

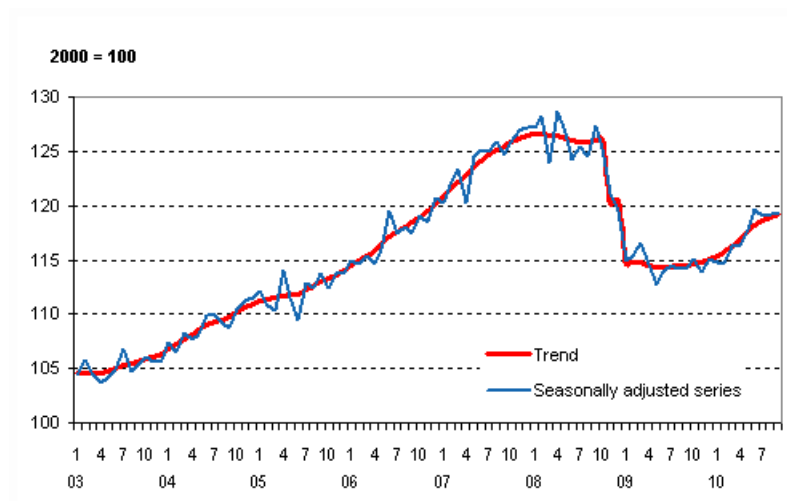
# Trend Indicator of Output

2010, September

## Output of the national economy was up year-on-year in September

Seasonally adjusted output remained in September on level with the previous month. According to the series adjusted for working days output went up by 4.2 per cent from the corresponding month of the year before. According to revised data, working-day adjusted output grew this August by 4.5 per cent (previously 4.9%) from August 2009.

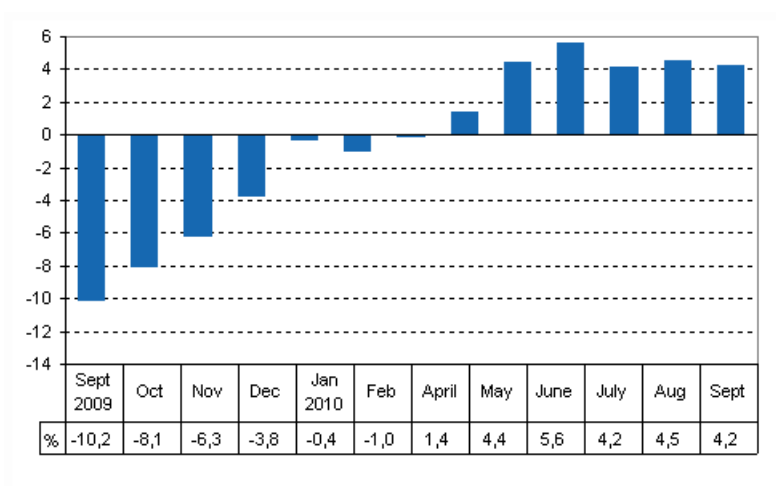
### Volume of total output 2003 – 2010, trend and seasonally adjusted series



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, %**



According to the working day adjusted series, primary production is estimated to have declined by five per cent from September of the previous year. Secondary production increased by 10 per cent and services by three per cent. 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 fishery.

***Estimated development of total output in the third quarter of 2010***

Seasonally adjusted output is estimated to have grown by 1.3 per cent from the previous quarter. According to the series adjusted for working days output went up by 4.3 per cent from the corresponding quarter of the year before. The data are based on the preliminary data on the Trend Indicator of Output.

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## Appendix tables

**Appendix table 1. Revisions to the data of the Trend Indicator of Output**

Release data	Referens period	Data	July, %	August, %	September, %
8.10.2010	July	Seasonally adjusted <sup>1)</sup>	-0,2		
		Adjusted for working days <sup>2)</sup>	4,6		
5.11.2010	August	Seasonally adjusted <sup>1)</sup>	-0,5	0,3	
		Adjusted for working days <sup>2)</sup>	4,2	4,9	
12.11.2010	September	Seasonally adjusted <sup>1)</sup>	-0,5	0,1	-0,0
		Adjusted for working days <sup>2)</sup>	4,2	4,5	4,2

1) Percentage change from previous month

2) Percentage change from twelve months back

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Suomen virallinen tilasto  
Finlands officiella statistik  
Official Statistics of Finland

National Accounts 2010

### Inquiries

Veli-Pekka Karvinen (09) 1734 2667

Samu Hakala (09) 1734 3756

Director in charge:

Ari Tyrkkö

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

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