

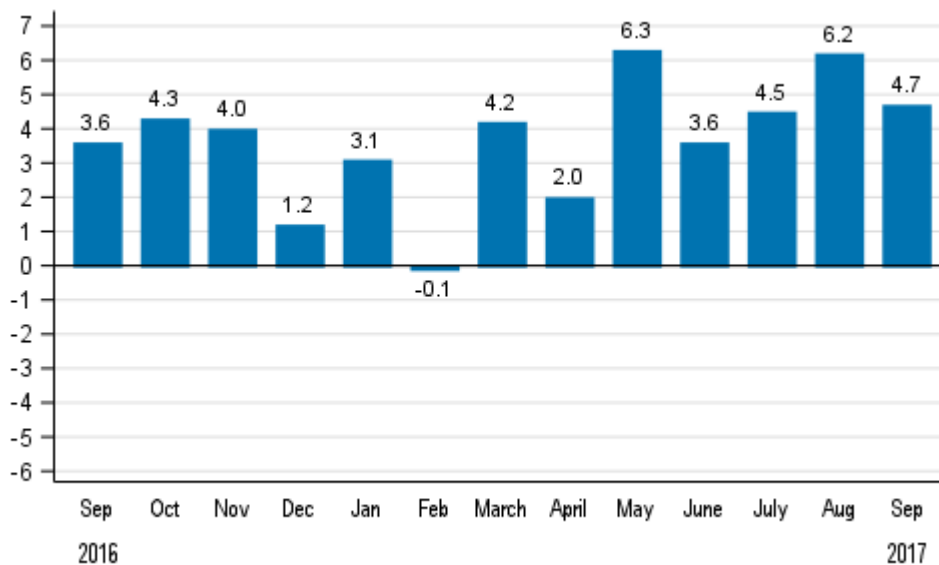
Volume index of industrial output

2017, September

Industrial output grew by 4.7 per cent year-on year in September

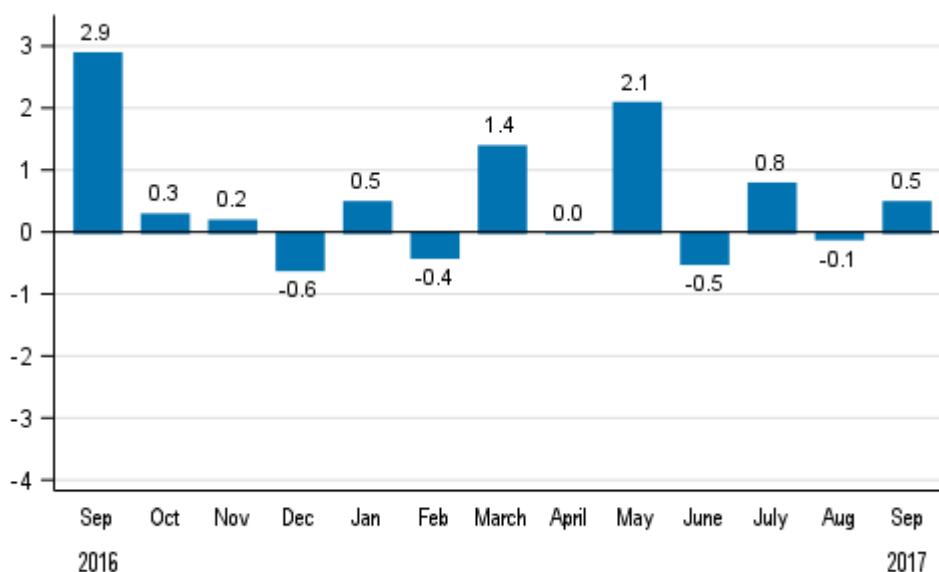
According to Statistics Finland, output of total industries adjusted for working days was 4.7 per cent higher in September 2017 compared to September 2016. Adjusted for working days, industrial output went up by 3.9 per cent in January to September from one year back.

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



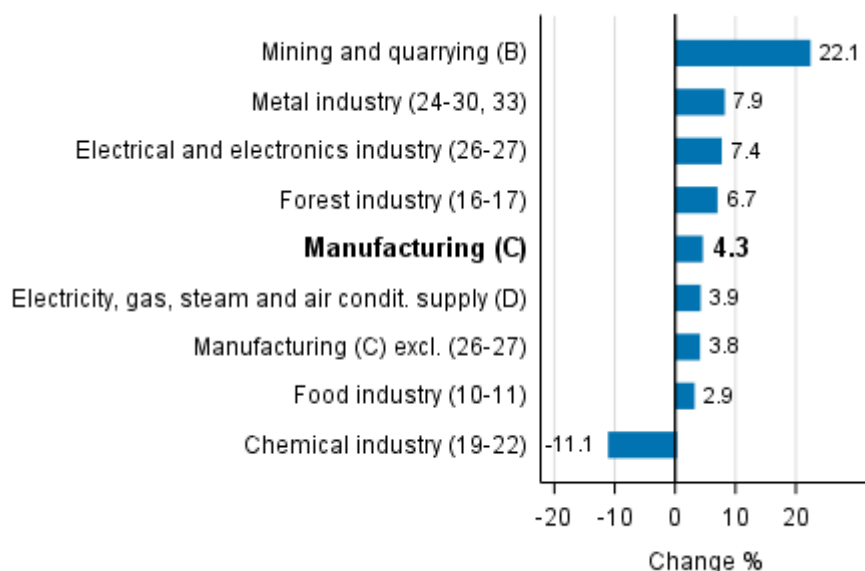
Seasonally adjusted output went up by 0.5 per cent in September from the month before. In August, seasonally adjusted output declined by 0.1 per cent from July. In July, seasonally adjusted output grew by 0.8 per cent from June.

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



In September, output grew in several main industries. Output increased most, by 22.1 per cent, in mining and quarrying. In the metal industry, output increased by 7.9 per cent. Output in forest industry went up by 6.7 per cent from one year ago and in the food industry by 2.9 per cent year-on-year. Output declined most, by 11.1 per cent, in the chemical industry.

Working day adjusted change in industrial output by industry 9/2016-9/2017, %, TOL 2008



In September, capacity utilisation rate in manufacturing (C) was 83.6 per cent, or 0.2 percentage points higher than one year earlier. Capacity utilisation rate in the forest industry was 86.7 per cent in September, which was 3.3 percentage points more than one year before. In the metal industry, capacity utilisation rate was 85.7 per cent in September, which was 0.3 percentage points higher than one year earlier.

Revised data for September 2017 will be published at 9 am on 8 December 2017 in connection with the release of industrial output data for October 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 4.7 per cent year-on year in September

According to Statistics Finland, output of total industries adjusted for working days was 4.7 per cent higher in September 2017 compared to September 2016. Seasonally adjusted output grew by 0.5 per cent in September compared to August.

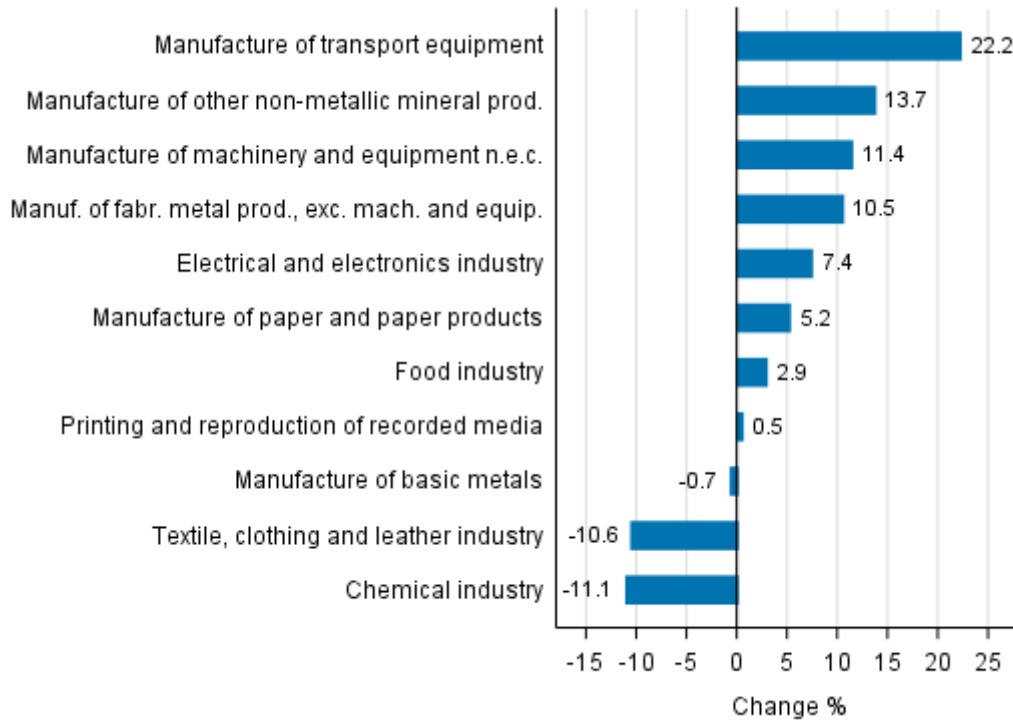
Adjusted for working days, industrial output (C) went up by 4.3 per cent in September from one year back. Seasonally adjusted output fell by 0.4 per cent in September compared to August.

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

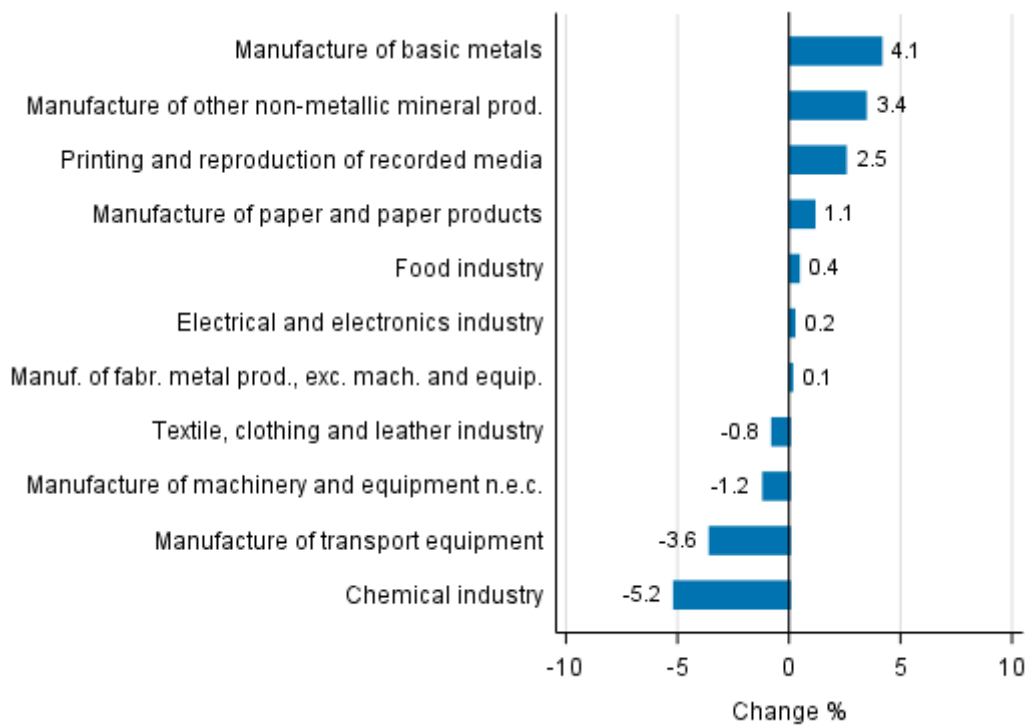
	Value added share	Original change percentage, 2017 SEP / 2016 SEP	Working day adj. change percentage, 2017 SEP / 2016 SEP	Seasonal adj. change percentage, 2017 SEP / 2017 AUG
Industry (Tol 2008)				
Total industries	100,0	2,5	4,7	0,5
B Mining and quarrying	1,5	22,1	22,1	24,7
C Manufacturing	84,3	2,0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

Appendix figures

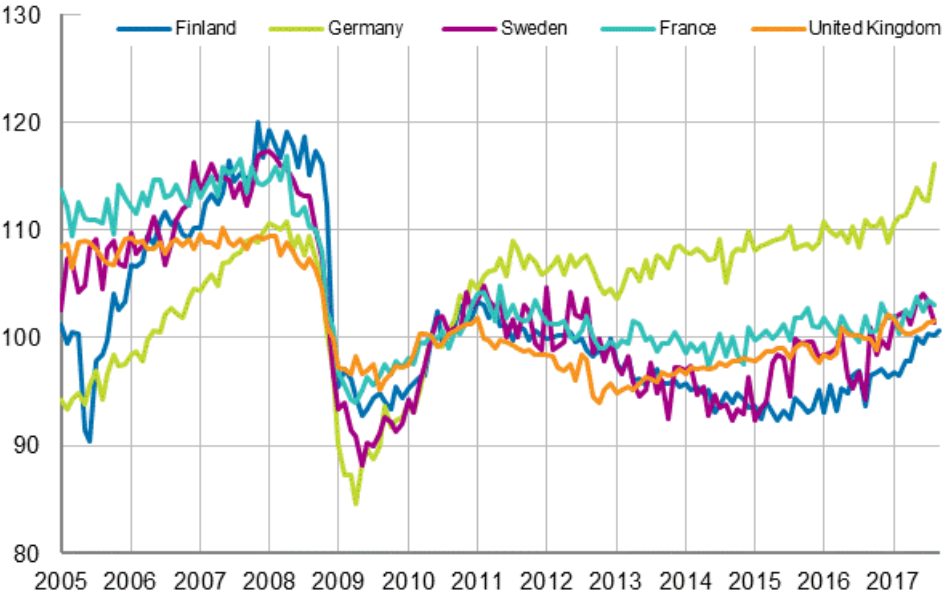
Appendix figure 1. Working day adjusted change percentage of industrial output September 2016 /September 2017, TOL 2008



Appendix figure 2. Seasonally adjusted change percentage of industrial output August 2017 /September 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 (10.11.2017) (%)	
BCDE Total industry	2017 / 04	-3,3	-4,6	-1,3
	2017 / 05	4,7	6,8	2,1
	2017 / 06	1,3	3,5	2,2
	2017 / 07	2,2	4,0	1,8
	2017 / 08	5,2	6,9	1,7
C Manufacturing	2017 / 04	-3,1	-4,5	-1,4
	2017 / 05	5,3	7,6	2,3
	2017 / 06	2,3	4,8	2,5
	2017 / 07	2,0	4,1	2,1
	2017 / 08	6,7	8,7	2,0
D Electricity, gas, steam and air conditioning supply	2017 / 04	-5,6	-5,6	0,0
	2017 / 05	3,5	3,5	0,0
	2017 / 06	-3,9	-3,9	0,0
	2017 / 07	-3,9	-3,9	0,0
	2017 / 08	-5,3	-5,3	0,0
10-11 Food industry	2017 / 04	-8,0	-6,4	1,6
	2017 / 05	2,3	5,3	3,0
	2017 / 06	-0,8	1,4	2,2
	2017 / 07	-0,9	2,2	3,1
	2017 / 08	3,3	5,4	2,1
16-17 Forest industry	2017 / 04	-2,5	-4,1	-1,6
	2017 / 05	-1,3	0,1	1,4
	2017 / 06	1,7	2,1	0,4
	2017 / 07	3,6	5,2	1,6
	2017 / 08	4,4	4,2	-0,2
19-22 Chemical industry	2017 / 04	-5,6	-6,3	-0,7
	2017 / 05	12,7	14,4	1,7
	2017 / 06	4,6	8,0	3,4
	2017 / 07	2,2	1,8	-0,4
	2017 / 08	4,6	6,4	1,8
24-30, 33 Metal industry	2017 / 04	-1,2	-3,0	-1,8
	2017 / 05	6,1	8,9	2,8
	2017 / 06	2,3	5,1	2,8
	2017 / 07	2,2	4,7	2,5
	2017 / 08	10,1	12,9	2,8
26-27 Electrical and electronics industry	2017 / 04	-1,3	0,9	2,2
	2017 / 05	5,1	11,5	6,4
	2017 / 06	9,0	15,5	6,5
	2017 / 07	-4,2	1,1	5,3
	2017 / 08	-1,4	6,0	7,4

Main industries and Statistical reference month		Annual change (%)		Revision (%-point)
		1st release (%)	Latest release (10.11.2017) (%)	
Manufacturing excl. electrical and electronics industry	2017 / 04	-3,4	-5,4	-2,0
	2017 / 05	5,3	7,0	1,7
	2017 / 06	1,1	2,9	1,8
	2017 / 07	3,2	4,6	1,4
	2017 / 08	8,1	9,1	1,0

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