



BANK OF FINLAND BULLETIN

BANK OF FINLAND ARTICLES ON THE ECONOMY

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FORECAST TABLES

Forecast for 2015–2017

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June 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	-1.3	-0.1	0.2	1.2	1.3
Imports of goods and services	-1.6	-1.4	-0.4	2.5	3.4
Exports of goods and services	-0.7	-0.4	0.6	3.3	4.0
Private consumption	-0.6	-0.2	0.2	0.4	0.7
Public consumption	0.6	0.2	0.0	1.0	1.1
Private fixed investment	-7.3	-6.5	-2.5	2.7	2.2
Public fixed investment	4.0	0.6	2.6	1.0	1.2

Source: Bank of Finland forecast June 2015.

2. Contributions to growth¹

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP, % change	-1.3	-0.1	0.2	1.2	1.3
Net exports	0.4	0.4	0.4	0.3	0.2
Domestic demand excl. inventory change	-1.3	-1.1	-0.1	0.9	1.0
of which Consumption	-0.2	0.0	0.1	0.5	0.6
Investment	-1.2	-1.1	-0.3	0.5	0.4
Inventory change + statistical discrepancy	-0.3	0.6	0.0	0.0	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 June 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	108.2	109.4	110.1	111.4	112.9
	2.5	1.1	0.6	1.2	1.4
Imports of goods and services	107.0	105.1	106.4	108.8	111.6
	-1.3	-1.8	1.3	2.3	2.6
Exports of goods and services	104.7	102.9	103.8	106.2	108.8
	-0.8	-1.7	0.9	2.3	2.5
Private consumption	108.8	110.4	111.1	112.4	113.9
	2.5	1.5	0.6	1.2	1.4
Public consumption	111.1	112.7	113.8	115.2	116.8
	2.4	1.4	1.0	1.2	1.4
Private fixed investment	108.0	108.8	110.0	111.4	113.0
	1.3	0.8	1.1	1.2	1.5
Public fixed investment	108.9	109.5	110.2	111.8	113.5
	1.7	0.5	0.7	1.4	1.5
Terms of trade (goods and services)	97.9	97.9	97.5	97.6	97.5
	0.5	0.0	-0.4	0.1	-0.1

Source: Bank of Finland forecast June 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	201,995	204,015	205,719	210,753	216,314
	1.1	1.0	0.8	2.4	2.6
Imports of goods and services	79,386	76,888	77,568	81,357	86,292
	-2.9	-3.1	0.9	4.9	6.1
Total supply	281,381	280,903	283,288	292,110	302,606
	-0.1	-0.2	0.8	3.1	3.6
Exports of goods and services	77,646	76,042	77,137	81,531	86,862
	-1.6	-2.1	1.4	5.7	6.5
Consumption	161,330	163,650	165,072	168,024	171,691
	2.2	1.4	0.9	1.8	2.2
Private	111,153	112,687	113,591	115,376	117,713
	1.9	1.4	0.8	1.6	2.0
Public	50,177	50,963	51,481	52,647	53,978
	3.1	1.6	1.0	2.3	2.5
Fixed investment	42,712	40,810	40,629	42,094	43,593
	-4.0	-4.5	-0.4	3.6	3.6
Private	34,306	32,312	31,855	33,103	34,352
	-6.1	-5.8	-1.4	3.9	3.8
Public	8,406	8,498	8,774	8,992	9,241
	5.7	1.1	3.2	2.5	2.8
Inventory change + statistical discrepancy	-307	401	450	460	460
% of previous year's total demand	-0.3	0.3	0.0	0.0	0.0

4. Balance of supply and demand, at current prices

Total demand	281,381	280,903	283,288	292,110	302,606
	-0.1	-0.2	0.8	3.1	3.6
Total domestic demand	203,735	204,861	206,151	210,578	215,744
	0.5	0.6	0.6	2.1	2.5

Source: Bank of Finland forecast June 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	39.3	37.7	37.7	38.6	39.9
Exports of goods and services	38.4	37.3	37.5	38.7	40.2
Consumption	79.9	80.2	80.2	79.7	79.4
Private	55.0	55.2	55.2	54.7	54.4
Public	24.8	25.0	25.0	25.0	25.0
Fixed investment	21.1	20.0	19.7	20.0	20.2
Private	17.0	15.8	15.5	15.7	15.9
Public	4.2	4.2	4.3	4.3	4.3
Inventory change + statistical discrepancy,	-0.2	0.2	0.2	0.2	0.2
Total demand	139.3	137.7	137.7	138.6	139.9
Total domestic demand	100.9	100.4	100.2	99.9	99.7

Source: Bank of Finland forecast June 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	122.0	123.2	125.0
	2.2	1.2	0.2	1.0	1.5
Consumer price index, 2005=100	118.3	119.6	119.7	121.0	122.7
	1.5	1.0	0.1	1.1	1.4
Private consumption deflator	108.8	110.4	111.1	112.4	113.9
	2.5	1.5	0.6	1.2	1.4
Private investment deflator	108.0	108.8	110.0	111.4	113.0
	1.3	0.8	1.1	1.2	1.5
Exports of goods and services deflator	104.7	102.9	103.8	106.2	108.8
	-0.8	-1.7	0.9	2.3	2.5
Imports of goods and services deflator	107.0	105.1	106.4	108.8	111.6
	-1.3	-1.8	1.3	2.3	2.6
Value-added deflators					
Value-added, gross at basic prices	107.8	109.0	109.9	110.9	112.3
	2.3	1.1	0.8	1.0	1.2
Private sector	106.7	107.9	108.7	109.7	110.9
	2.3	1.1	0.8	0.9	1.1
Public sector	112.5	113.5	114.7	116.0	117.9
	2.5	0.9	1.0	1.2	1.6

Source: Bank of Finland forecast June 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	1.2	1.5
Compensation per employee	2.1	1.5	1.5	1.3	1.6
Unit labour costs	2.3	1.3	1.1	0.3	0.8
Labour productivity per employed person	-0.2	0.3	0.4	1.0	0.7

Source: Bank of Finland forecast June 2015.

8. Labour market

1,000 persons and % change on previous
year

	2013	2014	2015 ^f	2016 ^f	2017 ^f
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Labour force survey (15–74-year-olds)					
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Employed persons	2,457	2,447	2,444	2,449	2,462
	-1.1	-0.4	-0.1	0.2	0.5
Unemployed persons	219	232	246	238	230
	6.1	5.8	5.9	-3.0	-3.3
Labour force	2,676	2,679	2,690	2,687	2,692
	-0.5	0.1	0.4	-0.1	0.2
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Working-age population (15–64-year-olds)	3,508	3,491	3,478	3,468	3,456
	-0.5	-0.5	-0.4	-0.3	-0.4
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Labour force participation rate, %	65.5	65.4	65.5	65.4	65.3
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Unemployment rate, %	8.2	8.7	9.1	8.9	8.6
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Employment rate (15–64-year-olds), %	68.5	68.3	68.2	68.6	69.2

Source: Bank of Finland forecast June 2015.

9. General government revenue, expenditure, balance and debt

% of GDP

	2013	2014	2015 ^f	2016 ^f	2017 ^f
General government revenue	55.2	55.5	55.9	55.7	55.7
General government expenditure	57.8	58.7	59.0	58.7	58.6
General government primary expenditure	56.5	57.4	57.8	57.6	57.5
General government interest expenditure	1.3	1.3	1.2	1.1	1.1
General government net lending	-2.5	-3.2	-3.1	-3.1	-3.0
Central government	-3.7	-3.7	-3.2	-3.4	-3.3
Local government	-0.7	-0.9	-0.8	-0.8	-0.8
Social security funds	1.9	1.4	1.0	1.1	1.1
General government primary balance	-1.3	-1.9	-1.9	-1.9	-1.8
General government debt (EDP)	55.8	59.3	62.5	65.1	67.3
Central government debt	44.4	46.6	49.3	51.6	53.5
Tax ratio	44.0	44.4	44.7	44.4	44.4

Source: Bank of Finland forecast June 2015.

10. Balance of payments

EUR million

	2013	2014	2015 ^f	2016 ^f	2017 ^f
Exports of goods and services (SNA)	77,646	76,042	77,137	81,531	86,862
Imports of goods and services (SNA)	79,386	76,888	77,568	81,357	86,292
Goods and services account (SNA)	-1,740	-846	-432	174	570
% of GDP	-0.9	-0.4	-0.2	0.1	0.3
Investment income and other items, net (+ statistical discrepancy)	794	-280	-727	-407	-204
Current transfers, net	-2518	-2566	-2397	-2440	-2489
Current account, net	-2,850	-2,320	-2,234	-1,679	-1,333
Net lending, % of GDP					
Private sector	1.1	2.0	2.0	2.3	2.4
Public sector	-2.5	-3.2	-3.1	-3.1	-3.0
Current account, % of GDP	-1.4	-1.1	-1.1	-0.8	-0.6

Source: Bank of Finland forecast June 2015.

11. Interest rates

%

	2013	2014	2015 ^f	2016 ^f	2017 ^f
3-month Euribor ¹	0.2	0.2	0.0	0.0	0.2
Average interest rate on new loans ²	2.2	2.0	1.7	1.7	1.9
Average interest rate on the stock of loans ²	1.8	1.8	1.6	1.6	1.8
Average interest rate on the stock of deposits ³	0.5	0.4	0.3	0.3	0.4
Yield on Finnish 10-year government bonds ¹	1.9	1.4	0.7	1.1	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 June 2015.

12. International environment

Eurosystem staff projections

	2013	2014	2015 ^f	2016 ^f	2017 ^f
GDP, % change on previous year					
World	3.4	3.4	3.2	3.8	3.8
USA	2.2	2.4	2.6	3.1	2.7
Euro area	-0.3	0.9	1.5	1.9	2.0
Japan	1.6	-0.1	0.5	1.5	0.7
Imports, % change on previous year					
World	3.5	2.9	2.6	5.0	5.3
USA	1.1	4.0	5.2	6.0	5.7
Euro area	1.4	4.1	4.8	5.8	5.9
Japan	3.0	7.2	2.1	2.9	1.2
Index, 2010 = 100, and % change on previous year					
Import volume in Finnish export markets	112.6	115.5	117.6	122.8	129.0
	2.3	2.6	1.8	4.4	5.1
Export prices (excl. oil) of Finland's trading partners, national currencies	102.2	103.0	104.8	107.3	110.0
	-1.0	0.7	1.7	2.4	2.5
Export prices (excl. oil) of Finland's trading partners, in euro	104.8	104.7	111.2	114.2	117.1
	-2.9	-0.1	6.2	2.8	2.5
Industrial raw materials (excl. energy), HWWA index, in US dollars	93.6	89.0	73.4	74.5	78.2
	-2.7	-4.9	-17.6	1.5	5.0
Oil price, USD per barrel ¹	108.8	98.9	58.0	64.7	68.3
	-2.8	-9.1	-41.4	11.5	5.5

12. International environment

Finland's nominal competitiveness indicator ^{1,2}	101.6	102.4	98.1	97.8	97.8
	1.7	0.8	-4.2	-0.3	0.0
US dollar value of one euro ¹	1.33	1.33	1.09	1.08	1.08
	3.4	0.0	-17.7	-1.0	0.0

¹ Technical assumption derived from market expectations.

² Narrow plus euro area, 1999Q1 = 100

Source: Bank of Finland forecast June 2015.

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