



BANK OF FINLAND BULLETIN

BANK OF FINLAND ARTICLES ON THE ECONOMY

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Forecast for the Finnish economy in 2015–2017

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December 2015

1. Balance of supply and demand, at reference year 2010 prices

% change on previous year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP at market prices	-1.1	-0.4	-0.1	0.7	1.0
Imports of goods and services	0.0	0.0	-2.8	3.2	2.8
Exports of goods and services	1.1	-0.7	0.1	2.1	2.7
Private consumption	-0.3	0.5	0.5	0.6	0.6
Public consumption	0.8	-0.2	-0.1	0.6	0.6
Private fixed investment	-7.1	-3.9	-1.1	3.3	2.8
Public fixed investment	3.5	-0.9	-2.3	1.3	1.4

Source: Bank of Finland forecast December 2015.

2. Contributions to growth¹

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP, % change	-1.1	-0.4	-0.1	0.7	1.0
Net exports	0.4	-0.3	1.1	-0.4	0.0
Domestic demand excl. inventory change	-1.1	-0.5	0.0	1.1	1.0
of which Consumption	0.0	0.2	0.3	0.5	0.5
Investment	-1.2	-0.7	-0.3	0.6	0.5
Inventory change + statistical discrepancy	-0.4	0.4	-1.2	0.1	0.0

¹ Bank of Finland calculations. Annual growth rates using the previous year's GDP shares at current prices as weights.

Source: Bank of Finland forecast December 2015.

3. Balance of supply and demand, price deflators

Index, 2010 = 100 and % change on previous year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP at market prices	108.4	110.1	110.7	111.8	112.9
	2.6	1.6	0.5	1.0	1.0
Imports of goods and services	106.8	105.2	103.3	104.6	107.0
	-1.4	-1.6	-1.8	1.2	2.3
Exports of goods and services	104.5	103.7	103.0	104.5	106.9
	-1.0	-0.7	-0.7	1.5	2.3
Private consumption	108.6	110.3	110.5	111.0	112.0
	2.3	1.6	0.2	0.4	1.0
Public consumption	111.2	112.7	114.1	115.2	116.6
	2.5	1.3	1.2	0.9	1.3
Private fixed investment	108.2	108.8	109.7	110.4	111.1
	1.4	0.5	0.8	0.7	0.7
Public fixed investment	109.3	110.1	110.0	111.1	112.6
	2.0	0.8	-0.1	1.0	1.3
Terms of trade (goods and services)	97.8	98.6	99.7	99.9	99.9
	0.4	0.8	1.1	0.3	-0.1

Source: Bank of Finland forecast December 2015.

4. Balance of supply and demand, at current prices

EUR million and % change on previous year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP at market prices	202,743	205,178	206,014	209,474	213,586
	1.5	1.2	0.4	1.7	2.0
Imports of goods and services	80,624	79,392	75,839	79,262	83,369
	-1.4	-1.5	-4.5	4.5	5.2
Total supply	283,367	284,570	281,852	288,735	296,955
	0.6	0.4	-1.0	2.4	2.8
Exports of goods and services	78,979	77,810	77,326	80,106	84,145
	0.1	-1.5	-0.6	3.6	5.0
Consumption	161,622	164,523	165,883	167,831	170,597
	2.4	1.8	0.8	1.2	1.6
Private	111,311	113,621	114,384	115,551	117,355
	2.0	2.1	0.7	1.0	1.6
Public	50,311	50,902	51,499	52,280	53,242
	3.3	1.2	1.2	1.5	1.8
Fixed investment	42,805	41,608	41,307	42,828	44,252
	-3.8	-2.8	-0.7	3.7	3.3
Private	34,415	33,225	33,124	34,457	35,654
	-5.8	-3.5	-0.3	4.0	3.5
Public	8,390	8,383	8,183	8,371	8,598
	5.5	-0.1	-2.4	2.3	2.7
Inventory change + statistical discrepancy	-39	629	-2,664	-2,030	-2,040

Source: Bank of Finland forecast December 2015.

4. Balance of supply and demand, at current prices

% of previous year's total demand	-0.2	0.2	-1.2	0.2	0.0
Total demand	283,367	284,570	281,852	288,735	296,955
	0.6	0.4	-1.0	2.4	2.8
Total domestic demand	204,388	206,760	204,526	208,629	212,809
	0.8	1.2	-1.1	2.0	2.0

Source: Bank of Finland forecast December 2015.

5. Balance of supply and demand

% of GDP at current prices

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP at market prices	100.0	100.0	100.0	100.0	100.0
Imports of goods and services	39.8	38.7	36.8	37.8	39.0
Exports of goods and services	39.0	37.9	37.5	38.2	39.4
Consumption	79.7	80.2	80.5	80.1	79.9
Private	54.9	55.4	55.5	55.2	54.9
Public	24.8	24.8	25.0	25.0	24.9
Fixed investment	21.1	20.3	20.1	20.4	20.7
Private	17.0	16.2	16.1	16.4	16.7
Public	4.1	4.1	4.0	4.0	4.0
Inventory change + statistical discrepancy,	0.0	0.3	-1.3	-1.0	-1.0
Total demand	139.8	138.7	136.8	137.8	139.0
Total domestic demand	100.8	100.8	99.3	99.6	99.6

Source: Bank of Finland forecast December 2015.

6. Prices

Index, 2010 = 100, and % change on previous year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
Harmonised index of consumer prices, 2005=100	120.4	121.8	121.7	122.0	123.2
	2.2	1.2	-0.1	0.3	1.0
Consumer price index, 2005=100	118.3	119.6	119.3	119.6	120.8
	1.5	1.0	-0.2	0.2	1.0
Private consumption deflator	108.6	110.3	110.5	111.0	112.0
	2.3	1.6	0.2	0.4	1.0
Private investment deflator	108.2	108.8	109.7	110.4	111.1
	1.4	0.5	0.8	0.7	0.7
Exports of goods and services deflator	104.5	103.7	103.0	104.5	106.9
	-1.0	-0.7	-0.7	1.5	2.3
Imports of goods and services deflator	106.8	105.2	103.3	104.6	107.0
	-1.4	-1.6	-1.8	1.2	2.3
Value-added deflators					
Value-added, gross at basic prices	108.0	109.9	110.4	111.2	112.6
	2.5	1.7	0.4	0.8	1.2
Private sector	106.9	108.7	108.9	109.7	111.1
	2.4	1.7	0.2	0.8	1.2
Public sector	112.8	114.8	116.4	117.3	118.8
	2.8	1.7	1.4	0.8	1.3

Source: Bank of Finland forecast December 2015.

7. Wages and productivity

% change on previous year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
Whole economy					
Index of wage and salary earnings	2.1	1.4	1.1	1.1	1.3
Compensation per employee	1.4	1.4	1.8	1.4	1.5
Unit labour costs	1.4	1.4	1.7	1.1	1.0
Labour productivity per employed person	-0.1	0.0	0.2	0.3	0.5

Source: Bank of Finland forecast December 2015.

8. Labour market

1,000 persons and % change on previous year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
Labour force survey (15–74-year-olds)					
Employed persons	2,457	2,447	2,440	2,450	2,461
	-1.1	-0.4	-0.3	0.4	0.4
Unemployed persons	219	232	252	247	245
	6.1	5.8	8.6	-2.0	-0.6
Labour force	2,676	2,679	2,692	2,697	2,706
	-0.5	0.1	0.5	0.2	0.3
Working-age population (15–64-year-olds)	3,508	3,491	3,477	3,475	3,470
	-0.5	-0.5	-0.4	-0.1	-0.1
Labour force participation rate, %	65.5	65.4	65.6	65.6	65.4
Unemployment rate, %	8.2	8.7	9.4	9.2	9.1
Employment rate (15–64-year-olds), %	68.5	68.3	68.2	68.5	68.9

Source: Bank of Finland forecast December 2015.

9. General government revenue, expenditure, balance and debt

% of GDP

	2013	2014	2015 ^f	2016 ^f	2017 ^f
General government revenue	55.0	54.9	55.6	55.7	55.8
General government expenditure	57.6	58.3	58.8	58.6	58.6
General government primary expenditure	56.3	57.0	57.6	57.5	57.5
General government interest expenditure	1.3	1.2	1.2	1.1	1.1
General government net lending	-2.5	-3.3	-3.2	-2.9	-2.7
Central government	-3.6	-3.9	-3.2	-3.1	-3.0
Local government	-0.7	-0.8	-0.8	-0.9	-0.8
Social security funds	1.8	1.3	0.9	1.1	1.1
General government primary balance	-1.3	-2.1	-2.0	-1.8	-1.6
General government debt (EDP)	55.6	59.3	62.8	65.7	68.1
Central government debt	44.3	46.4	49.2	51.5	53.6
Tax ratio	43.8	43.9	44.5	44.7	44.8

Source: Bank of Finland forecast December 2015.

10. Balance of payments

EUR million

	2013	2014	2015 ^f	2016 ^f	2017 ^f
Exports of goods and services (SNA)	78,979	77,810	77,326	80,106	84,145
Imports of goods and services (SNA)	80,624	79,392	75,839	79,262	83,369
Goods and services account (SNA)	-1,645	-1,582	1,488	844	776
% of GDP	-0.8	-0.8	0.7	0.4	0.4
Investment income and other items, net (+ statistical discrepancy)	664	2,055	452	672	742
Current transfers, net	-2,381	-2,406	-2,233	-2,038	-2,083
Current account, net	-3,363	-1,932	-293	-522	-564
Net lending, % of GDP					
Private sector	0.9	2.4	3.1	2.6	2.5
Public sector	-2.5	-3.3	-3.2	-2.9	-2.7
Current account, % of GDP	-1.7	-0.9	-0.1	-0.2	-0.3

Source: Bank of Finland forecast December 2015.

11. Interest rates

%

	2013	2014	2015 ^f	2016 ^f	2017 ^f
3-month Euribor ¹	0.2	0.2	0.0	-0.2	-0.1
Average interest rate on new loan drawdowns ²	2.3	2.4	2.1	1.9	2.0
Average interest rate on the stock of loans ²	1.8	1.8	1.6	1.5	1.5
Average interest rate on the stock of deposits ³	0.5	0.4	0.3	0.2	0.2
Yield on Finnish 10-year government bonds ¹	1.9	1.4	0.7	1.0	1.3

¹ Technical assumption derived from market expectations.

² Finnish credit institutions' loans to households and non-financial corporations (excl. overdrafts, credit card credits and repurchase agreements).

³ Finnish credit institutions' deposits from households and non-financial corporations.

Source: Bank of Finland forecast December 2015.

12. International environment

Eurosystem staff projections

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP, % change on previous year					
World	3.2	3.4	2.9	3.4	3.7
USA	1.5	2.4	2.4	2.7	2.6
Euro area	-0.3	0.9	1.5	1.7	1.9
Japan	1.6	-0.1	0.5	0.8	0.6
Imports, % change on previous year					
World	2.5	3.5	1.5	3.5	4.2
USA	1.1	3.8	5.1	4.3	4.6
Euro area	1.4	4.5	5.3	4.8	5.3
Japan	3.0	7.3	1.3	2.5	1.8
Index, 2010 = 100, and % change on previous year					
Import volume in Finnish export markets	113.1	116.1	116.2	119.5	124.2
	2.4	2.7	0.1	2.8	3.9
Export prices (excl. oil) of Finland's trading partners, national currencies	102.2	103.0	103.4	105.5	108.5
	-1.0	0.7	0.4	2.0	2.9
Export prices (excl. oil) of Finland's trading partners, in euro	104.8	104.7	109.4	112.3	115.5
	-2.9	-0.1	4.5	2.6	2.9
Industrial raw materials (excl. energy), HWWA index, in US dollars	93.6	89.0	71.1	61.6	64.4
	-2.7	-4.9	-20.1	-13.3	4.5
Oil price, USD per barrel ¹	108.8	98.9	53.8	52.2	57.5

Source: Bank of Finland forecast December 2015.

12. International environment

	-2.8	-9.1	-45.6	-2.9	10.1
Finland's nominal competitiveness indicator ^{1,2}	101.3	102.2	98.2	97.5	97.5
	1.5	0.9	-3.9	-0.6	0.0
US dollar value of one euro ¹	1.33	1.33	1.11	1.09	1.09
	3.4	0.0	-16.8	-1.6	0.0

¹ Technical assumption derived from market expectations.

² Narrow plus euro area, 1999Q1 = 100

Source: Bank of Finland forecast December 2015.

13. Current and June 2015 forecast

	2014	2015 ^f	2016 ^f	2017 ^f
GDP, % change	-0.4	-0.1	0.7	1.0
June 2015	-0.1	0.2	1.2	1.3
Inflation (HICP), %	1.2	-0.1	0.3	1.0
June 2015	1.2	0.2	1.0	1.5
Current account, % of GDP	-0.9	-0.1	-0.2	-0.3
June 2015	-1.1	-1.1	-0.8	-0.6
General government net lending, % of GDP	-3.3	-3.2	-2.9	-2.7
June 2015	-3.2	-3.1	-3.1	-3.0
General government debt (EDP), % of GDP	59.3	62.8	65.7	68.1
June 2015	59.3	62.5	65.1	67.3
Unemployment rate, %	8.7	9.4	9.2	9.1
June 2015	8.7	9.1	8.9	8.6

Source: Bank of Finland forecast December 2015.

Tags

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