

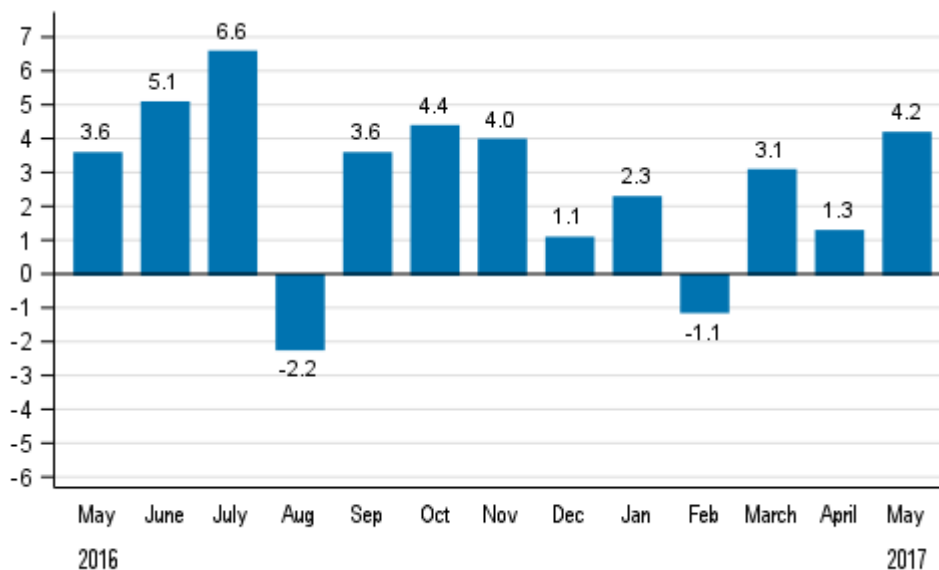
# Volume index of industrial output

2017, May

## Industrial output grew by 4.2 per cent in May year-on year

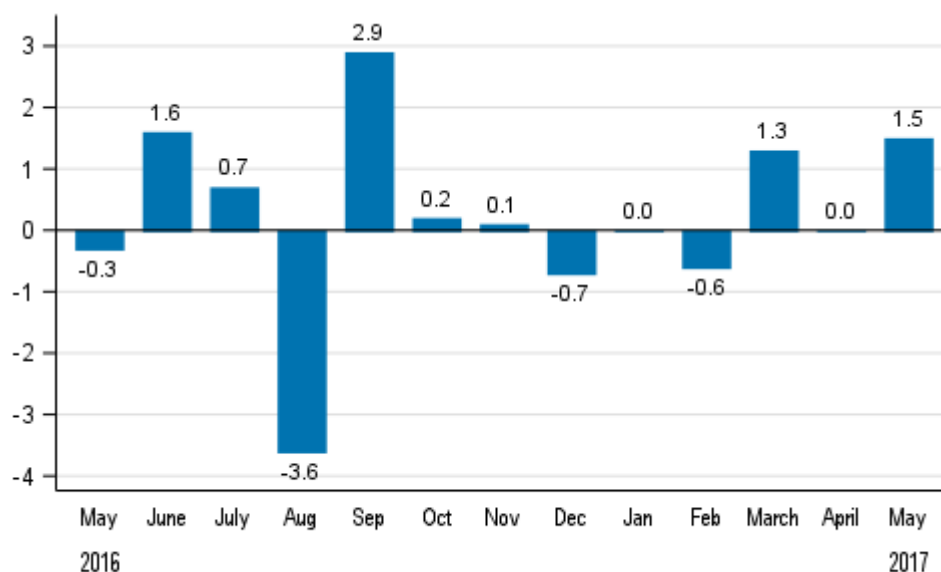
According to Statistics Finland, output of total industries adjusted for working days was 4.2 per cent higher in May 2017 than in May 2016. This year's May had one working day more than last year. Original output grew by 4.7 per cent in May from one year back. During January to May, working day adjusted output went up by 2.1 per cent from the year before.

### Working day adjusted change in total industrial output (BCDE) from corresponding month previous year, %, TOL 2008



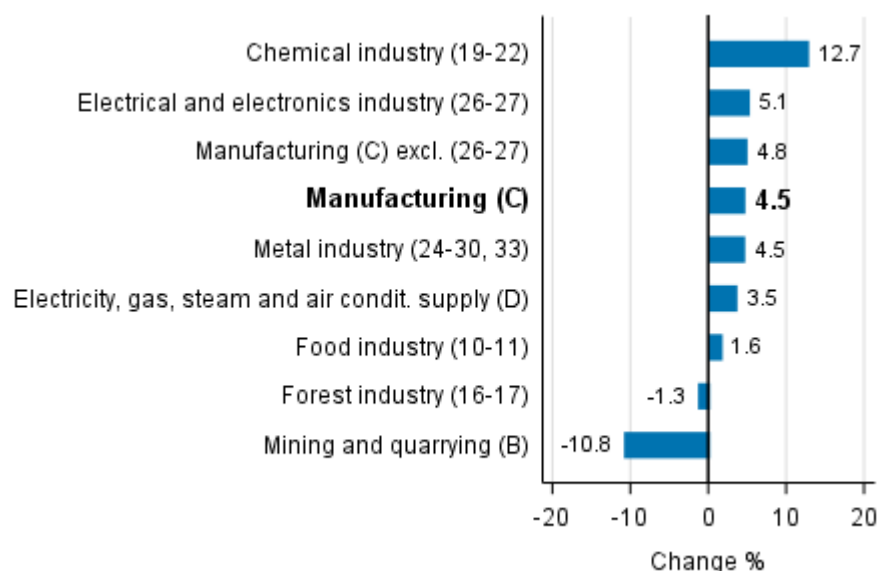
In May, seasonally adjusted output went up by 1.5 per cent from the month before. In April, production was at the same level as in March. In March output went up by 1.3 per cent from February.

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



In May, output grew in several main industries. Output increased most, by 12.7 per cent, in the chemical industry. Output in the electrical and electronics industry grew by 5.1 per cent year-on-year. In the metal industry, output grew by 4.5 per cent. Output declined most, by 10.8 per cent, in mining and quarrying.

**Working day adjusted change in industrial output by industry 5/2016-5/2017, %, TOL 2008**



In May, capacity utilisation rate in manufacturing (C) was 84.3 per cent, or 0.7 per cent higher than one year earlier. In the forest industry, capacity utilisation rate was 88.8 per cent in May, or 1.4 percentage points lower than in May 2016. In the metal industry, capacity utilisation rate was 85.7 per cent in May, which was 1.4 per cent higher than one year earlier.

Revised data for May 2017 will be published at 9 am on 10 August 2017 in connection with the release of industrial output data for June 2017. The revision is influenced by the estimation used in the latest

release, which concerns the periodic tax return data 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 grew by 4.2 per cent in May year-on year

According to Statistics Finland, output of total industries adjusted for working days was 4.2 per cent higher in May 2017 than in May 2016. Seasonally adjusted output grew by 1.5 per cent in May from April.

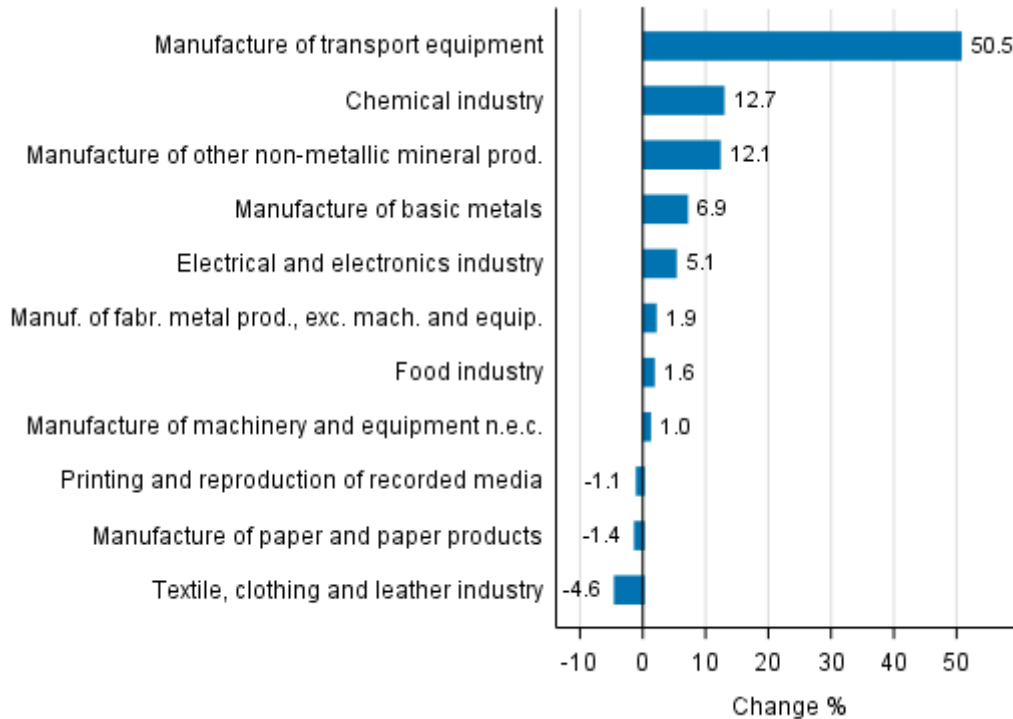
Adjusted for working days, industrial output (C) grew by 4.5 per cent in May from one year back. Seasonally adjusted output grew by 1.2 per cent in May from April.

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

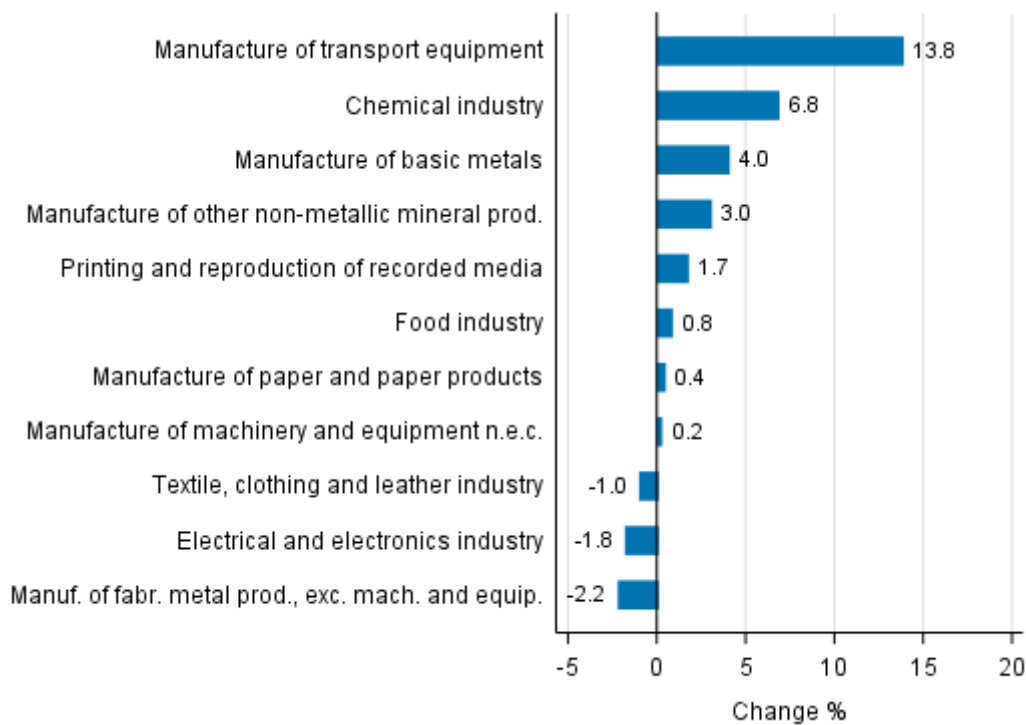
	Value added share	Original change percentage, 2017 MAY / 2016 MAY	Working day adj. change percentage, 2017 MAY / 2016 MAY	Seasonal adj. change percentage, 2017 MAY / 2017 APR
Industry (Tol 2008)				
Total industries	100,0	4,7	4,2	1,5
B Mining and quarrying	1,5	-10,8	-10,8	10,6
C Manufacturing	84,3	5,3	4,5	1,2
10 Manufacture of food products	6,9	1,7	1,1	0,9
11 Manufacture of beverages	1,1	5,4	4,2	-1,1
13 Manufacture of textiles	0,6	-0,2	-1,2	0,6
14 Manufacture of wearing apparel	0,4	-26,4	-25,4	-4,0
15 Manufacture of leather and related products	0,2	11,8	11,8	7,1
16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3,6	-1,0	-1,2	-1,8
17 Manufacture of paper and paper products	9,8	-1,4	-1,4	0,4
18 Printing and reproduction of recorded media	1,5	-1,0	-1,1	1,7
23 Manufacture of other non-metallic mineral products	2,9	12,2	12,1	3,0
24 Manufacture of basic metals	4,2	8,6	6,9	4,0
25 Manufacture of fabricated metal products, except machinery and equipment	7,7	2,5	1,9	-2,2
28 Manufacture of machinery and equipment n.e.c.	10,9	3,5	1,0	0,2
31 Manufacture of furniture	1,0	2,4	2,4	-5,5
32 Other manufacturing	0,7	-8,6	-8,6	2,9
33 Repair and installation of machinery and equipment	3,9	-9,4	-9,4	-3,5
D Electricity, gas, steam and air conditioning supply	10,7	3,5	3,5	4,3
E Water supply; sewerage, waste management and remediation activities	3,5	-1,3	-1,3	0,2
36 Water collection, treatment and supply	1,1	-1,5	-1,5	2,6
Main industrial groupings:				
Raw materials and productive goods	40,7	2,9	2,6	1,8
Investment goods	28,1	6,3	6,3	0,8
Durable goods	1,3	0,2	-0,1	-4,0
Other consumer goods	13,9	9,3	8,5	2,7
Special indices:				
10-11 Food industry	7,9	2,3	1,6	0,8
13-15 Textile, clothing and leather industry	1,2	-5,0	-4,6	-1,0
16-17 Forest industry	13,5	-1,3	-1,3	-0,3
19-22 Chemical industry	13,7	12,7	12,7	6,8
24-30 Metal industry	38,1	7,7	6,2	0,7
26-27 Electrical and electronics industry	12,6	5,1	5,1	-1,8
25,28-30,33 Machinery and metal product industry	25,2	6,1	4,5	0,9
29-30 Manufacture of transport equipment	2,7	50,5	50,5	13,8

# Appendix figures

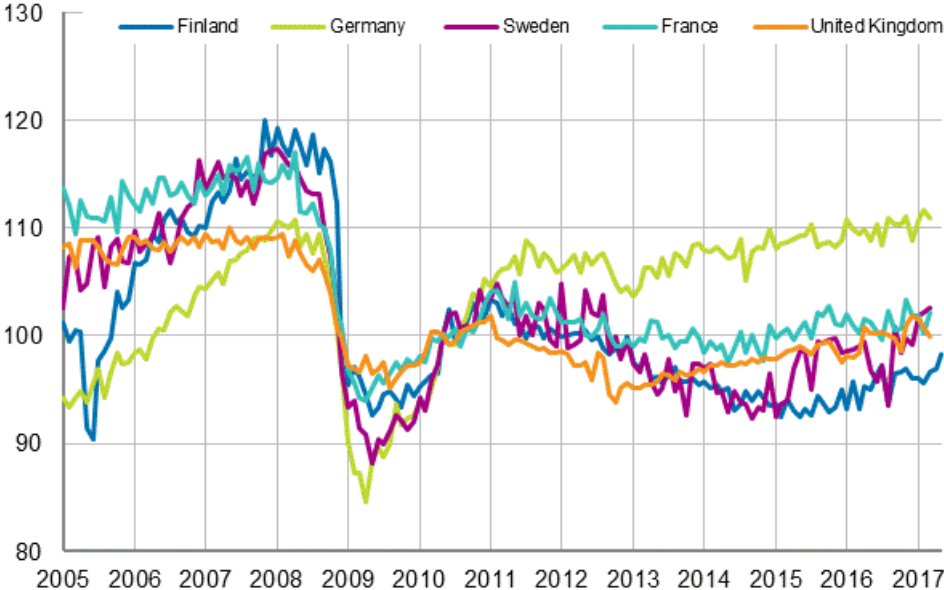
**Appendix figure 1. Working day adjusted change percentage of industrial output May 2016 /May 2017, TOL 2008**



**Appendix figure 2. Seasonally adjusted change percentage of industrial output April 2017 /May 2017, TOL 2008**



**Appendix figure 3. Seasonally adjusted industrial output Finland, Germany, Sweden, France and United Kingdom (BCD) 2005 - 2017, 2010=100, TOL 2008**





## Revisions in these statistics

The data of the original series of industrial output 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 data on annual changes in main industries

Main industries and Statistical reference month		Annual change (%)		Revision (%-point)
		1st release (%)	Latest release (10.07.2017) (%)	
BCDE Total industry	2016 / 12	-0,8	-1,0	-0,2
	2017 / 01	4,2	6,7	2,5
	2017 / 02	-0,2	-1,2	-1,0
	2017 / 03	6,5	7,2	0,7
	2017 / 04	-3,3	-5,1	-1,8
C Manufacturing	2016 / 12	-0,8	-1,2	-0,4
	2017 / 01	5,8	8,7	2,9
	2017 / 02	0,5	-0,8	-1,3
	2017 / 03	7,2	7,9	0,7
	2017 / 04	-3,1	-5,2	-2,1
D Electricity, gas, steam and air conditioning supply	2016 / 12	-0,5	-0,5	0,0
	2017 / 01	-7,8	-7,8	0,0
	2017 / 02	-4,3	-4,3	0,0
	2017 / 03	0,1	0,1	0,0
	2017 / 04	-5,6	-5,6	0,0
10-11 Food industry	2016 / 12	-1,6	-2,4	-0,8
	2017 / 01	5,1	5,5	0,4
	2017 / 02	-1,3	-1,0	0,3
	2017 / 03	4,6	3,6	-1,0
	2017 / 04	-8,0	-8,3	-0,3
16-17 Forest industry	2016 / 12	1,5	0,5	-1,0
	2017 / 01	2,0	3,0	1,0
	2017 / 02	-4,6	-4,2	0,4
	2017 / 03	3,6	3,5	-0,1
	2017 / 04	-2,5	-4,2	-1,7
19-22 Chemical industry	2016 / 12	-5,3	-3,4	1,9
	2017 / 01	3,9	5,6	1,7
	2017 / 02	7,0	7,0	0,0
	2017 / 03	10,7	12,7	2,0
	2017 / 04	-5,6	-6,6	-1,0
24-30, 33 Metal industry	2016 / 12	-1,0	-1,5	-0,5
	2017 / 01	7,8	12,1	4,3
	2017 / 02	-0,4	-2,4	-2,0
	2017 / 03	7,5	7,8	0,3
	2017 / 04	-1,2	-3,7	-2,5
26-27 Electrical and electronics industry	2016 / 12	-8,5	-10,3	-1,8
	2017 / 01	16,9	20,8	3,9
	2017 / 02	0,1	-0,1	-0,2
	2017 / 03	2,9	4,0	1,1
	2017 / 04	-1,3	-0,8	0,5

Main industries and Statistical reference month		Annual change (%)		Revision (%-point)
		1st release (%)	Latest release (10.07.2017) (%)	
Manufacturing excl. electrical and electronics industry	2016 / 12	0,6	0,8	0,2
	2017 / 01	3,9	6,8	2,9
	2017 / 02	0,5	-0,9	-1,4
	2017 / 03	8,0	8,6	0,6
	2017 / 04	-3,4	-5,9	-2,5

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Source: Volume Index of Industrial Output 2017, May. Statistics Finland