

Trend Indicator of Output

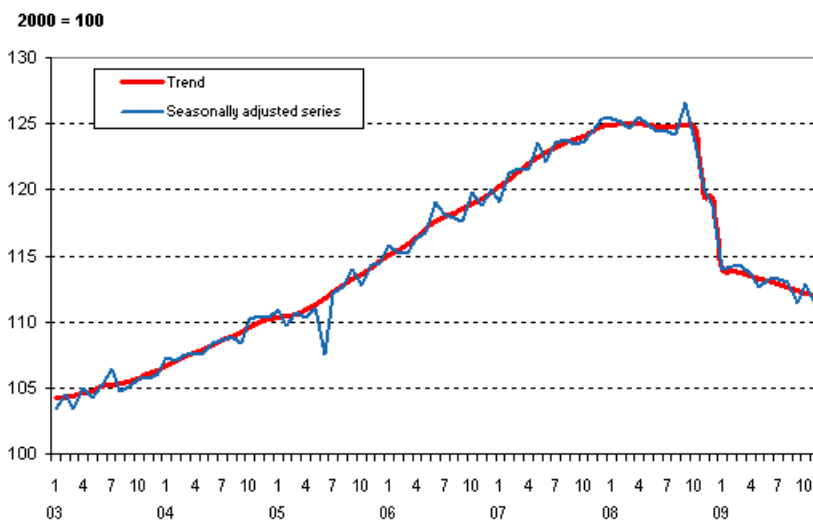
2009, November

Output of the national economy fell in November

Seasonally adjusted output fell by 1.2 per cent from the month before. Adjusted for working days, output fell by 7.4 per cent from November 2008. The data derive from Statistics Finland's Trend Indicator of Output. The data are preliminary and will become revised later.

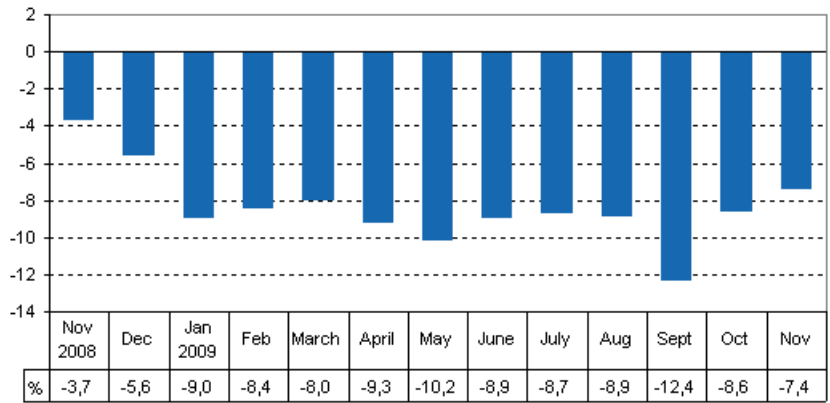
According to revised data, output adjusted for working days diminished in October by 8.6 per cent (previously -10.4%) and the original series fell by 9 per cent (previously -10.8%) from October 2008. The revision was mainly due to an upward revision of the source data on service industries.

Volume of total output 2003 – 2009, 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, %



According to the working day adjusted series, primary production is estimated to have grown by seven per cent from November 2008. Secondary production contracted by 15 per cent and services by four 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.

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Appendix tables

Revisions to the data of the Trend Indicator of Output

Release data	Referens period	Data	September, %	October, %	November, %
13.11.2009	September	Seasonally adjusted ¹	-2,1		
		Adjusted for working days ²	-11,6		
8.1.2010	October	Seasonally adjusted ¹	-1,4	0,5	
		Adjusted for working days ²	-12,4	-10,4	
5.2.2010	November	Seasonally adjusted ¹	-1,4	1,3	-1,2
		Adjusted for working days ²	-12,4	-8,6	-7,4

1) Percentage change from previous month

2) Percentage change from twelve months back

Suomen virallinen tilasto
Finlands officiella statistik
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