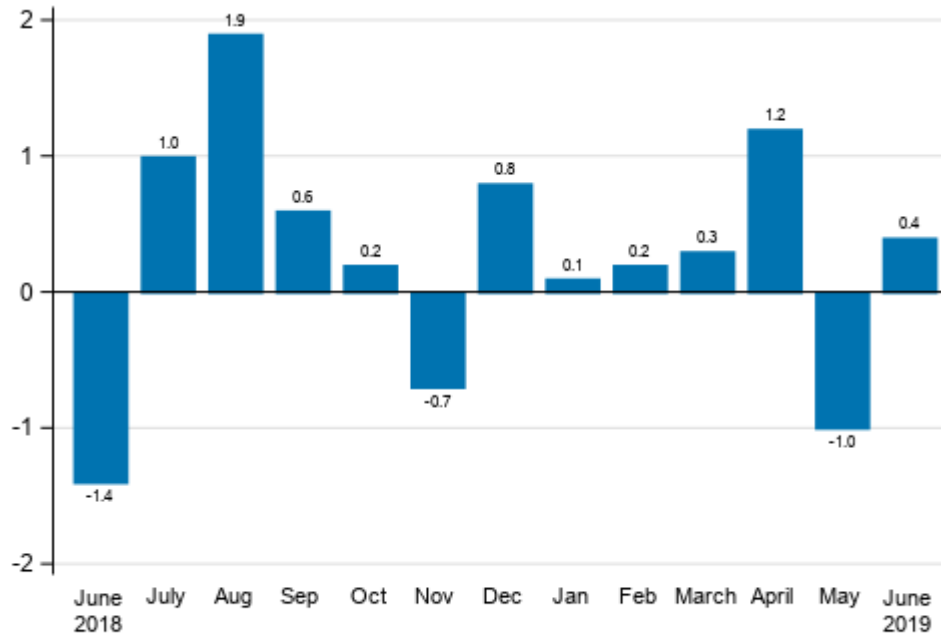
**Appendix table 1. Annual change of working-day adjusted turnover in industries of manufacturing, % (TOL 2008)**

	Year-on-year change by three-month period, % <sup>1)</sup>				Cumulative year-on-year change, % <sup>1)</sup>	Year-on-year change in the latest month, % <sup>1)</sup>
	07-09/2018	10-12/2018	01-03/2019	04-06/2019		
B Mining and quarrying	5.5	0.6	2.2	-13.3	-5.5	-14.8
C Manufacturing	7.6	5.3	5.5	4.7	5.1	4.4
D Electricity, gas, steam and air conditioning supply	14.8	15.4	6.3	5.5	6.0	1.7
E Water supply; sewerage, waste management and remediation act	5.8	3.9	0.8	3.2	2.0	1.7
10-11 Food industry	1.3	1.7	0.2	4.8	2.6	4.0
13-15 Textile, clothing and leather industry	-2.6	-0.5	0.0	0.0	0.0	2.0
16-17 Forest industry	7.7	6.9	5.7	-0.5	2.6	-5.7
19-22 Chemical industry	16.6	10.1	6.8	11.3	9.1	7.9
24-30 Metal industry	6.0	5.5	4.3	6.5	5.4	7.9
26-27 Electronic and electrical industry	9.3	3.1	8.5	15.7	12.1	33.3
13, 14, 17, 20, 21, 24-30 Manufacturing working on orders	6.9	6.7	5.0	5.3	5.1	5.9
B-D Total industry excl. Water supply; sewerage, waste management and remediation	8.4	7.4	4.9	4.8	4.9	4.5

1) Year-on-year change compares the value for an examined time period to the value for the corresponding time period twelve months back.

# Appendix figures

**Appendix figure 1. Change from the previous month in seasonally adjusted turnover in manufacturing (BCD), %, (TOL 2008)**



Source: Statistics Finland

## Revisions in these statistics

The data of the statistics have become revised according to the table below. For more information about data revisions, see Section 3 of the quality description (only in Finnish).

### Revisions to annual changes in the working-day adjusted turnover in main industries of manufacturing<sup>1)</sup>

Industry / Reference period		Year-on-year change, %		Revision, percentage point
		1st release	Latest release (2018-08-15)	
B Mining and quarrying	01/2019	12.4	12.7	0.3
	02/2019	1.8	-0.4	-2.2
	03/2019	1.2	-3.2	-4.4
	04/2019	6.5	1.0	-5.5
	05/2019	-15.1	-25.3	-10.2
C Manufacturing	01/2019	3.8	3.3	-0.5
	02/2019	5.5	5.8	0.3
	03/2019	6.7	7.2	0.5
	04/2019	6.1	6.7	0.6
	05/2019	2.9	3.1	0.2
D Electricity, gas, steam and air conditioning supply	01/2019	20.2	22.2	2.0
	02/2019	5.0	4.1	-0.9
	03/2019	-4.0	-6.1	-2.1
	04/2019	5.0	4.3	-0.7
	05/2019	12.8	10.9	-1.9
E Water supply; sewerage, waste management and remediation act	01/2019	1.8	2.8	1.0
	02/2019	0.6	-1.7	-2.3
	03/2019	0.9	1.3	0.4
	04/2019	7.4	6.5	-0.9
	05/2019	2.4	1.5	-0.9
10-11 Food industry	01/2019	0.9	0.9	0.0
	02/2019	0.9	0.7	-0.2
	03/2019	-0.3	-0.8	-0.5
	04/2019	7.5	9.7	2.2
	05/2019	0.6	0.9	0.3
13-15 Textile, clothing and leather industry	01/2019	1.6	3.6	2.0
	02/2019	-4.5	-4.7	-0.2
	03/2019	1.2	1.5	0.3
	04/2019	-1.2	0.1	1.3
	05/2019	-1.6	-1.9	-0.3
16-17 Forest industry	01/2019	2.9	3.5	0.6
	02/2019	8.0	8.0	0.0
	03/2019	6.0	5.8	-0.2
	04/2019	3.1	2.7	-0.4
	05/2019	1.9	1.9	0.0
19-22 Chemical industry	01/2019	1.5	1.3	-0.2
	02/2019	4.7	4.5	-0.2
	03/2019	13.1	13.9	0.8
	04/2019	11.7	11.4	-0.3
	05/2019	14.9	14.8	-0.1



Industry / Reference period		Year-on-year change, %		Revision, percentage point
		1st release	Latest release (2018-08-15)	
24-30 Metal industry	01/2019	5.7	4.8	-0.9
	02/2019	5.8	6.5	0.7
	03/2019	1.4	2.3	0.9
	04/2019	10.8	12.3	1.5
	05/2019	-0.7	-0.4	0.3
26-27 Electronic and electrical industry	01/2019	14.1	13.8	-0.3
	02/2019	14.4	14.2	-0.2
	03/2019	0.3	0.5	0.2
	04/2019	19.8	20.7	0.9
	05/2019	-9.8	-8.4	1.4
13, 14, 17, 20, 21, 24-30 Manufacturing (new orders)	01/2019	4.4	3.8	-0.6
	02/2019	5.9	6.2	0.3
	03/2019	4.2	5.1	0.9
	04/2019	8.4	9.2	0.8
	05/2019	0.8	1.0	0.2
B-D Total industry excl. Water supply; sewerage, waste management and remediation	01/2019	6.2	5.7	-0.5
	02/2019	5.3	5.4	0.1
	03/2019	3.6	3.8	0.2
	04/2019	7.0	7.3	0.3
	05/2019	3.0	2.8	-0.2

1) The 1st release refers to the time when data for the reference period were released for the first time. The revision describes the difference of annual change percentages between the first and latest release.

## Revisions to long-term annual changes in turnover in sectors of manufacturing

Industry	Year	Average <sup>1)</sup>	Average for absolute values <sup>2)</sup>
B Mining and quarrying	2015	-0.1	1.1
	2016	-0.1	0.8
	2017	-0.1	0.6
C Manufacturing	2015	0.1	0.3
	2016	0.1	0.3
	2017	-0.1	0.4
D Electricity, gas, steam and air conditioning supply	2015	-0.1	0.7
	2016	-0.3	0.9
	2017	-0.2	0.4
E Water supply; sewerage, waste management and remediation act	2015	-0.2	0.7
	2016	-0.5	0.6
	2017	-0.8	0.9
10-11 Food industry	2015	-0.6	0.7
	2016	-0.1	0.2
	2017	0.0	0.2
13-15 Textile, clothing and leather industry	2015	0.7	1.2
	2016	-1.8	2.1
	2017	-0.3	0.9
16-17 Forest industry	2015	0.0	0.1
	2016	0.5	0.5
	2017	0.0	0.2
19-22 Chemical industry	2015	0.0	0.1
	2016	0.1	0.4
	2017	-0.1	0.2
24-30 Metal industry	2015	0.3	0.6
	2016	0.1	0.4
	2017	-0.2	0.8
26-27 Electronic and electrical industry	2015	1.1	1.3
	2016	-0.2	0.3
	2017	0.4	2.3
13, 14, 17, 20, 21, 24-30 Manufacturing (new orders)	2015	0.2	0.4
	2016	0.1	0.4
	2017	-0.1	0.6

1) In 2015 the average was calculated from data revised between the first and seventh release months in the statistical reference year. The average for 2016 and 2017 was calculated upon completion of the data for the first and last release months in the statistical reference year, when the official structural business and financial statement statistics are also published. The data were calculated from annual changes in the original index series.

2) In 2015 the average was calculated from the absolute values of differences between the first and seventh release months. The average for 2016 and 2017 was calculated from the absolute values of differences between the first and last release months in the statistical reference year, when the official structural business and financial statement statistics are also published. The data were calculated from annual changes in the original index series.

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Source: Index of turnover in industry 2019, June, Statistics Finland