

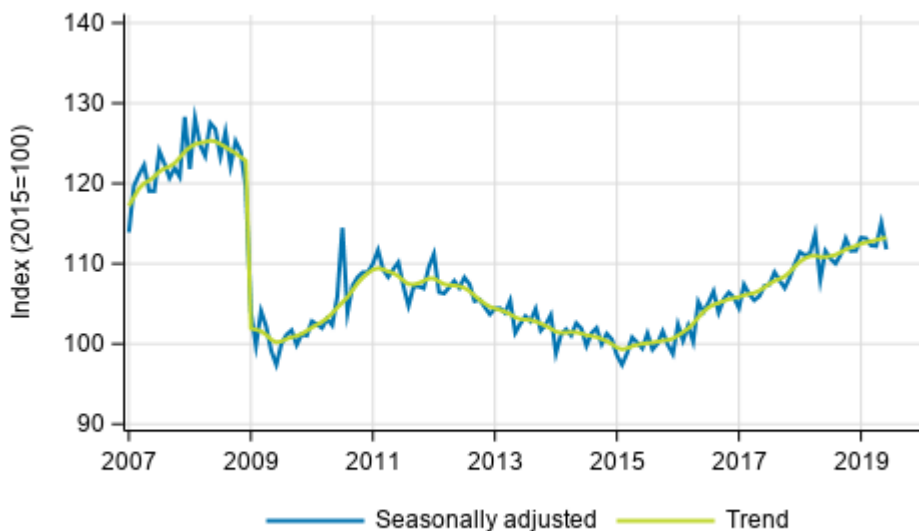
# Volume index of industrial output

2019, May

## Industrial output decreased in May both year-on-year and from the month before

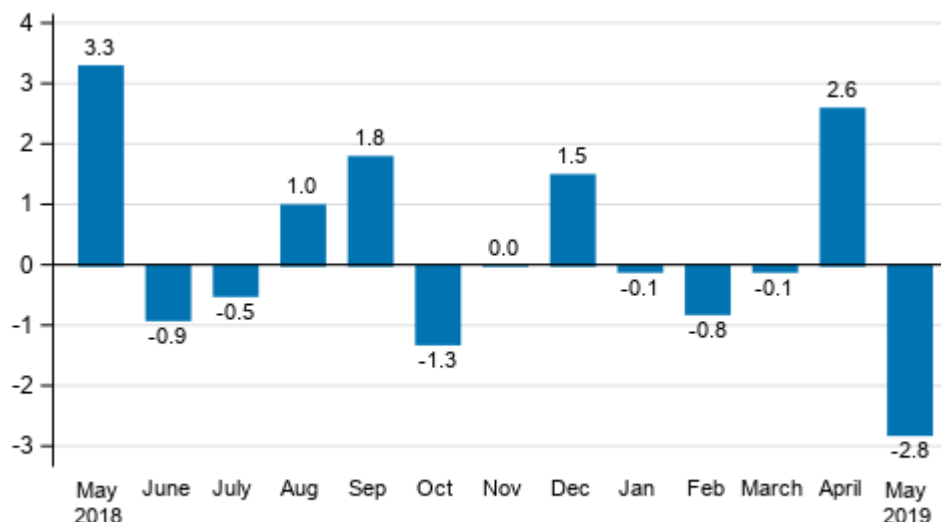
Seasonally adjusted industrial output (TOL BCD) fell by 2.8 per cent in May from the month before. According to Statistics Finland, industrial output adjusted for working days was 0.3 per cent lower in May 2019 than in May 2018. During January to May, working day adjusted output went up by 1.6 per cent from the year before.

### Trend and seasonally adjusted series of industrial output (BCD), 2007/01 to 2019/05



Source: Statistics Finland

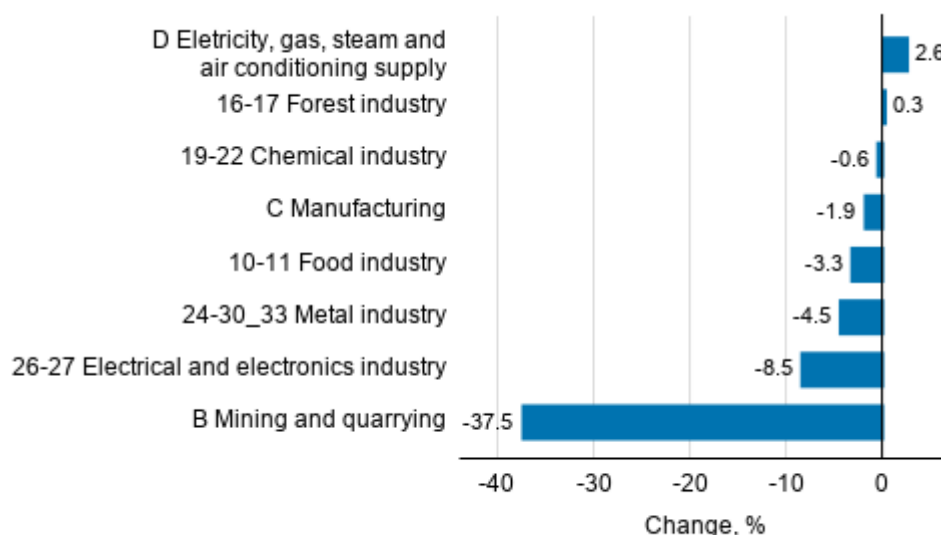
**Seasonally adjusted change in industrial output (BCD) from previous month, %, TOL 2008**



Source: Statistics Finland

Examined by main industry, seasonally adjusted industrial output decreased most in May in mining and quarrying, by as much as 37.5 per cent due to several shutdowns. Output in the electrical and electronics industry fell by 8.5 per cent compared with the previous month, by 4.5 per cent in the metal industry, and by 0.6 per cent in the chemical industry. In May, output increased most in electricity, gas steam and air conditioning supply, by 2.6 per cent and in the forest industry, by 0.3 per cent.

**Seasonal adjusted change in industrial output by industry, 4/2019 to 5/2019, %, TOL 2008**



Source: Statistics Finland

Revised data for May 2019 will be published at 8 am on 9 August 2019 in connection with the release of industrial output data for June 2019. The revision is influenced by the estimation used in the latest release, which is based on the Tax Administration's data on self-assessed taxes used for enterprises with fewer than 50 employees. Because of the method used, seasonally adjusted figures for previous months may

change even if the original figures do not become revised. The seasonally adjusted figures will also be adjusted for working days.

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## Industrial output decreased by 0.3 per cent year-on-year in May

According to Statistics Finland, output of total industries (BCD) adjusted for working days was 0.3 per cent lower in May 2019 than in May 2018. Seasonally adjusted output fell by 2.8 per cent in May from April.

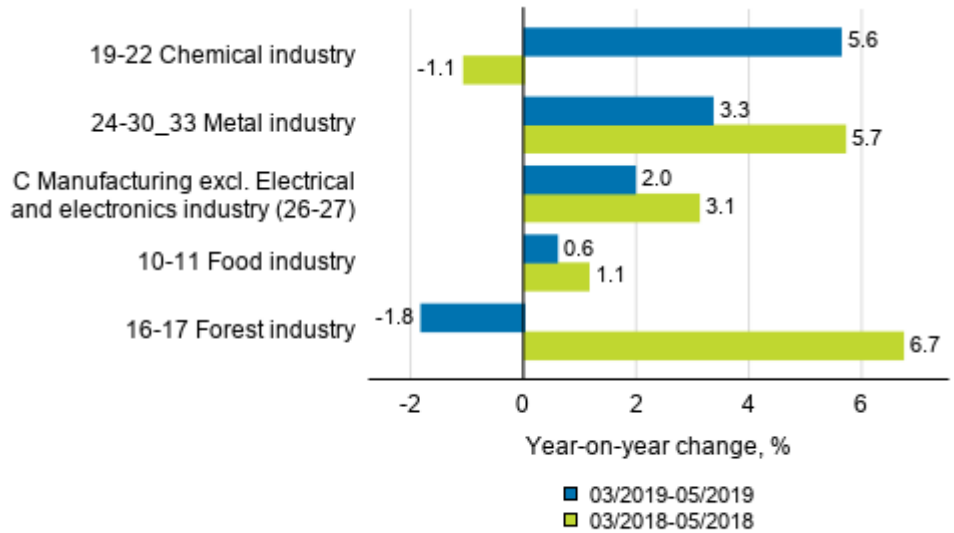
Adjusted for working days, industrial output (C) was 0.2 per cent higher in May 2019 than in May 2018. Seasonally adjusted output fell by 1.9 per cent in May from April.

**Table 1. Volume index of industrial output, value added, original, working day adjusted, seasonally adjusted change percentage**

	Value added share	Original change percentage, 2019 MAY / 2018 MAY	Working day adj. change percentage, 2019 MAY / 2018 MAY	Seasonal adj. change percentage, 2019 MAY / 2019 APR
Industry (Tot 2008)				
B Mining and quarrying	2,4	-48,0	-48,0	-37,5
BCD Total industries	100,0	-0,3	-0,3	-2,8
C Manufacturing	86,7	0,2	0,2	-1,9
10 Manufacture of food products	6,2	-0,2	-0,2	-2,6
10-11 Food industry	7,2	-1,1	-1,1	-3,3
11 Manufacture of beverages	1,1	-6,1	-6,1	-8,1
13 Manufacture of textiles	0,6	1,0	1,0	1,7
13-15 Textile, clothing and leather industry	1,1	0,1	0,2	-2,5
14 Manufacture of wearing apparel	0,4	-2,9	-2,9	-1,0
15 Manufacture of leather and related products	0,2	3,1	3,2	-2,5
16 Manufacture of wood and of products of wood and cork, except furniture: Manufacture of articles of straw and plaiting materials	3,5	1,1	1,1	-0,9
16-17 Forest industry	13,3	0,0	0,0	0,3
17 Manufacture of paper and paper products	9,7	-0,5	-0,5	0,9
18 Printing and reproduction of recorded media	1,2	-2,0	-2,0	-0,3
19-22 Chemical industry	15,7	4,8	4,8	-0,6
23 Manufacture of other non-metallic mineral products	3,1	-3,4	-3,4	0,5
24 Manufacture of basic metals	5,3	-4,7	-4,8	-0,4
24-30_33 Metal industry	43,4	-0,9	-0,9	-4,5
25 Manufacture of fabricated metal products, except machinery and equipment	8,2	-0,7	-0,7	-5,8
26-27 Electrical and electronics industry	13,1	-5,1	-5,1	-8,5
28 Manufacture of machinery and equipment n.e. .	10,4	4,8	4,8	-1,1
29-30 Manufacture of transport equipment	2,8	6,6	6,6	-12,0
31 Manufacture of furniture	1,0	4,0	4,0	2,4
32 Other manufacturing	0,7	-1,0	-1,0	-0,4
33 Repair and installation of machinery and equipment	3,7	-3,5	-3,5	-5,9
C Manufacturing excl. Electrical and electronics industry (26-27)	73,6	1,2	1,2	-1,8
D Electricity, gas, steam and air conditioning supply	10,9	10,8	10,8	2,6
Investment goods	28,8	0,2	0,2	-6,5
Durable goods	1,3	1,4	1,4	1,9
Raw materials and productive goods	42,2	-2,1	-2,1	-1,4
Other consumer goods	13,1	3,0	3,0	-3,0

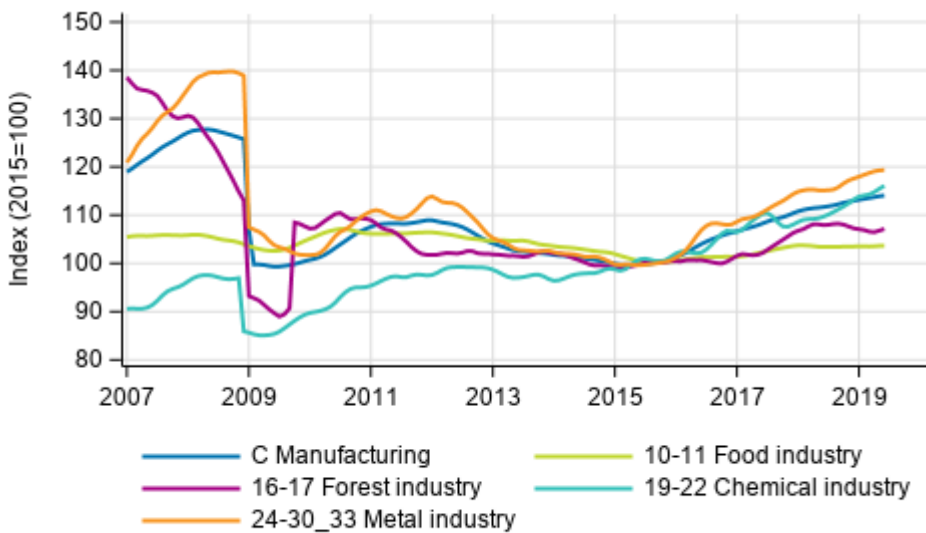
# Appendix figures

**Appendix figure 1. Three months' year-on-year change in manufacturing (C) sub-industries adjusted for working days (TOL 2008)**



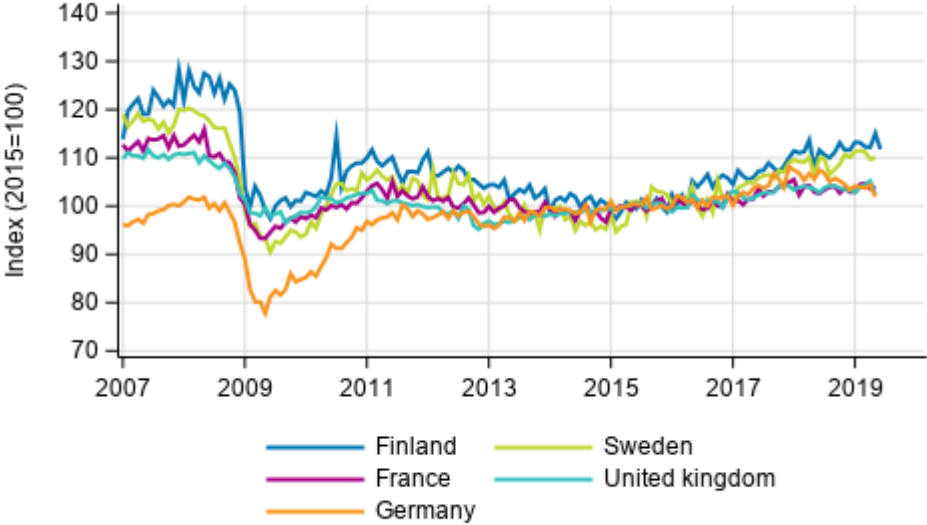
Source: Statistics Finland

**Appendix figure 2. Trend series of manufacturing sub-industries, 2007/01 to 2019/05, TOL 2008**



Source: Statistics Finland

**Appendix figure 3. Seasonally adjusted industrial output Finland, Germany, Sweden, France and United Kingdom (BCD) 2007 to 2019, TOL 2008**



Source: Statistics Finland



# Revisions in these statistics

## Revisions to data on annual changes in main industries

Main industries and Statistical reference month		Annual change (%)		Revision (%-point)
		1st release	Latest release (10.7.2019 )	
B Mining and quarrying	01/2019	18,4	17,6	-0,8
	02/2019	14,8	12,8	-2,0
	03/2019	10,2	9,2	-1,0
	04/2019	14,8	14,8	0,0
BCD Total industries	01/2019	2,6	2,3	-0,3
	02/2019	0,7	0,8	0,1
	03/2019	-0,4	-0,5	-0,1
	04/2019	5,7	6,2	0,5
C Manufacturing	01/2019	1,7	1,3	-0,4
	02/2019	1,4	1,7	0,3
	03/2019	0,3	0,4	0,1
	04/2019	5,6	6,3	0,7
D Electricity, gas, steam and air conditioning supply	01/2019	5,7	5,6	-0,1
	02/2019	-5,6	-6,6	-1,0
	03/2019	-6,7	-7,6	-0,9
	04/2019	3,6	3,4	-0,2

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Source: Volume Index of Industrial Output 2019, May. Statistics Finland