

# Trend Indicator of Output

2017, February

## Seasonally adjusted output fell slightly in February, adjusted for working days it grew year-on-year

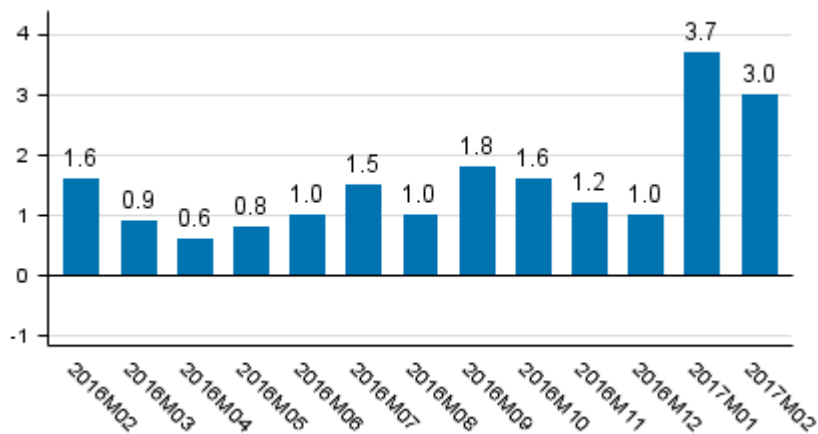
Seasonally adjusted output fell by 0.1 per cent in February 2017 from the month before. Adjusted for working days, output was 3.0 per cent higher than one year before. According to revised data, working-day adjusted output grew in January 2017 by 3.7 per cent (previously 2.4 per cent) from January 2016.

### Volume of total output 2005 to 2017, trend and seasonally adjusted series



The series of the Trend Indicator of Output are seasonally adjusted with the Tramo/Seats method. The latest observations of the series adjusted for seasonal and random variation (seasonally adjusted and trend series) become revised with new observations in seasonal adjustment methods. Revisions especially at turning points of economic trends may be significant, which should be taken into consideration when using seasonally adjusted and trend data.

**Working day adjusted change of total output from previous year's corresponding month, %**



Adjusted for working days, primary production and secondary production both increased by six and services by three per cent from February 2016.

Primary production refers to agriculture, hunting, forestry and fishing. Secondary production includes manufacturing and construction. Services comprise trade, hotel and restaurant activities, transport and business activities, as well as real estate, renting and research services, financial intermediation and insurance, and public services.

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# Revisions in these statistics

## Revision of annual volume change, %

		2016M06	2016M07	2016M08	2016M09	2016M10	2016M11	2016M12	2017M01
Seasonally adjusted month-on-month change, %	1. release	-0,1	0,5	-1,2	0,0	0,1	-0,3	-0,2	0,5
	Previous release	0,3	0,4	-0,4	0,4	-0,1	-0,1	0,3	0,5
	Latest release	0,3	0,4	-0,4	0,5	-0,1	-0,0	0,3	1,2
	Revision, %-points (latest minus first)	0,4	-0,1	0,8	0,5	-0,2	0,3	0,5	0,7
Working day adjusted year-on-year change, %	1. release	0,5	1,5	-0,1	1,5	2,1	1,6	1,0	2,4
	Previous release	1,0	1,6	1,0	1,8	1,7	1,2	1,0	2,4
	Latest release	1,0	1,5	1,0	1,8	1,6	1,2	1,0	3,7
	Revision, %-points (latest minus first)	0,5	0,0	1,1	0,3	-0,5	-0,4	0,0	1,3

## Average revision starting from 2014M05, %-points

	Average revision (absolute values)	Average revision
Seasonally adjusted month-on-month change	0,6	0,4
Working day adjusted year-on-year change	0,9	0,4

## Inquiries

Ida Peltonen 029 551 3334

Veli-Pekka Karvinen 029 551 2667

Director in charge:

Ville Vertanen

[kansantalous.suhdanteet@tilastokeskus.fi](mailto:kansantalous.suhdanteet@tilastokeskus.fi)

[www.stat.fi](http://www.stat.fi)

Source: Trend Indicator of Output 2017 February, Statistics Finland