

# Economic indicators



Central Bank of Iceland  
October 2003

## Overview of economic indicators

	Latest period	Latest value	Change (%)			Contribution to inflation (%)	12-mo. ch. 1 year ago (%)
			on prev. month	over 6 months <sup>2</sup>	over 12 months		
I Inflation and inflation expectations <sup>1</sup>							
Consumer price index.....	Oct. '03	229.0	0.5	1.8	2.2	.	2.9
Core index 1 (CPI excl. agric. prod., vegetables, fruit and petrol)	Oct. '03	129.8	0.5	2.7	2.9	2.6	3.8
Core index 2 (core index 1 excl. public services).....	Oct. '03	130.3	0.5	2.3	2.6	2.1	4.0
Domestic goods excl. agricultural products and vegetables .....	Oct. '03	128.3	0.2	0.5	0.1	0.0	3.2
Agricultural products and vegetables .....	Oct. '03	117.4	1.3	1.4	-1.3	-0.1	-1.7
Imported goods excl. alcohol and tobacco .....	Oct. '03	109.3	0.5	-2.0	-1.4	-0.5	0.6
- food and beverages.....	Oct. '03	119.5	2.0	-6.1	-6.7	-0.2	-3.6
- cars and spare parts .....	Oct. '03	116.3	0.5	3.0	2.4	0.2	1.9
- petrol.....	Oct. '03	118.9	-3.3	-12.6	-5.1	-0.2	-3.0
- imported goods excl. food and beverages.....	Oct. '03	101.4	1.1	-0.8	-1.3	-0.2	1.8
Housing.....	Oct. '03	171.1	0.5	9.4	10.3	1.7	6.1
Public services .....	Oct. '03	129.6	0.2	4.8	6.3	0.5	3.2
Private services .....	Oct. '03	137.0	0.4	1.6	1.5	0.3	5.9
Groceries (perishable items).....	Oct. '03	122.7	0.8	-0.2	-2.2	-0.4	.
Weighted import exchange rate index (Dec. 31 1994=100) .....	Sept. 30 '03	106.3	-0.5	8.5	-2.8	.	-9.5

	Latest period	Expected	Change	Exp.	12-mo	Expected annual	Perceived
		12 mo.	on prev.	survey	1 year ago	inflation over next 2 yrs.	inflation in past 12 mo.
Inflation premium on Treasury bonds <sup>3</sup> .....	Sept. 19 '03	.	.	.	.	1.6	2.0
Employers' inflation expectations .....	Sept. '03	2.9	-0.8	.	.	2.8	.
Public's inflation expectations.....	Oct. '03	3.1	-0.3	3.5	.	.	2.9

1. Index base periods: Consumer price index: May 1988=100; other price indices: March 1997=100. 2. Annualised inflation. 3. Inflation premium at 1, 2 and 3 years' maturity, based on the differential between non-indexed and indexed Treasury bond yields.

II Output and demand	Latest period	Latest value	Value 1 year ago	% change <sup>1</sup> on previous period		From beginn. of year; Change on Value prev. year (%) <sup>1</sup>	
				previous period	previous year	Value	prev. year
GDP (b.kr.).....	2003/Q2	196.4	193.3	.	2.7	390.2	2.9
National expenditure (b.kr.).....	2003/Q2	208.6	189.6	.	9.6	399.0	5.6
Private consumption (b.kr.).....	2003/Q2	112.4	104.6	.	7.4	216.4	6.4
Public consumption (b.kr.).....	2003/Q2	53.7	49.3	.	5.1	105.6	4.7
Gross fixed investment (b.kr.) .....	2003/Q2	42.7	36.5	.	17.2	78.2	3.0
Exports (b.kr.) .....	2003/Q2	66.4	79.3	.	-6.6	137.0	-1.4
Imports (b.kr.) .....	2003/Q2	-78.5	-75.5	.	10.4	-145.9	5.6
Turnover according to VAT statements (b.kr.) <sup>2</sup> .....	May-June '03	235.2	235.7	1.4	0.0	629.2	-2.2
Turnover in groceries stores (b.kr.).....	Sept. '03	104.6	99.1	-8.2	5.5	107.7	4.2
Credit and debit card turnover (b.kr.) <sup>2</sup> .....	Sept. '03	46.5	40.6	10.4	14.0	373.8	7.1
Turnover of publicly listed companies on ICEX (b.kr.).....	Jan.-June '03	184.2	180.0	.	.	184.2	2.3
Cement sales (thous. tons) .....	Sept. '03	16.2	12.2	27.8	33.0	99.9	18.8
Automobile registrations (number).....	Sept. '03	1,006	603	1.0	66.8	9,906	49.8

1. Change between periods is presented in real terms. 2. Change in seasonally adjusted values.

III Foreign trade and external economic conditions	Latest period	Latest value	Value 1 year ago	% change on previous period		From beginn. of year; Change on Value prev. year (%)	
				previous period	previous year	Value	prev. year
Price of marine products in foreign currency (Jan.1999=100)...	August '03	95.0	99.5	-1.9	-4.5	98.5	-4.7
Price of aluminium, LME cash price \$/t .....	Oct. '03	1,473	1,311	4.0	12.4	1,410	4.7
Price of crude oil (Brent) \$/b.....	Oct. '03	30.1	27.6	19.3	9.3	28.6	16.1
Groundfish (1,000 tonnes) .....	Sept. '03	41.7	40.8	28.8	2.3	375.4	2.3
Pelagics (1,000 tonnes) .....	Sept. '03	48.1	65.5	-50.9	-26.6	1,198.1	-18.2
Merchandise exports (b.kr.) <sup>1</sup> .....	August '03	15.0	14.8	-1.2	0.9	122.5	-5.2
- marine products (b.kr.) <sup>1</sup> .....	August '03	9.2	9.5	-9.8	-2.8	76.0	-7.5
- aluminium (b.kr.) <sup>1</sup> .....	August '03	2.9	3.2	20.7	-10.0	23.4	-7.0
- other industrial products (b.kr.) <sup>1</sup> .....	August '03	2.4	1.5	11.4	58.7	18.7	8.8
Merchandise imports (b.kr.) <sup>1</sup> .....	August '03	15.8	13.4	-22.7	17.5	129.3	8.6
Merchandise trade balance (b.kr.) <sup>1</sup> .....	August '03	-0.8	1.4	.	.	-6.8	.
Services exports (b.kr.) <sup>1</sup> .....	2003/Q2	22.6	25.1	6.4	-9.7	43.9	-9.3
Services imports (b.kr.) <sup>1</sup> .....	2003/Q2	27.9	26.6	13.0	5.2	52.7	4.5
Real effective exchange rate (relative CPI) (1980=100).....	2003/Q3	91.7	90.5	-4.5	1.3	94.0	6.8

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

IV Labour market and wages	Latest period	Latest value	Value 1 year ago	Change <sup>1</sup> from		From beginn. of year <sup>2</sup>	
				previous period	previous year	Average	Change on prev. year (%)
Number of unemployed listed at employment agencies.....	Sept. '03	3,904	3,178	-548	726	5,058	44.6
Registered unemployment, s.a. (% of total estim. labour force)	Sept. '03	3.6	2.9	0.1	0.7	3.4	1.0
Unemployment rate, labour force survey (biannual).....	2003/Q3	2.6	.	-1.5	.	3.5	.
Listed vacancies at employment agencies .....	Sept. '03	632	272	-25	132	476	96.6
New work permits issued.....	Sept. '03	131	90	157	46	581	-29.3
Work permits issued, total.....	Sept. '03	381	341	78	12	2,383	-12.3
Wage index (december 1988=100).....	Sept. '03	239.9	227.2	0.1	5.6	238.5	5.6
Real wages (wage index deflated by CPI).....	Sept. '03	131.5	127.3	-0.6	3.3	131.6	3.6

1. 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.

V Public finances	Latest period	Latest value	Value 1 year ago	% change on		From beginn. of year	
				previous period	previous year	Value	Change on prev. year (%)
Treasury revenue balance (billion kr.) .....	Sept. '03	-2.7	-1.9	-	-	-8.6	-
- as % of revenue .....	Sept. '03	-13.9	-9.8	-	-	-4.6	-
Net borrowing requirement (billion kr.) .....	Sept. '03	2.1	1.2	-	-	1.1	-
- as % of revenue .....	Sept. '03	10.8	6.2	-	-	0.6	-
Treasury revenue (b.kr.) .....	Sept. '03	19.6	19.0	-1.1	3.2	187.3	11.5
- from VAT (b. kr.) .....	Sept. '03	6.9	6.2	-0.5	11.3	56.3	10.2
- from payroll & personal income tax withheld (b.kr.) .....	Sept. '03	6.7	6.1	0.0	10.2	59.1	7.1
- from imports, alcohol, car ownership (b.kr.) .....	Sept. '03	1.6	1.4	3.9	16.2	13.1	13.1
Treasury expenditures (b.kr.) .....	Sept. '03	22.4	20.9	-4.0	7.1	195.9	6.2

Note: First four columns refer to 4 month moving averages of monthly values, the last two to totals for current year to date. All changes are in real terms.

VI Asset markets	Latest period	Latest value	Value 1 year ago	% change on		From beginn. of year	
				previous period	previous year	Aver- age <sup>2</sup>	Change on prev. year (%)
ICEX-15 monthly average (Dec. 1997=100).....	Sept. '03	1,791.1	1,294.1	10.7	38.4	1,481.2	15.8
ICEX Main monthly average (Dec. 1997=100) .....	Sept. '03	1,796.8	1,355.5	9.5	32.6	1,532.4	16.7
Turnover on Iceland Stock Exchange (ICEX), monthly (b.kr.)	Sept. '03	91.0	38.6	110.3	135.6	375.2	55.4
Residential housing price index, broad index <sup>1</sup> (Jan. 1999=100)	Sept. '03	161.8	142.8	-0.4	13.3	157.0	12.8
Real residential housing prices, narrow index <sup>1</sup> (Jan. 1996=100)	Aug. '03	144.5	128.4	1.1	12.6	139.2	9.6
Price of long-term cod quota (kr./kg.) .....	Sept. '03	1,200	980	0.0	22.4	1,213	35.0

1. In Greater Reykjavík Area. 2. Except for turnover which is cumulated to date.

VII Financial markets	Latest period	Latest value	Value 1 year ago	% change on		From beginn. of year	
				previous period	previous year	Aver- age	Change on prev. year (%)
Bank lending to domestic sector (b.kr.).....	Aug. 31 '03	783.8	685.2	2.5	13.2	-	-
- adjusted for estimated indexation effects on inflation- and exchange rate-linked loans (index) .....	Aug. 31 '03	183.0	158.3	2.2	14.4	-	-
- in real terms (January 1999=100) .....	Aug. 31 '03	141.4	126.4	1.8	11.9	-	-
Credit system total lending (b.kr.) .....	June 30 '03	2,133	1,931	5.2	10.5	-	-
M3 (b.kr.) .....	Aug. 31 '03	454.3	379.9	6.7	19.6	-	-
Central Bank policy interest rate (%) .....	Oct. 17 '03	5.3	6.8	0.0	-1.5	5.4	-3.5
Money market yield, 3-mo. (%) <sup>1</sup> .....	Oct. 17 '03	5.1	6.7	-0.1	-1.6	5.4	-4.2
Treasury bill yield, 3-mo. (%) <sup>1</sup> .....	Oct. 17 '03	4.5	6.9	-0.3	-2.4	5.0	-3.6
Treasury bill real yield, 3-mo., based on inflation premium (%) <sup>1</sup>	Oct. 17 '03	1.9	4.4	-0.2	-2.5	2.4	-3.3
Yield on Treasury notes (4 yrs., RIKB 07 0209) (%) <sup>1</sup> .....	Oct. 17 '03	6.3	7.4	-0.2	-1.1	6.7	-1.7
Yield on Treasury notes (10½ yrs., RIKB 13 0517) (%) <sup>1</sup> .....	Oct. 17 '03	7.4	7.6	0.0	-0.2	7.6	3.4
Real yield on housing bonds (25 yrs., IBH 26 0315) (%) <sup>1</sup> .....	Oct. 17 '03	4.5	5.4	0.0	-0.9	4.8	-1.0
Real yield on housing bonds (40 yrs., IBH 41 0315) (%) <sup>1</sup> .....	Oct. 17 '03	4.5	5.3	0.1	-0.8	4.7	-0.9
Real yield on Treasury bonds (5 yrs., RIKS 05 0410) (%) <sup>1</sup> .....	Oct. 17 '03	3.6	4.8	0.0	-1.2	4.1	-1.4
Real yield on Treasury bonds (15 yrs., RIKS 15 1001) (%) <sup>1</sup> .....	Oct. 17 '03	4.2	5.1	0.2	-0.9	4.5	-0.8
Average bank lending rate, non-indexed loans (%) <sup>1</sup> .....	Oct. 17 '03	11.8	13.9	-0.2	-2.1	12.1	-3.8
Average bank lending rate, indexed loans (%) <sup>1</sup> .....	Oct. 17 '03	9.0	10.1	-0.1	-1.1	9.2	-1.0
Exchange rate index of króna (Dec 31. 1991=100) <sup>1</sup> .....	Oct. 17 '03	125.6	129.2	-1.0	-2.7	123.1	-6.8

1. All figures except for two last columns are based on 4-week averages.

# I Inflation and inflation expectations

Fig. 1 Consumer price inflation and core inflation  
12-month % change

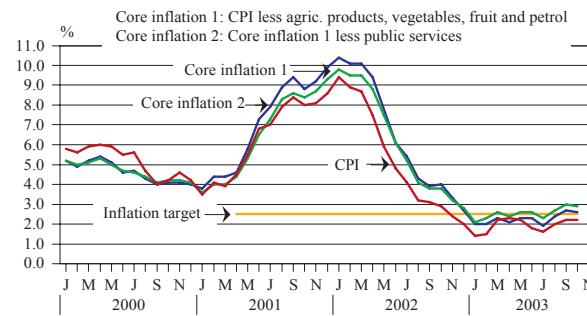


Fig. 2 CPI by origin  
12-month % change

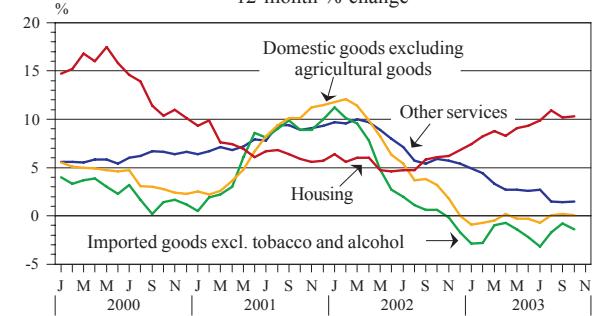


Fig. 3 Price of imported goods in the CPI and import-weighted exchange rate of the króna

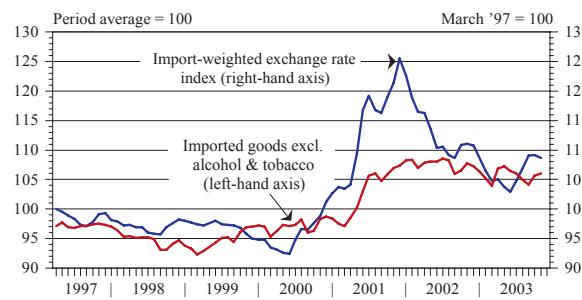


Fig. 4 Inflation in Iceland and trading partner countries  
12-month change in the HICP for all countries except national CPI inflation for USA, Switzerland and Japan

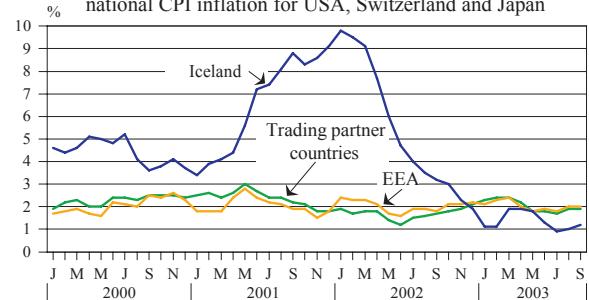


Fig. 5 Food, groceries and petrol prices  
12-month % change

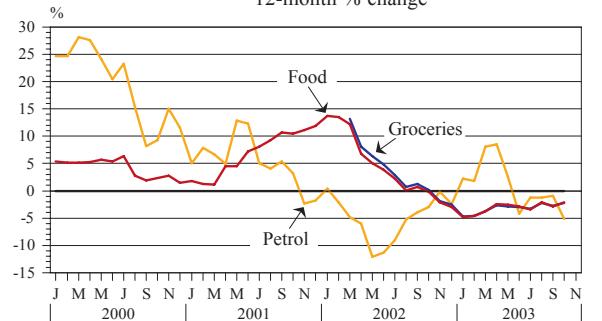
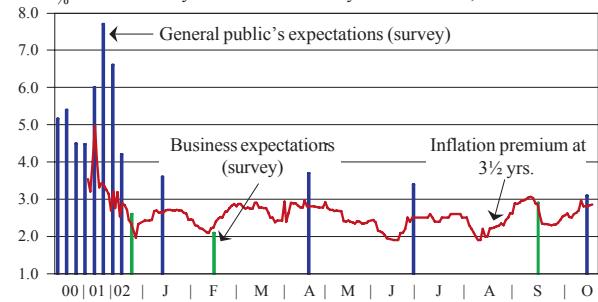


Fig. 6 Inflation expectations

At month-end January 2000 - Dec. 2002  
Daily observations January 1 - October 17, 2003



## II Output and demand

Fig. 7

### Quarterly national accounts data

Volume change from same quarter in previous year

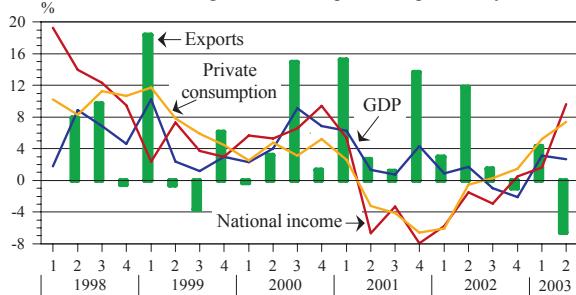


Fig. 8

### Turnover based on VAT statements

Data is seasonally adjusted and in real terms

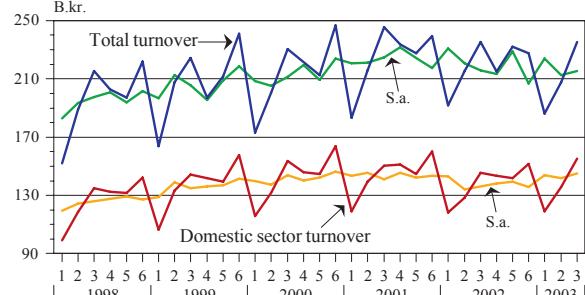


Fig. 9

### Groceries turnover

In real terms, deflated by the price of groceries in the CPI

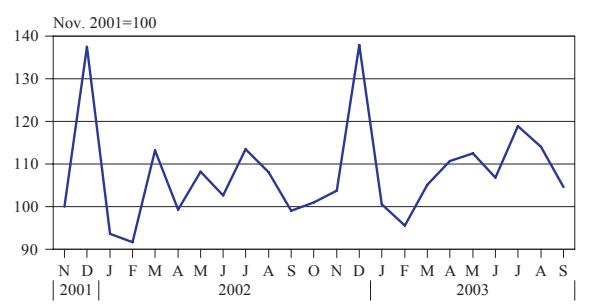


Fig. 10

### Credit card and debit card turnover

Change on same period in previous year, deflated using the CPI for domestic turnover and the exchange rate for turnover abroad



Fig. 11

### Company turnover and profits

January-June 2002 and 2003. Sample size: 38

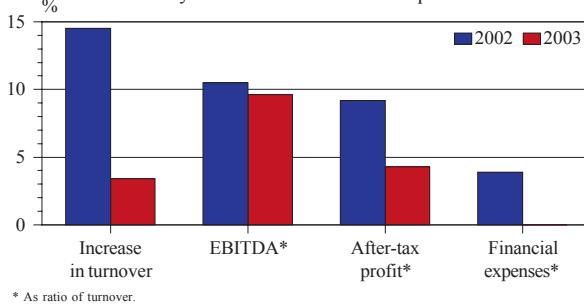


Fig. 12

### Cement sales and automobile registrations

12-month change

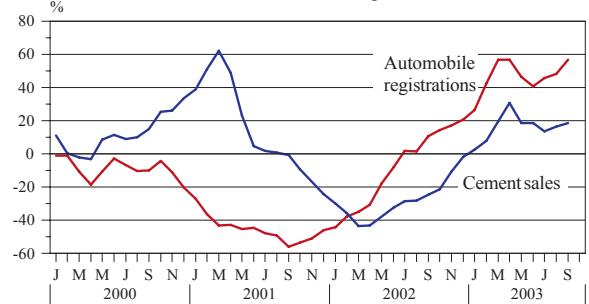


Fig. 13

### Value of contracts in public tender and the ratio of value to estimated costs

Quarterly weighted averages

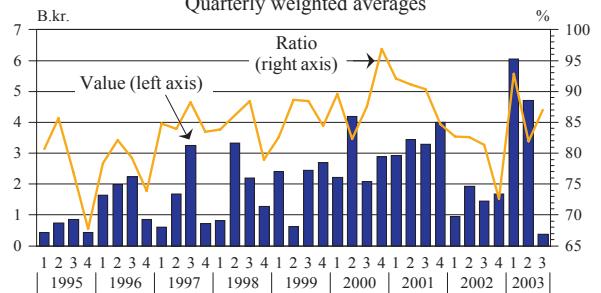
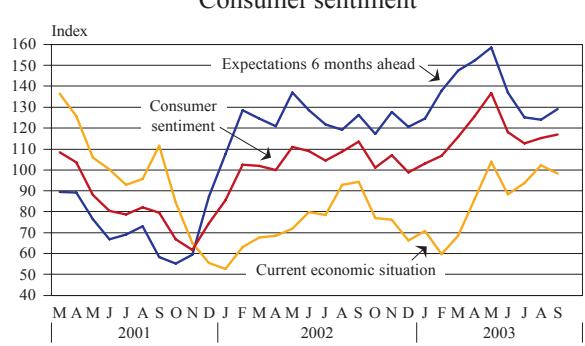


Fig. 14

### Consumer sentiment



### III Foreign trade and external economic conditions

Fig. 15

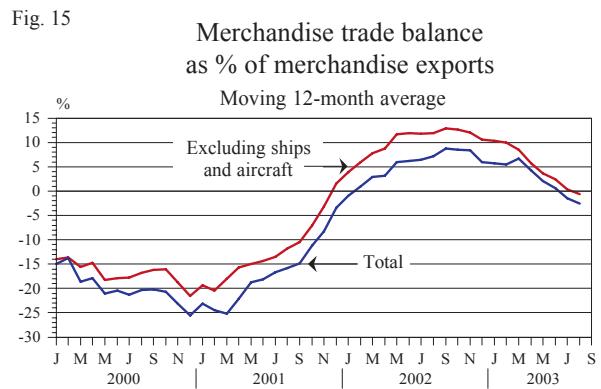


Fig. 16

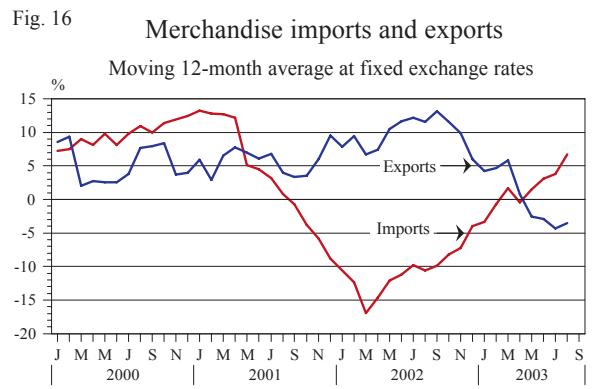


Fig. 17

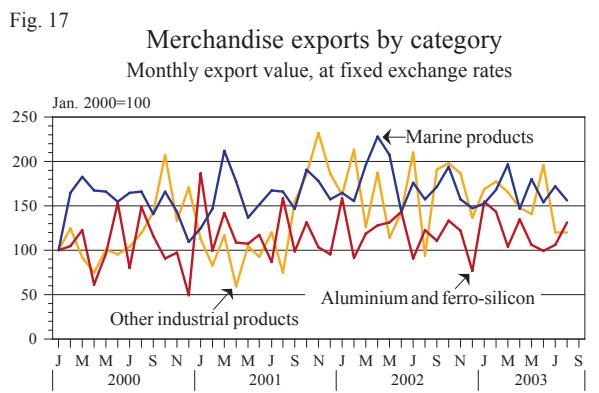


Fig. 18

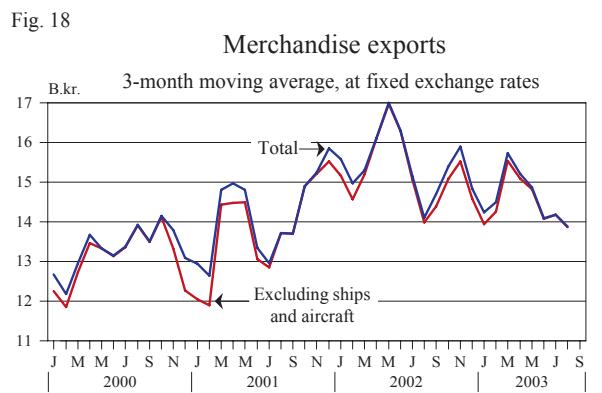


Fig. 19

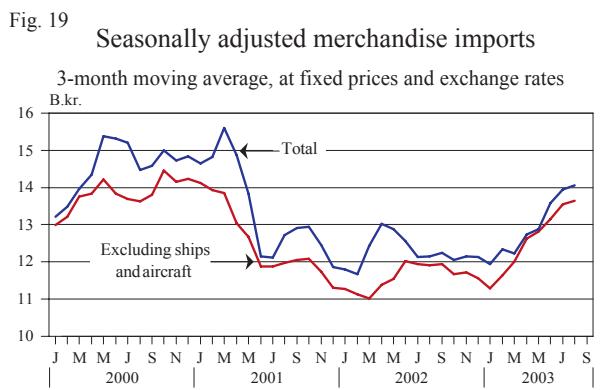


Fig. 20

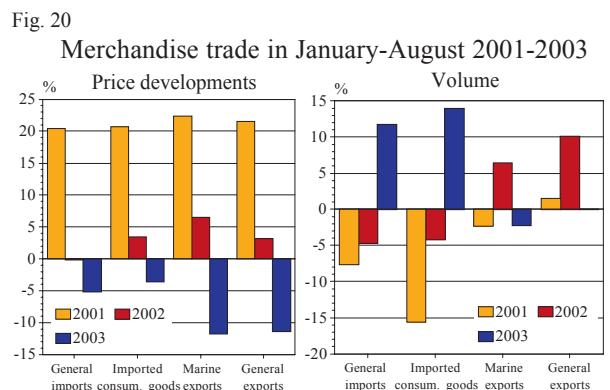


Fig. 21

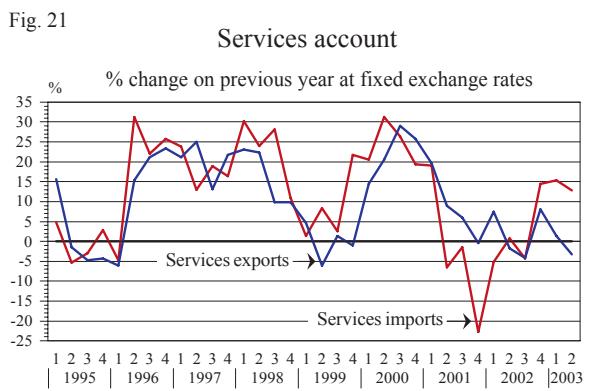
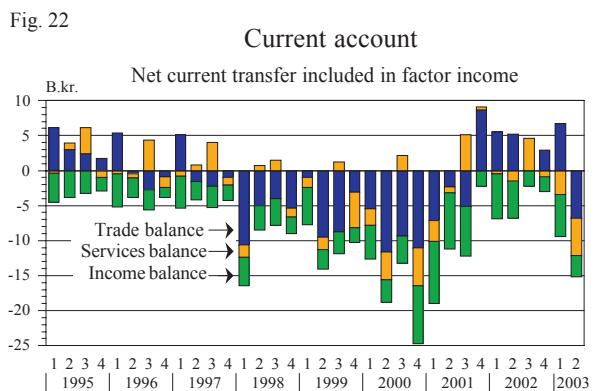
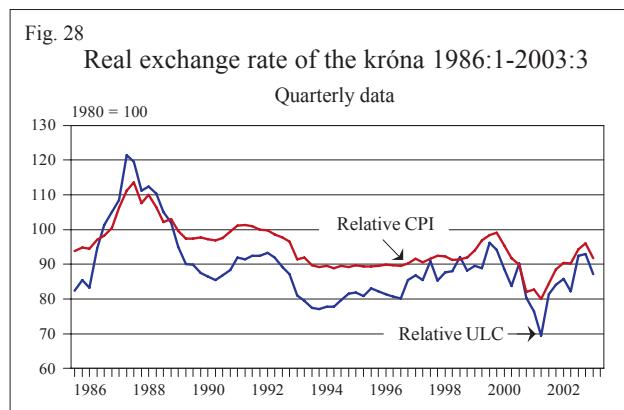
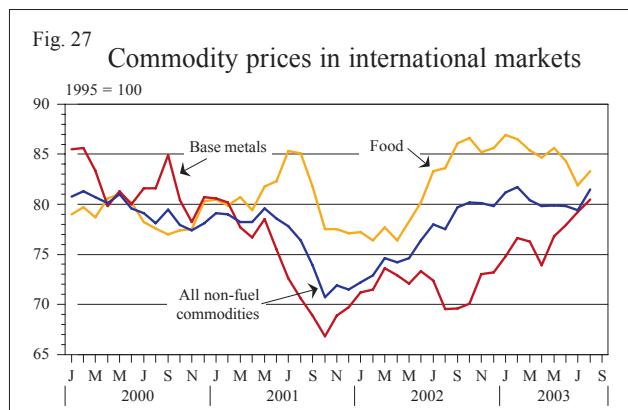
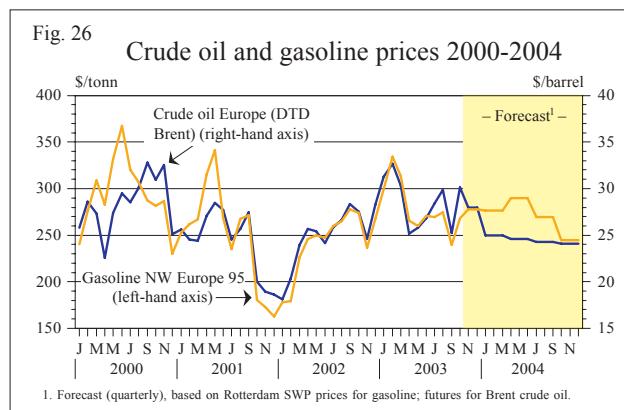
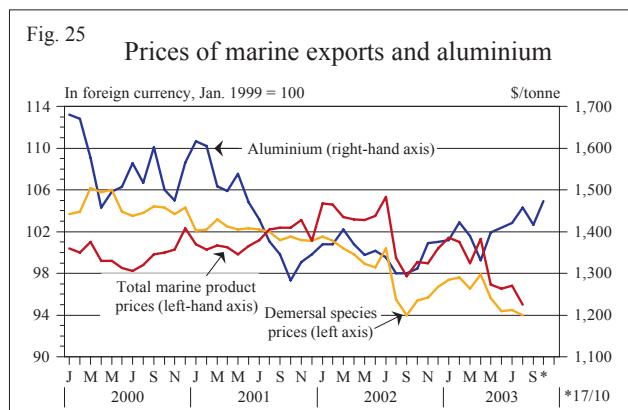
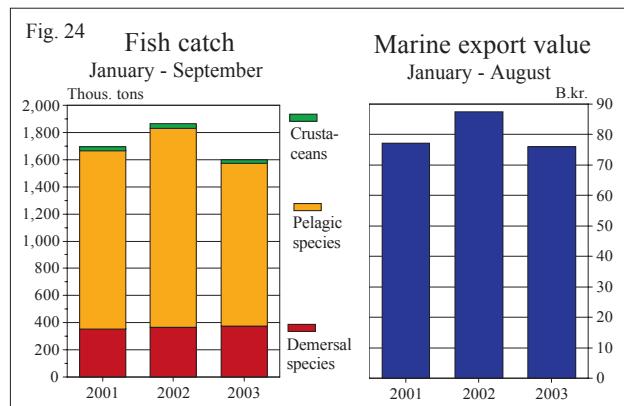
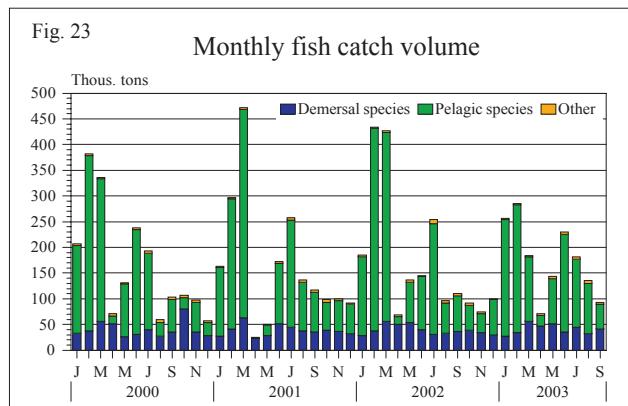


Fig. 22



### III Foreign trade and external economic conditions (cont.)



## IV Labour market and wages

Fig. 29

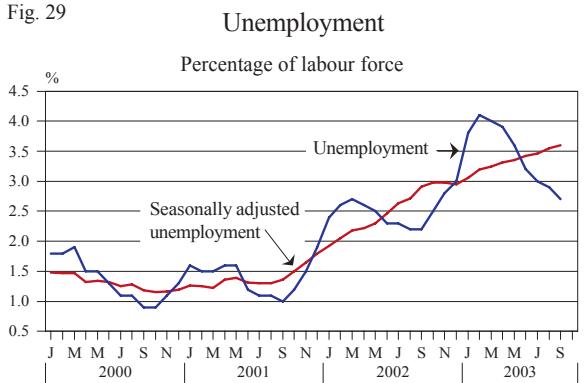


Fig. 30

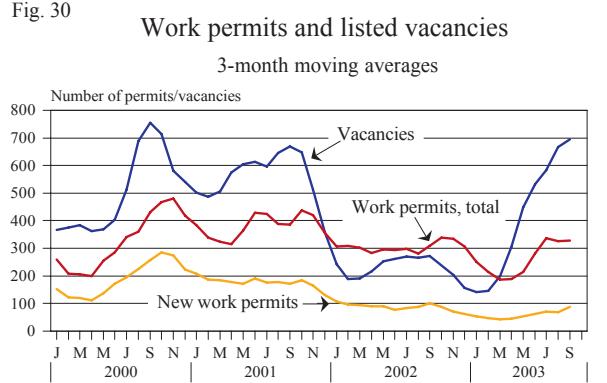


Fig. 31

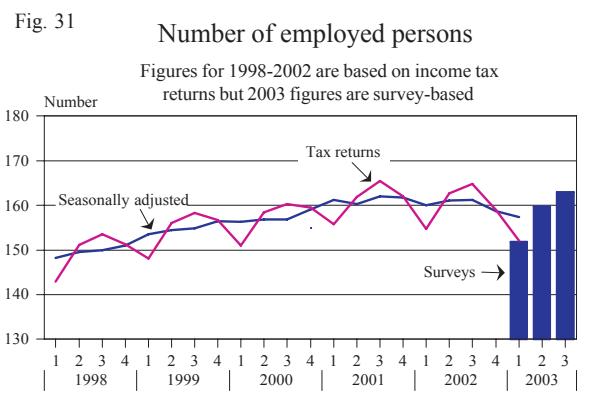


Fig. 32

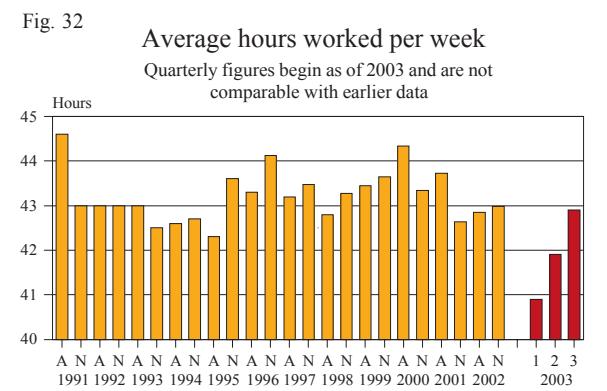


Fig. 33

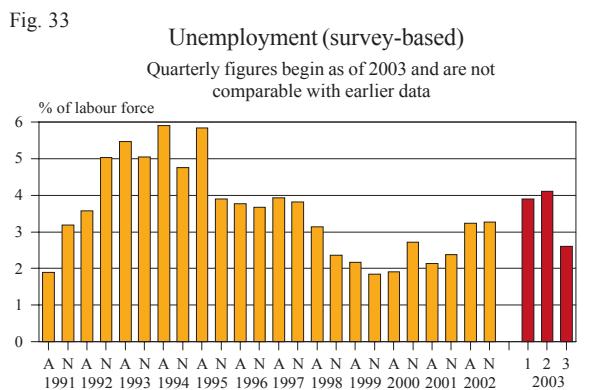


Fig. 34

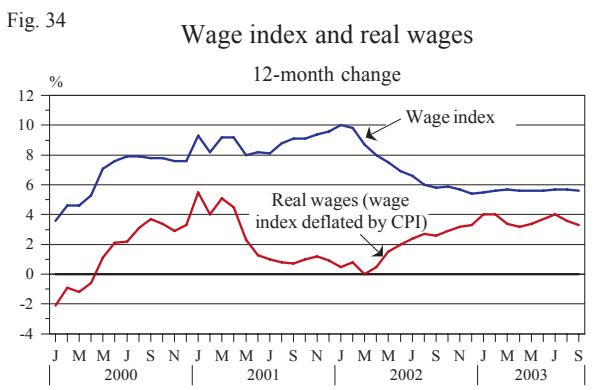
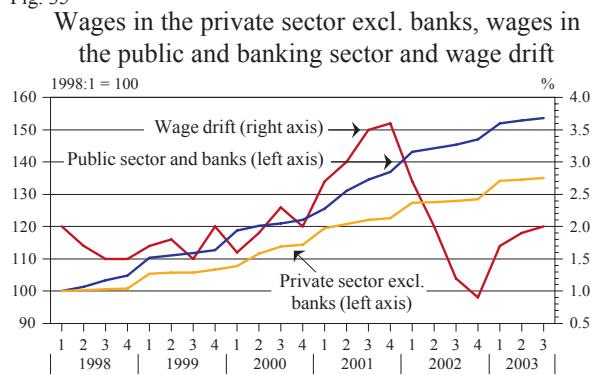
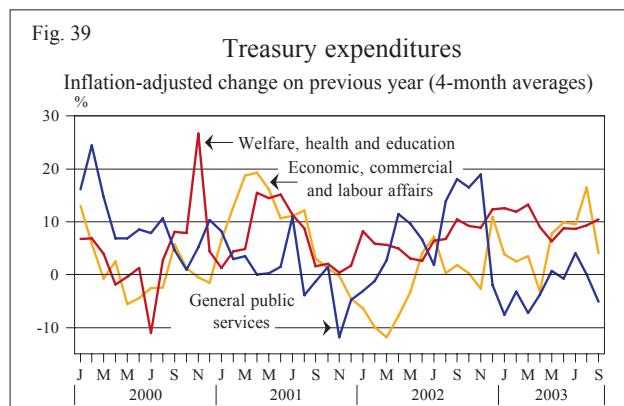
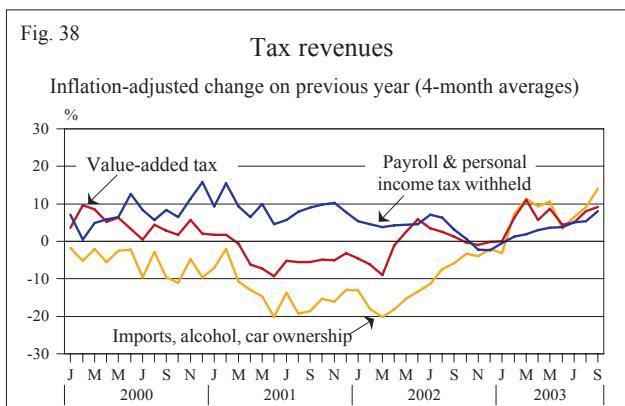
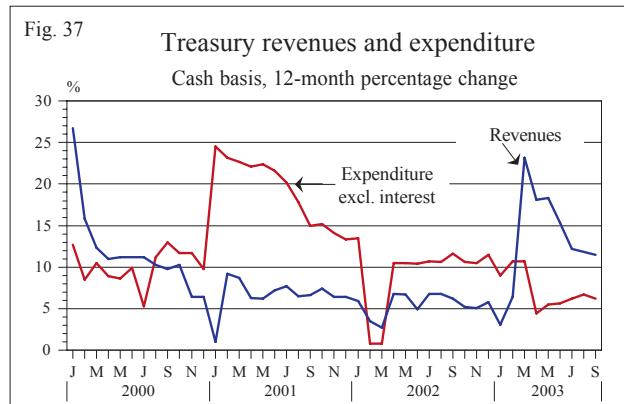
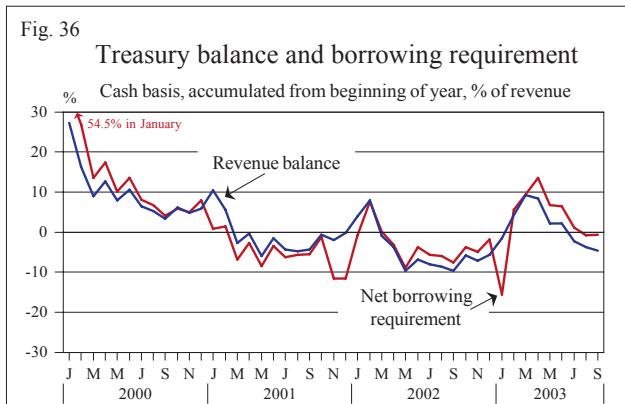


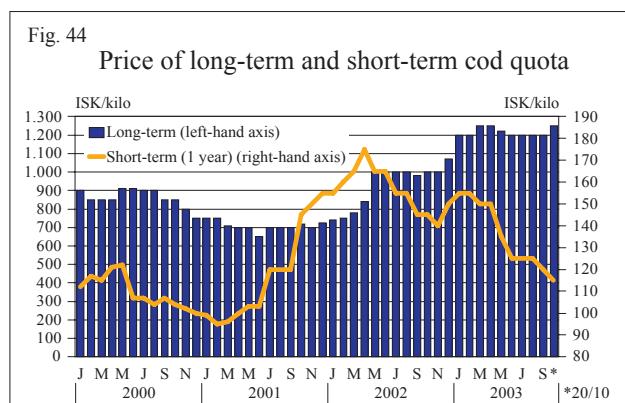
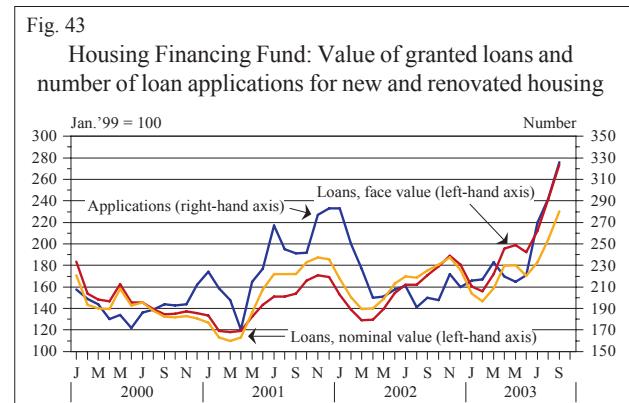
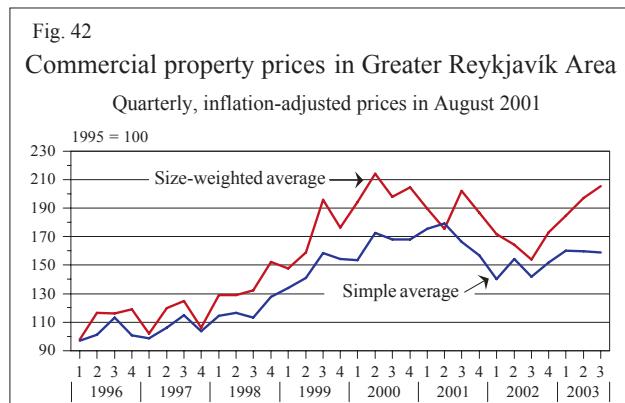
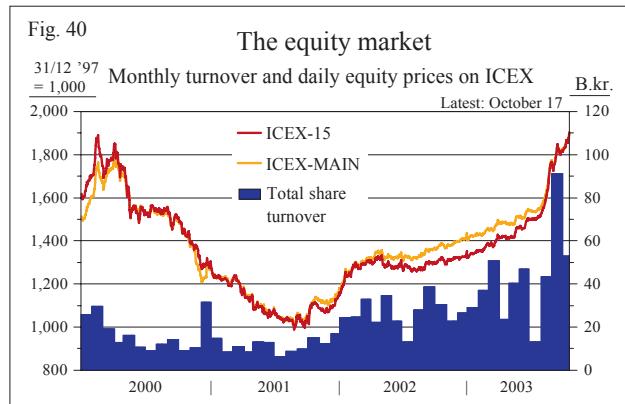
Fig. 35



## V Public finances



## VI Asset markets



## VII Financial markets

Fig. 45

### Credit growth

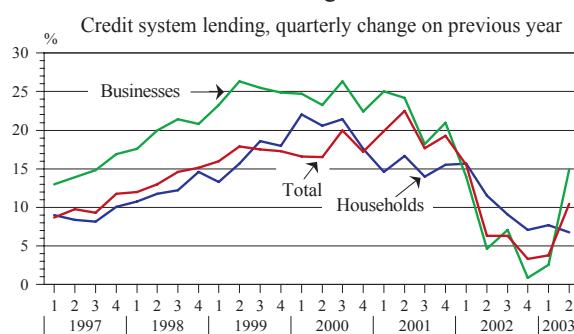


Fig. 46

### Growth of M3 and bank credit

(excluding market securities)

12-month change

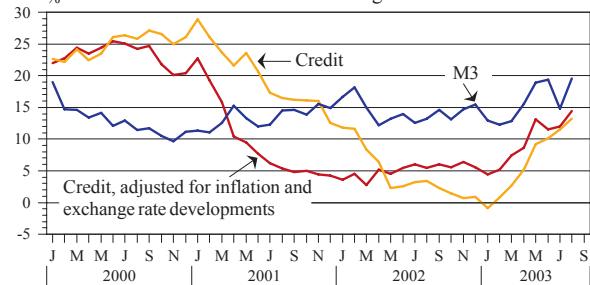


Fig. 47

### Real growth of M3 and bank credit

M3 is seasonally adjusted

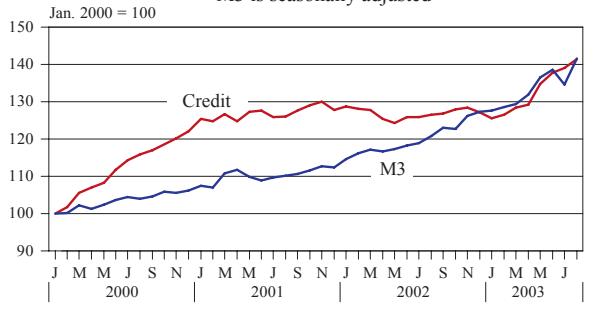


Fig. 48

### Base money and repurchase agreements with the Central Bank

12-month change between 3-month moving averages

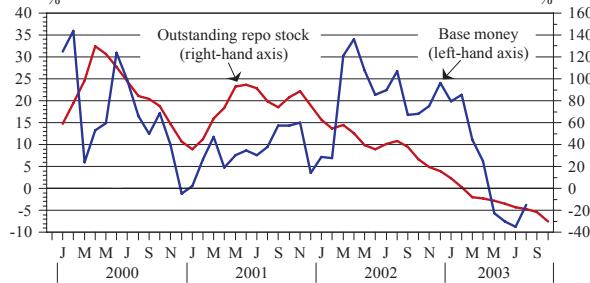


Fig. 49

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

Weekly data

Latest: October 17

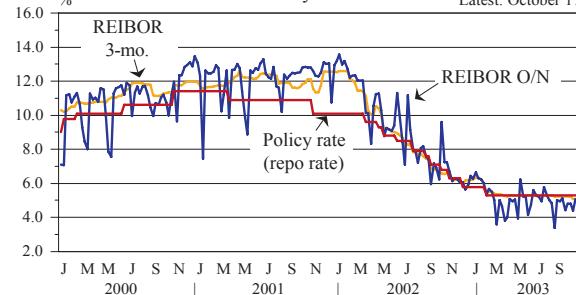


Fig. 50

### Short-term interest rates and interest rate spread

Weekly data

Latest: October 17

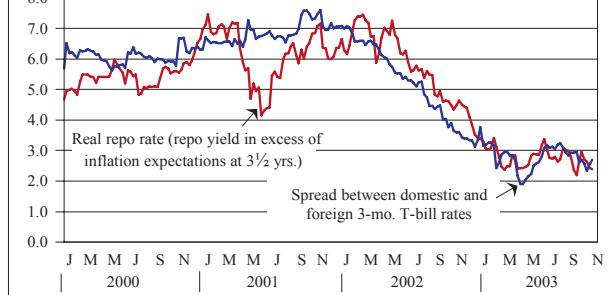


Fig. 51

### Long-term nominal Treasury bond yields

Daily data

Latest: October 17

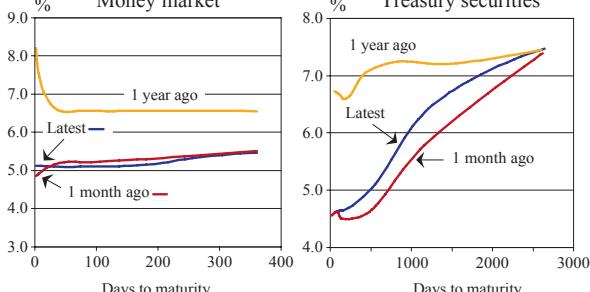


Fig. 52

### The term structure of nominal interest rates

October 17, 2003

Money market



Treasury securities

1 year ago (yellow line)

Latest (blue line)

1 month ago (red line)

## VII Financial markets (cont.)

