

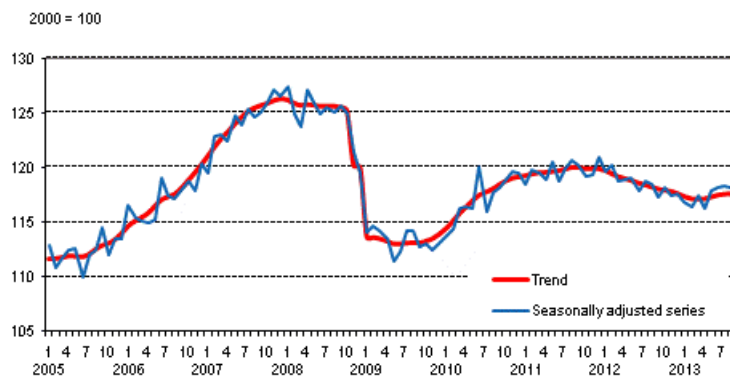
# Trend Indicator of Output

2013, August

## Output of the national economy decreased in August 2013

Seasonally adjusted output went down by 0.1 per cent in August from the month before. Adjusted for working days, output fell by 0.5 per cent from the level of the previous year. August 2013 had one working day fewer than the corresponding month of the previous year. According to revised data, working-day adjusted output in July decreased by 0.5 per cent (previously -0.2 per cent) from July 2012.

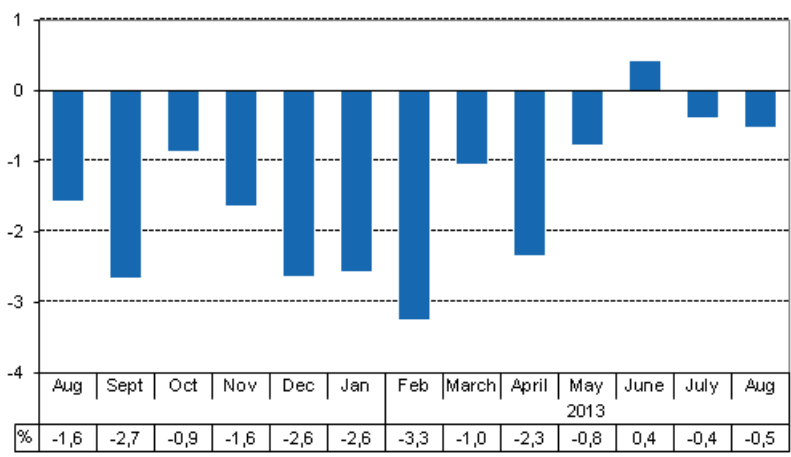
### Volume of total output 2005 – 2013, trend and seasonally adjusted series



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. Information on seasonal adjustment method:

[http://www.tilastokeskus.fi/til/tramo\\_seats\\_en.html](http://www.tilastokeskus.fi/til/tramo_seats_en.html)

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



Services diminished by close on one per cent and secondary production by good one per cent from one year back. Primary production went up by five per cent from August 2012.

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. Primary production refers to agriculture, forestry and fishing.

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## Revisions in these statistics

### Revision of annual volume change, %

		2012M11	2012M12	2013M01	2013M02	2013M03	2013M04	2013M05	2013M06	2013M07
Seasonally adjusted month-on-month change, %	1. release	-0,4	0,1	-0,7	-0,7	1,0	-2,4	1,2	-0,1	0,3
	Previous release	-0,6	0,1	-0,7	-0,4	0,9	-1,0	1,4	0,3	0,3
	Latest release	-0,6	0,1	-0,7	-0,3	0,9	-1,0	1,3	0,3	0,2
	Revision, %-points (latest minus first)	-0,2	0,0	0,0	0,4	-0,1	1,4	0,1	0,4	-0,1
Working day adjusted year-on-year change, %	1. release	-1,2	-2,3	-2,3	-2,9	-0,4	-4,2	-0,8	-0,0	-0,2
	Previous release	-1,6	-2,6	-2,5	-3,3	-1,1	-2,5	-0,7	0,5	-0,2
	Latest release	-1,6	-2,6	-2,6	-3,2	-1,0	-2,3	-0,8	0,4	-0,4
	Revision, %-points (latest minus first)	-0,4	-0,3	-0,3	-0,3	-0,6	1,9	0,0	0,4	-0,2

### Average revision starting from 2010QM01, %-points

	Average revision (absolute values)	Average revision
Seasonally adjusted month-on-month change	0,6	-0,0
Working day adjusted year-on-year change	0,9	-0,7

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Suomen virallinen tilasto  
Finlands officiella statistik  
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National Accounts 2013

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

Source: Trend Indicator of Output 2013, August, Statistics Finland