# **Economic Indicators**



Central Bank of Iceland September 2007

## Overview of economic indicators

			C	hange (%)	Contribution	12-mo. ch.	
	Latest	Latest	on prev.	over 6	over 12	to 12-mo.	1 year
I Inflation and inflation expectations <sup>7</sup>	period	value	month	months <sup>2</sup>	months	inflation (%)	ago (%)
Consumer price index	September '07	276.7	1.3	7.3	4.2		7.6
Core index 1 (CPI excl. agricultural products and petrol)	September '07	157.1	1.3	6.9	5.2	4.7	7.2
Core index 2 (core index 1 excl. public services)	September '07	158.0	1.4	7.3	5.3	4.4	7.8
Domestic goods excl. agricultural products	September '07	133.9	0.6	2.9	-4.1	-0.3	9.5
Agricultural products	September '07	128.7	0.6	3.8	-4.2	-0.2	11.7
Imported goods excl. alcohol and tobacco	September '07	117.1	2.4	3.1	0.0	0.0	5.8
- food and beverages	September '07	117.1	0.5	-3.3	-7.3	-0.2	14.0
- cars and spare parts	September '07	129.8	0.3	0.0	2.9	0.2	7.8
- petrol	September '07	167.8	3.2	23.6	1.3	0.1	6.3
- imported goods excl. food and beverages	September '07	100.1	3.5	0.2	0.7	0.1	2.7
Housing	September '07	277.0	2.0	18.8	13.9	3.5	13.0
Public services	September '07	152.3	-0.2	1.8	4.5	0.3	0.4
Private services	September '07	161.1	0.1	6.0	5.3	1.1	5.0
Groceries (perishables)	September '07	125.5	0.6	2.0	-4.9	-0.7	12.1
Weighted import exchange rate index (Dec. 31 1994=100)	August 31 '07	98.7	-9.5	-6.9	-5.3		15.8
	Latest period	Expected 12 mo. inflation	Change on prev. survey	Exp. 12-mo inflation 1 year ago	,		Perceived inflation in past 12 mo.
Businesses' inflation expectations	September '07	3.8	0.2	3.5	2.9		
Household inflation expectations	October '06	4.8	-1.0	6.6			4.7

<sup>1.</sup> Index base periods: Consumer price index: May 1988=100; other price indices: March 1997=100. 2. Annualised inflation.

			Value	% change <sup>1</sup> on		Year-to-date <sup>1</sup>	
	Latest	Latest	1 year	previous	previous		Change on
II Output and demand	period	value	ago	period	year	Value	prev. year (%)
GDP (b.kr.)	Q2/2007	312.8	289.5	6.2	2.5	608.3	1.3
National expenditure (b.kr.)	Q2/2007	357.2	343.9	13.1	0.1	673.7	-4.3
Private consumption (b.kr.)	Q2/2007	191.1	176.9	10.5	3.9	362.5	1.4
Public consumption (b.kr.)	Q2/2007	78.2	71.3	1.6	2.6	154.9	2.4
Gross fixed investment (b.kr.)	Q2/2007	86.8	94.9	33.8	-8.4	153.5	-18.4
Exports of goods and services (b. kr.)	Q2/2007	96.4	102.5	-7.2	-3.4	205.9	5.7
Imports of goods and services (b. kr.)	Q2/2007	-140.9	-156.9	11.9	-6.6	-271.3	-8.8
Domestic turnover according to VAT statements (b. kr.)	May-June '07	284.8	253.5	3.0	7.7	747.7	10.3
Turnover in groceries stores (b.kr.)	August '07	143.9	126.1	0.2	14.1	131.2	10.4
Credit and debit card turnover (b.kr.) <sup>2</sup>	August '07	66.2	56.8	3.4	16.6	467.7	4.5
Turnover of publicly listed companies on ICEX (b.kr.)	Q1 2007	192.0	132.0	53.6	45.0	192.0	45.0
Cement sales (thous. tons)	August '07	26.6	32.0	-21.4	-16.9	207.1	-0.6
Automobile registrations (number)	August '07	2,141	1,498	13.1	42.9	15,396	-13.3

<sup>1.</sup> Change between periods is presented in real terms. 2. Change in seasonally adjusted values.

			Value	% ch	% change on		Year-to-date	
	Latest	Latest	1 year	previous	previous		Change on	
III Foreign trade and external economic conditions	period	value	ago	period	year	Value	prev. year (%)	
Price of marine products in foreign currency (Jan.1999=100)	July '07	118.4	110.8	1.5	6.9	118.4	6.9	
Price of aluminium, LME cash price USD/t	September '07	2,410	2,473	-4.2	-2.5	2,704	11.9	
Price of crude oil (Brent) USD/b	September '07	78.1	62.8	10.4	24.5	67.2	-0.5	
Demersals (1,000 tonnes)	July '07	35.9	40.1	-15.3	-10.5	317.4	-3.8	
Pelagics (1,000 tonnes)	July '07	79.5	47.0	18.2	69.2	643.1	20.1	
Merchandise exports (excl. ships & aircraft, b.kr.) <sup>1</sup>		17.8	16.4	-10.1	25.4	147.1	15.5	
- marine products (b.kr.) <sup>1</sup>	July '07	9.3	9.6	-8.3	11.5	75.9	4.6	
- aluminium (b.kr.) <sup>1</sup>	July '07	5.5	3.9	-18.5	64.3	47.0	47.8	
- other industrial products (b.kr.) <sup>1</sup>	July '07	2.4	2.4	1.4	17.4	18.6	0.0	
Merchandise imports (excl. ships & aircraft, b.kr.) <sup>1</sup>	July '07	32.6	35.1	12.2	6.9	210.1	-0.4	
Merchandise trade balance (excl. ships & aircraft, b.kr.)	July '07	-14.8	-18.8		•	-63.0		
Services exports (b.kr.) <sup>1</sup>	Q2/2007	35.9	32.3	34.9	22.3	63.7	10.8	
Services imports (b.kr.) <sup>1</sup>	Q2/2007	47.8	46.9	27.4	12.1	87.1	1.2	
Real effective exchange rate (relative CPI) (2000=100)	Q2/2007	106.1	98.2	0.6	8.1	105.7	0.2	

Note: In the case of volumes and values, 'Year-to-date' refers to cumulated figures, but in the case of prices or indices it refers to the average price or index. 1. Changes are calculated at constant exchange rates.

			Value	Change <sup>1</sup> from		Year-to-date <sup>2</sup>	
IV Labour market and wages	Latest period	Latest value	1 year ago	previous period	previous year	Average	Change on prev. year (%)
Number of unemployed listed at employment agencies	August '07	1,476	1,948	-102	-472	1,782	-18.7
Registered unemployment, s.a. (% of total estim. labour force)	August '07	0.9	1.3	0.0	-0.3	1.0	-0.3
Unemployment rate, labour force survey	Q2/2007	2.5	4.0	0.0	-1.5	2.6	-0.6
Listed vacancies at employment agencies	August '07	486	616	-3.2	-21.1	454	-30.8
Work permits issued, total	August '07	318	363	-33	-12.4	2,218	-53.0
New permits for new jobs and permit extensions	August '07	834	245	67	240.4	4,239	18.2
Wage index (December 1988=100)	August '07	321.1	297.4	0.4	8.0	316.1	9.4
Real wages (wage index deflated by CPI)	August '07	146.9	140.7	0.4	4.4	146.2	4.0

<sup>1.</sup> Change from previous period refers to change in the number of unemployed and change in the rate of unemployment; percentage changes otherwise. 2. Average from beginning of year except for work permits where the cumulated number of permits is shown. Change on previous year refers to change in the average number of unemployed and change in the unemployment rate; percentage changes otherwise.

			Value	% change on		Year-to-date	
	Latest	Latest	1 year	previous	previous		Change on
V Public finances	period	value	ago	period	year	Value	prev. year (%)
Treasury revenue balance (b.kr.)	July '07	3.4	3.0			48.3	
- as a percentage of revenue	July '07	10.4	10.3			19.2	
Net borrowing requirement (b. kr.)	July '07	5.6	-3.2			-22.3	
- as percentage of revenue	July '07	16.9	-11.1			-8.9	
Treasury revenue (b. kr.)	July '07	33.2	29.0	1.3	9.8	251.9	10.8
- excl. asset sales and irregular items (b. kr.)	July '07	31.6	28.9	1.4	4.8	245.0	8.0
- from VAT (b. kr.)	July '07	10.4	10.3	3.8	-3.2	76.7	5.9
- from payroll & personal income tax withheld (b. kr.)	July '07	9.9	9.3	-5.9	1.6	72.4	4.5
- from imports (b. kr.)	July '07	2.6	2.6	7.0	-3.0	17.1	-4.1
Treasury expenditures (b. kr.)	July '07	29.7	26.0	-0.3	9.6	203.6	8.3
- excl. irregular items (b. kr.)	July '07	29.7	26.0	-0.3	9.6	203.6	8.3

 $\it Note$ : First four columns show 4-month moving averages of monthly values, last two show current year to date.

			Value	% change on		Yea	Year-to-date	
VI Asset markets	Latest period	Latest value	1 year ago	previous period	previous year	Aver- age <sup>1</sup>	Change on prev. year (%)	
ICEX-15 equity price index <sup>2</sup> (Dec. 1997=1,000) Equity turnover on ICEX, <sup>2</sup> monthly total	August '07 August '07	8,187.0 256.8	5,604.1 201.3	-6.2 -51.3	46.1 27.5	7,791.6 2,189.5	33.8 75.5	
Residental housing prices, narrow index <sup>3</sup> (Jan. 1994=100) Real residental housing prices, broad index <sup>3</sup> (Jan. 1994=100)	August '07 August '07	335.5 213.7	303.2 199.4	1.1 0.7	10.6 7.1	320.4 206.3	14.9 6.7	
Price of long-term cod quota (kr./kg.)	September '07	2,800	1,895	0.0	47.8	2,648	51.0	

<sup>1.</sup> Except for turnover which is cumulated to date. 2. ICEX = Iceland Stock Exchange. Prices are monthly averages. 3. In Greater Reykjavík.

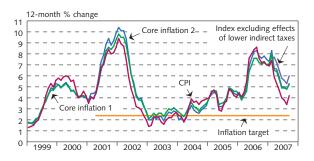
	V			% change on		Year-to-date	
	Latest	Latest	1 year	previous	previous	Aver-	Change on
VII Financial markets	period	value	ago	period	year	age	orev. year (%)
Bank lending to domestic sector (b.kr.) <sup>1</sup>	July '07	2,610.4	2,168.7	4.0	26.6		
and exchange rate-linked loans (index)1	July '07	588.1	467.1	4.7	31.9		
- in real terms (January 2002 = 100) <sup>1</sup>	July '07	308.2	262.8	0.0	17.2		
Credit system total lending (b.kr.)	June '07	5,175.6	3,213.3	23.3	61.1		
M3 (b.kr.)	August '07	1,058.2	730.1	2.0	44.9		
Central Bank policy interest rate (%)	Sept. 21 '07	13.30	13.09	0.0	0.2	13.30	2.07
Money market yield, 3-mo. (%) <sup>2</sup>	Sept. 21 '07	14.0	13.3	0.2	0.7	13.9	2.2
Money market yield, 12-mo. (%) <sup>2</sup>	Sept. 21 '07	13.8	13.6	0.0	0.2	14.1	2.0
Yield on Treasury notes (RIKB 10 0317) (%) <sup>2</sup>	Sept. 21 '07	10.7	8.9	-1.0	1.8	10.1	0.9
Yield on Treasury notes (RIKB 13 0517) (%) <sup>2</sup>	Sept. 21 '07	9.1	8.0	-0.4	1.1	8.9	0.3
Real yield on HFF bonds (HFF150224) (%) <sup>2</sup>	Sept. 21 '07	5.3	4.4	-0.3	0.9	5.3	
Real yield on HFF bonds (HFF150434) (%) <sup>2</sup>	Sept. 21 '07	4.6	4.1	-0.2	0.5	4.6	
Real yield on HFF bonds (HFF150644) (%) <sup>2</sup>	Sept. 21 '07	4.3	4.0	-0.2	0.3	4.3	
Real yield on Treasury bonds (RIKS 15 1001) (%) <sup>2</sup>	Sept. 21 '07	2.6	4.2	2.6	-1.6	4.5	0.2
Average bank lending rate, non-indexed loans (%) <sup>2</sup>	Sept. 21 '07	19.2	18.8	-0.1	0.4	19.3	2.0
Average bank lending rate, indexed loans (%) <sup>2</sup>	Sept. 21 '07	8.4	7.2	-0.8	1.1	8.4	1.4
Exchange rate index of króna (Dec. 31 1991=100) <sup>2</sup>	Sept. 21 '07	117.3	123.1	-0.9	-5.8	120.9	-0.1

<sup>1.</sup> For comparability, financial companies which were reclassified as deposit money banks or moved into that category through mergers are included retrospectively for the entire period. This adjustment is made only for percentage changes and not applied to the original stock figures. 2. All figures except for two last columns are based on 4-week averages.

#### Inflation and inflation expectations

I-1

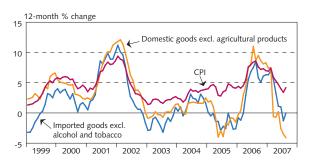
#### Consumer price inflation and core inflation



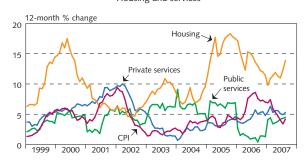
Consumer prices

Goods

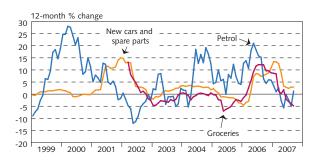
I-2



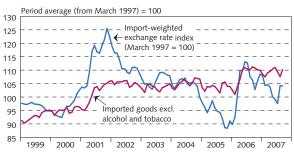
Consumer prices
Housing and services



I-4 Consumer prices Selected components



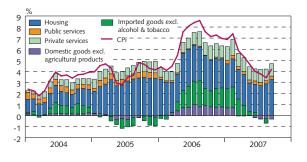
I-5 Prices of imported goods and exchange rate development Import-weighted exchange rate of the króna and prices of imported goods in the CP



I-6

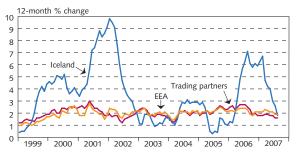
Components of CPI inflation

Contribution to inflation in past 12 months



Inflation in Iceland and trading partner countries

HICP inflation for all countries except national
CPI inflation for USA, Switzerland and Japan



Inflation expectations

Breakeven inflation rate at month-end and inflation expectations according to surveys



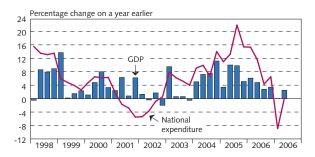
- 1. Spread between RIKB 13 0517 and RIKS 15 1001. 2. Spread between RIKB 13 0517 and HFF150914.
- 4

## II Output and demand

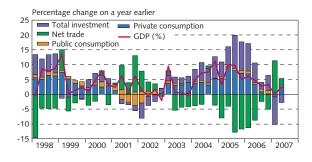
II-3

11-7

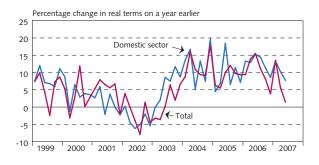
# II-1 Economic growth and national expenditure Quarterly data



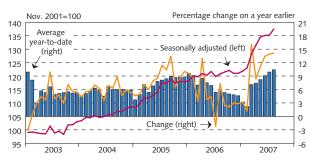
## Contributions to GDP growth Quarterly data



# II-5 Turnover based on VAT returns Seasonally adjusted



## Groceries turnover In real terms (deflated by the price of groceries in the CPI)



#### II-2

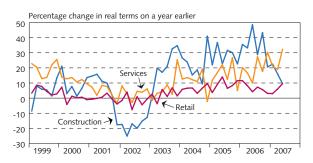
## Consumption and gross fixed capital formation Quarterly data



## Exports and imports of goods and services Quarterly data

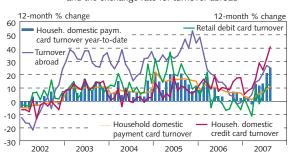


# II-6 Turnover based on VAT returns Selected sectors



## II-8 Payment card turnover

## Deflated by the CPI less housing cost for domestic turnover and the exchange rate for turnover abroad

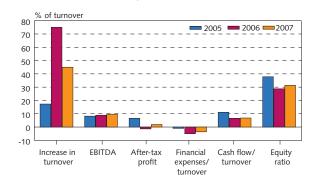


## II Output and demand

II-9

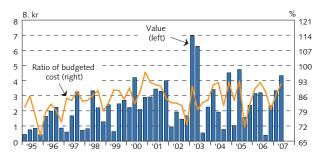
OMX-listed company turnover and profits

January-March 2005-2007



II-11 Contracts in public tenders

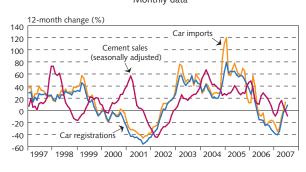
Value and as a ratio of budgeted cost



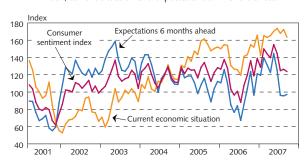
II-10

Car imports and registrations and cement sales

Monthly data



12
Consumer sentiment (Gallup)
Index, current situation and expectations six months ahead

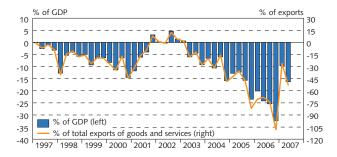


## III Foreign trade and external economic conditions

III-1

Current account balance

Quarterly data



III-3

Merchandise imports and exports<sup>1</sup>

12- and 3-month moving averages, at fixed exchange rates

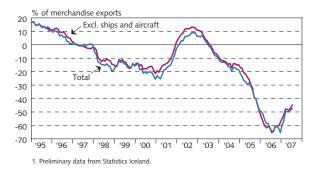


1. Preliminary data from Statistics Iceland.

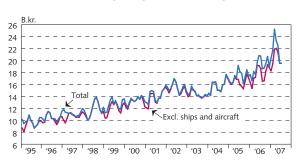
Merchandise trade balance<sup>1</sup>
12-month moving averages

III-2

III-4



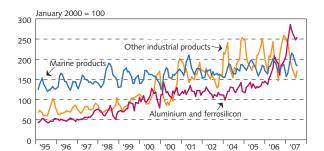
Merchandise exports
3-month moving averages, at fixed exchange rates



## III Foreign trade and external economic conditions

III-5

Merchandise exports by category

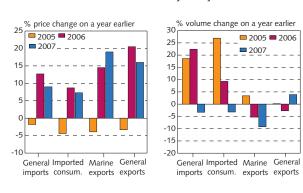


3-month moving averages, export value at fixed exchange rates

Seasonally adjusted merchandise imports
3-month moving averages, at fixed prices and exchange rate



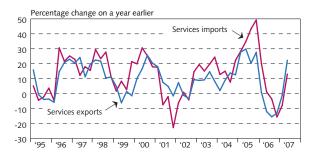
11-7 Merchandise trade in January - July 2005-2007



III-8

Services account

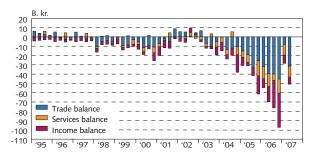
Quarterly data at fixed exchange rate



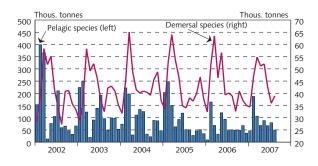
Components of current account

Net current transfer is included in factor income

III-9

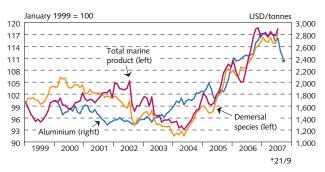


III-10 Fish catch volume Monthly data



III-11 Fish catch Marine export value January-July January-August 1,400 Thous. tonnes 70 <u>B.k</u>r. Other Demersal 60 species Meal 1,000 800 Pelagic species Salted 600 30 400 20 Frozen Crusta-200 ceans 2005 2006 2007 2005 2006 2007

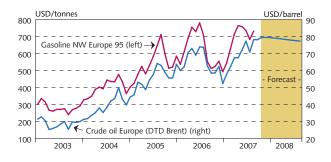
Export prices
Currency-weighted for marine exports and in USD for aluminium



III-12

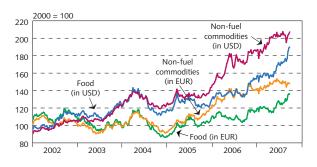
## III Foreign trade and external economic conditions

Crude oil and gasoline prices
Forecast based on Rotterdam futures prices



Commodity prices in international markets

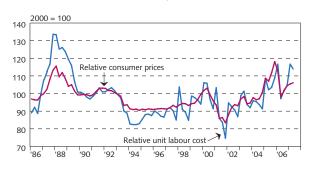
Weekly data



III-15

Real effective exchange rate of the króna

Quarterly data



III-16

Real effective exchange rate of the króna

Monthly data

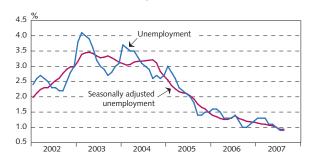


## IV Labour market and wages

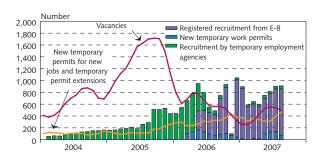
IV-1

Unemployment

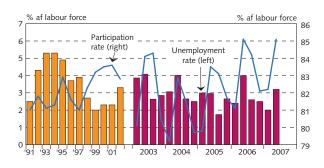
Percentage of labour force



IV-2 Foreign labour 3-month moving averages

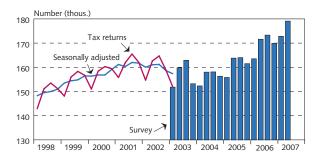


IV-3
Unemployment rate and labour participation rate
Statistics Iceland labour market survey



Number of employed persons

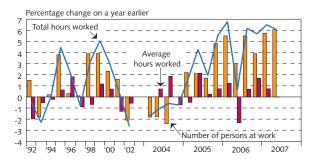
Based on income tax returns for 1988-2002
and Statistics Iceland labour market surveys since 2003



IV-4

## IV Labour market and wages

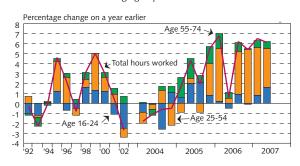
IV-5
Change in labour use
Survey-based



IV-6

Change in labour use

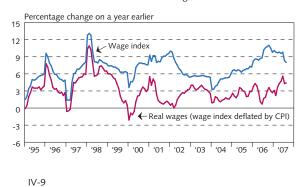
Contribution of age groups to total hours worked



IV-7

Nominal and real wages

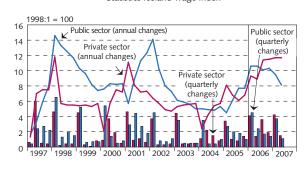
Statistics Iceland wage index



IV-8

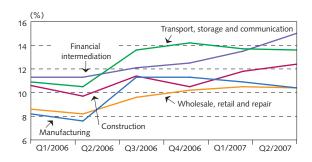
Wage changes by sectors

Statistics Iceland wage index



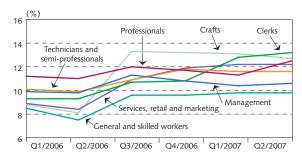
IV-10

Private sector wage index by sector Percentage change on a year earlier



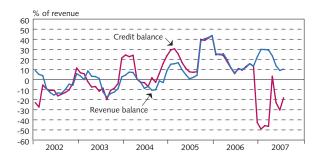
Private sector wage index by occupational group

Change on a year earlier (%)

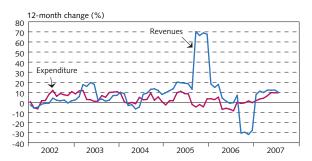


#### V Public finances

V-1
Treasury balance and net credit balance
4-month moving averages in real terms

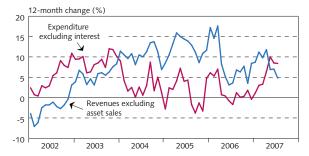


V-2
Regular Treasury revenues and expenditure
4-month moving averages in real terms



#### V Public finances

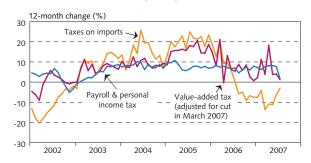
V-3
Regular revenues excluding asset sales, regular expenditure excluding interest
4-month moving averages in real terms



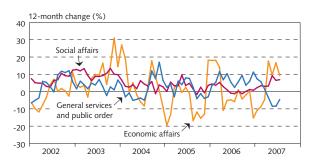
V-4

Tax revenues

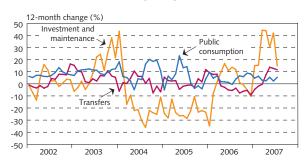
4-month moving averages in real terms



V-5
Treasury expenditures by function
4-month moving averages in real terms



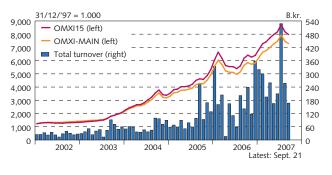
V-6
Treasury expenditures by type
4-month moving averages in real terms



#### VI Asset markets

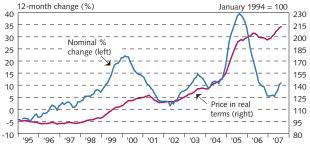
VI-3

VI-1 OMX equity market

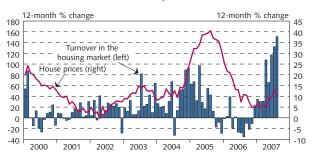


Monthly turnover and equity prices

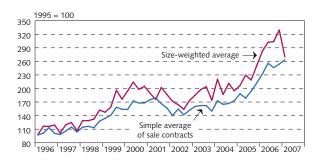
VI-2 Residential housing prices in Greater Reykjavík Price per m², 3-month moving averages



House prices in Greater Reykjavík Monthly data



Commercial property prices in Greater Reykjavík Weighted average of industrial, retail and office premises

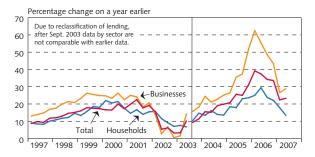


VI-4

#### VII Financial markets

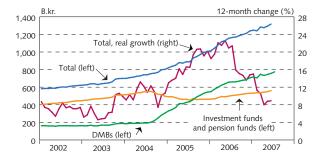
VII-1

## Credit system lending growth Quarterly data



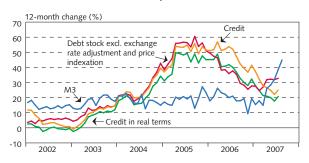
VII-2

## Household debt with main credit institutions Monthly data



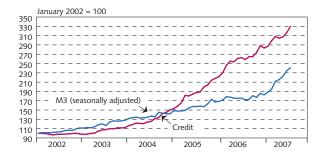
VII-3

## Growth of M3 and bank credit Monthly data



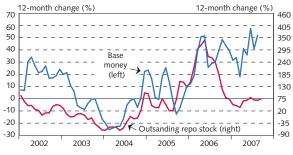
VII-4

## Growth of M3 and DMB's credit to domestic sector Monthly data



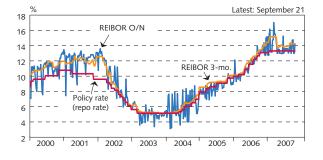
VII-5 Base money and repurchase agreements with the Central Bank

3-month moving averages



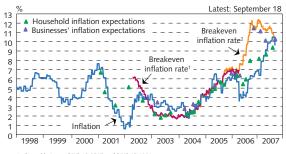
VII-6

## The Central Bank repo rate and interbank interest rates Weekly data



VII-7

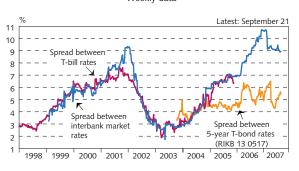
#### Central Bank policy interest rate in real terms Weekly data



Spread between RIKB 13 0517 and RIKS 15 1001
 Spread between RIKB 13 0517 and HFF150914.

VII-8

## Interest rate differential with abroad Weekly data



#### VII Financial markets

VII-9

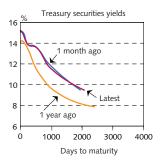
## Long-term nominal Treasury bond yields Dailly data



VII-10

#### Term structure of nominal interest rates Sept. 21, 2007



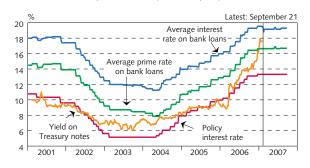


VII-11
Yields on indexed long-term bonds
Daily data



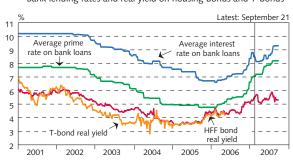
VII-12

## Average nominal interest rates Bank lending rates, T-note yields and policy interest rate



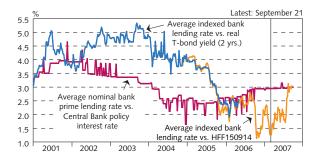
VII-13

## Average indexed interest rates Bank lending rates and real yield on housing bonds and T-bonds



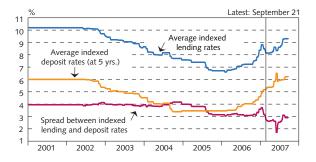
VII-14

# Interest rate spreads Between nominal bank prime rates and the policy rate; between indexed bank lending rates and T-bond yield



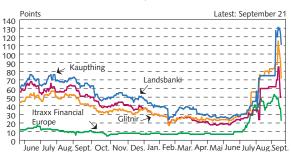
VII-15

## Bank lending and deposit rates Indexed terms



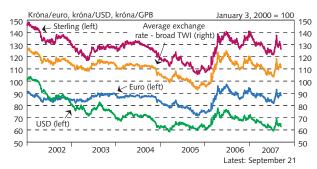
VII-16

## CDSs of Icelandic banks and Itraxx Financial Index Daily data



## VII Financial markets

VII-17 Exchange rate of the króna Daily data



VII-18 Nominal and real effective exchange rate of the króna Monthly averages

