

# BULLETIN



CROATIAN NATIONAL BANK

## 188

Year XIX • January 2013





HNB

**BULLETIN 188**

## PUBLISHER

Croatian National Bank  
Publishing Department  
Trg hrvatskih velikana 3, 10002 Zagreb  
Phone: +385 1 45 64 555  
Contact phone: +385 1 45 65 006  
Fax: +385 1 45 64 687

[www.hnb.hr](http://www.hnb.hr)

Release dates are disseminated on the advance release calendar posted for Croatia on the IMF's DSBB (<http://dsbb.imf.org>).  
Those using data from this publication are requested to cite the source.  
Any additional corrections that might be required will be made in the website version.

Printed in 400 copies

ISSN 1331-6028 (print)  
ISSN 1334-0050 (online)



HNB

CROATIAN NATIONAL BANK

## **BULLETIN 188**

Zagreb, January 2013

# General information on Croatia

## Economic indicators

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Area (square km)	56,538	56,538	56,538	56,538	56,538	56,538	56,538	56,538	56,538	56,538	56,538
Population (million)	4.440	4.440	4.440	4.439	4.442	4.440	4.436	4.434	4.429	4.418	4.402
GDP (million HRK, current prices) <sup>a</sup>	192,289	208,796	228,932	247,428	266,652	291,044	318,308	343,412	328,672	326,980*	333,956*
GDP (million EUR, current prices)	25,738	28,189	30,265	33,009	36,034	39,745	43,390	47,543	44,781	44,876*	44,922*
GDP per capita (in EUR)	5,797	6,349	6,816	7,436	8,112	8,951	9,781	10,722	10,111	10,158*	10,205*
GDP – real year-on-year rate of growth (in %)	3.7	4.9	5.4	4.1	4.3	4.9	5.1	2.1	-6.9	-1.4*	0.0
Average year-on-year inflation rate <sup>b</sup>	3.8	1.7	1.8	2.1	3.3	3.2	2.9	6.1	2.4	1.1	2.3
Current account balance (million EUR)	-785	-2,032	-1,821	-1,361	-1,899	-2,644	-3,151	-4,256	-2,279	-449.9	-393.9
Current account balance (as % of GDP)	-3.0	-7.2	-6.0	-4.1	-5.3	-6.7	-7.3	-9.0	-5.1	-1.0	-0.9
Exports of goods and services (as % of GDP)	42.0	39.5	43.4	43.1	42.4	42.7	42.1	41.7	36.4	39.5	41.8
Imports of goods and services (as % of GDP)	46.8	48.8	50.0	48.9	48.3	49.2	49.3	49.7	39.8	38.6	40.9
External debt (million EUR, end of year) <sup>c</sup>	13,609	15,144	19,884	22,933	25,990	29,725	33,721	40,590	45,244	46,483	45,734
External debt (as % of GDP)	52.9	53.7	65.7	69.5	72.1	74.8	77.7	85.4	101.0	101.2	99.6
External debt (as % of exports of goods and services)	126.0	136.1	151.4	161.1	170.2	175.3	184.6	204.6	277.3	262.4	243.3
External debt service (as % of exports of goods and services) <sup>c,d</sup>	27.5	27.5	21.3	22.5	25.0	37.3	35.1	29.6	47.2	41.9	36.9
Gross international reserves (million EUR, end of year)	5,334	5,651	6,554	6,436	7,438	8,725	9,307	9,121	10,376	10,660	11,195
Gross international reserves (in terms of months of imports of goods and services, end of year)	5.3	4.9	5.2	4.8	5.1	5.4	5.2	4.6	7.0	7.2	7.2
National currency: Croatian kuna (HRK)											
Exchange rate on 31 December (HRK : 1 EUR)	7.3700	7.4423	7.6469	7.6712	7.3756	7.3451	7.3251	7.3244	7.3062	7.3852	7.5304
Exchange rate on 31 December (HRK : 1 USD)	8.3560	7.1457	6.1185	5.6369	6.2336	5.5784	4.9855	5.1555	5.0893	5.5683	5.8199
Average exchange rate (HRK : 1 EUR)	7.4710	7.4070	7.5642	7.4957	7.4000	7.3228	7.3360	7.2232	7.3396	7.2862	7.4342
Average exchange rate (HRK : 1 USD)	8.3392	7.8725	6.7044	6.0312	5.9500	5.8392	5.3660	4.9344	5.2804	5.5000	5.3435
Consolidated general government overall fiscal balance (as % of GDP) <sup>e</sup>	-5.9	-4.3	-5.4	-4.2	-3.5	-3.4	-3.0	-2.1	-4.6	-5.3	-5.3
Public debt (as % of GDP) <sup>f</sup>	35.2	34.8	35.4	37.6	38.2	35.4	32.9	29.3	35.8	41.3	45.7
Unemployment rate (ILO, persons above 15 years of age)	15.8	14.8	14.3	13.8	12.7	11.2	9.6	8.4	9.1	11.8	13.5
Employment rate (ILO, persons above 15 years of age)	41.8	43.3	43.1	43.5	43.3	43.6	44.2	44.5	43.3	41.1	39.5

<sup>a</sup> GDP data for 2010 and 2011 are preliminary. In May 2012, the CBS published the revised time series of GDP data for the 1995-2009 period, with the revised data for 2010 and 2011 to be published at the end of June.

<sup>b</sup> CPI inflation rate.

<sup>c</sup> In accordance with the obligations assumed during the pre-accession negotiations with the European Commission, the new legislative provisions governing the monitoring of foreign borrowing entered into force early in 2008. The external debt balance at end-2007 is reported in accordance with the old system. In order to provide for the comparability of annual data, the external debt is also calculated in accordance with the new system which shows an upward adjustment in the end-2007 balance, increasing it by EUR 365m or to EUR 34,086m. The advanced data processing system is in use since early 2009. For comparability reasons, the external debt balance at end-2008 is also calculated in accordance with the advanced system which shows an upward adjustment in the end-2008 balance, increasing it by EUR 366m or to EUR 40,956m.

<sup>d</sup> Includes principal payments on bonds, long-term trade credits and long-term loans (excluding liabilities to affiliated enterprises), as well as total interest payments net of interest payments on direct investment.

<sup>e</sup> The overall fiscal balance (GFS 2001) in the 1999-2001 period is shown on a cash basis and from 2002 on a modified accrual basis. CM, CR, CPF and DAB are included from 2001, but CM has been excluded since 2008. Repayments of debt to pensioners are included in the calculation of the balance (for more details on the methodology of the balance calculation, see Box 4 in CNB Bulletin No. 165).

<sup>f</sup> Public debt is the debt of the general government. From 2008 on, it excludes the debt of CM.

Sources: CBS, MoF and CNB.

# Contents

## Information on economic trends

Summary	3
Real sector	3
Trade in goods	6
Employment and wages	7
Prices	7
Exchange rate	8
Money market and interest rates	9
Monetary developments	12
External debt	14
Government finance	15

## Statistical survey

### Classification and presentation of data on claims and liabilities

A Monetary and credit aggregates	20
Table A1 Monetary and credit aggregates	20

### B Monetary institutions

Table B1 Monetary survey	21
Table B2 Number of reporting banks and savings banks and their classification by total assets	22

### C Monetary authorities

Table C1 Monetary authorities accounts	23
--	----

### D Banks

Table D1 Banks' accounts	25
Table D2 Banks' foreign assets	26
Table D3 Banks' claims on the central government and funds	27
Table D4 Banks' claims on other domestic sectors	27
Table D5 Distribution of banks' loans by domestic institutional sectors	28
Table D6 Demand deposits with banks	28
Table D7 Time and savings deposits with banks	29
Table D8 Foreign currency deposits with banks	29
Table D9 Bonds and money market instruments	30
Table D10 Banks' foreign liabilities	30
Table D11 Central government and funds' deposits with banks	31
Table D12 Restricted and blocked deposits with banks	31

### E Housing savings banks

Table E1 Housing savings banks' accounts	33
--	----

### F Monetary policy instruments and liquidity

Table F1 Credit rates of the Croatian National Bank	34
Table F2 Deposit rates of the Croatian National Bank	35
Table F3 Banks' reserve requirements	36
Table F4 Banks' liquidity indicators	37

### G Financial markets

Table G1 Banks' interest rates on kuna credits not indexed to foreign currency	38
--	----

Table G2 Banks' interest rates on kuna credits indexed to foreign currency and on credits in euros	39
Table G3 Banks' interest rates on kuna deposits not indexed to foreign currency	40
Table G4a Banks' interest rates on kuna deposits indexed to foreign currency and on foreign currency deposits	41
Table G4b Banks' interest rates on kuna deposits indexed to foreign currency and on foreign currency deposits	42
Table G5 Banks' trade with foreign exchange	43

## H International economic relations

Table H1 Balance of payments – summary	44
Table H2 Balance of payments – goods and services	45
Table H3 Balance of payments – income and current transfers	46
Table H4 Balance of payments – direct and portfolio investments	47
Table H5 Balance of payments – other investment	48
Table H6 Balance of payments – summary	50
Table H7 International reserves and banks' foreign currency reserves	51
Table H8 International reserves and foreign currency liquidity	52
Table H9 Midpoint exchange rates of the Croatian National Bank (period average)	54
Table H10 Midpoint exchange rates of the Croatian National Bank (end of period)	55
Table H11 Indices of the effective exchange rate of the kuna	56
Table H12 Gross external debt by domestic sectors	57
Table H13 Public sector gross external debt, and publicly guaranteed and non-publicly guaranteed private sector gross external debt	59
Table H14 Gross external debt by domestic sectors and projected future payments	60
Table H15 Gross external debt by other sectors	62
Table H16 International investment position – summary	64
Table H17 International investment position – direct investment	65
Table H18 International investment position – portfolio investment	65
Table H19 International investment position – other investment	66

## I Government finance – selected data

Table I1 Consolidated central government according to the government level	67
Table I2 Budgetary central government operations	68
Table I3 Central government debt	69

## J Non-financial statistics – selected data

Table J1 Consumer price and producer price indices	70
Table J2 Core consumer price indices	71
Table J3 Average monthly net wages	71
Table J4 Consumer confidence index, consumer expectations index and consumer sentiment index	72

## List of banks and savings banks

	73
--	----

## Management of the Croatian National Bank

	74
--	----

## Abbreviations and symbols

	75
--	----







---

# Information on economic trends



## Summary

Economic activity in the last quarter of 2012, as suggested by available monthly indicators, seems to have declined again, after being stagnant in the third quarter. Adverse labour market movements continued during October and November, with diminishing consumer confidence and a fall in industrial output and retail trade. On the positive side, exports accelerated and construction activity intensified in October. Monetary developments were marked by continued high liquidity in the banking system, declining outstanding loan portfolios of banks and their external deleveraging. Cumulative budget revenues grew substantially, but, contrary to the original budget, expenditures also increased. The recent downgrade of Croatia's sovereign bond rating has caused no major increase in the risk premium, which remained relatively high compared to that in other Central and Eastern European countries. In view of continuing uncertainty in the international environment, the overall trends still do not suggest that the economy has started to recover.

Available monthly indicators for the last quarter of 2012 point to an economic downturn at the end of the year. Total volume of industrial output decreased in October and November from the third quarter, as did retail trade turnover. The business confidence surveys conducted in the October-December 2012 period suggest a further weakening of business optimism, accompanied by a continued erosion of consumer confidence. In contrast to this, total volume of construction works increased in October from September, but it is difficult to tell whether this signals a halt to the downward trend.

Total growth of goods exports accelerated during October and November (seasonally adjusted, they were up 8.2% on the third quarter), primarily due to higher exports of ships. The fall in exports of oil and refined petroleum products slowed down, while the exports of other goods continued to recover. A marked decline in the imports of other goods adversely affected total goods imports (which dropped by 4.3% from the previous quarter, seasonally adjusted). However, the imports of oil and refined petroleum products, and other transport equipment went up.

Negative developments in the labour market intensified during October and November, with employment continuing to decline rapidly and unemployment increasing. Real wages also continued to decline. The Labour Force Survey unemployment rate was 15.1% in the first three quarters of 2012, a marked increase from the same period in 2011 (13.3%).

Consumer price inflation slowed down from 4.8% in October to 4.4% in November. As in October, this was mostly due to a slowdown in the growth of unprocessed food product prices (especially of vegetables) and energy (refined petroleum products). Core inflation also eased, from 2.3% to 2.2%.

Benchmark interest rates in the eurozone financial markets remained low in November-December 2012. Global risk appetite did not change significantly over the reference period, which led to the stabilisation of risk premiums in European emerging markets. While a credit rating agency lowered Croatia's credit rating to a non-investment grade, the country's risk premium has not changed markedly. With slightly lower costs of financing for the largest foreign parents of domestic banks, this event did not significantly hinder domestic sectors' access to foreign capital.

The kuna/euro exchange rate remained stable in December, moving within a narrow range around its average value of EUR/HRK 7.53. At end-December, the exchange rate stood at EUR/HRK 7.55 and was equal to that at the end of the previous month, and only slightly lower than at the end of 2011 (EUR/HRK 7.53).

Thanks to very strong liquidity in the domestic banking system during the fourth quarter of 2012, money market interest rates, which had risen briefly in August and early September, fell again at the end of December, to the levels of the first half of 2012 (below 1%). Yields on T-bills also dropped in the same period. Against a background of favourable financial system liquidity, bank interest rates stabilised, after a slight, short-lived increase during the summer months.

Monetary trends in November were marked by a continued decline in bank lending to the non-banking sector and by bank external deleveraging. Excluding the exchange rate effects, bank lending fell by HRK 1.2bn or 0.5% at the monthly level. A fall in domestic lending paralleled with a rise in deposits enabled banks to reduce foreign liabilities by HRK 2.6bn in November, and thus continue their foreign deleveraging. Concurrently, due to the inflow of assets from bonds issued by HEP d.d. (Croatian Electricity Company) in the foreign market, foreign currency corporate deposits and total liquid assets (M4) increased.

Net external debt of domestic sectors did not change significantly during October 2012, as the fall in gross debt almost equalled the fall in claims (by EUR 0.4bn). The fall in gross external debt was mostly due to continued external deleveraging of banks, while external liabilities of private enterprises increased. External public sector debt, which had surged in the previous part of the year, remained unchanged in October.

Consolidated central government revenues increased by 2.1% in the first ten months of 2012 from the same period in 2011. Expenditures rose by 0.6%, although the 2012 budget had envisaged their substantial reduction. As a result, revised state budgets and amendments to the financial plans of extrabudgetary users were enacted in November, increasing significantly the consolidated central government expenditures. The overall fiscal deficit decreased by HRK 1.2bn from the same period in 2011, and stood at HRK 9.8bn in the January-October 2012 period. With the bulk of the deficit financed by new borrowing, central government debt continued to surge, reaching HRK 174.5bn at end-October, up HRK 20.5bn from the end of 2011. The huge increase in government debt was also due to the assumption of shipyards' liabilities as public debt.

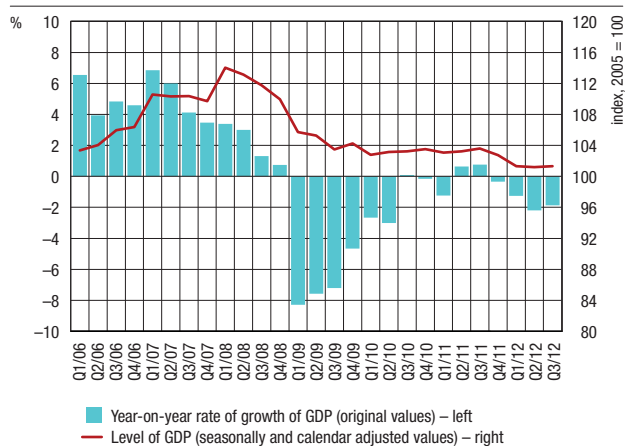
## Real sector

Following a sharp decline early in the year and stagnation during the next two quarters, economic activity seems to have declined again in the last quarter of 2012, as suggested by the available data for October and November.

As for the third quarter, the available detailed CBS data on GDP (seasonally adjusted) confirm that economic activity held steady at approximately the same level as in the previous two quarters. Movements in individual GDP components suggest further weakening of domestic demand, offset by a concurrent strengthening of foreign demand. Investment and personal consumption continued to decline, together with government consumption, which shrank again after a recovery in the second quarter. By contrast, the favourable effect of foreign demand on economic activity seems to be primarily due to stronger demand for tourist services. The imports of goods and services increased slightly.

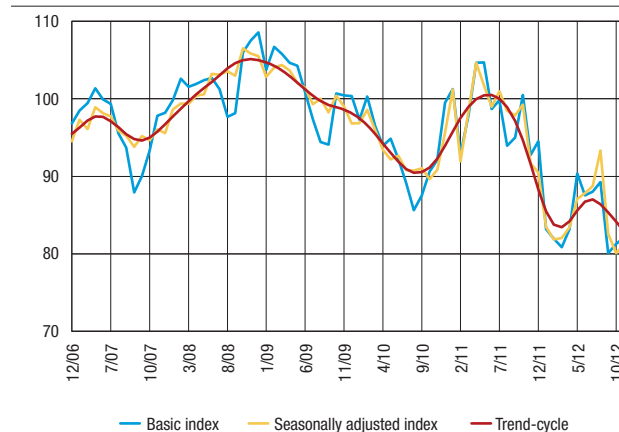
The annual GDP growth rate was negative (-1.9%) in this period, slowing down only slightly from the annual growth rate in the previous quarter (-2.2%). For the first three quarters, real GDP decreased by 1.8% from the same period in 2011. Only exports of goods and services remained stagnant, while all the other components contributed negatively to the aggregate economic activity.

**Figure 1 Quarterly gross domestic product**  
real values



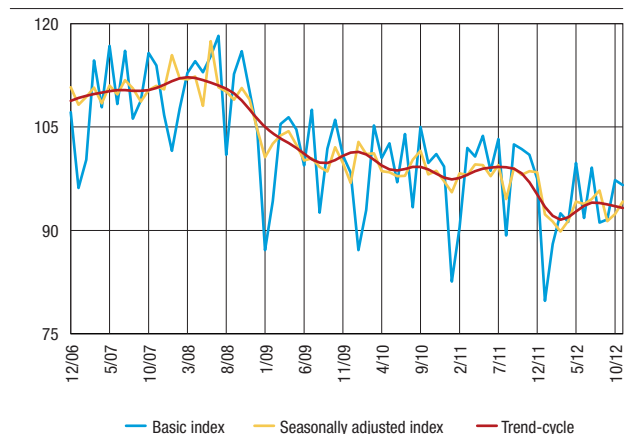
Source: CBS data seasonally adjusted by the CNB.

**Figure 4 Stock of industrial finished products**  
2005 = 100



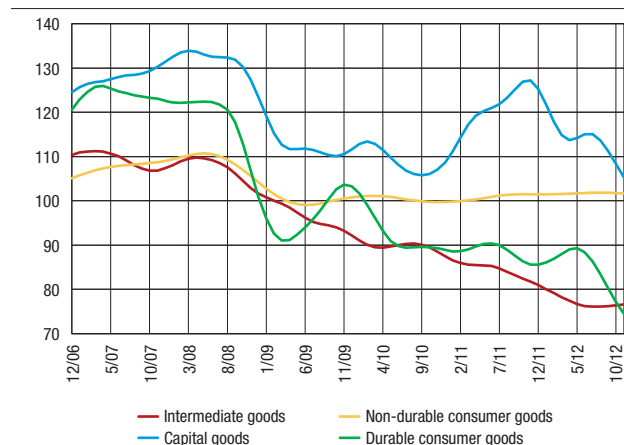
Source: CBS data seasonally adjusted by the CNB.

**Figure 2 Industrial production**  
2005 = 100



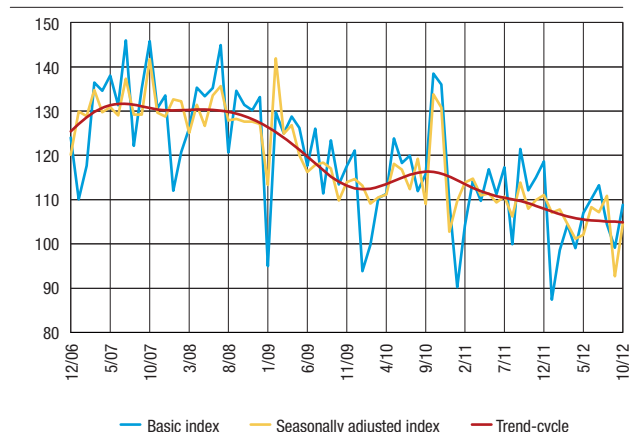
Source: CBS data seasonally adjusted by the CNB.

**Figure 5 Industrial production by main industrial groupings**  
2005 = 100, trend-cycle



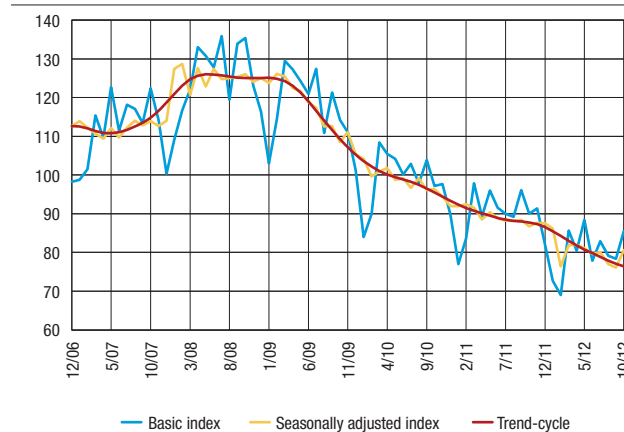
Source: CBS data seasonally adjusted by the CNB.

**Figure 3 Real turnover in industry**  
2005 = 100



Source: CBS data seasonally adjusted by the CNB.

**Figure 6 Total volume of construction works**  
2005 = 100



Source: CBS data seasonally adjusted by the CNB.

An analysis of individual aggregate supply components, i.e. GDP estimates by the production approach, shows stagnation in the seasonally adjusted gross value added during the third quarter, with an increase only recorded in some service activities. If we look at the first three quarters, the picture is even gloomier, with the sharpest activity contraction observed in construction, industry and agriculture. By contrast, positive contributions largely came from public sector-related service activities and similar activities, while market service activities also recorded a fall in production activity.

Adverse movements in industry continued into the fourth quarter. Total volume of industrial output decreased in October and November from the third quarter, but it should be noted that the decrease would have been even sharper had it not been for the weakening of industrial output in September. Moreover, the data on retail trade turnover suggest a decline in this activity. In contrast to this, the total volume of construction works increased at the beginning of the fourth quarter (October). The results of the business confidence surveys carried out from October to December 2012 suggest a further weakening of business optimism.

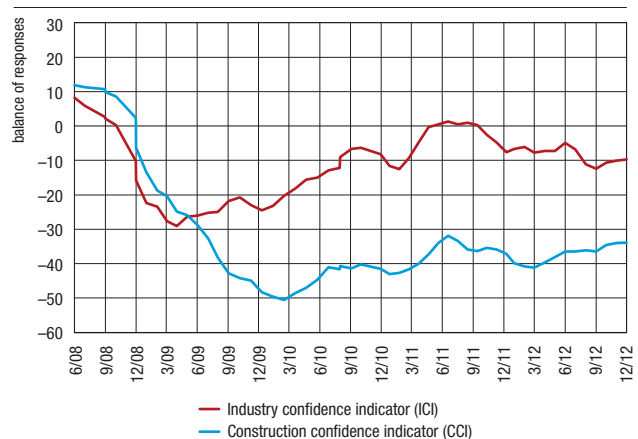
The aforesaid industrial output weakening early in the fourth quarter of 2012 was due to developments in domestic demand. On the other hand, as shown by CBS data on foreign trade and producer price movements, foreign demand for domestic goods strengthened in October and November. The weakening of domestic demand is reflected in reduced real retail trade turnover and, to some extent, in import performance. Thus, according to incomplete data for October and November, goods imports rose slightly relative to the previous quarter's average. However, this seems to be mostly due to growing imports of energy, particularly oil and refined petroleum products.

Broken down by main industrial groupings, a fall in overall industrial production was due to reduced production of capital and consumer goods, while the production of intermediate goods and energy increased. Stronger production of intermediate goods may be the consequence of favourable developments in the manufacture of electrical equipment, rubber and plastic products and chemical and wood products. Other activities mainly recorded a fall in the current industrial production level, reflected also in reduced manufacturing output. The only exception was the output growth in other mining and quarrying (driven by heightened construction activity), as well in mining support services, which was the main determinant of growth in the NCEA area 'mining and quarrying'. Production also increased in the supply of electricity, gas, steam and air conditioning supply in the reference period, thanks to exceptionally good results in November.

The number of hours worked at building sites (seasonally and calendar adjusted) picked up in October. Both construction works on buildings and civil engineering works increased. However, a comparison of construction activity in October with its previous quarter average shows a continuing decline in construction works on buildings. A recovery of civil engineering works may be partly due to a step-up in government investments, primarily in road construction. While developments in the value index of new construction project orders in the second quarter of 2012 announced a possible reversal of negative trends in construction by the end of the year, this has obviously not happened, despite the heightened activity in October. The same is true for changes in the number of square meters for which building permits were issued.

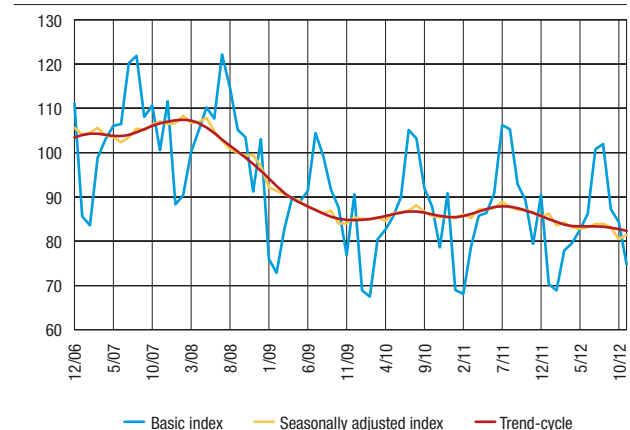
According to seasonally and calendar adjusted data, retail trade turnover in October and November 2012 was lower on average than in the preceding quarter. Spurred by foreign tourist

**Figure 7 Business confidence indicators**  
three-member moving averages of monthly data



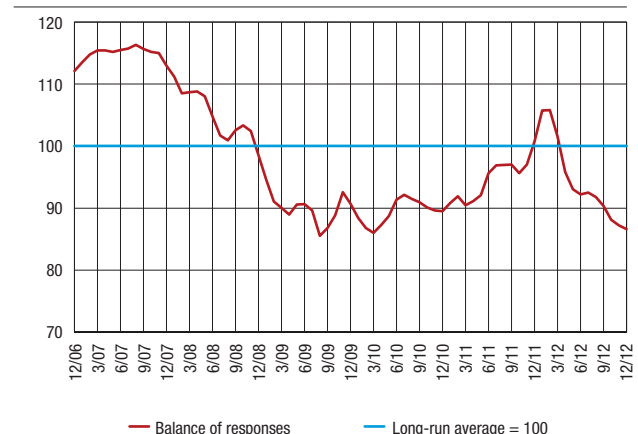
Sources: Ipsos Puls and CNB.

**Figure 8 Real retail trade turnover**  
2005 = 100



Source: CBS data seasonally adjusted by the CNB.

**Figure 9 Consumer confidence index**  
standardised values, three-member moving averages



Sources: Ipsos Puls and CNB.



purchases, spending in retail trade trended up in the third quarter. Domestic household spending capacity during 2012 was limited by a decline in employment and real income. Against this background, the year was also marked by unfavourable trends in consumer optimism, which declined continuously throughout the year, except for a brief period of strengthening at the turn of 2011-2012.

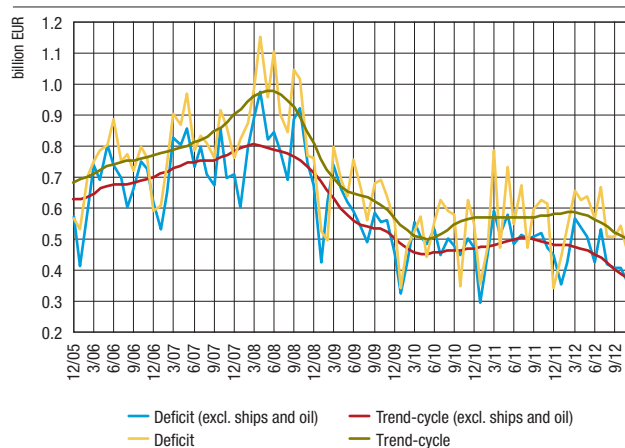
Volume indicators of demand for domestic tourist services continued to improve in October and November 2012. The number of registered tourist nights in commercial accommodation facilities grew by 7.1% in the reference period, exclusively owing to foreign tourists. It should be noted, however, that the average share of tourist nights in the last quarter in the total number of nights per year of the 2009-2011 period was as little as 3.8%.

## Trade in goods

The positive movements in goods exports recorded in the third quarter intensified in October and November 2012, primarily due to higher exports of ships. A slight recovery in goods imports observed during the third quarter did not continue.

Total goods exports, seasonally adjusted, went up 8.2% in October and November from the third quarter average, due largely to a further recovery of ship exports, following their weak performance in the first half of the year. However, given the sharp increase in the imports of ships previously exported for finishing purposes in the same period, net annual ship exports dropped by 70.7% in the first eleven months of 2012. In contrast to this, a marked fall in the exports of oil and refined petroleum products observed in the third quarter slowed down over the next two months. Exports of other goods (excluding ships, oil and refined petroleum products) increased further (by 2.4% from the third quarter average). Positive trends in this area were mostly due to a recovery of the exports of certain chemical industry products, and growing imports of oil seeds and fruits, sugar, sugar preparations and honey, and power-generating machinery and equipment. In contrast to this, a marked decline was recorded in the exports of cereals and cereal preparations (after being exceptionally high in the previous three months), telecommunication, and sound recording and reproduction apparatus, furniture and live animals.

Figure 10 Foreign trade deficit and trend-cycle



Source: CBS data seasonally adjusted by the CNB.

Table 1 Balance of payments

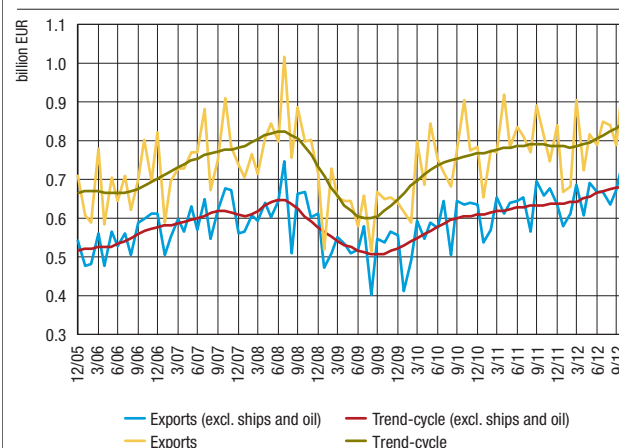
preliminary data, in million EUR

	Jan. – Sep. 2011	Jan. – Sep. 2012	Indices Jan. – Sep. 2012/ Jan. – Sep. 2011
Current account	518.1	652.1	125.9
Capital and financial account (excl. reserves)	1,246.9	115.1	9.2
International reserves	-666.4	-147.1	22.1
Net errors and omissions	-1,098.7	-620.2	56.4

Source: CNB.

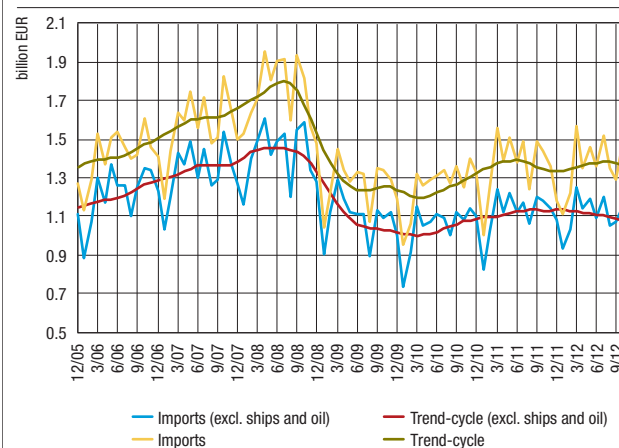
In October and November, total goods exports, seasonally adjusted, fell by 1.6% from the third quarter. Strong imports of other transport equipment, oil and refined petroleum products continue in the reference period, so that the negative trends were mainly due to a fall in the imports of other goods (imports at the narrow aggregate level decreased by 4.3% from the third quarter average). This fall may be generally ascribed to reduced imports

Figure 11 Goods exports (f.o.b.) and trend-cycle



Source: CBS data seasonally adjusted by the CNB.

Figure 12 Goods imports (c.i.f.) and trend-cycle



Source: CBS data seasonally adjusted by the CNB.

of various energy products (except oil), and a marked decline in imports of capital goods, after their stagnation through most of the year. By contrast, upward trends were observed in the imports of some chemical and food products. At the same time, the fall in imports of road vehicles slowed down.

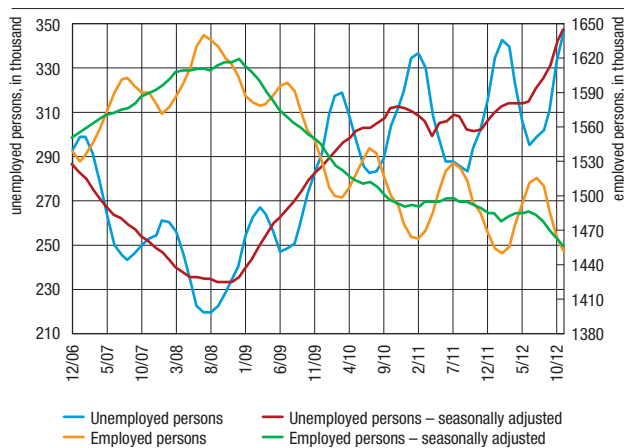
From January to November 2012, goods exports grew at an annual rate of 1.6%, while imports declined by 0.4%. The imports/exports coverage rate declined from 57.9% to 59.1% in the reference period.

## Employment and wages

Following an upsurge in unemployment and a fall in employment during the third quarter of 2012, negative labour market trends were exacerbated in October and November. As a result, employment continued to decline rapidly and unemployment rose further. Labour cost data show that nominal wages held steady while real wages continued to decrease.

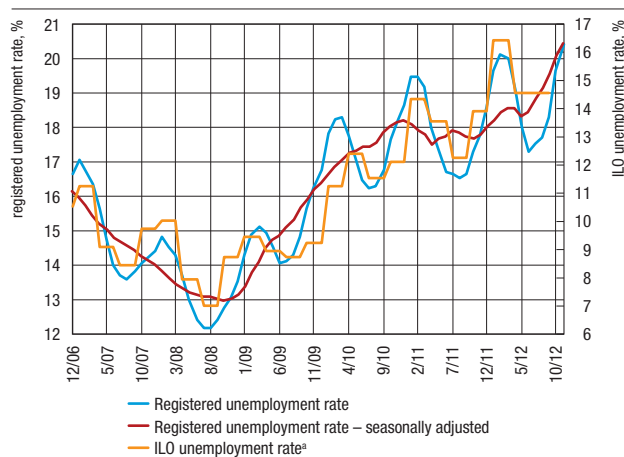
The number of employed persons (persons insured with the CPIA) fell by 1.2% at the beginning of the fourth quarter relative

Figure 13 Employed and unemployed persons



Sources: CES and CPIA data seasonally adjusted by the CNB.

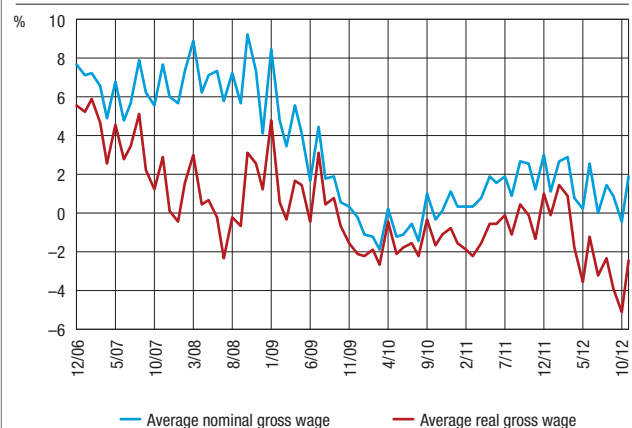
Figure 14 Registered and ILO unemployment rates



<sup>a</sup> The Labour Force Survey is published quarterly since the beginning of 2007.

Sources: CES and CBS data seasonally adjusted by the CNB.

Figure 15 Average gross wages  
year-on-year rate of change



Note: Data relate to wages paid in the current period.

Source: CBS.

to the previous quarter. The most serious fall in employment was recorded in industry and trade, the two activities that experienced a sharp contraction in economic activity during the said period. According to the Business Confidence Survey data, these trends are likely to continue in the first few months of 2013.

As suggested by seasonally adjusted CES data, October and November saw a particularly sharp increase in unemployment relative to the previous quarter. A considerable increase in unemployment was due to continuing high inflows of unemployed persons into the CES register, coupled with lower outflows from the register. Preliminary end-year CES data warn of a continued increase in the number of registered unemployed persons, which exceeded 357 thousand during December.

As result of the described movements in employment and unemployment, the administrative unemployment rate reached a high of 20.3% (seasonally adjusted) in October-November. It is worth noting that the preliminary Labour Force Survey data also confirm the exceptionally unfavourable labour market situation during 2012. Specifically, the Labour Force Survey unemployment rate was 15.1% in the first three months of 2012, which represents a strong increase from the same period in 2011 (13.3%).

Nominal wage stagnation, observed since the beginning of the year, continued in October and November. With consumer prices also growing in this period, real wages dropped by about 1% from the previous quarter. For the first eleven months, real wages decreased by about 2% on an annual level, reflecting a fall in labour productivity as well as generally unfavourable labour market conditions.

## Prices

Inflationary pressures eased off during October and November. After a surge in prices of as much as 1.4% in September from the previous month, their monthly growth slowed down to 0.4% and -0.2% respectively in October and November, primarily due to a drop in vegetable and refined petroleum product prices. The effect of a supply-side shock, i.e. a drought, was only temporary, so that a sharp increase in agricultural product prices in August and September was followed by their decline in the next two months. Furthermore, the fall in refined petroleum prices was induced by the global market situation, where the

**Table 2 Price indicators**

year-on-year and month-on-month rates of change

	Year-on-year rates		Month-on-month rates	
	10/2012	11/2012	11/2011	11/2012
<b>Consumer price index and its components</b>				
Total index	4.8	4.4	0.2	-0.2
Energy	13.8	13.2	-0.3	-0.9
Unprocessed food	9.2	7.4	0.6	-1.1
Processed food (incl. alcoholic drinks and tobacco)	2.6	2.7	0.2	0.3
Industrial non-food without energy	0.6	0.6	-0.3	0.5
Services	2.2	1.8	-0.1	-0.4
<b>Other price indicators</b>				
Core inflation	2.3	2.2	0.3	0.1
Producer price index	8.4	6.6	0.5	-1.2
Brent crude oil price (USD)	2.3	-0.7	0.9	-2.0
HWWI index (excl. energy) <sup>a</sup>	-5.7	-4.0	-4.0	-2.3

<sup>a</sup> The index is calculated on the basis of raw materials prices expressed in US dollars.

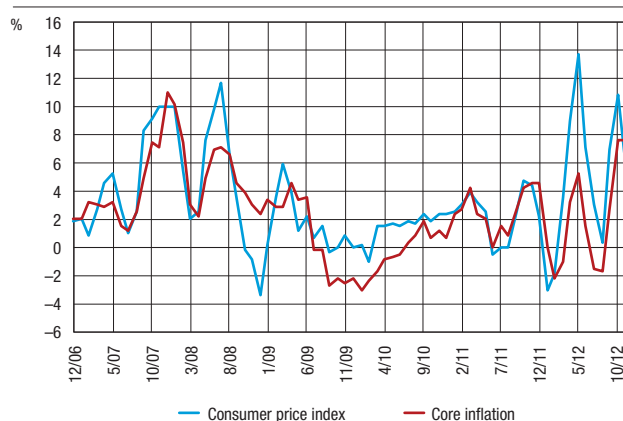
Sources: CBS, Bloomberg and HWWI.

average Brent crude oil price dropped in October and November, as a result of diminished demand for this energy product on the back of a global economic downturn and its increased supply from the USA and North Sea.

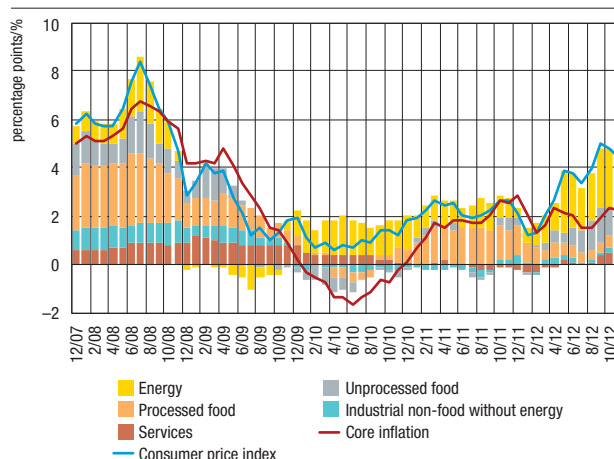
The annual consumer price inflation rate slowed down from 5.0% in September to 4.8% and 4.4% in October and November respectively. As in October, this was mainly due to a slowdown in the growth of unprocessed food product prices (especially vegetables) and energy (refined petroleum products).

Weak domestic demand and adverse conditions in the labour market continue to be the main barriers to the annual growth of industrial product prices (excluding food and energy) and services prices, which stood at 0.6% and 1.8% respectively.

The annual growth rate of processed food product prices has trended upwards since August 2012, largely due to higher prices of food raw materials in the global market during the summer months. However, with a slowdown in November, the annual growth rate of processed food product prices edged up from 2.7% in October to 2.6%. These developments were due to a fall

**Figure 16 Consumer price index and core inflation**  
annualised month-on-month rate of change<sup>a</sup><sup>a</sup> The month-on-month rate of change is calculated based on the quarterly moving average of seasonally adjusted price indices.

Source: CBS.

**Figure 17 Year-on-year inflation rates and components' contribution to consumer price inflation**

Source: CBS.

in the global prices of food raw materials at the end of the third quarter and early in the fourth quarter.

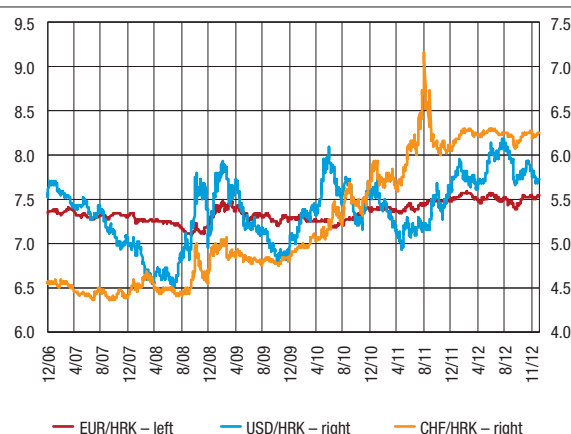
The annual core inflation rate decreased from 2.3% in October to 2.2% in November, mostly as a result of a slowdown in the annual growth of services and meat prices.

A decrease in the annual rate of change in industrial producer prices from 8.4% in October to 6.6% in November was mainly due a slowdown in the annual growth of energy (refined petroleum products) prices.

## Exchange rate

In December 2012, the daily exchange rate of the kuna against the euro moved within a very narrow range of  $\pm 0.2\%$  around the average exchange rate of EUR/HRK 7.53. At the end of December, the exchange rate stood at EUR/HRK 7.55 and was equal to that at the end of the previous month but slightly higher than at the end of 2011 when it stood at EUR/HRK 7.53.

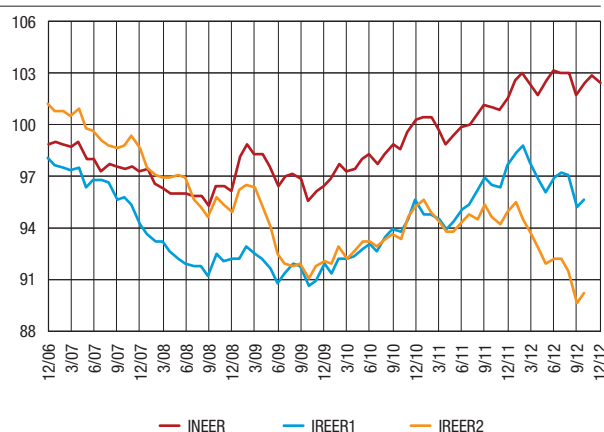
In the first half of December, the exchange rate of the kuna against the euro mostly appreciated slightly, driven by increased

**Figure 18 Daily nominal exchange rate – HRK vs. EUR, USD and CHF**  
CNB midpoint exchange rate

Source: CNB.

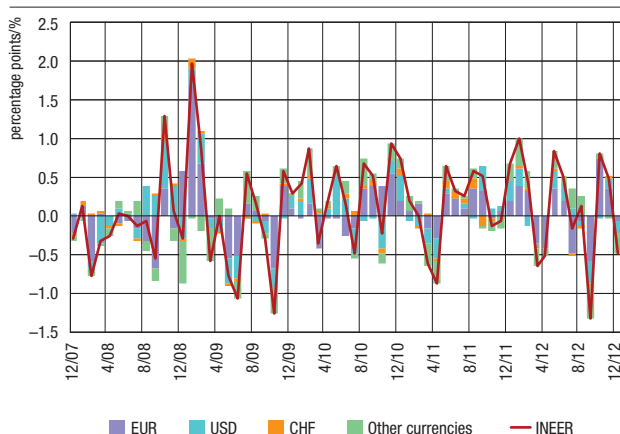


**Figure 19 Indices<sup>a</sup> of nominal (INEER) and real effective kuna exchange rates deflated by consumer (IREER1) and producer prices (IREER2)**  
2005 = 100



<sup>a</sup> The fall in the index denotes an effective appreciation of the kuna.  
Source: CNB.

**Figure 20 Contributions<sup>a</sup> of individual currencies to the monthly rate of change of the average index of the nominal effective kuna exchange rate (INEER)**



<sup>a</sup> Negative values denote contributions to the appreciation of the INEER.  
Source: CNB.

supply of foreign currency on the domestic market, and stood at EUR/HRK 7.51 on 15 December, a decrease of 0.5% from the end of November. A downgrade in the country's credit rating by the rating agency Standard & Poor's in mid-December did not have any significant impact on the exchange rate of the kuna against the euro. The exchange rate of the kuna started weakening slightly in mid-December, but returned to its beginning-of-month level by the end of the month. The volume of foreign exchange transactions between the central bank and the MoF was relatively small in December with the CNB purchasing only EUR 0.2m from the government.

The kuna appreciated against most other currencies included in the basket for the calculation of the nominal effective exchange rate (except against the Czech koruna, the Polish zloty and the Swedish koruna) which strengthened 0.6% at the end of December from the end of November. The December strengthening of the kuna against the US dollar of 1.5% was the consequence of movements in the global foreign exchange market which was marked by the weakening of the US dollar against the euro. This was due to several factors, particularly rising optimism in the eurozone spurred by announced further financial

assistance to Greece and this country's increased credit rating by Standard and Poor's, concerns regarding failure to reach a compromise on US public finances and expectations that the Fed could launch a new circle of monetary easing. The exchange rate of the Swiss franc against the euro remained stable in December, moving within a very narrow range around average level of EUR/CHF 1.21.

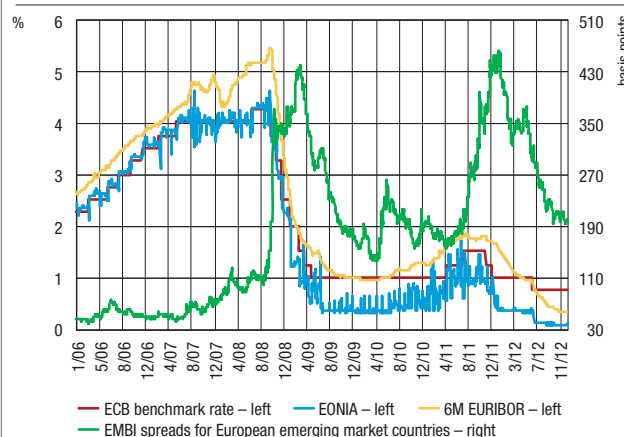
The real effective exchange rate of the kuna deflated by consumer prices and industrial producer prices depreciated in October 2012 by 0.5% and 0.7%, respectively, compared to September. This was due to a nominal depreciation of the kuna against the basket of currencies, while domestic price movements were somewhat less favourable than those of most of the major trading partners. Such price developments in the previous part of the year set the path for the trend of appreciation of the mentioned real effective exchange rates.

## Money market and interest rates

Good banking sector liquidity in the eurozone kept euro benchmark interest rates at relatively low levels in November and December 2012. Global risk appetite did not change much during the observed period, which benefited risk premium stabilisation in the European emerging markets. Despite Croatia's credit rating downgrading to non-investment grade by one credit rating agency, the country's risk premium did not increase much. Accordingly, this event, given somewhat more favourable parent bank financing of major domestic banks, did not have a significant impact on domestic sectors' access to foreign capital.

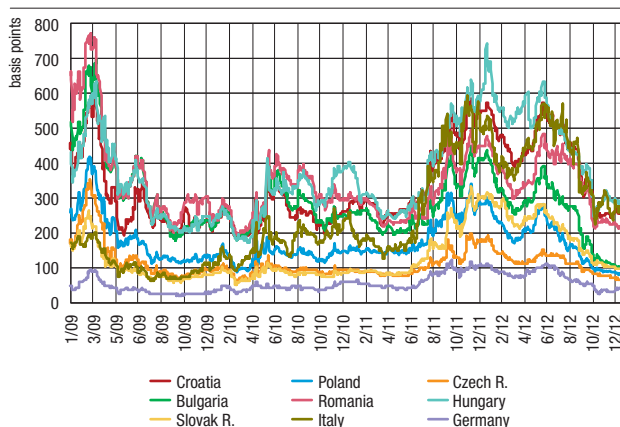
At its meetings in November and December, the ECB decided to keep its benchmark rate at 0.75%. The ECB decided to pursue the refinancing operations at a fixed interest rate and to accept all the received bids for short-term lending. Market interest rates in the eurozone did not change much during the observed period. The six-month EURIBOR dropped from 0.39% at the end of October to 0.32% at the end of December. The EONIA rate was again below the ECB benchmark rate and stood at 0.131% at the end of the observed period. Financial market stabilisation resulted in a small fall in risk premiums for European emerging market economies. The EMBI yield spread for these countries dropped by approximately 7 basis points in November and December 2012, standing at 200 basis points at

**Figure 21 Interest rates on the euro and the average yield spread on bonds of European emerging market countries**



Sources: ECB, Bloomberg and J. P. Morgan.

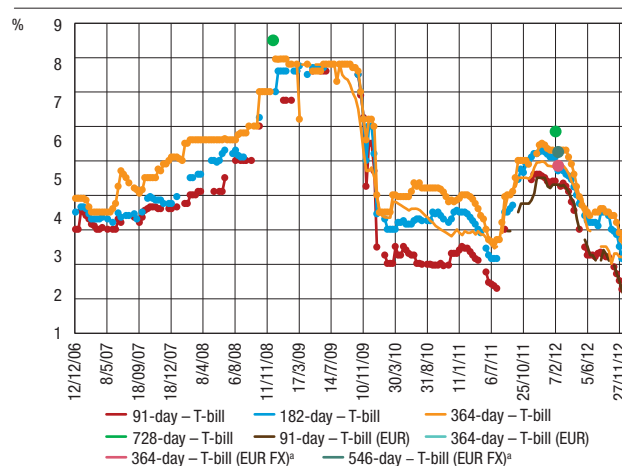
**Figure 22 CDS spreads for 5-year government bonds of selected countries**



Note: Credit default swaps (CDS) spread is an annual premium that a CDS buyer pays for protection against credit risk associated with an issuer of an instrument.

Source: Bloomberg.

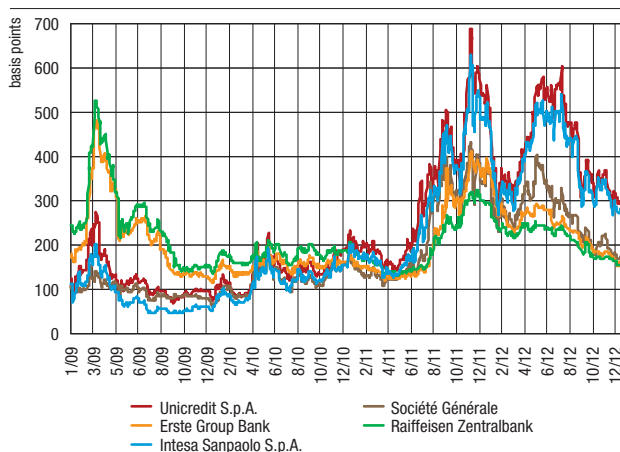
**Figure 25 Interest rates on kuna and euro T-bills on auction days**



<sup>a</sup> T-bills denominated and payable in euros.

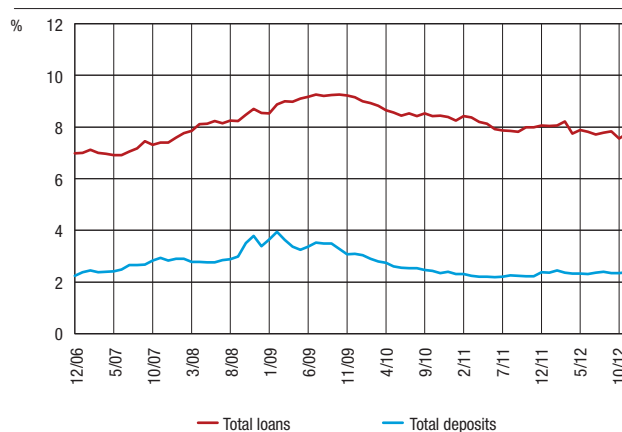
Source: MoF.

**Figure 23 CDS spreads for selected parent banks of domestic banks**



Source: Bloomberg.

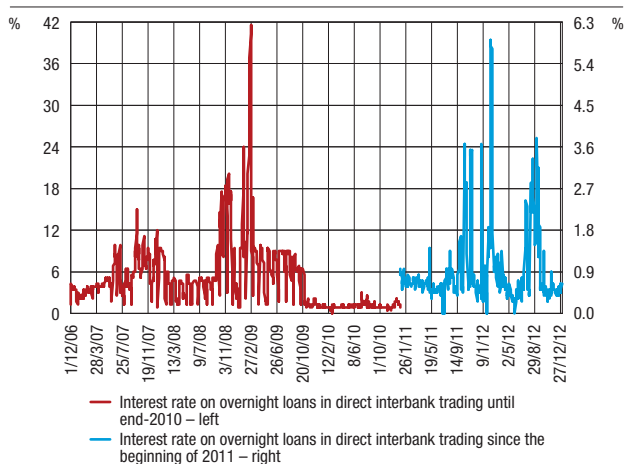
**Figure 26 Average bank interest rate estimates<sup>a</sup> on annual basis**



<sup>a</sup> Interest rates weighted by the amount of total loans granted.

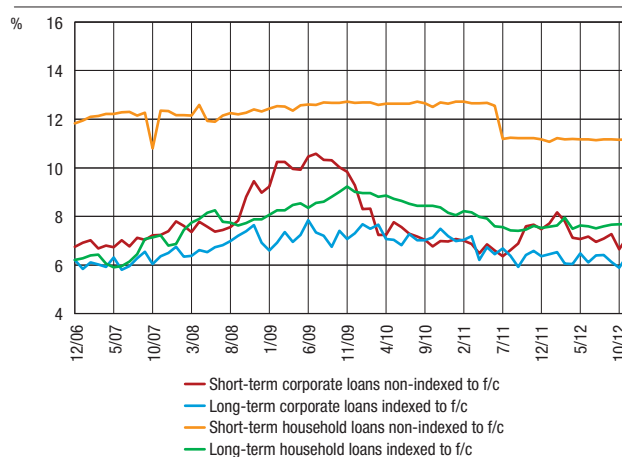
Source: CNB.

**Figure 24 Average interest rate on the money market**



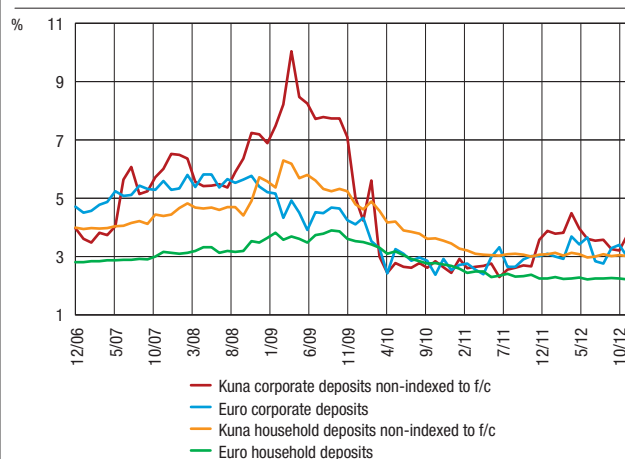
Source: CNB.

**Figure 27 Average bank interest rates on kuna loans on annual basis**



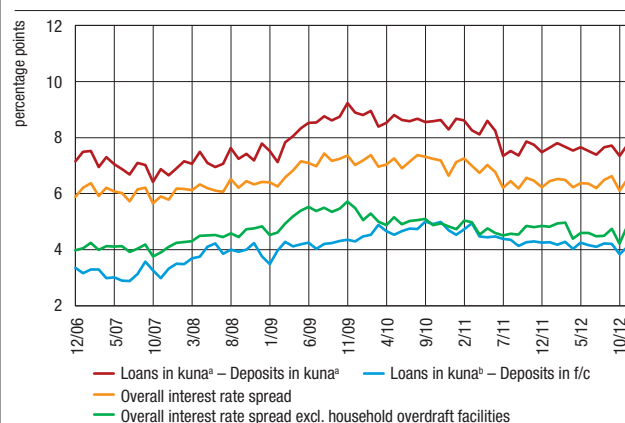
Source: CNB.

**Figure 28 Average bank interest rates on time deposits maturing in one to three months on annual basis**



Source: CNB.

**Figure 29 Spread between lending and deposit rates**



<sup>a</sup> Non-indexed to f/c. <sup>b</sup> Indexed to f/c.

Note: Spread is calculated as a difference between average interest rates on loans and average interest rates on deposits.

Source: CNB.

the end of the year. Similar movements were observed in most of these countries' CDS spreads. The highest decrease in risk premiums, of approximately 15 basis points, during the observed two-month period was seen in Bulgaria and Slovakia. The December downgrading of Croatia's credit rating by one credit rating agency did not have a significant impact on the increase in the country's risk premium, the small increase in which over the observed period did not deviate from developments in risk premiums for Hungary and Italy. These countries again reported the highest levels of this premium in the observed group of countries with the risk premiums for Hungary and Italy standing at approximately 280 basis points and that for Croatia at approximately 250 basis points.

The risk premium for parent banks of the biggest domestic banks was on average 36 basis points lower at the end of December 2012 than at the end of October 2012. Although risk premiums on bonds issued by Italian banks declined the most, these banks continued to be regarded as riskier than other banks in the observed group.

Domestic financial system liquidity was very good in November and December, with interest rates on the money market

moving below the annual average of 1%.

The weighted interest rate on overnight interbank loans fell slightly from 0.61% in October to 0.45% in November and held steady at a similar level in December (0.46%). As its daily volatility also fell significantly during the same period, this interest rate moved within a relatively narrow range of between 0.30% and 0.90%.

Three MoF T-bill auctions were held in November and December 2012; in addition to kuna T-bills, euro T-bills payable in kuna were also offered at two of the auctions. Total investor demand at these auctions exceeded the planned amounts of issues, with the downward trend in yield on all T-bills, irrespective of their currency of denomination and maturities, continuing during the observed period. Weighted interest rates on 91, 182 and 364-day kuna T-bills fell from 1.82%, 2.91% and 3.34% respectively in October to 1.25%, 2.12% and 2.65% in December. Yields on euro-indexed T-bills continued to fall in the same period, pushing down weighted interest rates on 91 and 364-day bills from 1.87% and 2.30% respectively in October to 1.10% and 2.15% in December. The stock of subscribed T-bills totalled HRK 25.9bn at end-December 2012, an increase of HRK 0.1bn from end-October, due to an increase in subscribed kuna T-bills and a simultaneous decrease in euro-indexed T-bills.

Good financial system liquidity bolstered stabilisation of lending interest rates of banks, following their short-lived small increase during the summer. As a result, banks' lending and deposit rates did not fluctuate much in November and December compared to the whole of 2012, and increased volatility during these two months was seen only in interest rates on corporate foreign currency deposits with a maturity over one year.

Short-term interest rates on kuna corporate loans fell slightly in October 2012, reaching their lowest level since mid-2011 (6.65%) but they rose again in November to 7.13%, which was still 0.6 percentage points lower than at the beginning of the year. Interest rates on corporate long term kuna loans with a currency clause fell from 6.13% in September to 5.90% in October, but rose to 6.37% in November, a level still lower than that at the beginning of the year.

Interest rates on short-term household kuna loans without a currency clause had been very stable from mid-2011, influenced by changes in CNB regulations. Interest rates on long-term household loans with a foreign currency clause trended upwards slightly during the second half of 2012, reaching 7.69% in November, their highest level in the previous year. In October and November 2012, this was mostly due to an increase in the share of mortgage loans, whose nominal rate even fell slightly. In the remaining part of the year, such developments were mostly spurred by a small increase in the share of the relatively most widely represented other long-term household loans, whose interest rate remained relatively stable at the level of approximately 8.7%. No similar effect was seen in car purchase loans, whose interest rate, by contrast, rose slightly but steadily during the observed period.

Interest rates on shorter-term time corporate kuna and euro deposits (1 to 3 months) mostly trended downwards throughout 2012, with interest rates on euro deposits being somewhat more volatile. At the end of November, interest rates on the mentioned corporate euro deposits stood at 3.13% while those on corporate kuna deposits stood at 2.75%. Interest rates on household deposits of the same maturity remained stable for almost two consecutive years, equally for kuna (approximately 3.0%) and euro funds (approximately 2.2%).

Such developments in lending and deposit interest rates of banks in the second quarter and a major part of the third quarter of 2012 stabilised the overall interest rate spread within the

usual limits of volatility at approximately 6.4 percentage points. Excluding the effect of overdraft facilities, this spread was down 1.75 percentage points, averaging 4.74 percentage points during the observed period.

## Monetary developments

Monetary developments in November were characterised by a further downward trend in placements to the non-banking sector and bank deleveraging abroad. The growth in net foreign assets and total liquid assets (M4) was driven by an increase in corporate deposits following the issue of HEP bonds abroad.

Money (M1) fell slightly in November (HRK 0.2bn or 0.4%), as a result of a seasonal fall in currency outside banks. Money held steady on an annual level (0.3%).

In contrast with money, total savings and time deposits of domestic sectors rose by HRK 1.4bn (0.7%) in November. These developments were due to an appreciable jump in foreign currency deposits (HRK 4.5bn) which exceeded a simultaneous decline in kuna deposits (HRK 3.1bn). Changes in the structure involved almost entirely the corporate sector, i.e. the conversion of this sector's kuna deposits into foreign currency deposits. However, the conversion did not change the total currency position of banks as these kuna deposits were previously indexed to foreign currency under a swap agreement. Kuna and foreign currency household deposits did not change much on a monthly level.

Observed on an annual level, at the end of November, foreign currency deposits grew by 5.0% (exchange rate effects excluded) while kuna savings and time deposits fell by 4.5%.

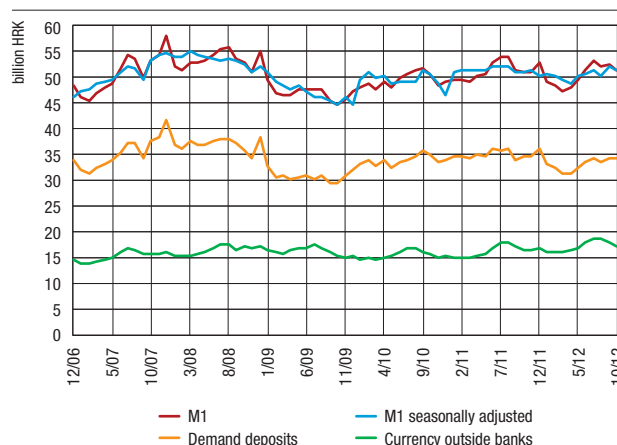
Stagnation in money and a rise in quasi money led to an increase in total liquid assets of HRK 1.4bn or 0.5% in November. Consequently, the annual rate of change in this monetary aggregate accelerated slightly, reaching 3.0%, or 2.4% if exchange rate effects are excluded, at the end of the month.

Bank placements to the non-banking sector declined by HRK 0.7bn or 0.3% in November, however, if the effect of exchange rate changes is excluded (depreciation of the kuna against the euro and the Swiss franc), bank placements fell by a more significant HRK 1.2bn or 0.5%. Their structure by sectors shows that their decline mainly involved placements to corporates, which fell by 0.9% when exchange rate effects are excluded. This decline may be associated with a fall in domestic credit liabilities following an issue of corporate bonds abroad. The trend of household deleveraging continued slowly in November, with placements to that sector falling by 0.2% on a monthly level.

Developments in bank placements to the non-banking sector were also unfavourable on an annual level. After their annual growth came to a halt in September, data for October and November point to a fall in the credit activities of banks on an annual level in relation to this sector. Excluding the effect of the exchange rate and the effect of shipyards' debt assumption by the Ministry of Finance, placements to the non-banking sectors were down 1.6% at the end of November compared to November previous year.

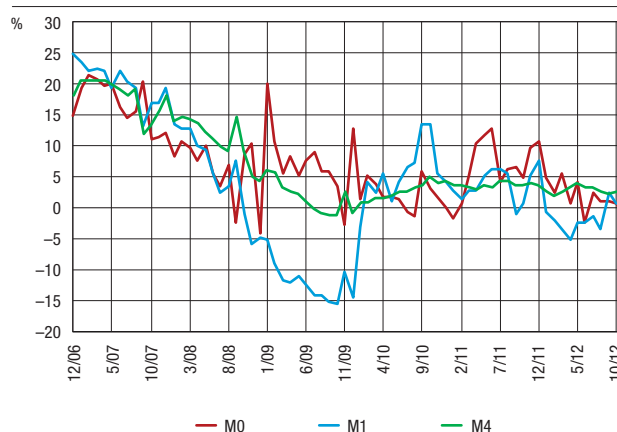
As regards government sector financing, bank placements to the central government rose slightly (HRK 0.3bn) in November. If a fall in government deposits with the banks and the CNB is included, banks' total net claims on the government rose by HRK 0.9bn during that month. While placements to the private sector shrank, bank placements to the government continued to grow steadily on an annual level (14.7% at the end of November).

Figure 30 Money (M1)



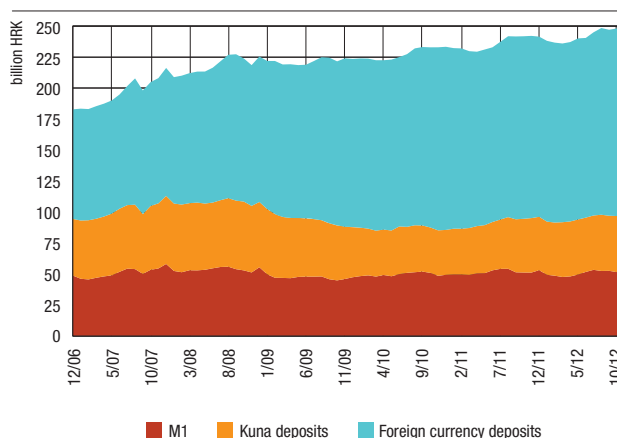
Source: CNB.

Figure 31 Monetary aggregates rate of change from the same month of the previous year



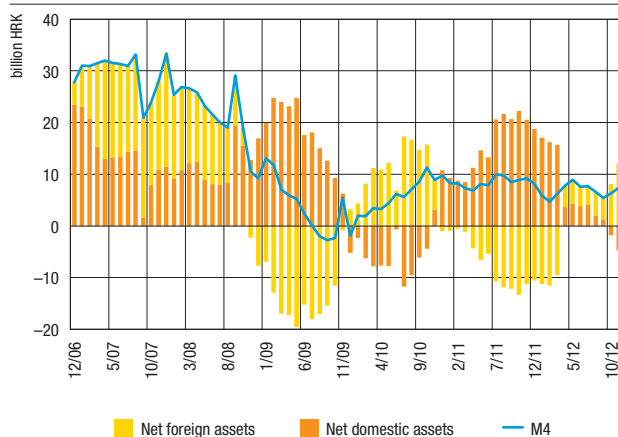
Source: CNB.

Figure 32 Monetary aggregate M4



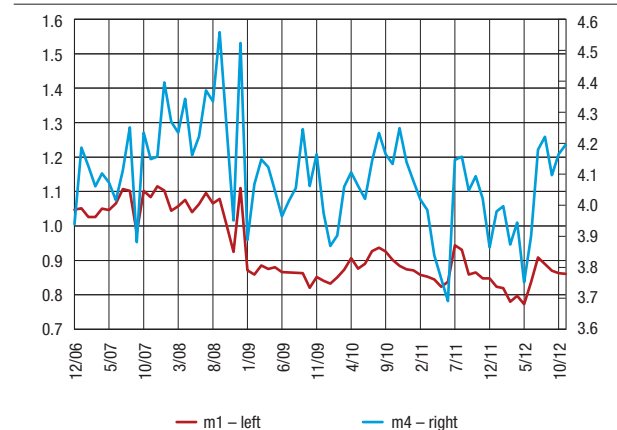
Source: CNB.

**Figure 33 Net foreign assets, net domestic assets and total liquid assets (M4) movements in the last 12 months**



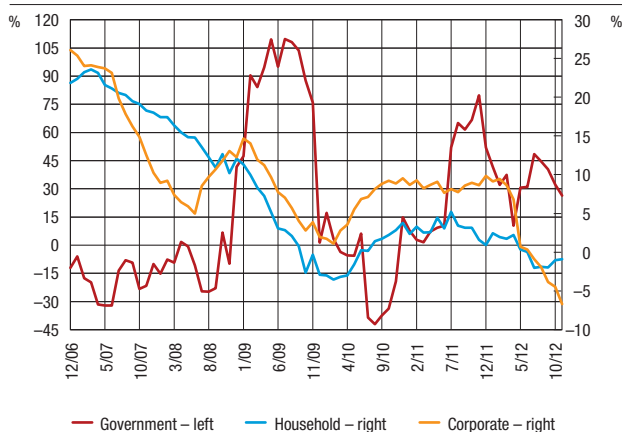
Source: CNB.

**Figure 36 Money multipliers**  
 $m1 = M1/M0$  and  $m4 = M4/M0$



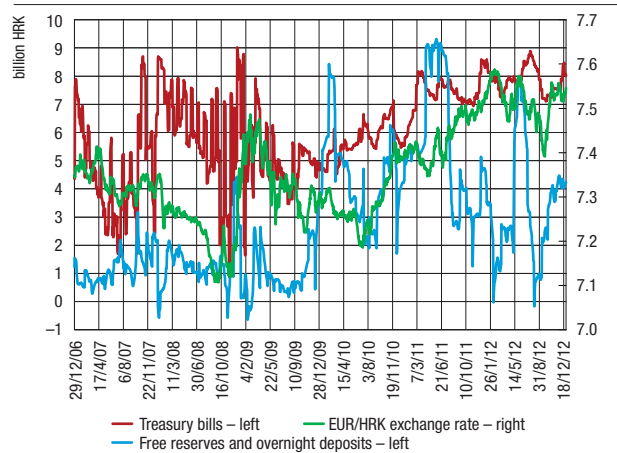
Source: CNB.

**Figure 34 Household and corporate loans and net claims on the government**  
 rate of change from the same month of the previous year



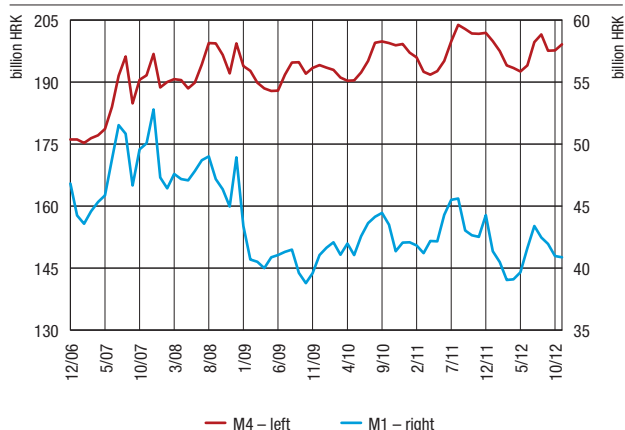
Source: CNB.

**Figure 37 Bank liquidity and exchange rate**



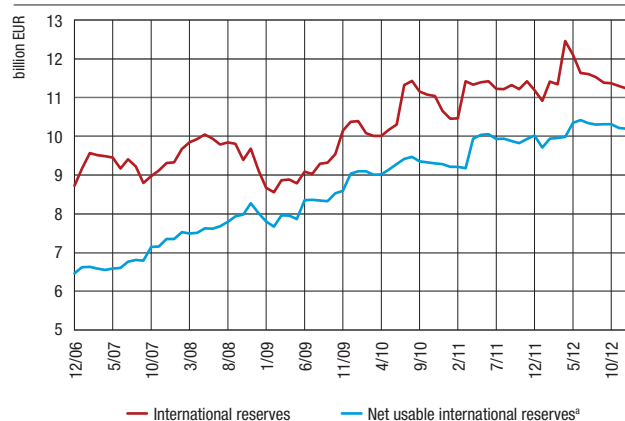
Source: CNB.

**Figure 35 Real money**  
 deflated by the consumer price index, 2005 = 100



Sources: CBS and CNB.

**Figure 38 International reserves of the CNB**  
 at current rate of exchange



<sup>a</sup> NUIR = international reserves – foreign liabilities – reserve requirements in f/c – foreign currency government deposits – general and special SDR allocations.  
 Source: CNB.



The fall in domestic placements, coupled with a simultaneous increase in deposits made it possible for the banks to reduce their foreign liabilities by HRK 2.6bn and continue their deleveraging abroad. During the same period, the banks reduced their foreign assets by HRK 0.3bn, improving the net foreign exchange position by HRK 2.3bn. Compared to November of the previous year, net foreign assets of banks improved by HRK 12.4bn or 26.2%.

The monetary environment was relatively stable in December 2012. The average surplus kuna liquidity in banks' accounts with the central bank, including overnight deposits, amounted to HRK 3.9bn in December, a small increase over the previous month. The banks made use of the overnight deposit facility with the CNB for their surplus liquidity on a daily basis, while interest rates on the money market were stable and stood at very low levels. During this period, there were no foreign exchange interventions or changes in monetary policy instruments.

The gradual realisation of loans under the Economic Development Programme continued into December. At its sixth auction, the CBRD granted loan quotas amounting to HRK 0.4bn, with the total amount of loan quotas granted at that point standing at HRK 2.8bn or a little over 80% of the assets envisaged under the loan programme. Of the mentioned amount, HRK 0.7bn were transferred from the account of the CBRD with the CNB to bank accounts. Based on these funds, plus HRK 0.7bn ensured by the banks, the amount granted in bank loans to corporates in 2012 totalled HRK 1.4bn.

Reserve money (M0) stood at HRK 61.3bn at the end of 2012, while its December increase was the result of an increase in currency outside banks and a fall in government kuna deposits with the CNB. The monetary aggregate M0 fell slightly (1.8%) on an annual level.

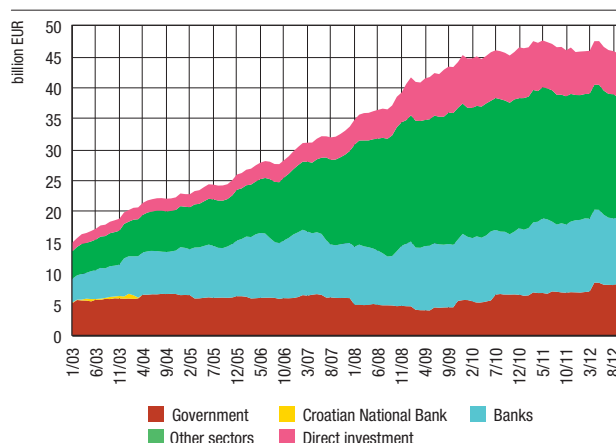
At the end of 2012, gross international reserves stood at EUR 11.2bn, having grown annually by 0.4% (0.7% if exchange rate volatility of the euro against the US dollar is excluded), or EUR 44m. Reserves' growth in 2012 was achieved primarily by net purchases of foreign exchange from the government of EUR 770m as well as earnings from reserves management. The fall in gross reserves was spurred by a sale of foreign currency to the banks totalling EUR 666m, a fall in foreign currency reserve requirements of banks and net outflows of government foreign currency deposits. Net usable reserves stood at EUR 10.2bn towards the end of December, having increased by 1.8% or EUR 176m from the end of 2011.

## External debt

Net external debt of the domestic sector (gross external debt net of foreign claims) did not change significantly during October 2012. This was preceded by a sharp fall in net debt in the third quarter of EUR 2.1bn. From the beginning of the year, the domestic sectors reduced their net debt by EUR 1.2bn (for comparison's sake, net debt fell by of EUR 0.1bn during the same period 2011). Banks' net debt fell by EUR 1.8bn, that of other domestic sectors fell by EUR 0.5bn while central government debt increased sharply.

The changes in net debt mainly reflected changes in gross external debt, given that foreign assets rose by only EUR 0.3bn in the first ten months of the year. The fall in gross external debt, present since June 2012, continued into October. As a result, having fallen by EUR 0.4bn, gross external debt fell to EUR 45.1bn at the end of the observed month. The fall in debt can mainly be attributed to the banks, while private corporates

**Figure 39 Gross external debt**  
end of period



Source: CNB.

**Table 3 Net external debt**  
end of period, in million EUR

	Stock		Net transactions <sup>a</sup>			
	2011	10/2012	2011	1-10/2012	Q3/2012	10/2012
Government <sup>b</sup>	6,994	8,382	416	1,067	213	-17
Croatian National Bank	-10,835	-11,010	-402	-139	182	11
Banks	6,323	4,607	2,058	-1,769	-1,771	-212
Other sectors	19,651	18,949	-952	-465	-704	215
Direct investment	6,236	6,537	-1,232	133	-68	-2
<b>Total</b>	<b>28,369</b>	<b>27,466</b>	<b>-112</b>	<b>-1,172</b>	<b>-2,147</b>	<b>-5</b>

<sup>a</sup> Difference between transactions based on gross external debt and claims. Cross-currency changes and other adjustments are not included.

<sup>b</sup> Foreign claims of the central bank exclude special drawing rights (SDRs). Negative values of net external debt indicate that claims exceed liabilities.

Source: CNB.

increased their foreign liabilities. The stock of external debt of the public sector did not change much in October.

After rising by EUR 1.4bn in the first nine months of 2012, driven by an issue of foreign bonds in April and the assumption of a part of the debt of domestic shipyards, the external debt of the government sector did not change much in October 2012. In contrast with its considerable decline in the previous part of the year, the external debt of public enterprises did not change much in October. At the same time, the CBRD slightly increased its foreign liabilities.

In October 2012, the banks reduced their foreign liabilities by EUR 0.6bn, additionally fuelling the trend of deleveraging present in the previous months.

The stock of foreign liabilities of other domestic sectors (mainly corporates and non-banking financial institutions, excluding the CBRD) rose by EUR 0.2bn at the end of October 2012 from the end of September. External debt growth in the observed month was the result of a foreign bond issue of Agrokor d.d. of EUR 0.6bn, one part of which was used for the settlement of existing foreign liabilities. The external debt stock of other private corporates to foreign banks continued to decline, while their borrowing from affiliated enterprises increased. Non-banking financial institutions (the CBRD excluded) continued to deleverage slightly in relation to foreign banks and their foreign owners in November 2012.

**Table 4 Gross external debt**

end of period, in million EUR

	Stock		Transactions <sup>a</sup>			
	2011	10/2012	2011	1-10/2012	Q3/2012	10/2012
1 Government	6,996	8,384	417	1,067	213	-17
2 Croatian National Bank	0	0	-1	0	0	0
3 Banks	11,628	9,992	875	-1,651	-641	-618
4 Other sectors	20,182	19,676	-888	-228	-625	237
Non-banking financial institutions	4,068	3,788	-566	-279	-298	5
o/w: CBRD	1,465	1,413	-152	-49	-193	27
Public and mixed enterprises	5,400	4,743	-424	-362	-153	13
Other enterprises	10,496	10,932	99	418	-179	224
Other <sup>b</sup>	218	214	3	-4	5	-5
Non-profit institutions	5	9	2	4	1	0
Craftsmen and sole traders	5	11	-2	6	6	0
Households	208	194	3	-14	-2	-5
5 Direct investment	6,928	7,080	-1,255	-36	-47	17
Non-banking financial institutions	1,542	1,529	-192	-15	-37	-29
Public and mixed enterprises	215	1	-146	-130	0	0
Other enterprises	4,723	5,103	-943	109	-12	45
Hybrid and subordinated instruments	447	447	27	0	3	2
<b>Total</b>	<b>45,734</b>	<b>45,132</b>	<b>-851</b>	<b>-848</b>	<b>-1,100</b>	<b>-380</b>
o/w:						
Public sector debt	14,076	14,541	-306	526	-132	24

<sup>a</sup> Withdrawals net of repayments. Cross-currency changes and other adjustments are not included.<sup>b</sup> Non-profit institutions, craftsmen and sole traders and households.<sup>c</sup> Banks and CBRD.

Source: CNB.

## Government finance

Central government revenues rose by 2.1% in the first ten months of 2012, compared to the same period of the previous year. This was mainly due to VAT-associated legislative changes, i.e. an increase in the basic VAT rate from 23% to 25% in March 2012 but also to an increase in revenues from profit tax on an annual level. By contrast, excise revenues and revenues from social contributions fell on an annual level due to a reduction in health care contributions from 15% to 13% from May this year.

The consolidated central government expenditures in the January to October 2012 period stood at HRK 100.3bn, an increase of 0.6% over the same period of the previous year. Despite the fact that certain savings were achieved on subsidies and material expenditures, they were not sufficient to offset the effect of a sharp increase in expenditures for interest and an increase in expenditures on social benefits and employee compensations. Since developments in expenditures so far had shown that not all the planned savings would materialise, the state budget and the financial plans of extrabudgetary users were revised in November, increasing the total consolidated central government expenditures by HRK 2.5bn. The planned expenditures were now only slightly below those in 2011.

The total fiscal deficit in the January to October 2012 period was HRK 9.8bn, a decline of HRK 1.2bn from the same period of the previous year. However, as stated above, fiscal consolidation was primarily attributable to increased tax pressure and decreased investment activities of the government and not to the adjustment of operating expenditures. As the expected privatisation receipts had failed to materialise, the government satisfied

**Table 5 Consolidated central government overall fiscal balance<sup>a</sup>**

GFS 2001, in million HRK

	Jan. – Oct. /2011	Jan. – Oct. /2012
Revenue	92,074	93,965
Expense	99,663	100,273
Acquisition of non-financial assets	2,632	2,250
Net acquisition of loans	572	786
Shares and other equities: acquisitions	255	501
Repayment of debt to pensioners	–	–
Change in arrears <sup>b</sup>	–	–
<b>Overall fiscal balance</b>	<b>-11,048</b>	<b>-9,845</b>

<sup>a</sup> For more details on the methodology of the balance calculation, see Box 4 in CNB Bulletin No. 165.<sup>b</sup> Data on the monthly change in arrears are not available to the CNB.

Sources: MoF and CNB calculations.

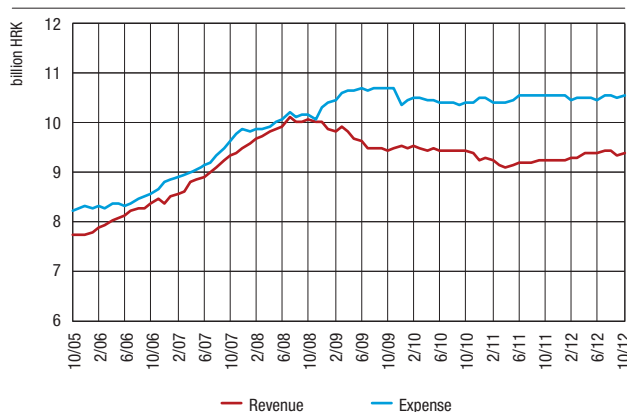
**Table 6 Consolidated central government financing**

in million HRK

	Jan. – Oct. /2011	Jan. – Oct. /2012
<b>Overall fiscal balance (GFS 2001)</b>	<b>-11,048</b>	<b>-9,845</b>
Financing	11,048	9,845
Borrowing (net)	14,230	10,898
Domestic	5,492	2,535
Foreign	8,738	8,363
Disposal of non-financial assets and shares	354	323
Change in deposits	3,536	1,376

Sources: MoF and CNB calculations.

**Figure 40 Consolidated central government revenue and expense<sup>a</sup>**  
GFS 2001



<sup>a</sup> Trend values are calculated as moving 12-month averages of original data. Expense includes expenditures for the acquisition of non-financial assets. From January 2008 on, CM is excluded from the consolidated central government balance.

Sources: MoF and CNB calculations.

almost all its needs by borrowing on the domestic and foreign financial markets.

Accordingly, in the first ten months of 2012 central government debt spiralled to HRK 174.5bn by the end of October. The

**Table 7 Central government debt**

in million HRK

	Jan. – Oct. /2011	Jan. – Oct. /2012
Change in total debt stock	15,933	20,535
Change in domestic debt stock	12,654	10,007
– Treasury bills	1,161	–794
– Money market instruments	0	274
– Bonds	6,912	7,378
– Credits from banks	4,581	3,149
Change in external debt stock	3,279	10,528
– Money market instruments	–2,201	123
– Bonds	4,394	8,636
– Credits	1,085	1,769
Memo item:		
Change in total guarantees issued	1,190	–4,709

Source: CNB.

reported increase of almost HRK 20.5bn from the end of the previous year was largely attributable to the assumption of the debt of the shipyards (largely a debt to domestic banks) by the government, which was also the reason for a significant fall in government guarantees.





---

# Statistical survey



## Classification and presentation of data on claims and liabilities

Data on financial institutions' claims and liabilities are classified according to institutional sectors and financial instruments. Institutional sectors are: financial institutions, central government and funds, other domestic sectors and foreign sector.

The financial institutions sector includes the following subsectors: monetary authorities (the central bank), banks, other banking institutions and non-banking financial institutions. The central bank is the Croatian National Bank (CNB). Banks are institutions to which the Croatian National Bank has issued a license to perform banking business services in accordance with the Banking Act, including savings banks during a transition period. Data on banks do not include claims and liabilities of banks undergoing bankruptcy proceedings, nor former branches of banks headquartered outside the Republic of Croatia. Other banking institutions comprise housing savings banks, savings and loan cooperatives and investment funds. Non-banking financial institutions are financial institutions not classified as banks or other banking institutions (e.g. insurance companies, pension funds).

The central government and funds consists of two subsectors, the Republic of Croatia and central government funds. Until December 2003, the subsector Republic of Croatia included government authorities, comprising the Croatian Roads, the Croatian Motorways and the State Agency for Deposit Insurance and

Bank Rehabilitation. The subsector central government funds includes the Croatian Institute for Health Insurance, the Croatian Pension Insurance Administration, the Croatian Employment Service, the Croatian Privatisation Fund, the Croatian Waters and the Croatian Bank for Reconstruction and Development.

Since January 2004, the Croatian Roads, the Croatian Motorways, and the State Agency for Deposit Insurance and Bank Rehabilitation have been reclassified, from the subsector Republic of Croatia to the subsector central government funds.

Other domestic sectors include local government authorities, public and other enterprises and households, including craftsmen and non-profit institutions providing services to households. The subsector other enterprises also comprises banks undergoing bankruptcy proceedings. In some tables other domestic sectors are divided into the following subsectors: local government (which comprises units of local and regional self-government), public and other enterprises, and households (including craftsmen and non-profit institutions).

Foreign sector includes foreign legal and natural persons.

All data on claims and liabilities refer to balances at the end of the reporting period. Foreign currency items are reported in their kuna equivalent at the CNB's midpoint exchange rate at the end of the reporting period.

## A Monetary and credit aggregates

Table A1 Monetary and credit aggregates  
end of period, in million HRK and %

Year	Month	Reserve money	Money M1	Money M1a	Broadest money M4	Net domestic assets	Domestic credit	Monthly rates of growth					
								Reserve money	Money M1	Money M1a	Broadest money M4	Net domestic assets	Domestic credit
1998	December	9,954.2	13,531.4	13,615.2	57,340.3	44,626.8	59,792.0	7.24	6.92	6.59	2.51	3.73	0.25
1999	December <sup>a</sup>	10,310.0	13,858.9	13,965.7	56,659.3	40,003.8	55,875.8	4.53	5.46	5.48	2.28	0.35	-4.58
2000	December	11,717.3	18,030.3	18,256.4	73,061.1	44,043.9	60,883.8	7.32	10.04	9.89	3.66	10.46	2.66
2001	December	17,803.2	23,703.5	23,936.5	106,071.4	57,410.0	74,964.5	8.01	13.00	11.96	11.65	3.40	1.16
2002	December	23,027.9	30,869.8	31,876.7	116,141.8	83,324.4	97,463.7	10.72	6.11	6.79	1.65	7.92	2.15
2003	December	30,586.2	33,888.7	34,630.9	128,893.1	96,121.7	111,661.4	8.90	1.78	1.93	0.14	3.11	0.66
2004	December	33,924.4	34,562.1	35,186.5	139,947.7	108,205.1	127,308.6	8.69	2.86	2.68	0.23	2.15	1.99
2005	December	40,390.8	38,817.1	39,855.4	154,647.0	131,343.2	149,168.3	9.38	4.34	3.87	-0.02	1.84	1.94
2006	December	46,331.2	48,521.0	49,141.7	182,458.6	154,844.1	183,379.5	3.17	4.75	4.07	1.57	3.38	2.99
2007	December	51,923.9	57,878.3	58,663.4	215,822.1	166,375.5	210,828.4	3.73	6.71	6.62	3.95	3.54	2.65
2008	December	49,743.0	55,222.3	56,044.6	225,018.5	183,279.1	232,982.1	-9.89	8.17	8.49	3.17	5.68	1.96
2009	December	56,141.9	47,181.7	47,760.5	223,094.6	178,083.2	231,661.9	4.55	3.13	3.25	-0.23	-0.91	0.10
2010	December	56,249.1	49,151.7	49,748.5	232,869.6	188,845.0	247,520.2	2.81	1.67	1.18	0.17	3.24	0.52
2011	December	62,379.5	52,850.9	53,767.9	241,056.9	207,581.7	261,048.8	3.81	3.74	3.55	-0.25	2.05	0.83
2012	January	59,722.8	49,172.9	49,776.7	237,677.9	208,015.2	260,565.8	-4.26	-6.96	-7.42	-1.40	0.21	-0.19
	February	59,111.2	48,422.8	49,055.9	236,231.3	209,027.2	261,701.7	-1.02	-1.53	-1.45	-0.61	0.49	0.44
	March	60,821.7	47,389.5	48,087.2	235,530.1	208,442.8	260,370.2	2.89	-2.13	-1.97	-0.30	-0.28	-0.51
	April	60,017.0	47,845.2	48,636.5	236,678.6	199,196.0	259,002.6	-1.32	0.96	1.14	0.49	-4.44	-0.53
	May	63,883.6	49,350.9	50,163.6	239,629.8	204,432.6	255,301.2	6.44	3.15	3.14	1.25	2.63	-1.43
	June	61,549.5	51,467.6	52,222.4	240,006.7	204,688.7	253,867.8	-3.65	4.29	4.10	0.16	0.13	-0.56
	July	58,518.4	53,148.6	53,916.1	244,531.4	202,633.6	254,253.1	-4.92	3.27	3.24	1.89	-1.00	0.15
	August	58,750.7	52,251.6	53,164.6	247,983.7	200,814.8	251,581.2	0.40	-1.69	-1.39	1.41	-0.90	-1.05
	September	60,194.7	52,348.3	53,230.9	246,603.1	200,396.2	249,825.7	2.46	0.19	0.12	-0.56	-0.21	-0.70
	October	59,462.7	51,316.0	52,069.0	247,651.9	199,306.6	250,533.9	-1.22	-1.97	-2.18	0.43	-0.54	0.28
	November	59,368.9	51,108.2	52,010.9	249,013.4	198,658.1	249,864.8	-0.16	-0.41	-0.11	0.55	-0.33	-0.27

<sup>a</sup> Domestic credit decreased by a one-off HRK 2,759.4m.

**Table A1 Monetary and credit aggregates** • The table shows data on some basic monetary and credit aggregates, including their monthly growth rates. In September 1999, all the monetary aggregates were revised. In previous publications of the CNB, data on claims and obligations of savings banks were not included in the compilation of the monetary aggregates.

Reserve money is taken over in its entirety from the Monetary authorities accounts (Table C1).

Money (M1) is defined in the same way as the corresponding item in the Monetary survey (Table B1). It comprises currency outside banks, deposits with the CNB by other banking institutions and other domestic sectors as well as banks' demand deposits. Money (M1a) comprises currency outside banks and banks' demand deposits, increased by the demand deposits of the central government and funds with banks.

Broadest money (M4) comprises Money (M1), savings and

time deposits, foreign currency deposits as well as bonds and money market instruments (all components are taken over from the Monetary survey, Table B1).

Net domestic assets are defined as a difference between total liquid assets and foreign assets (net).

Domestic credit comprises banks' claims on other domestic sectors, other banking institutions and non-banking financial institutions.

In May 1999, bankruptcy proceedings have been initiated against several banks so their assets and liabilities are excluded from monetary statistics. In April 1999, those banks' share in monetary aggregate M1 amounted to HRK 259.3m and in monetary aggregate M4 amounted to HRK 4,035.8m. Data for June 1999 are comparable with data for July 1999 if Domestic credit is increased by HRK 3,513.5m.

## B Monetary institutions

**Table B1 Monetary survey**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
ASSETS										
1 Foreign assets (net)	49,446.5	41,739.4	45,011.4	44,024.6	33,475.2	27,087.3	35,318.0	46,207.0	48,345.3	50,355.3
2 Domestic credit	226,076.1	254,569.8	253,523.6	272,601.4	299,152.6	299,941.9	296,935.2	292,713.8	293,337.1	293,616.7
2.1 Claims on central government and funds (net)	15,247.7	21,587.7	21,861.7	25,081.2	38,103.8	39,571.7	43,067.4	42,888.1	42,803.2	43,751.9
2.2 Claims on other domestic sectors	207,398.7	231,472.7	229,870.2	244,039.2	257,620.2	257,167.5	250,734.8	246,333.8	247,445.4	246,644.9
2.3 Claims on other banking institutions	1,640.0	441.9	681.7	890.9	1,350.3	1,314.0	1,080.6	974.7	1,002.0	1,091.6
2.4 Claims on non-banking financial institutions	1,789.7	1,067.4	1,109.9	2,590.0	2,078.3	1,888.7	2,052.4	2,517.2	2,086.5	2,128.3
Total (1+2)	275,522.6	296,309.2	298,534.9	316,626.0	332,627.8	327,029.1	332,253.2	338,920.8	341,682.4	343,971.9
LIABILITIES										
1 Money	57,878.3	55,222.3	47,181.7	49,151.7	52,850.9	47,389.5	51,467.6	52,348.3	51,316.0	51,108.2
2 Savings and time deposits	53,644.9	50,070.3	39,139.4	34,823.4	40,926.9	42,312.9	41,726.0	42,200.5	43,031.7	39,965.6
3 Foreign currency deposits	103,090.1	117,194.8	135,410.6	147,557.1	145,166.1	144,007.4	144,791.5	149,855.7	151,134.2	155,612.5
4 Bonds and money market instruments	1,208.8	2,531.1	1,362.8	1,337.4	2,112.9	1,820.3	2,021.6	2,198.6	2,170.0	2,327.1
5 Restricted and blocked deposits	2,280.9	3,094.2	2,598.3	2,389.0	3,293.4	2,645.5	2,697.6	2,609.7	2,740.9	2,636.2
6 Other items (net)	57,419.6	68,196.5	72,842.0	81,367.5	88,277.4	88,853.6	89,549.0	89,707.9	91,289.6	92,322.3
Total (1+2+3+4+5+6)	275,522.6	296,309.2	298,534.9	316,626.0	332,627.8	327,029.1	332,253.2	338,920.8	341,682.4	343,971.9

**Table B1 Monetary survey** • The monetary survey shows consolidated data from the Monetary authorities accounts (Table C1) and Banks' accounts (Table D1).

Foreign assets (net) are the difference between total foreign assets and total foreign liabilities of the CNB and banks.

Domestic credit is the sum of corresponding items from Monetary authorities accounts and Banks' accounts. Claims on central government and funds are reported on a net basis, i.e. decreased by central government and funds' deposits with the CNB and banks.

Money is the sum of currency outside banks, deposits by

other banking institutions with the CNB, deposits by other domestic sectors with the CNB and banks' demand deposits (item Demand deposits in Banks' accounts, Table D1).

Items Savings and time deposits, Foreign currency deposits as well as Bonds and money market instruments are entirely taken over from the Banks' accounts, while item Restricted and blocked deposits represents the sum of corresponding items from the Monetary authorities accounts (excluding banks' blocked deposits with the CNB) and Banks' accounts. Other items (net) are unclassified liabilities decreased by unclassified assets.

Table B2 Number of reporting banks and savings banks and their classification by total assets

Year	Month	Total number of reporting banks	Reporting banks classified according to their total assets						Total number of reporting savings banks	Savings banks classified according to their total assets		
			Less than 100 million kuna	100 million kuna to less than 500 million kuna	500 million kuna to less than 1 billion kuna	1 billion kuna to less than 2 billion kuna	2 billion kuna to less than 10 billion kuna	10 billion kuna and over		Less than 10 million kuna	10 million kuna to less than 100 million kuna	100 million kuna and over
1	2	3	4	5	6	7	8	9	10	11	12	13
1998	December	60	3	26	8	11	10	2	33	4	25	4
1999	December	53	4	23	7	7	10	2	30	5	21	4
2000	December	45	3	15	9	6	10	2	29	5	19	5
2001	December	44	3	13	7	7	10	4	21	4	12	5
2002	December	46	4	13	7	9	8	5	10	3	5	2
2003	December	42	2	13	8	5	8	6	7	3	2	2
2004	December	39	1	12	9	6	5	6	6	3	3	–
2005	December	36	1	10	6	8	5	6	3	2	1	–
2006	December	35	2	6	5	10	4	8	3	2	1	–
2007	December	35	2	5	2	12	5	9	2	1	1	–
2008	December	36	2	7	1	11	6	9	2	1	1	–
2009	December	36	3	5	3	10	7	8	2	1	1	–
2010	December	36	3	5	2	9	9	8	2	1	1	–
2011	December	36	4	4	1	10	9	8	2	1	1	–
2012	January	35	4	4	1	9	9	8	2	1	1	–
	February	35	4	4	1	9	9	8	2	1	1	–
	March	35	4	4	1	9	9	8	2	1	1	–
	April	35	4	4	1	10	8	8	2	1	1	–
	May	35	4	4	1	9	9	8	2	1	1	–
	June	35	4	4	1	10	8	8	2	1	1	–
	July	35	4	4	1	10	8	8	2	1	1	–
	August	35	4	4	1	10	8	8	2	1	1	–
	September	35	4	4	1	9	9	8	2	1	1	–
	October	35	4	4	1	10	8	8	2	1	1	–
	November	35	4	4	1	9	9	8	2	1	1	–

Table B2 Number of reporting banks and savings banks and their classification by total assets • The table shows the total number of banks and savings banks during the transition period which report monthly to the CNB. Their operations are shown in the Banks' accounts. Monetary statistics includes reporting

institutions under winding-up and, until February 2005, institutions whose operating licences have been revoked, but which have not initiated winding-up proceedings.

The table also shows the classification of reporting banks and savings banks according to their total assets.

Table C1 Monetary authorities accounts  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
<b>ASSETS</b>										
1 Foreign assets	68,177.8	66,805.5	75,807.8	78,728.2	84,302.0	85,129.0	87,381.9	84,807.5	85,662.9	85,334.9
1.1 Gold	–	–	–	–	–	–	–	–	–	–
1.2 Holdings of SDRs	5.6	5.3	2,423.7	2,634.5	2,716.3	2,658.5	2,788.6	2,708.0	2,730.6	2,719.3
1.3 Reserve position in the IMF	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.4	1.4
1.4 Currency and demand deposits with foreign banks	7.2	1,472.7	1,763.8	1,483.0	1,887.2	1,879.9	1,881.5	7,542.0	7,647.0	10,483.2
1.5 Time deposits with foreign banks	33,204.4	13,189.3	17,534.5	22,702.9	18,676.4	16,922.9	12,014.6	8,792.8	10,689.6	7,762.0
1.6 Securities in f/c	34,959.3	52,136.9	54,084.5	51,906.5	61,020.7	63,666.2	70,695.7	65,763.3	64,594.2	64,369.0
1.7 Non-convertible foreign exchange	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Claims on central government and funds	1.0	2.2	2.9	0.3	251.8	52.8	–	–	–	–
2.1 Claims in kuna	1.0	2.2	2.9	0.3	251.8	52.8	–	–	–	–
2.2 Claims in f/c	–	–	–	–	–	–	–	–	–	–
3 Claims on other domestic sectors	67.9	64.2	4.2	3.8	3.5	3.5	3.4	2.7	2.6	2.6
4 Claims on banks	4,178.3	13.9	13.5	12.9	139.2	61.9	11.8	11.7	11.9	11.8
4.1 Credits to banks	4,178.3	13.9	13.5	12.9	139.2	61.9	11.8	11.7	11.9	11.8
Lombard credits	1,349.1	–	–	–	–	–	–	–	–	–
Short-term liquidity credits	–	–	–	–	126.8	50.0	–	–	–	–
Other credits	14.7	13.9	13.5	12.9	12.4	11.9	11.8	11.7	11.9	11.8
Reverse repo transactions	2,814.5	–	–	–	–	–	–	–	–	–
4.2 Overdue claims	–	–	–	–	–	–	–	–	–	–
5 Claims on other banking institutions	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2+3+4+5)</b>	<b>72,425.1</b>	<b>66,885.8</b>	<b>75,828.3</b>	<b>78,745.2</b>	<b>84,696.5</b>	<b>85,247.1</b>	<b>87,397.2</b>	<b>84,821.9</b>	<b>85,677.4</b>	<b>85,349.3</b>
<b>LIABILITIES</b>										
1 Reserve money	51,923.9	49,743.0	56,141.9	56,249.1	62,379.5	60,821.7	61,549.5	60,194.7	59,462.7	59,368.9
1.1 Currency outside banks	16,007.5	17,051.0	15,282.1	15,262.7	16,689.1	16,171.8	17,798.2	17,948.2	17,077.5	16,728.1
1.2 Banks' cash in vaults	3,305.8	3,428.3	3,659.6	4,048.7	4,253.9	3,759.6	4,498.7	4,341.4	4,220.0	4,114.8
1.3 Banks' deposits	32,610.6	29,263.7	37,200.1	36,937.6	41,436.0	40,889.8	39,251.8	37,904.1	38,165.1	38,525.9
Settlement accounts	7,553.9	9,520.3	12,024.6	10,246.1	12,705.0	10,298.1	9,945.1	12,165.8	10,742.3	10,330.0
Statutory reserves	22,275.6	19,222.7	23,600.6	22,705.1	25,755.0	27,636.7	24,728.7	24,901.5	24,806.9	24,611.4
CNB bills on obligatory basis	1,991.1	460.6	–	–	–	–	–	–	–	–
Overnight deposits	790.0	60.0	1,575.0	3,986.4	2,976.0	2,955.0	4,578.0	836.8	2,616.0	3,584.5
1.4 Deposits of other banking institutions	–	–	–	–	–	–	–	–	–	–
1.5 Deposits of other domestic sectors <sup>a</sup>	–	–	–	0.0	0.6	0.5	0.7	1.0	0.0	–
2 Restricted and blocked deposits	14,286.0	8,064.1	5,091.6	4,833.9	5,600.2	5,983.2	5,396.2	5,320.5	5,322.0	5,221.6

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
5.2 CNB bills in f/c	–	–	–	–	–	–	–	–	–	–
6 Capital accounts	6,664.5	9,562.4	11,151.3	13,090.1	15,787.9	14,715.2	15,881.1	14,923.0	15,816.9	15,995.1
7 Other items (net)	–665.6	–707.1	–735.9	–792.9	–844.6	–866.1	–870.3	–867.2	–869.3	–885.4
<b>Total (1+2+3+4+5+6+7)</b>	<b>72,425.1</b>	<b>66,885.8</b>	<b>75,828.3</b>	<b>78,745.2</b>	<b>84,696.5</b>	<b>85,247.1</b>	<b>87,397.2</b>	<b>84,821.9</b>	<b>85,677.4</b>	<b>85,349.3</b>

<sup>a</sup> The CDA accounts with the CNB for the gross and net settlement of purchased securities are reclassified from the central government sector to other domestic sectors from December 2002 onwards. <sup>b</sup> From October 2001 to May 2003, Liabilities to foreign banks include also liabilities based on CNB bills subscribed by non-residents.

**Table C1 Monetary authorities accounts** • The table reports data on claims and liabilities by monetary authorities.

Foreign assets include the following forms of foreign currency and kuna claims on foreign legal and natural persons: monetary gold, holdings of special drawing rights, foreign cash in vault, reserve position in the International Monetary Fund, current account balances with foreign banks, time deposits with foreign banks and accrued interest, foreign currency security investments and other claims.

Claims on central government and funds are loans, overdue claims on the budget of the Republic of Croatia and investments in short-term securities of the Republic of Croatia. In accordance with the Croatian National Bank Act that entered into force in April 2001, the Croatian National Bank may not extend credit to the Republic of Croatia. Hence, this item comprises only overdue claims on the budget of the Republic of Croatia based on the payment system operations and the liabilities to the IMF and foreign banks. Until April 2001, Claims in kuna were short-term loans granted for the purpose of overcoming timing differences between incoming revenues and execution of budgetary expenditures, long-term loans granted by special regulations by the government of the Republic of Croatia, and overdue claims on the budgetary central government, while Claims in foreign currency was a counter-entry to the liability to the IMF based on the succession of membership in that institution.

Claims on other domestic sectors are loans and overdue claims on other domestic sectors, including banks in bankruptcy proceedings.

Claims on banks are credits to banks and overdue claims on banks. Credits to banks comprise Lombard credits, short-term liquidity credits, other credits and reverse repo transactions. Item Lombard credits comprises credits to banks for regular maintaining of the day-to-day liquidity, which were replaced by Lombard credits in December 1994. Short-term liquidity credits, which have been granted since the beginning of 1999, also serve to bridge liquidity problems. Other credits include intervention credits, special credits for bridging liquidity problems granted in the past (initial credits, prerenhabilitation credits), due but unpaid credits and deposits of the CNB with banks. From April 2005 on, reverse repo transactions are conducted on a weekly basis. Overdue claims on banks comprise settlement account overdrafts (until mid-1994) and banks' failure to correctly and promptly allocate and maintain statutory reserve requirements.

Since May 1999, Claims on other domestic sectors include overdue claims on banks against which bankruptcy proceedings have been initiated. Due to the reclassification of savings banks from the subsector other banking institutions to the subsector

banks, data for Claims on banks and Claims on other banking institutions have been revised.

Reserve money consists of currency outside banks, cash in banks' vaults, banks' deposits with the CNB, other banking institutions' deposits and other domestic sectors' deposits with the CNB. Banks' deposits are: settlement account balances, statutory reserves deposited on a special account with the CNB (including, from March 2006, special reserve requirement on liabilities arising from issued securities), CNB bills on an obligatory basis and overnight deposits. Deposits by other banking institutions included, until September 2003, settlement account balances of housing savings banks. Deposits by other domestic sectors are other domestic sectors' giro account balances which are deposited with the Croatian National Bank in accordance with law or other regulation.

Restricted and blocked deposits include required foreign currency reserves and accrued interest, restricted deposits and blocked foreign currency deposits. Banks are required to set aside the reserve requirements against certain foreign currency sources of funds and the marginal reserve requirements (from August 2004 to October 2008) in special accounts at the Croatian National Bank. Restricted deposits are kuna funds set aside on the basis of a court order or regulations, kuna funds set aside in the period between May 1999 and April 2002 and deposits of banks against which bankruptcy proceedings have been initiated. Blocked foreign currency deposits are funds that were set aside in special accounts at the Croatian National Bank for repaying unpaid amounts due to foreign creditors.

Foreign liabilities include use of IMF credits, liabilities to international financial institutions and foreign banks and accrued interest.

Central government and funds' deposits are demand deposits and foreign currency deposits of the Republic of Croatia and central government funds with the CNB, and CNB bills purchased by central government institutions.

CNB bills are kuna and f/c CNB bills on a voluntary basis, excluding CNB bills voluntarily purchased by central government institutions.

Capital accounts include reserves, provisions and the income and cost accounts.

Other items (net) are unclassified liabilities decreased by unclassified assets of the Monetary authorities accounts.

Due to the reclassification of savings banks from the subsector other banking institutions to the subsector banks, data for Currency outside banks, Banks' cash in vaults, Banks' deposits and Deposits of other banking institutions were revised.



## D Banks

**Table D1 Banks' accounts**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
ASSETS										
1 Reserves with the CNB	50,178.9	40,705.6	45,902.1	45,759.6	51,238.7	50,567.0	49,024.9	47,440.4	47,578.0	48,138.5
1.1 In kuna	35,929.1	32,700.5	40,860.4	40,986.4	45,700.5	44,650.7	43,750.1	42,247.8	42,381.3	43,041.6
1.2 In f/c	14,249.8	8,005.1	5,041.7	4,773.2	5,538.2	5,916.3	5,274.7	5,192.7	5,196.6	5,096.9
2 Foreign assets	46,438.5	50,246.6	49,577.0	47,245.4	39,450.1	32,725.3	35,167.1	43,224.9	40,666.9	40,410.1
3 Claims on central government and funds	28,971.5	37,801.1	44,249.5	50,307.6	57,869.9	63,076.8	67,831.0	66,454.0	67,371.2	67,624.3
4 Claims on other domestic sectors	207,330.7	231,408.6	229,866.1	244,035.4	257,616.6	257,164.0	250,731.4	246,331.1	247,442.8	246,642.3
4.1 Claims on local government	2,140.8	2,077.4	2,074.2	2,412.8	2,712.3	2,682.8	2,611.2	2,468.6	2,543.5	2,532.0
4.2 Claims on enterprises	92,265.1	102,779.8	104,898.1	114,089.7	126,195.8	126,464.4	120,179.0	117,673.1	117,651.6	116,758.6
4.3 Claims on households	112,924.9	126,551.4	122,893.7	127,532.9	128,708.6	128,016.8	127,941.2	126,189.4	127,247.7	127,351.7
5 Claims on other banking institutions	1,640.0	441.9	681.7	890.9	1,350.3	1,314.0	1,080.6	974.7	1,002.0	1,091.6
6 Claims on non-banking financial instituions	1,789.7	1,067.4	1,109.9	2,590.0	2,078.3	1,888.7	2,052.4	2,517.2	2,086.5	2,128.3
Total (1+2+3+4+5+6)	336,349.4	361,671.2	371,386.3	390,829.0	409,604.0	406,735.8	405,887.3	406,942.4	406,147.3	406,035.2
LIABILITIES										
1 Demand deposits	41,870.8	38,171.2	31,899.6	33,888.9	36,161.3	31,217.3	33,668.6	34,399.1	34,238.5	34,380.1
2 Savings and time deposits	53,644.9	50,070.3	39,139.4	34,823.4	40,926.9	42,312.9	41,726.0	42,200.5	43,031.7	39,965.6
3 Foreign currency deposits	103,090.1	117,194.8	135,410.6	147,557.1	145,166.1	144,007.4	144,791.5	149,855.7	151,134.2	155,612.5
4 Bonds and money market instruments	1,208.8	2,531.1	1,362.8	1,337.4	2,112.9	1,820.3	2,021.6	2,198.6	2,170.0	2,327.1
5 Foreign liabilities	65,152.6	75,296.1	80,365.3	81,940.4	90,276.5	90,766.9	87,230.9	81,825.4	77,984.4	75,389.7
6 Central government and funds' deposits	13,525.8	16,007.5	18,219.3	19,870.3	18,244.9	18,964.8	19,323.1	18,315.0	18,622.9	18,223.5
7 Credit from central bank	4,178.3	14.0	13.5	12.9	139.1	61.8	11.8	11.7	11.8	11.8
8 Restricted and blocked deposits	2,252.3	3,038.4	2,548.4	2,328.3	3,231.5	2,578.6	2,576.1	2,481.9	2,615.6	2,511.5
9 Capital accounts	53,178.9	60,317.4	66,306.4	71,826.9	76,624.4	78,372.4	78,303.7	79,788.5	80,438.6	81,152.9
10 Other items (net)	-1,753.2	-969.7	-3,879.1	-2,756.6	-3,279.6	-3,366.5	-3,766.0	-4,134.0	-4,100.4	-3,539.4
Total (1+2+3+4+5+6+7+8+9+10)	336,349.4	361,671.2	371,386.3	390,829.0	409,604.0	406,735.8	405,887.3	406,942.4	406,147.3	406,035.2

**Table D1 Banks' accounts** • Banks' accounts include data on banks' claims and liabilities. Banks' mutual claims and liabilities are consolidated.

Required reserves held at the central bank include kuna and foreign currency reserves. Kuna reserves include vault cash and kuna funds held in accounts at the central bank. Foreign currency reserves include foreign currency held in the CNB's foreign currency accounts.

Foreign assets are the following forms of kuna and foreign currency claims on foreign legal and natural persons: foreign cash in vaults, current account balances with foreign banks and time deposits with foreign banks (including loro letters of credit and other forms of collateral), securities, loans, and equities.

Claims on central government and funds are the following forms of claims in kuna and foreign currency: securities and loans.

Claims on other domestic sectors include the following claims in kuna and foreign currency: money market instruments, bonds, loans (including acceptances), and equities.

The same forms of kuna and foreign currency claims are included in claims on other banking institutions and non-banking financial institutions, with one difference: Claims on other banking institutions also include deposits with those institutions.

Items Demand deposits, Savings and time deposits, Foreign currency deposits as well as Bonds and money market

instruments comprise banks' liabilities to other domestic sectors, other banking institutions and non-banking financial institutions.

Demand deposits include giro and current accounts balances and banks' obligations arising from kuna payment instruments issued, minus currency in the payment system, i.e. checks in banks' vaults and checks in collection.

Savings and time deposits are kuna sight deposits as well as kuna time and notice deposits.

Foreign currency deposits are foreign currency sight deposits as well as foreign currency time and notice deposits.

Bonds and money market instruments are banks' liabilities for securities issued (net) and loans received. Issued subordinated and hybrid instruments, purchased by foreign investors, are excluded from this item.

Foreign liabilities comprise the following forms of kuna and foreign currency liabilities to foreign legal and natural persons: giro and current accounts, savings deposits (including loro letters of credit and other forms of collateral), time deposits, loans received and liabilities due. Issued subordinate and hybrid instruments, purchased by foreign investors, are also included in loans received.

Central government and funds' deposits are all forms of banks' kuna and foreign currency liabilities (except restricted and blocked deposits) to the central government and funds.

Credit from central bank comprises loans received from the CNB and deposits by the CNB with banks. Repurchase of securities is also considered and treated as a loan.

Restricted and blocked deposits comprise the following banks' liabilities: kuna and foreign currency restricted deposits by other domestic sectors, other banking institutions, non-banking financial institutions, central government and funds as well as foreign legal and natural persons, and households' blocked foreign currency deposits, regulated by the Act on Converting Households' Foreign Currency Deposits into the Public Debt of the Republic of Croatia.

Capital accounts are share capital, profit or loss for the

previous and current year, retained earnings (loss), legal reserves, reserves provided for by the articles of association and other capital reserves, hedging reserves, unrealised gains (losses) from financial assets classified as available-for-sale assets, value adjustments and collectively assessed impairment provisions.

Other items (net) are unclassified liabilities decreased by unclassified assets, including the fair value of derivative financial instruments.

**Tables D2 – D12 •** This group of tables (with the exception of Table D5) provides a detailed analysis of the relevant asset and liability items from Table D1 (Banks' accounts).

**Table D2 Banks' foreign assets**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Foreign assets in f/c	45,837.2	49,705.1	49,230.3	46,920.2	39,159.2	32,384.4	34,674.1	41,985.6	39,725.6	39,131.3
1.1 Claims on foreign financial institutions	37,824.9	38,038.3	34,186.6	32,069.1	29,698.4	24,319.4	26,529.6	33,357.5	31,472.2	30,666.9
Foreign currencies	1,245.5	1,973.2	1,772.6	1,628.4	1,944.8	1,621.0	2,290.7	1,824.8	1,777.3	1,504.2
Demand deposits	1,305.2	2,109.8	1,338.7	1,584.7	2,486.3	2,085.7	3,321.8	4,784.6	4,957.3	5,166.8
Time and notice deposits	31,726.1	31,444.5	29,254.5	26,728.1	22,302.7	17,534.0	16,499.5	21,417.6	19,168.2	18,425.0
Securities	3,210.4	2,307.1	1,629.0	1,896.5	2,840.4	2,817.4	4,269.0	5,203.2	5,440.7	5,374.8
Loans and advances	195.9	166.3	117.6	170.1	67.7	220.4	107.3	82.3	82.8	149.5
Shares and participations	141.9	37.4	74.2	61.3	56.4	41.0	41.3	45.0	45.9	46.6
1.2 Claims on foreign non-banks	8,012.3	11,666.8	15,043.7	14,851.2	9,460.8	8,065.0	8,144.4	8,628.1	8,253.5	8,464.4
Claims on foreign governments	6,696.1	9,976.8	13,477.2	13,047.3	7,544.3	6,110.7	6,107.9	6,431.6	6,188.5	6,901.1
Claims on other non-residents	1,295.2	1,613.5	1,534.5	1,785.9	1,857.5	1,891.1	2,013.8	2,173.0	2,039.7	1,536.4
Securities	180.9	235.1	205.4	131.0	62.8	65.6	68.1	58.3	54.8	59.1
Loans and advances	1,114.3	1,378.4	1,329.1	1,654.9	1,794.6	1,825.5	1,945.7	2,114.7	1,984.9	1,477.4
Shares and participations	20.9	76.5	32.0	17.9	59.0	63.2	22.7	23.5	25.3	26.9
2 Foreign assets in kuna	601.3	541.5	346.7	325.2	290.9	340.8	493.0	1,239.3	941.2	1,278.8
2.1 Claims on foreign financial institutions	408.1	144.1	86.3	72.4	122.9	168.8	318.4	1,062.8	760.2	1,096.8
2.2 Claims on foreign non-banks	193.3	397.4	260.3	252.8	168.0	172.0	174.5	176.5	181.1	182.0
o/w: Loans and advances	192.7	396.8	260.0	252.5	167.7	171.7	174.2	176.2	180.8	181.6
<b>Total (1+2)</b>	<b>46,438.5</b>	<b>50,246.6</b>	<b>49,577.0</b>	<b>47,245.4</b>	<b>39,450.1</b>	<b>32,725.3</b>	<b>35,167.1</b>	<b>43,224.9</b>	<b>40,666.9</b>	<b>40,410.1</b>

**Table D2 Banks' foreign assets •** This table shows banks' claims on foreign legal and natural persons.

Foreign assets of banks comprise foreign assets in kuna and foreign currency.

Claims on foreign banks and Claims on foreign non-banks (total and by financial instruments) are shown separately within both foreign assets in kuna and in foreign currency.

Table D3 Banks' claims on the central government and funds

end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 In kuna	24,081.8	24,901.6	24,461.9	28,491.6	30,089.7	28,410.5	34,357.6	33,333.2	33,667.7	33,892.1
1.1 Claims on central government	19,057.3	19,899.5	19,230.6	21,461.5	22,981.1	21,497.2	24,141.2	23,216.7	23,538.4	23,684.2
Securities	16,099.8	16,969.0	16,305.4	17,752.1	19,749.9	17,759.1	17,141.8	16,360.7	16,627.4	16,837.9
o/w: Bonds (c'part to f/c savings deposits)	6.4	6.1	5.2	6.7	5.8	1.0	0.6	0.6	0.4	0.3
Loans and advances	2,957.5	2,930.4	2,925.1	3,709.4	3,231.2	3,738.1	6,999.4	6,856.0	6,911.0	6,846.3
1.2 Claims on central government funds	5,024.5	5,002.1	5,231.3	7,030.2	7,108.6	6,913.2	10,216.5	10,116.4	10,129.3	10,207.9
Securities	–	6.1	–	–	–	–	–	–	–	–
Loans and advances	5,024.5	4,996.1	5,231.3	7,030.2	7,108.6	6,913.2	10,216.5	10,116.4	10,129.3	10,207.9
2 In f/c	4,889.7	12,899.5	19,787.7	21,815.9	27,780.1	34,666.3	33,473.4	33,120.8	33,703.5	33,732.2
2.1 Claims on central government	4,388.6	9,843.6	14,793.1	14,901.3	18,262.6	24,447.8	22,827.1	22,810.8	22,826.5	22,847.0
Securities	268.4	300.7	234.7	207.7	1,281.2	6,367.9	6,832.2	6,857.6	6,914.9	6,902.3
Loans and advances	4,120.1	9,542.9	14,558.4	14,693.5	16,981.4	18,079.8	15,994.9	15,953.1	15,911.5	15,944.6
2.2 Claims on central government funds	501.2	3,055.9	4,994.6	6,914.7	9,517.6	10,218.5	10,646.3	10,310.1	10,877.0	10,885.3
Securities	82.1	50.9	52.0	84.7	71.3	69.7	68.9	13.4	13.5	13.5
Loans and advances	419.1	3,005.1	4,942.6	6,830.0	9,446.3	10,148.8	10,577.4	10,296.7	10,863.5	10,871.7
Total (1+2)	28,971.5	37,801.1	44,249.5	50,307.6	57,869.9	63,076.8	67,831.0	66,454.0	67,371.2	67,624.3

**Table D3 Banks' claims on the central government and funds** • The table shows banks' kuna and foreign currency claims on the central government and funds. The item Securities, shown under Claims in kuna on the Republic of Croatia, also

comprises bonds arising from blocked foreign currency savings deposits issued in accordance with the Act on Converting Households' Foreign Currency Deposits into the Public Debt of the Republic of Croatia.

Table D4 Banks' claims on other domestic sectors

end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Claims in kuna	194,476.7	216,530.8	211,273.4	221,988.6	233,543.4	233,036.2	228,773.0	225,852.7	227,695.0	227,931.2
1.1 Money market instruments	2,147.4	2,674.5	2,040.2	1,873.2	2,258.8	2,251.6	2,678.1	2,760.6	2,783.9	2,586.4
1.2 Bonds	1,366.0	1,341.4	1,691.0	1,702.7	1,618.7	1,566.8	1,714.4	1,614.2	1,605.9	1,581.0
1.3 Loans and advances	188,462.5	210,424.0	205,279.3	215,923.2	226,136.0	225,697.5	220,854.9	217,965.0	219,794.0	220,258.6
1.4 Shares and participations	2,500.8	2,090.8	2,262.9	2,489.5	3,530.0	3,520.3	3,525.6	3,513.0	3,511.1	3,505.2
2 Claims in f/c	12,854.0	14,877.8	18,592.7	22,046.8	24,073.2	24,127.9	21,958.3	20,478.4	19,747.8	18,711.1
2.1 Securities	249.2	109.3	441.1	105.7	163.1	91.0	108.7	60.7	119.0	165.4
2.2 Loans and advances	12,604.9	14,768.5	18,151.7	21,941.1	23,910.1	24,036.9	21,849.6	20,417.7	19,628.7	18,545.7
Total (1+2)	207,330.7	231,408.6	229,866.1	244,035.4	257,616.6	257,164.0	250,731.4	246,331.1	247,442.8	246,642.3

**Table D4 Banks' claims on other domestic sectors** • The table shows banks' kuna and foreign currency claims on other domestic sectors, classified according to financial instruments:

money market instruments (including factoring and forfeiting since January 2004), loans and advances (including acceptances and purchased claims), and equities.

Table D5 Distribution of banks' loans by domestic institutional sectors

end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
LOANS IN KUNA										
1 Loans to central government and funds	7,982.0	7,926.5	8,156.4	10,739.6	10,339.8	10,651.4	17,215.8	16,972.5	17,040.3	17,054.2
1.1 Loans to central government	2,957.5	2,930.4	2,925.1	3,709.4	3,231.2	3,738.1	6,999.4	6,856.0	6,911.0	6,846.3
1.2 Loans to central government funds	5,024.5	4,996.1	5,231.3	7,030.2	7,108.6	6,913.2	10,216.5	10,116.4	10,129.3	10,207.9
2 Loans to local government	1,867.5	1,786.9	1,795.4	2,168.1	2,528.2	2,503.1	2,438.0	2,323.5	2,396.4	2,384.3
3 Loans to enterprises	74,001.7	82,431.7	80,913.1	86,564.6	95,224.8	95,508.3	90,806.4	89,759.5	90,448.1	90,820.4
4 Loans to households	112,593.3	126,205.3	122,570.8	127,190.5	128,382.9	127,686.1	127,610.6	125,882.0	126,949.5	127,053.9
o/w: Housing loans	45,218.6	52,305.5	52,949.4	57,984.0	59,610.9	59,343.9	59,520.6	58,777.5	59,289.7	59,397.2
5 Loans to other banking institutions	213.6	36.1	236.5	293.2	532.0	263.5	140.7	156.1	115.0	137.7
6 Loans to non-banking financial institutions	947.6	741.4	689.0	2,063.0	1,480.0	1,313.1	1,632.8	2,117.2	1,656.0	1,512.6
A Total (1+2+3+4+5+6)	197,605.7	219,128.0	214,361.3	229,018.9	238,487.8	237,925.5	239,844.3	237,210.8	238,605.3	238,963.1
LOANS IN F/C										
1 Loans to central government and funds	4,539.2	12,548.0	19,501.0	21,523.5	26,427.7	28,228.7	26,572.3	26,249.9	26,775.0	26,816.4
1.1 Loans to central government	4,120.1	9,542.9	14,558.4	14,693.5	16,981.4	18,079.8	15,994.9	15,953.1	15,911.5	15,944.6
1.2 Loans to central government funds	419.1	3,005.1	4,942.6	6,830.0	9,446.3	10,148.8	10,577.4	10,296.7	10,863.5	10,871.7
2 Loans to local government	8.7	5.5	3.0	0.5	0.3	0.3	0.3	0.3	0.2	0.2
3 Loans to enterprises	12,264.5	14,416.8	17,825.7	21,598.3	23,584.1	23,705.9	21,518.7	20,110.0	19,330.3	18,247.7
4 Loans to households	331.6	346.1	323.0	342.4	325.7	330.7	330.6	307.5	298.2	297.8
5 Loans to other banking institutions	74.0	1.2	31.0	0.6	69.1	65.6	77.0	–	53.9	37.8
6 Loans to non-banking financial institutions	668.0	143.5	269.4	341.3	452.6	449.1	288.8	272.4	313.9	297.2
B Total (1+2+3+4+5+6)	17,886.0	27,461.1	37,953.0	43,806.5	50,859.5	52,780.4	48,787.6	46,940.0	46,771.6	45,697.0
TOTAL (A+B)	215,491.7	246,589.1	252,314.3	272,825.4	289,347.3	290,705.9	288,631.9	284,150.8	285,376.9	284,660.1

Table D5 Distribution of banks' loans by domestic institutional sectors • The table shows data on kuna and foreign currency loans granted by banks to domestic sectors, including

acceptances, financial leases, payments made on the basis of guarantees and similar instruments, purchased claims, and until December 2003 factoring and forfeiting.

Table D6 Demand deposits with banks

end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Local government	2,689.4	2,441.1	1,377.7	1,303.3	1,616.9	989.3	1,154.4	1,264.0	1,376.7	1,298.8
2 Enterprises	19,599.3	16,896.1	14,893.1	15,860.4	17,127.7	13,203.4	15,054.3	15,549.7	15,525.0	15,661.6
3 Households	17,896.7	17,620.1	14,218.6	15,581.9	16,156.0	15,814.9	15,738.0	16,268.1	15,714.8	15,641.1
4 Other banking institutions	481.1	293.6	517.1	347.5	397.9	459.7	609.6	530.7	573.0	554.7
5 Non-banking financial institutions	1,205.2	921.1	893.4	796.0	862.9	750.1	1,112.3	786.6	1,049.1	1,223.9
6 Less: Checks of other banks and checks in collection	–0.9	–0.7	–0.3	–0.2	–0.1	0.0	0.0	0.0	0.0	0.0
<b>Total (1+2+3+4+5+6)</b>	<b>41,870.8</b>	<b>38,171.2</b>	<b>31,899.6</b>	<b>33,888.9</b>	<b>36,161.3</b>	<b>31,217.3</b>	<b>33,668.6</b>	<b>34,399.1</b>	<b>34,238.5</b>	<b>34,380.1</b>

Table D6 Demand deposits with banks • The table shows demand deposits with banks, classified by domestic institutional sectors.

Demand deposits are the sum of other domestic sectors', other banking institutions' and non-banking financial

institutions' giro and current accounts balances, minus currency in the payment system (i.e. checks in banks' vaults and checks in collection). Banks' obligations arising from kuna payment instruments issued are included in the household sector.

**Table D7 Time and savings deposits with banks**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Savings deposits	3,086.1	2,770.3	2,523.1	2,503.2	2,506.4	2,334.6	2,338.0	2,315.6	2,374.1	2,330.3
1.1 Local government	2.5	0.0	0.0	0.1	21.2	2.6	1.9	1.5	0.4	0.1
1.2 Enterprises	154.7	108.8	203.7	318.9	440.5	359.5	388.0	400.9	490.9	438.6
1.3 Households	2,929.0	2,657.7	2,268.9	2,167.4	2,016.9	1,955.2	1,891.8	1,883.5	1,848.1	1,849.2
1.4 Other banking institutions	–	–	5.0	–	4.3	1.4	1.7	0.1	0.1	1.3
1.5 Non-banking financial institutions	–	3.7	45.5	16.9	23.4	16.0	54.6	29.7	34.7	41.0
2 Time and notice deposits	50,558.8	47,300.1	36,616.3	32,320.2	38,420.6	39,978.2	39,388.0	39,884.9	40,657.5	37,635.3
2.1 Local government	549.5	726.0	498.8	355.2	314.6	619.9	657.8	701.4	709.3	690.0
2.2 Enterprises	18,414.8	16,268.0	11,559.0	8,933.3	11,249.5	11,566.0	9,318.2	10,083.8	10,669.8	7,324.4
2.3 Households	20,479.1	22,721.6	16,910.7	17,188.1	19,129.1	20,039.6	19,909.9	20,362.4	20,646.6	20,778.6
2.4 Other banking institutions	6,386.5	2,563.4	3,039.8	2,448.8	4,041.8	4,438.1	5,901.7	5,497.5	5,580.2	5,502.2
2.5 Non-banking financial institutions	4,728.9	5,021.1	4,608.1	3,394.8	3,685.5	3,314.6	3,600.3	3,239.7	3,051.6	3,340.1
<b>Total (1+2)</b>	<b>53,644.9</b>	<b>50,070.3</b>	<b>39,139.4</b>	<b>34,823.4</b>	<b>40,926.9</b>	<b>42,312.9</b>	<b>41,726.0</b>	<b>42,200.5</b>	<b>43,031.7</b>	<b>39,965.6</b>

**Table D7 Time and savings deposits with banks** • The table shows kuna savings and time deposits by other domestic sectors, other banking institutions and non-banking financial institutions with banks.

**Table D8 Foreign currency deposits with banks**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Savings deposits	22,845.0	21,262.2	20,781.0	22,906.1	22,833.9	21,318.9	21,368.6	23,803.6	23,679.2	22,982.7
1.1 Local government	27.5	22.1	25.5	15.8	8.9	16.1	13.5	17.0	16.0	15.4
1.2 Enterprises	5,543.6	5,132.0	5,053.6	5,738.5	5,552.0	4,517.2	4,534.0	5,754.3	5,617.6	5,514.9
1.3 Households	16,720.8	15,682.8	15,148.7	16,313.0	16,821.4	16,266.3	16,334.9	17,031.5	16,550.0	16,362.9
1.4 Other banking institutions	251.7	121.4	150.4	268.5	66.6	111.3	90.3	162.2	173.5	121.1
1.5 Non-banking financial institutions	301.5	303.9	402.9	570.2	385.0	408.0	395.9	838.6	1,322.0	968.4
2 Time deposits	80,245.1	95,932.6	114,629.6	124,651.0	122,332.2	122,688.5	123,423.0	126,052.2	127,455.1	132,629.8
2.1 Local government	2.1	2.3	2.5	2.3	11.2	6.2	4.9	4.4	5.7	5.7
2.2 Enterprises	10,391.9	11,215.5	13,516.9	15,097.8	10,372.5	9,580.8	9,222.2	9,973.3	9,836.2	14,446.6
2.3 Households	66,465.7	80,419.6	95,598.0	104,621.4	109,304.8	109,917.9	110,868.7	111,779.7	113,793.6	114,420.5
2.4 Other banking institutions	1,038.6	808.2	663.0	1,384.1	682.5	659.2	774.5	865.4	879.6	884.6
2.5 Non-banking financial institutions	2,346.8	3,487.0	4,849.1	3,545.4	1,961.2	2,524.4	2,552.8	3,429.3	2,939.9	2,872.4
<b>Total (1+2)</b>	<b>103,090.1</b>	<b>117,194.8</b>	<b>135,410.6</b>	<b>147,557.1</b>	<b>145,166.1</b>	<b>144,007.4</b>	<b>144,791.5</b>	<b>149,855.7</b>	<b>151,134.2</b>	<b>155,612.5</b>

**Table D8 Foreign currency deposits with banks** • The table shows foreign currency savings and time deposits by other domestic sectors, other banking institutions and non-banking financial institutions with banks. Foreign currency savings deposits are all foreign currency sight deposits and foreign currency payment instruments issued, while foreign currency time deposits also include foreign currency notice deposits.

Table D9 Bonds and money market instruments

end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Money market instruments (net)	0.8	0.8	0.8	–	–	–	–	–	–	–
2 Bonds (net)	632.0	609.5	765.3	1,016.7	1,769.1	1,726.8	1,689.1	1,479.8	1,490.2	1,656.9
3 Other domestic borrowing	576.0	1,920.8	596.7	320.7	343.8	93.5	332.6	718.8	679.8	670.2
3.1 Local government	–	–	–	–	–	–	–	–	–	–
3.2 Enterprises	152.9	3.5	4.6	2.4	1.6	2.4	237.5	561.8	561.7	566.7
3.3 Other banking institutions	266.4	1,719.2	551.8	318.1	205.1	72.1	57.5	119.2	80.0	65.4
3.4 Non-banking financial institutions	156.6	198.0	40.4	0.1	137.0	19.0	37.6	37.8	38.1	38.2
<b>Total (1+2+3)</b>	<b>1,208.8</b>	<b>2,531.1</b>	<b>1,362.8</b>	<b>1,337.4</b>	<b>2,112.9</b>	<b>1,820.3</b>	<b>2,021.6</b>	<b>2,198.6</b>	<b>2,170.0</b>	<b>2,327.1</b>

**Table D9 Bonds and money market instruments** • The table shows banks' liabilities for securities issued (net) and loans received from other domestic sectors, other banking institutions and non-banking financial institutions.

Money market instruments (net) comprise banks' net liabilities for CNB bills, bills of exchange (issued and accepted) and other securities issued.

Bonds (net) comprise banks' net liabilities for kuna and foreign currency bonds issued, as well as issued subordinated and hybrid instruments, excluding those purchased by foreign investors.

Other domestic borrowing comprises loans received, which are reported in the total amount and classified by institutional sectors.

Table D10 Banks' foreign liabilities

end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Foreign liabilities in f/c	48,461.3	54,726.8	60,046.7	58,715.8	67,938.6	68,460.5	66,048.3	60,887.6	60,536.6	57,925.3
1.1 Liabilities to foreign financial institutions	41,483.1	47,878.5	51,702.3	48,789.0	58,001.2	58,415.5	55,809.6	50,615.2	50,231.3	47,769.6
Demand deposits	258.8	176.6	221.0	208.3	184.4	133.5	155.5	224.7	249.9	189.5
Time and notice deposits	10,562.9	14,016.4	21,945.8	20,188.9	27,444.5	26,846.9	25,822.7	20,811.9	20,140.7	17,494.9
Loans and advances	27,373.0	30,408.3	29,535.4	28,391.9	30,372.2	31,435.1	29,831.4	29,578.6	29,840.8	30,085.3
o/w: Subordinated and hybrid instruments	405.9	1,585.1	2,000.7	2,079.8	2,268.1	2,212.4	2,214.6	2,193.8	2,218.9	2,225.5
Bonds	3,288.4	3,277.1	–	–	–	–	–	–	–	–
1.2 Liabilities to foreign non-banks	6,978.2	6,848.4	8,344.4	9,926.7	9,937.5	10,045.0	10,238.7	10,272.4	10,305.3	10,155.7
Savings and time deposits	6,729.9	6,719.0	8,336.3	9,909.3	9,921.2	10,029.4	10,225.1	10,259.5	10,292.2	10,142.6
Sight deposits	1,537.2	1,374.5	1,267.8	1,434.3	1,434.3	1,479.2	1,550.4	1,794.6	1,472.2	1,503.4
Time and notice deposits	5,192.7	5,344.6	7,068.6	8,475.0	8,486.9	8,550.1	8,674.7	8,464.9	8,820.0	8,639.1
Loans and advances	248.3	129.3	8.0	17.5	16.2	15.6	13.6	12.9	13.1	13.1
o/w: Subordinated and hybrid instruments	–	–	–	11.1	11.3	11.3	9.3	9.2	9.3	9.3
2 Foreign liabilities in kuna	16,691.3	20,569.2	20,318.6	23,224.6	22,337.9	22,306.4	21,182.6	20,937.8	17,447.7	17,464.3
2.1 Liabilities to foreign financial institutions	16,093.8	20,061.0	19,943.0	22,817.7	21,806.5	21,755.7	20,673.2	20,362.7	16,905.4	16,877.9
Demand deposits	519.0	898.1	359.1	696.3	655.0	607.8	1,059.7	645.7	828.3	863.7
Time and notice deposits	11,423.7	15,014.2	14,654.3	15,963.5	16,449.5	18,080.7	16,590.9	16,705.4	13,072.0	13,020.6
Loans and advances	4,151.2	4,148.8	4,929.6	6,158.0	4,702.1	3,067.1	3,022.6	3,011.6	3,005.1	2,993.6
o/w: Subordinated and hybrid instruments	0.4	–	749.2	899.0	964.6	963.2	954.1	975.5	987.5	955.4
2.2 Liabilities to foreign non-banks	597.5	508.2	375.7	406.8	531.4	550.7	509.5	575.1	542.4	586.4
Demand deposits	253.2	257.0	222.8	250.3	355.0	339.7	326.1	378.3	340.2	383.2
Time and notice deposits	340.6	245.7	144.4	148.0	162.7	197.4	169.7	181.6	186.9	187.6
Loans and advances	3.7	5.5	8.5	8.5	13.7	13.6	13.6	15.2	15.2	15.6
o/w: Subordinated and hybrid instruments	3.7	5.5	8.5	8.5	13.7	13.6	13.6	15.2	15.2	15.6
<b>Total (1+2)</b>	<b>65,152.6</b>	<b>75,296.1</b>	<b>80,365.3</b>	<b>81,940.4</b>	<b>90,276.5</b>	<b>90,766.9</b>	<b>87,230.9</b>	<b>81,825.4</b>	<b>77,984.4</b>	<b>75,389.7</b>

**Table D10 Banks' foreign liabilities** • The table shows banks' total foreign currency and kuna liabilities to foreign legal and natural persons, with the exception of restricted kuna and foreign currency deposits by foreign legal and natural persons.

Banks' foreign liabilities comprise foreign currency liabilities and foreign kuna liabilities.

Within foreign kuna and foreign currency liabilities, liabilities to foreign banks are reported separately from liabilities to foreign non-banks (total and by financial instruments). Loans and advances also include issued subordinated and hybrid instruments purchased by foreign investors.

**Table D11 Central government and funds' deposits with banks**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 In kuna	11,535.0	14,185.1	15,124.1	16,089.9	15,857.4	15,863.0	16,508.3	16,444.8	16,552.8	16,727.7
1.1 Central government deposits	666.4	429.5	356.6	806.8	664.2	648.4	750.4	901.1	806.0	831.1
Demand deposits	454.9	176.7	189.3	306.0	424.6	447.2	515.4	623.2	539.5	667.6
Savings deposits	1.2	1.1	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
Time and notice deposits	209.3	251.6	166.7	485.3	230.9	200.8	234.5	277.4	266.1	163.1
Loans and advances	1.0	–	–	15.0	8.3	–	–	–	–	–
1.2 Central government funds' deposits	10,868.6	13,755.5	14,767.5	15,283.1	15,193.2	15,214.6	15,757.9	15,543.7	15,746.9	15,896.6
Demand deposits	330.1	645.6	389.5	290.9	493.0	251.0	240.1	260.4	213.6	235.1
Savings deposits	2.4	0.0	0.3	0.0	–	–	–	0.0	0.0	–
Time and notice deposits	413.6	385.8	410.8	329.0	87.6	565.7	637.3	575.4	467.7	594.9
Loans and advances	10,122.4	12,724.1	13,966.9	14,663.3	14,612.6	14,397.9	14,880.5	14,707.9	15,065.6	15,066.6
2 In f/c	1,990.8	1,822.5	3,095.2	3,780.4	2,387.5	3,101.8	2,814.8	1,870.2	2,070.1	1,495.8
2.1 Central government deposits	759.4	1,122.5	1,088.3	1,656.1	1,467.8	1,520.7	1,245.2	1,300.7	1,334.4	1,192.1
Savings deposits	527.4	666.8	716.8	993.9	620.3	431.6	749.0	555.9	784.9	923.2
Time and notice deposits	49.7	330.0	309.4	662.0	847.2	1,088.9	496.1	744.9	549.5	269.0
Refinanced loans and advances	182.3	125.7	62.2	0.2	0.2	0.2	–	–	–	–
2.2 Central government funds' deposits	1,231.4	699.9	2,006.9	2,124.3	919.7	1,581.1	1,569.6	569.5	735.7	303.6
Savings deposits	85.7	107.1	106.6	90.2	94.4	179.5	818.6	105.5	304.2	177.0
Time and notice deposits	153.8	519.6	256.4	601.3	381.8	765.7	112.7	346.5	312.7	0.0
Loans and advances	991.8	73.2	1,643.9	1,432.7	443.5	635.8	638.4	117.5	118.8	126.6
<b>Total (1+2)</b>	<b>13,525.8</b>	<b>16,007.5</b>	<b>18,219.3</b>	<b>19,870.3</b>	<b>18,244.9</b>	<b>18,964.8</b>	<b>19,323.1</b>	<b>18,315.0</b>	<b>18,622.9</b>	<b>18,223.5</b>

**Table D11 Central government and funds' deposits with banks** • The table reports total banks' kuna and foreign currency liabilities to the central government and funds, with the exception of restricted (kuna and foreign currency) deposits by the central government and funds with banks.

Kuna and foreign currency deposits by the Republic of

Croatia and central government funds are shown separately. Kuna deposits comprise demand deposits, savings deposits, time and notice deposits, and loans received from the central government and funds. Foreign currency deposits comprise savings deposits, time and notice deposits, and refinanced loans and advances.

**Table D12 Restricted and blocked deposits with banks**  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 Restricted deposits	2,252.3	3,038.4	2,548.4	2,328.3	3,231.5	2,578.6	2,576.1	2,481.9	2,615.6	2,511.5
1.1 In kuna	1,322.8	1,478.8	1,366.0	1,428.9	1,751.7	1,593.9	1,567.4	1,533.3	1,573.6	1,620.1
1.2 In f/c	929.5	1,559.6	1,182.5	899.4	1,479.8	984.7	1,008.7	948.6	1,042.0	891.3
2 Blocked f/c deposits of households	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2)</b>	<b>2,252.3</b>	<b>3,038.4</b>	<b>2,548.4</b>	<b>2,328.3</b>	<b>3,231.5</b>	<b>2,578.6</b>	<b>2,576.1</b>	<b>2,481.9</b>	<b>2,615.6</b>	<b>2,511.5</b>

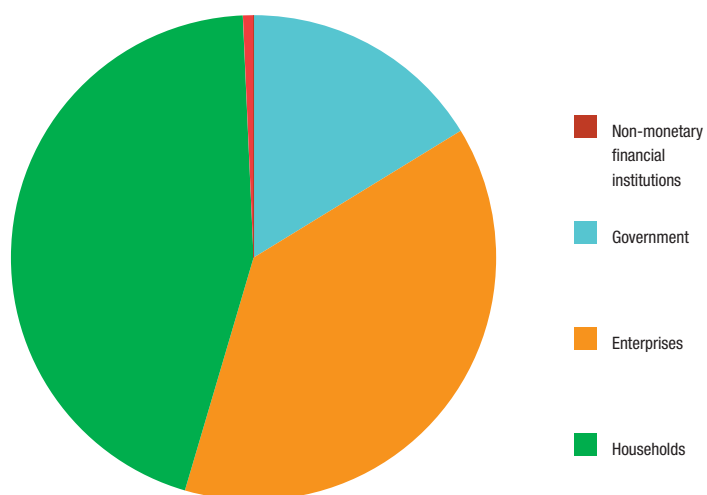
**Table D12 Restricted and blocked deposits with banks** • The table shows households' restricted (kuna and foreign currency) deposits and blocked deposits.

Blocked foreign currency deposits include households'

foreign currency deposits, regulated by the Act on Converting Households' Foreign Currency Deposits into the Public Debt of the Republic of Croatia.

Figure D1

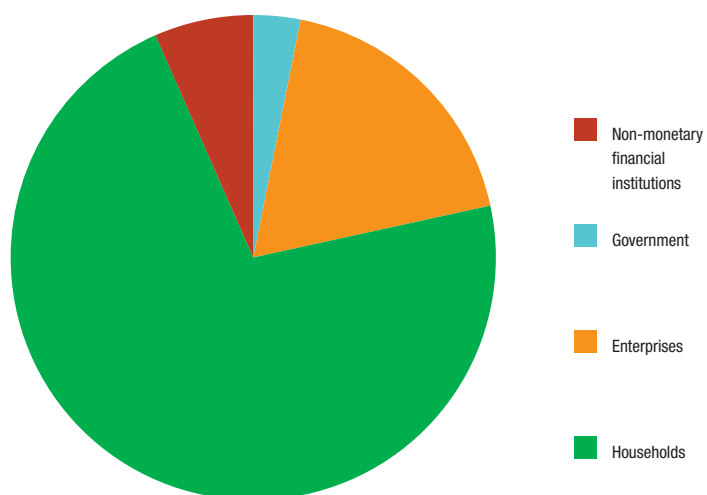
### Distribution of banks' loans by domestic institutional sectors



November 2012

Figure D2

### Distribution of banks' deposits by domestic institutional sectors



November 2012

Note:

Sector "Non-monetary financial institutions" includes other banking institutions and non-banking financial institutions.  
 Sector "Government" includes the central government and funds and local government.



## E Housing savings banks

Table E1 Housing savings banks' accounts  
end of period, in million HRK

	2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
<b>ASSETS</b>										
1 Reserves with the CNB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Claims on central government and funds	4,036.5	3,395.5	3,137.9	3,315.9	3,367.6	3,420.3	2,966.2	2,927.1	2,920.5	2,936.1
3 Claims on other domestic sectors	2,220.4	2,857.9	2,979.1	2,987.3	3,387.0	3,357.8	3,382.7	3,374.9	3,402.9	3,415.2
o/w: Claims on households	2,220.4	2,857.9	2,979.1	2,987.3	3,387.0	3,357.8	3,382.7	3,374.9	3,402.9	3,415.2
4 Claims on banks	133.6	533.7	294.8	258.5	760.6	462.3	752.1	628.0	669.6	652.9
5 Claims on other banking institutions	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2+3+4+5)</b>	<b>6,390.5</b>	<b>6,787.1</b>	<b>6,411.7</b>	<b>6,561.8</b>	<b>7,515.2</b>	<b>7,240.5</b>	<b>7,101.1</b>	<b>6,930.1</b>	<b>6,993.0</b>	<b>7,004.3</b>
<b>LIABILITIES</b>										
1 Time deposits	6,037.9	6,297.6	5,711.8	5,791.5	6,115.0	6,078.4	6,065.9	6,048.1	6,107.9	6,099.2
2 Bonds and money market instruments	40.1	91.5	230.8	279.7	650.9	367.1	191.6	196.5	192.1	207.5
3 Capital accounts	303.0	390.6	478.1	512.1	544.0	568.3	590.8	623.6	634.9	639.5
4 Other items (net)	9.6	7.4	–8.9	–21.5	205.2	226.7	252.7	61.9	58.1	58.0
<b>Total (1+2+3+4)</b>	<b>6,390.5</b>	<b>6,787.1</b>	<b>6,411.7</b>	<b>6,561.8</b>	<b>7,515.2</b>	<b>7,240.5</b>	<b>7,101.1</b>	<b>6,930.1</b>	<b>6,993.0</b>	<b>7,004.3</b>

Table E1 Housing savings banks' accounts • Housing savings banks' accounts include data on claims and liabilities of the Croatian housing savings banks. All housing savings banks' claims and liabilities refer exclusively to domestic sectors.

Housing savings banks' required reserves held at the central bank include funds in vaults. Until September 2003, they also included kuna funds held in accounts at the central bank.

Claims on central government and funds are claims in kuna on the Republic of Croatia and central government funds.

Claims on other domestic sectors include kuna loans to local government and households.

Claims on banks include loans to banks, as well as deposits with banks, including, from October 2003 on, accounts for regular operations with banks.

Claims on other banking institutions include investments in investment funds.

Item Time deposits includes local government and households' time deposits.

Bonds and money market instruments are housing savings banks' liabilities for securities issued (net) and loans received.

Capital accounts are share capital, profit or loss for the previous and current year, retained earnings (loss), legal reserves, reserves provided for by the articles of association and other capital reserves, hedging reserves, unrealised gains (losses) from financial assets classified as available-for-sale assets, value adjustments and collectively assessed impairment provisions. Other items (net) are unclassified liabilities decreased by unclassified assets.

## F Monetary policy instruments and liquidity

Table F1 Credit rates of the Croatian National Bank  
in percentage, on annual basis

Year	Month	CNB discount rate	CNB repo rate <sup>a</sup>	Credit rates					
				On Lombard credits <sup>b</sup>	On intervention credits	On intra-day refinance facility <sup>b</sup>	On short-term liquidity credits	On inaccurately calculated statutory reserves <sup>b</sup>	On arrears <sup>c</sup>
1	2	3	4	5	6	7	8	9	10
1998	December	5.90	–	12.00	19.00	7.00	14.00	19.00	18.00
1999	December	7.90	–	13.00	19.00	–	14.00	19.00	18.00
2000	December	5.90	–	12.00	18.00	–	13.00	18.00	18.00
2001	December	5.90	–	10.00	–	–	11.00	15.00	18.00
2002	December	4.50	–	9.50	–	–	10.50	15.00	15.00
2003	December	4.50	–	9.50	–	–	10.50	15.00	15.00
2004	December	4.50	–	9.50	–	–	10.50	15.00	15.00
2005	December	4.50	3.50	7.50 <sup>e</sup>	–	–	8.50 <sup>e</sup>	15.00	15.00
2006	December	4.50	3.50	7.50	–	–	8.50	15.00	15.00
2007	December	9.00 <sup>d</sup>	4.06	7.50	–	–	8.50	15.00	15.00
2008	December	9.00	6.00	9.00	–	–	10.00	15.00	14.00
2009	December	9.00	–	9.00	–	–	10.00	15.00	14.00
2010	December	9.00	–	9.00	–	–	10.00	15.00	14.00
2011	December	7.00	–	6.25	–	–	7.25	15.00	12.00
2012	January	7.00	–	6.25	–	–	7.25	15.00	12.00
	February	7.00	–	6.25	–	–	7.25	15.00	12.00
	March	7.00	–	6.25	–	–	7.25	15.00	12.00
	April	7.00	–	6.25	–	–	7.25	15.00	12.00
	May	7.00	–	6.25	–	–	7.25	15.00	12.00
	June	7.00	–	6.25	–	–	7.25	14.50 <sup>f</sup>	12.00
	July	7.00	–	6.25	–	–	7.25	14.50	12.00
	August	7.00	–	6.25	–	–	7.25	14.50	12.00
	September	7.00	–	6.25	–	–	7.25	14.50	12.00
	October	7.00	–	6.25	–	–	7.25	14.50	12.00
	November	7.00	–	6.25	–	–	7.25	14.50	12.00

<sup>a</sup> Weighted averages of weighted repo rates achieved at regular reverse repo auctions of the CNB in the reporting month. <sup>b</sup> Breaks in the series of data are explained in notes on methodology. <sup>c</sup> Since 14 December 2005. <sup>d</sup> Since 31 December 2007. <sup>e</sup> Since 28 November 2011. <sup>f</sup> Since 20 June 2012.

**Table F1 Credit rates of the Croatian National Bank** • The table shows interest rates used by the CNB to calculate and charge interest on credits from the primary issue and on all other claims.

Credit rates of the CNB are set by decisions of the Council of the Croatian National Bank, on a yearly basis. Exceptionally, from June 1995 interest rate charged by the CNB on Lombard credits was 1.5 percentage points higher than the weighted average interest rate on CNB bills on a voluntary basis (which serve as collateral for Lombard credits) in cases when the weighted average interest rate was higher than 16.5%. Congruently, from June 1995 to August 1996 the table reports the weighted average interest rate on Lombard credits.

Time series presented in the table contain certain breaks, due to changes in the CNB's monetary policy instruments.

Data shown in column 4 refer to the weighted averages of the weighted repo rates achieved at regular reverse repo auctions of the CNB in the reporting month.

Data shown in column 7 refer, until September 1994, to interest rates on special credits for savings deposits' payments

and for payments from households' current accounts, and from October 1994 until September 1997 to interest rates on daily credits for savings deposits and households' current accounts in kuna. Daily credits, as opposed to special credits, are paid back on the same day. In October 1997, this instrument was replaced by daily credits for overcoming short-term liquidity problems that are collateralised by CNB bills. From December 1998 to April 1999, this credit is incorporated in Lombard credit, applying different interest rate for its usage within one day.

Data shown in column 8 refer, until December 1994, to interest rate on initial credits, and since 18 March 1998, to credits for overcoming liquidity problems of banks under evaluation for entry into rehabilitation and restructuring procedures and since February 1999, to interest rates on short-term liquidity credits. From December 1999 on, data show interest rates on short-term liquidity credit with a maturity over 3 months which is 1 percentage point higher than interest rate on Lombard credits. Interest rate on short-term liquidity credit up to 3 months is 0.5 percentage point higher than interest rate on Lombard credits.

Table F2 Deposit rates of the Croatian National Bank

in percentage, on annual basis

Year	Month	Interest rates on statutory reserves dep. with the CNB	Interest rates on CNB bills on an obligatory basis	Interest rates on CNB bills on a voluntary basis <sup>a</sup>				Interest rates on f/c CNB bills on a voluntary basis					Interest rates on overnight deposits
				Due in 7 days	Due in 35 days	Due in 70 days	Due in 105 days	Due in 35 days	Due in 63 days	Due in 91 days	Due in 182 days	Due in 364 days	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1998	December	5.90	–	–	9.50	10.50	11.00	–	4.60	3.12	3.08	–	–
1999	December	5.90	–	–	10.50	11.55	12.50	–	4.83	3.56	–	–	–
2000	December	4.50	–	–	6.65	7.00	7.70	–	5.51	4.83	–	–	–
2001	December	2.00	–	–	3.36	4.26	4.85	–	2.62	3.06	–	–	–
2002	December	1.75	–	–	2.08	–	–	2.30	2.68	–	–	–	–
2003	December	1.25	0.50	–	–	–	–	1.75	1.48	–	–	–	–
2004	December	1.25	–	–	–	–	–	–	–	–	–	–	–
2005	December	0.75	–	–	–	–	–	–	–	–	–	–	0.50
2006	December	0.75	–	–	–	–	–	–	–	–	–	–	0.50
2007	December	0.75	0.75	–	–	–	–	–	–	–	–	–	0.50
2008	December	0.75	0.25	–	–	–	–	–	–	–	–	–	0.50
2009	December	0.75	0.25	–	–	–	–	–	–	–	–	–	0.50
2010	December	0.75	–	–	–	–	–	–	–	–	–	–	0.50
2011	December	–	–	–	–	–	–	–	–	–	–	–	0.25
2012	January	–	–	–	–	–	–	–	–	–	–	–	0.25
	February	–	–	–	–	–	–	–	–	–	–	–	0.25
	March	–	–	–	–	–	–	–	–	–	–	–	0.25
	April	–	–	–	–	–	–	–	–	–	–	–	0.25
	May	–	–	–	–	–	–	–	–	–	–	–	0.25
	June	–	–	–	–	–	–	–	–	–	–	–	0.25
	July	–	–	–	–	–	–	–	–	–	–	–	0.25
	August	–	–	–	–	–	–	–	–	–	–	–	0.25
	September	–	–	–	–	–	–	–	–	–	–	–	0.25
	October	–	–	–	–	–	–	–	–	–	–	–	0.25
	November	–	–	–	–	–	–	–	–	–	–	–	0.25

<sup>a</sup> Breaks in the series of data are explained in notes on methodology.

**Table F2 Deposit rates of the Croatian National Bank** • The table shows interest rates used by the CNB to calculate and pay interest on funds deposited with the CNB and on issued securities.

Interest rates paid by the CNB for appropriated statutory reserve funds are set by a decision of the Council of the Croatian National Bank. Until April 2005, the appropriated statutory reserve funds included the calculated statutory reserve funds that were deposited in a special statutory reserve account with the CNB, or maintained (in average) in banks' settlement accounts, or deposited in a special account with the CNB for the settlement of net positions in the National Clearing System (NCS). From April 2005, they include the calculated statutory reserve funds allocated to a special statutory reserve account with the CNB. From March 2011 on, the CNB pays no remuneration on the reserve requirement funds (column 3).

Interest rates on CNB bills on an obligatory basis are set by a decision of the Council of the Croatian National Bank.

Interest rates on CNB bills on a voluntary basis are set at CNB bills' auction sales. Congruently, columns 5, 6 and 7 report the weighted average interest rates attained at auctions of CNB bills. From November 1994 through January 2001, columns 7 and 8 report interest rates on CNB bills on a voluntary basis due in 91 and 182 days respectively.

From April 1998 on, columns 9 through 13 report the weighted average interest rates on CNB bills on a voluntary basis in EUR and USD (until December 1998, in DEM and USD)

attained at CNB bills' auctions as a weighted average of subscribed amounts in those two currencies.

Column 14 reports the interest rate on overnight deposits with the CNB.

**Table F3 Banks' reserve requirements** • This table shows data on monthly averages of day-to-day balances of banks' kuna and foreign currency reserve requirements with the CNB. Savings banks are included beginning in July 1999.

Column 3 shows the weighted average reserve requirement ratio as a percentage of the kuna and foreign currency reserve requirements (column 4) in the reserve base.

Reserve requirement (column 4) represents the prescribed amount of funds banks are required to deposit in a special statutory reserve account with the CNB, or to maintain (in average) in their settlement accounts and in vaults, or in accounts of liquid foreign currency claims (which include foreign cash and checks in foreign currency, liquid foreign currency claims maintained in the accounts with the high-grade foreign banks and foreign currency CNB bills).

Column 5 shows the amount of kuna reserve requirements. Between January 1995 and December 2000, this amount corresponded with the statutory reserve requirement instrument, while until December 1994 it comprised two instruments: statutory reserves and liquid assets requirement – LAR (except for the part in which banks were conforming to this requirement by registering CNB bills on a voluntary basis). In December 2000,

Table F3 Banks' reserve requirements

daily averages and percentages, in million HRK and %

Year	Month	Weighted average res. requirement in % on res. base	Reserve requirement (RR)			Other obligatory deposits with the CNB	Statutory reserves deposited with the CNB		Weighted avg. remuneration rate on immobilised funds in kuna	Weighted avg. remuneration rate on allocated funds in f/c
			Total	In kuna	In f/c		In kuna	In f/c		
1	2	3	4=5+6	5	6	7	8	9	10	11
1998	December	29.57	13,112.7	3,967.2	9,145.4	57.4	3,469.8	1,467.6	5.28	....
1999	December	30.50	13,579.0	4,210.1	9,368.9	37.3	3,695.1	4,606.5	5.62	....
2000	December	23.22	16,245.8	4,646.8	11,599.0	5.0	4,191.6	5,544.6	4.05	....
2001	December	19.67	21,187.1	8,691.5	12,495.5	–	6,287.8	5,950.0	1.97	2.73
2002	December	19.00	25,985.1	11,447.1	14,538.0	–	8,156.7	7,139.9	1.72	2.16
2003	December	19.00	31,009.4	18,023.8	12,985.6	109.4	12,459.8	6,850.2	1.17	1.47
2004	December	18.00	33,615.7	20,040.9	13,574.8	430.1	14,664.1	10,171.3	1.22	1.36
2005	December	18.00	37,424.5	24,997.9	12,426.6	3,940.2	17,497.7	9,271.4	0.52	0.92
2006	December	17.00	40,736.4	28,966.1	11,770.4	7,332.5	20,257.0	8,780.9	0.52	1.06
2007	December	17.00	44,465.9	31,809.1	12,656.8	6,641.1	22,266.4	9,203.5	0.53	1.29
2008	December	14.87	41,474.4	29,179.7	12,294.7	461.9	20,425.8	8,807.0	0.52	0.81
2009	December	14.00	40,423.5	33,693.7	6,729.8	30.9	23,585.6	4,898.0	0.52	–
2010	December	13.00	38,990.6	32,374.8	6,615.8	–	22,662.4	4,736.7	0.52	–
2011	December	14.00	44,443.2	36,936.6	7,506.7	–	25,654.6	5,437.9	–	–
2012	January	14.68	46,753.8	38,844.2	7,909.6	–	27,522.0	5,857.4	–	–
	February	15.00	47,881.9	39,758.3	8,123.6	–	27,814.7	5,968.2	–	–
	March	15.00	47,927.4	39,761.5	8,165.9	–	27,637.8	5,973.4	–	–
	April	15.00	47,755.8	39,611.9	8,143.9	–	27,584.6	5,957.1	–	–
	May	13.89	43,907.0	36,445.9	7,461.1	–	25,420.1	5,462.9	–	–
	June	13.50	42,651.5	35,413.9	7,237.6	–	24,737.7	5,307.3	–	–
	July	13.50	42,815.5	35,563.0	7,252.5	–	24,874.6	5,315.9	–	–
	August	13.50	42,602.1	35,437.9	7,164.2	–	24,803.4	5,216.8	–	–
	September	13.50	42,677.0	35,504.3	7,172.7	–	24,853.0	5,196.9	–	–
	October	13.50	42,648.7	35,477.6	7,171.0	–	24,834.3	5,171.0	–	–
	November	13.50	42,439.9	35,280.1	7,159.8	–	24,696.1	5,144.6	–	–

reserve requirements in kuna and in foreign currency were unified, i.e. reserve requirements rate, periods for calculating, allocating and maintaining reserve requirements were unified, as well as a minimum percentage of the total reserve requirements deposited with the Croatian National Bank. From September 2001 on, column 5 includes also the f/c component of reserve requirements that is set aside/maintained in kuna.

Column 6 shows the amount of foreign currency reserve requirements, i.e. the prescribed amount of funds banks are required to deposit in the CNB's foreign currency accounts, or to maintain (in average) in accounts of liquid claims. Until November 2000, the calculation base consisted of the average daily balances of household foreign currency savings deposits with a remaining maturity of up to 3 months, while starting from December 2000 the base consists of foreign currency sources of funds, including: ordinary foreign currency accounts, special foreign currency accounts, foreign currency accounts and foreign currency sight deposits, received foreign currency deposits and received foreign currency loans, as well as obligations arising from securities issued in foreign currency (excluding banks' equity securities). From November 2001 on, the base includes also hybrid and subordinated instruments.

Column 7 shows the total amount of other obligatory deposits with the CNB, including CNB bills on an obligatory basis, those CNB bills on a voluntary basis used by banks to maintain the prescribed minimal liquidity (LAR), special statutory

reserves until July 1995, special reserve requirement on liabilities arising from issued securities from March 2006 to February 2009, statutory reserves on f/c deposits, f/c credits from foreign banks and guarantees for such credits and marginal reserve requirement (from August 2004 to October 2008).

Column 8 shows the portion of the kuna reserve requirement which banks deposit in a statutory reserve account with the CNB (until December 1994, this amount corresponded with the statutory reserve instrument, while since January 1995 a minimum percentage of the total reserve requirement banks are required to deposit in a special statutory reserve account with the CNB has been prescribed). In April 2005, this percentage was set at 70%.

Column 9 shows the portion of the foreign currency reserve requirement which banks deposit in the CNB's foreign currency accounts. The percentage for allocating the foreign currency component of reserve requirements calculated on the basis of foreign currency funds of non-residents and foreign currency funds received from legal persons in a special relationship with a bank amounts to 100%, while the percentage for allocating the remaining portion of the foreign currency component of reserve requirements amounts to 60%.

Column 10 shows the weighted average remuneration rate on all forms of immobilised kuna funds which include reserve requirements and other obligatory deposits with the CNB. From March 2011 on, the CNB pays no remuneration on the reserve requirement funds.

Table F4 Banks' liquidity indicators

daily averages and percentages, in million HRK and %

Year	Month	Free reserves		Primary liquidity ratio	Secondary liquidity sources	Kuna CNB bills	F/c CNB bills	Kuna MoF treasury bills
		In kuna	In f/c					
1	2	3	4	5	6	7	8	9
1998	December	221.9	....	1.65	445.5	850.4	1,377.4	141.3
1999	December	179.6	....	1.30	1,183.6	1,311.1	1,507.6	373.9
2000	December	638.8	10,721.4	3.32	80.1	2,485.3	1,692.7	2,006.5
2001	December	794.4	17,247.4	3.23	2.6	2,656.2	2,630.8	3,360.9
2002	December	1,225.0	10,398.0	3.53	0.6	4,965.5	1,273.9	4,279.5
2003	December	451.6	20,561.4	0.98	501.6	–	4,316.0	3,073.2
2004	December	1,495.5	26,126.1	2.64	0.0	–	–	4,581.7
2005	December	672.5	20,493.4	0.96	0.2	–	–	4,163.3
2006	December	840.8	20,239.1	0.83	–	–	–	5,993.7
2007	December	1,161.5	30,412.6	1.03	330.4	–	–	4,449.4
2008	December	1,168.7	28,101.4	1.03	289.1	–	–	6,171.2
2009	December	880.0	24,885.6	0.91	–	–	–	4,776.6
2010	December	407.1	30,511.9	0.42	–	–	–	5,705.9
2011	December	333.0	15,693.8	0.32	97.3	–	–	8,157.7
2012	January	291.7	12,783.1	0.28	52.6	–	–	8,262.2
	February	102.7	9,103.8	0.10	58.3	–	–	7,888.2
	March	439.4	7,692.1	0.43	47.8	–	–	7,360.3
	April	287.6	7,809.4	0.28	22.7	–	–	7,834.5
	May	360.6	8,573.5	0.36	–	–	–	7,792.2
	June	414.2	7,736.4	0.41	–	–	–	8,207.9
	July	334.0	6,392.5	0.33	–	–	–	8,757.5
	August	363.6	7,834.5	0.35	–	–	–	8,534.1
	September	525.3	8,169.8	0.51	–	–	–	7,574.7
	October	576.6	6,816.0	0.56	–	–	–	7,423.8
	November	652.7	5,388.1	0.64	–	–	–	7,545.4

Column 11 shows the weighted average remuneration rate on allocated funds in foreign currency, including the marginal reserve requirement funds (from August 2004 to October 2008). From November 2009 on, the CNB does not pay remuneration on the allocated foreign currency component of reserve requirements.

**Table F4 Banks' liquidity indicators** • The table reports monthly averages of day-to-day balances of some indicators of banks' liquidity. Savings banks are included beginning in July 1999.

Column 3 shows free reserves in kuna, defined as a difference between the average balance in the settlement account and the average balance in the vault (until October 2008). From November 2008 on, they are defined as a difference between the average balance in the settlement account in the kuna reserve requirement maintenance period and the minimal average settlement account balance prescribed by the kuna reserve requirement calculation methodology.

Column 4 shows free reserves in foreign currency, defined as funds for the maintenance of foreign currency reserve requirements (foreign cash and checks in foreign currency, liquid foreign currency claims maintained in the accounts with the high-grade foreign banks and foreign currency CNB bills) decreased

by the minimal required balance of these funds in the same period.

Column 5 shows the primary liquidity ratio as a percentage of monthly day-to-day kuna free reserves averages (column 3) in monthly day-to-day averages of deposits which constitute the reserve base.

Column 6 shows the monthly average of day-to-day balances of secondary liquidity sources used. Secondary liquidity sources comprise: Lombard credits (since December 1994), short-term liquidity credits (since February 1999) and overdue liabilities to the CNB.

Column 7 reports the monthly average of day-to-day balances of kuna CNB bills on a voluntary basis (until December 1994, this amount is decreased by the portion of voluntarily registered CNB bills used by banks to maintain the prescribed minimal liquidity).

Column 8 reports the monthly average of day-to-day balances of foreign currency CNB bills on a voluntary basis (in EUR and USD).

Column 9 reports the monthly average of day-to-day balances of kuna MoF treasury bills. Until September 2002, it shows the discounted value of treasury bills, while starting from October 2002, it shows their nominal value.

## G Financial markets

**Table G1 Banks' interest rates on kuna credits not indexed to foreign currency**  
weighted averages of monthly interest rates, in % on annual basis

Year	Month	Interest rates on interbank demand deposit trading		Interest rates on kuna credits not indexed to foreign currency								
		On overnight credits	On other credits	Total average	On short-term credits					On long-term credits		
					Total average	Enterprises	Households			Total average	Enterprises	Households
1	2	3	4	5	6	7	Total average	Credit lines	Other	11	12	13
1998	December	10.00	15.91	16.06	16.22	14.89	20.77	20.80	19.92	11.73	11.48	13.16
1999	December	9.92	12.78	13.54	13.52	10.55	20.83	20.84	20.39	15.14	15.31	14.16
2000	December	2.39	4.45	10.45	10.45	6.81	20.30	20.33	19.05	9.90	9.64	12.97
2001	December	2.49	2.18	9.51	9.49	5.43	18.81	18.85	14.88	11.42	10.06	13.14
2002	December	1.03	1.59	10.91	11.24	7.44	15.16	15.28	9.84	7.32	6.48	7.88
2003	December	6.54	6.36	11.45	11.80	8.02	14.89	15.01	12.38	8.51	6.14	10.69
2004	December	4.87	4.74	11.44	11.71	8.33	14.19	14.27	12.29	9.31	6.90	11.16
2005	December	3.08	3.91	9.91	9.99	7.71	11.26	13.18	5.35	8.75	6.48	10.35
2006	December	3.14	2.52	9.07	9.37	6.75	11.84	13.21	4.67	7.53	5.86	9.44
2007	December	6.23	7.33	9.32	9.74	7.39	12.34	13.19	4.95	7.50	6.66	8.01
2008	December	5.77	6.77	10.71	10.89	8.98	12.33	12.97	4.96	9.05	8.10	10.35
2009	December	1.20	1.50	11.12	11.22	9.29	12.68	13.24	4.89	9.77	8.27	11.33
2010	December	1.28	1.70	9.90	10.05	6.98	12.64	13.17	4.66	8.38	6.45	11.29
2011	December	0.61	1.73	9.36	9.49	7.48	11.18	11.58	4.21	8.15	6.76	9.21
2012	January	1.14	2.14	9.67	9.73	7.72	11.08	11.43	3.83	8.70	6.61	9.80
	February	2.94	3.03	9.88	10.00	8.18	11.22	11.58	4.12	8.46	6.76	9.78
	March	0.86	1.78	9.65	9.73	7.80	11.18	11.57	4.29	8.56	6.98	10.01
	April	0.57	1.06	9.40	9.49	7.13	11.19	11.55	4.04	8.14	5.87	10.19
	May	0.44	0.74	9.48	9.60	7.07	11.17	11.54	4.08	8.03	5.91	10.10
	June	0.47	1.58	9.32	9.44	7.17	11.17	11.53	4.12	7.63	5.01	9.95
	July	1.10	1.49	9.23	9.35	6.92	11.15	11.52	3.94	7.95	5.98	9.84
	August	1.76	2.32	9.57	9.80	7.10	11.18	11.53	3.96	7.71	6.08	9.81
	September	2.24	2.42	9.58	9.76	7.28	11.18	11.53	3.85	7.93	5.82	9.71
	October	0.61	0.87	9.18	9.32	6.65	11.16	11.53	3.88	7.91	5.72	9.45
	November	0.45	0.45	9.55	9.69	7.13	11.18	11.53	3.99	8.21	5.14	9.69
Relative significance <sup>a</sup>		–	–	75.40	68.44	25.18	43.26	41.25	2.01	6.96	2.27	4.69

<sup>a</sup> Relative significance is calculated as a percentage of corresponding credit category in total credits disbursed in the reporting month (according to data for the last period included in the table).

Note: A break in the time series occurred due to changes in the methodology used in interest rate statistics as of 1 January 2001. This especially refers to interest rates shown in columns 5, 6 and 7. Interbank credits, which bear relatively low interest rates, were, among others, excluded from short-term credits to enterprises. The increase in interest rates was also caused by the weighting method: all categories are weighted by the amounts of newly-granted credits, except credit lines whose relative share grew in the new coverage, which are weighted by book balances.

**Table G1 Banks' interest rates on kuna credits not indexed to foreign currency** • The table contains the weighted averages of banks' monthly interest rates on kuna credits not indexed to f/c, reported on a yearly basis.

Up to December 2001, data refer to the weighted averages of banks' monthly interest rates on kuna credits not indexed to f/c granted to legal persons (which included enterprises, the public sector, financial institutions, non-profit institutions and non-residents) and households, reported on a yearly basis. Savings banks are not covered.

From January 2002 on, data refer to the weighted averages of banks' monthly interest rates on kuna credits not indexed to f/c granted only to enterprises (public and other) and households, reported on a yearly basis.

Up to February 1996, columns 3 and 4 show interest rates

on the interbank money market, according to information published by the Zagreb Money Market (ZMM). From March 1996 to August 2002, interest rates on the money market were calculated as the weighted monthly averages of the weighted daily interest rates and shown separately for trading in overnight credits and trading in other credits on the ZMM. In the period between May 1998 and January 2001, the repayment of credits granted on the interbank overnight market was guaranteed by banks' required reserves with the CNB.

As from Bulletin No. 157 columns 3 and 4 contain the revised data for the period from September 2002 onward. From September 2002 on, interest rates on overnight credits and other credits are calculated as the weighted monthly averages of the weighted daily interest rates on interbank demand deposit trading.



**Table G2 Banks' interest rates on kuna credits indexed to foreign currency and on credits in euros**  
weighted averages of monthly interest rates, in % on annual basis

Year	Month	Interest rates on kuna credits indexed to foreign currency									Interest rates on credits in euros		
		Total average	On short-term credits			On long-term credits					Total average	On short-term credits	On long-term credits
			Total average	Enter-prises	House-holds	Total average	Enterprises	Households					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1998	December	13.04	14.28	14.25	13.64	11.15	10.55	12.12	....	....	6.95	8.37	5.71
1999	December	12.53	13.66	13.54	17.21	10.81	10.46	11.65	....	....	6.75	7.43	6.07
2000	December	10.74	11.17	11.10	13.59	10.52	9.41	11.64	....	....	7.70	7.49	8.05
2001	December	9.29	9.45	9.45	11.30	9.20	7.52	10.79	....	....	5.94	5.70	7.27
2002	December	8.25	9.34	8.72	11.37	7.98	6.37	9.50	7.42	10.11	5.91	6.66	5.44
2003	December	7.07	7.21	7.00	8.66	7.03	5.76	8.04	6.02	9.70	5.62	6.22	5.18
2004	December	6.89	7.25	7.09	8.47	6.77	5.55	7.73	5.71	8.79	5.34	5.92	4.83
2005	December	6.18	6.52	6.34	7.91	6.07	5.18	6.98	4.95	8.10	5.29	5.28	5.30
2006	December	6.30	6.56	6.29	8.33	6.22	6.21	6.22	4.75	7.57	5.65	6.19	5.34
2007	December	6.73	6.86	6.86	6.84	6.66	6.51	6.80	5.12	8.24	6.79	6.59	7.10
2008	December	7.73	8.20	8.18	8.65	7.43	6.92	7.89	6.08	9.02	7.08	7.17	6.83
2009	December	8.28	8.48	8.41	10.23	8.11	7.31	9.02	6.45	9.96	6.98	7.35	6.49
2010	December	7.78	7.95	7.91	8.86	7.67	7.19	8.16	6.02	8.94	6.38	7.12	6.06
2011	December	7.15	7.60	7.56	8.49	6.82	6.37	7.53	5.26	8.48	6.49	6.27	6.87
2012	January	7.16	7.31	7.29	7.56	7.06	6.45	7.59	5.26	8.44	5.60	5.68	5.42
	February	7.14	7.17	7.15	7.69	7.13	6.54	7.64	5.37	8.55	5.85	6.37	5.10
	March	7.20	7.46	7.44	7.98	7.06	6.06	7.96	5.38	8.70	6.27	6.42	6.04
	April	6.98	7.12	7.06	7.89	6.92	6.05	7.49	5.08	8.69	4.78	4.55	5.88
	May	7.15	7.06	7.01	7.92	7.20	6.48	7.64	5.22	8.72	5.47	5.34	6.22
	June	7.04	7.32	7.26	8.35	6.92	6.12	7.60	5.25	8.65	5.53	5.05	6.38
	July	7.02	6.90	6.85	7.64	7.09	6.40	7.52	5.34	8.68	6.05	6.19	5.66
	August	7.14	7.08	7.05	7.77	7.17	6.41	7.60	5.33	8.74	5.81	5.75	6.06
	September	7.08	7.27	7.24	7.69	7.00	6.13	7.67	5.33	8.70	6.11	6.08	6.24
	October	6.76	6.44	6.38	7.27	6.95	5.90	7.69	5.43	8.67	5.14	4.92	6.18
	November	7.02	6.91	6.88	7.52	7.08	6.37	7.69	5.37	8.67	5.71	5.57	6.01
Relative significance <sup>a</sup>		20.38	7.99	7.62	0.37	12.39	5.68	6.71	1.99	4.72	4.22	2.90	1.33

<sup>a</sup> Relative significance is calculated as a percentage of corresponding credit category in total credits disbursed in the reporting month (according to data for the last period included in the table).

Columns 5 through 13 show the weighted averages of banks' monthly interest rates classified by maturity and sectors. Interest rates on short-term credits to enterprises also include interest rates on callable loans.

Data on banks' interest rates on kuna credits not indexed to f/c are based on banks' periodic reports. The basis for the calculation of the weighted averages are amounts of credits bearing corresponding interest rates, which were disbursed during the reporting month, with the exception of interest rates on giro and current account credit lines, for which the weighted averages were calculated based on the balance of these loans at the end of the reporting month.

**Table G2 Banks' interest rates on kuna credits indexed to foreign currency and on credits in euros** • The table contains the weighted averages of banks' monthly interest rates on kuna credits indexed to f/c and on credits in euros, reported on a yearly basis.

Up to December 2001, data refer to the weighted averages of banks' monthly interest rates on kuna credits indexed to f/c and on credits in euros (or German marks) granted to legal persons (which included enterprises, the public sector, financial

institutions, non-profit institutions and non-residents) and households, reported on a yearly basis. Savings banks are not covered.

From January 2002 on, data refer to the weighted averages of banks' monthly interest rates on kuna credits indexed to f/c and on credits in euros granted only to enterprises (public and other) and households, reported on a yearly basis.

Data on banks' interest rates on kuna credits indexed to f/c and on credits in euros are based on banks' periodic reports. The basis for the calculation of the weighted averages are amounts of credits bearing corresponding interest rates, which were disbursed during the reporting month.

Columns 3 through 11 show the weighted averages of banks' monthly interest rates classified by maturity and sectors. Interest rates on short-term credits to enterprises also include interest rates on callable loans.

Up to December 2001, interest rates on credits in euros (columns 12, 13 and 14) refer to credits released in German marks in the reporting month, and starting from January 2002, they refer to credits released in euros, while the weighted averages are calculated based on their kuna equivalent using the current exchange rate. Credits released in other currencies are not included in this table.

Table G3 Banks' interest rates on kuna deposits not indexed to foreign currency

weighted averages of monthly interest rates, in % on annual basis

Year	Month	Interest rates on kuna deposits not indexed to foreign currency								
		Total average	In giro and current accounts	On time deposits						
				Total average	On short-term deposits			On long-term deposits		
					Total average	Households	Enterprises	Total average	Households	Enterprises
1	2	3	4	5	6	7	8	9	10	11
1998	December	4.11	2.31	7.73	7.63	9.47	7.15	10.19	10.72	9.56
1999	December	4.27	2.24	8.87	8.79	9.62	8.38	10.96	11.56	10.18
2000	December	3.40	1.64	7.20	7.13	7.44	7.03	8.89	9.19	8.63
2001	December	2.76	1.40	5.68	5.60	6.35	5.38	7.35	7.93	6.70
2002	December	1.55	0.94	3.64	3.53	4.39	2.86	6.05	7.24	3.23
2003	December	1.66	0.75	4.46	4.46	3.62	4.69	4.58	4.90	2.82
2004	December	1.83	0.74	4.11	4.11	3.93	4.13	4.10	4.65	3.30
2005	December	1.58	0.61	3.36	3.34	3.89	3.23	4.12	5.04	3.49
2006	December	1.91	0.56	2.98	2.94	4.10	2.69	4.32	4.98	3.11
2007	December	2.67	0.49	5.42	5.34	4.47	5.48	6.28	5.45	6.45
2008	December	2.92	0.43	5.65	5.60	5.34	5.64	6.58	5.88	6.85
2009	December	2.22	0.43	2.52	2.49	4.89	2.04	2.76	6.12	2.07
2010	December	1.61	0.34	1.93	1.85	3.66	1.41	4.26	4.76	3.03
2011	December	1.88	0.36	2.46	2.33	3.55	1.88	2.98	4.58	2.78
2012	January	2.03	0.36	3.10	2.57	3.57	2.14	4.89	4.42	4.95
	February	2.07	0.33	3.23	3.15	3.48	3.07	3.62	4.63	3.48
	March	1.98	0.33	2.56	2.69	3.45	2.33	2.13	4.64	1.75
	April	1.86	0.33	2.09	2.30	3.38	1.84	1.39	4.53	0.98
	May	1.83	0.34	1.80	1.93	3.42	1.47	1.28	4.41	0.97
	June	1.80	0.34	1.85	1.97	3.43	1.45	1.35	4.58	0.98
	July	1.85	0.35	2.12	1.95	3.48	1.42	2.70	4.71	2.43
	August	1.92	0.33	2.31	2.10	3.51	1.79	3.25	4.75	3.05
	September	1.87	0.34	2.27	2.31	3.55	1.93	2.13	4.77	1.68
	October	1.83	0.35	1.74	1.83	3.52	1.22	1.48	4.55	1.10
	November	1.80	0.34	2.17	2.07	3.43	1.43	4.04	4.32	2.89
	Relative significance <sup>a</sup>	50.51	38.03	9.61	9.14	2.94	6.20	0.47	0.38	0.09

<sup>a</sup> Relative significance is calculated as a percentage of corresponding deposit category in total deposits received in the reporting month (according to data for the last period included in the table).

**Table G3 Banks' interest rates on kuna deposits not indexed to foreign currency** • The table contains the weighted averages of banks' monthly interest rates on kuna deposits not indexed to f/c, reported on a yearly basis.

Up to December 2001, data refer to the weighted averages of banks' monthly interest rates on kuna deposits not indexed to f/c received from legal persons (which included enterprises, the public sector, financial institutions, non-profit institutions and non-residents) and households, reported on a yearly basis. Savings banks are not covered.

From January 2002 on, data refer to the weighted averages of banks' monthly interest rates on kuna deposits not indexed to f/c received from enterprises (public and other) and households, reported on a yearly basis.

Data on banks' interest rates on kuna deposits not indexed to f/c are based on banks' periodic reports.

Column 3 reports the weighted averages of monthly interest rates on total kuna deposits (giro and current accounts, household savings deposits and time deposits) not indexed to f/c.

Column 4 shows the weighted averages of monthly interest rates on deposits in giro and current accounts not indexed to f/c received from enterprises (until December 2001, all legal persons) and households, and column 5 shows the weighted averages of monthly interest rates on total time deposits not indexed to f/c.

The basis for the calculation of the weighted averages for kuna time deposits not indexed to f/c are the amounts of those deposits received during the reporting month. The basis for the calculation of the weighted averages for deposits in giro and current accounts are the end-of-month book balances of those deposits. The averages of interest rates on total kuna deposits not indexed to f/c (column 3) are weighted by the end-of-month balances of all categories included in the calculation.

Kuna and foreign currency deposits used as collateral for credit are included, while restricted deposits (deposits used for payment of imports and other restricted deposits) are not included into the calculation of the weighted averages.

**Table G4a Banks' interest rates on kuna deposits indexed to foreign currency and on foreign currency deposits**  
weighted averages of monthly interest rates, in % on annual basis

Year	Month	Interest rates on savings and time deposits indexed to f/c			Interest rates on foreign currency deposits					
					Total average	Savings deposits				
		Total average	On short-term deposits	On long-term deposits		Total average	Households		Enterprises	
							EUR	USD	EUR	USD
1	2	3	4	5	6	7	8	9	10	11
1998	December	7.47	7.67	5.58	3.98	2.09	2.38	2.40	0.72	0.74
1999	December	6.62	6.91	1.10	4.23	1.80	1.95	2.04	0.78	1.30
2000	December	5.54	5.94	2.16	3.47	1.03	0.99	1.23	0.65	1.29
2001	December	4.58	4.92	2.56	2.60	0.71	0.71	0.81	0.82	0.40
2002	December	2.92	3.45	1.48	2.55	0.50	0.52	0.41	0.52	0.38
2003	December	3.48	3.74	5.55	2.22	0.31	0.35	0.23	0.23	0.15
2004	December	4.17	3.61	5.19	2.65	0.31	0.34	0.22	0.22	0.21
2005	December	3.99	3.63	4.77	2.61	0.27	0.27	0.17	0.27	0.76
2006	December	3.67	3.30	4.07	2.94	0.25	0.23	0.17	0.32	0.44
2007	December	3.98	3.76	4.35	3.44	0.25	0.22	0.15	0.36	0.43
2008	December	4.09	4.05	4.42	3.97	0.21	0.20	0.15	0.26	0.13
2009	December	3.01	3.12	3.31	3.98	0.18	0.22	0.16	0.10	0.07
2010	December	2.91	2.75	3.46	3.09	0.19	0.21	0.14	0.18	0.07
2011	December	2.86	2.75	3.62	2.90	0.19	0.21	0.14	0.13	0.08
2012	January	3.09	3.16	2.78	2.89	0.18	0.22	0.14	0.11	0.06
	February	2.77	3.21	2.71	2.96	0.19	0.22	0.12	0.12	0.07
	March	2.50	2.97	3.76	2.92	0.18	0.22	0.12	0.08	0.05
	April	2.65	3.16	2.76	2.95	0.18	0.22	0.12	0.09	0.04
	May	2.66	2.92	2.77	2.90	0.19	0.21	0.12	0.13	0.04
	June	2.31	3.02	3.17	2.88	0.19	0.21	0.11	0.14	0.04
	July	3.05	3.24	2.99	2.91	0.18	0.21	0.11	0.13	0.06
	August	2.97	3.01	2.92	2.91	0.17	0.21	0.11	0.06	0.04
	September	2.19	2.44	3.28	2.87	0.17	0.21	0.11	0.07	0.05
	October	2.26	2.67	2.52	2.92	0.17	0.22	0.11	0.06	0.06
	November	2.31 <sup>b</sup>	2.67	3.16	2.91	0.17	0.22	0.11	0.06	0.05
Relative significance <sup>a</sup>		0.14	0.12	0.02	49.34	25.18	16.35	2.44	5.61	0.78

<sup>a</sup> Relative significance is calculated as a percentage of corresponding deposit category in total deposits received in the reporting month (according to data for the last period included in the table). <sup>b</sup> Of the total amount of deposits to which this interest rate refers, 48.26% refers to enterprises.

Tables G4a – G4b Banks' interest rates on kuna deposits indexed to foreign currency and on foreign currency deposits • The table contains the weighted averages of banks' monthly interest rates on kuna deposits indexed to f/c and on foreign currency deposits, reported on a yearly basis.

Up to December 2001, data refer to the weighted averages of banks' monthly interest rates on kuna deposits indexed to f/c and on foreign currency deposits received from legal persons (which included enterprises, the public sector, financial institutions, non-profit institutions and non-residents) and households, reported on a yearly basis. Savings banks are not covered.

From January 2002 on, data refer to the weighted averages of banks' monthly interest rates on kuna deposits indexed to f/c and on foreign currency deposits received from enterprises (public and other) and households, reported on a yearly basis.

Data on banks' interest rates on kuna deposits indexed to f/c and on foreign currency deposits are based on banks' periodic reports.

Column 3 reports the weighted averages of monthly interest rates on total kuna savings and time deposits indexed to f/c received from enterprises (until December 2001, all legal persons) and households, whereas the weighted averages of monthly

interest rates on time deposits are shown in column 4 (short-term deposits) and column 5 (long-term deposits) respectively.

Up to December 2001, interest rates on foreign currency deposits refer to deposits received in German marks or US dollars, and starting from January 2002, they refer to deposits received in euros and US dollars, while the weighted averages are calculated based on their kuna equivalent using the current exchange rate. Deposits received in other currencies are not included in this table.

The basis for the calculation of the weighted averages for kuna time deposits indexed to f/c and foreign currency time deposits are the amounts of those deposits received during the reporting month. The basis for the calculation of the weighted averages for savings deposits indexed to f/c are the end-of-month book balances of those deposits. From January 2002 on, the averages of interest rates on total kuna deposits indexed to f/c (column 3) are weighted by the end-of-month balances of all categories included in the calculation.

The average interest rate on total foreign currency deposits (column 6) refers to the weighted average of monthly interest rates on savings and foreign currency time deposits, which are weighted by the end-of-month balances of all categories included in the calculation.

Table G4b Banks' interest rates on kuna deposits indexed to foreign currency and on foreign currency deposits

weighted averages of monthly interest rates, in % on annual basis

Year	Month	Interest rates on foreign currency deposits										
		On time deposits										
		Total average	On short-term deposits				On long-term deposits					
			Total average	Households		Enterprises		Total average	Households		Enterprises	
				EUR	USD	EUR	USD		EUR	USD	EUR	USD
1	2	12	13	14	15	16	17	18	19	20	21	22
1998	December	4.89	4.49	5.42	6.16	2.84	5.37	7.29	7.68	8.59	4.93	6.92
1999	December	5.43	5.17	4.93	6.39	3.97	6.00	6.59	6.64	8.09	3.66	6.77
2000	December	4.57	4.36	3.65	5.15	4.59	6.62	5.56	5.17	6.61	5.97	8.53
2001	December	3.54	3.35	3.42	3.23	3.60	2.44	4.59	4.72	4.42	4.58	0.23
2002	December	3.13	2.96	3.27	2.21	2.89	1.43	4.59	4.69	3.84	3.46	2.30
2003	December	2.64	2.46	2.83	1.65	2.29	1.08	3.69	4.71	3.13	2.85	1.64
2004	December	2.85	2.65	3.01	1.69	2.46	2.28	4.20	4.85	3.13	3.61	2.65
2005	December	3.07	2.94	2.99	1.76	2.63	4.34	3.69	4.25	0.48	4.39	-
2006	December	3.82	3.76	3.16	2.05	4.24	5.84	4.25	4.47	2.26	4.79	4.61
2007	December	4.32	4.25	3.47	2.60	5.10	5.33	4.80	4.83	3.84	5.13	2.19
2008	December	4.15	3.95	4.33	2.69	4.13	1.84	5.51	5.57	3.58	5.52	2.38
2009	December	3.58	3.40	4.33	2.73	2.64	1.77	5.13	5.43	3.86	2.85	0.13
2010	December	2.69	2.15	3.13	2.45	1.63	0.76	5.36	4.28	3.20	6.91	3.80
2011	December	2.76	2.56	2.87	2.45	2.37	0.86	3.84	3.92	3.27	3.54	1.70
2012	January	2.58	2.37	2.84	2.42	2.11	0.69	3.77	3.82	3.45	3.50	1.11
	February	2.54	2.26	2.83	2.34	1.76	0.83	3.88	3.94	3.29	3.33	0.43
	March	2.45	2.22	2.82	2.32	1.79	0.77	3.91	3.93	3.11	4.58	3.50
	April	2.68	2.50	2.82	2.25	2.16	1.32	3.75	3.85	3.22	2.96	3.80
	May	2.71	2.51	2.81	2.28	2.31	0.82	3.79	3.77	2.31	5.16	2.87
	June	2.72	2.55	2.79	2.31	2.55	0.99	3.79	3.79	3.53	4.23	3.80
	July	2.80	2.62	2.90	2.35	2.43	1.33	3.79	3.81	3.43	3.92	3.78
	August	2.68	2.46	2.98	2.35	1.79	1.09	3.86	3.87	3.72	4.41	0.81
	September	2.51	2.29	2.89	2.31	1.40	0.67	3.82	3.86	3.25	4.18	3.20
	October	2.64	2.44	2.95	2.32	1.55	0.86	3.74	3.79	3.23	3.49	0.17
	November	3.19	2.27	2.80	2.26	1.43	0.63	5.28	3.76	3.36	6.93	2.38
Relative significance <sup>a</sup>		24.17	16.80	10.09	0.84	5.41	0.46	7.36	3.48	0.26	3.58	0.04

<sup>a</sup> Relative significance is calculated as a percentage of corresponding deposit category in total deposits received in the reporting month (according to data for the last period included in the table).

The basis for the calculation of the weighted averages of monthly interest rates on total foreign currency savings deposits (column 7) are the end-of-month balances of those deposits.

The basis for the calculation of the weighted averages of monthly interest rates on total foreign currency time deposits

(column 12) are the amounts of those deposits received during the reporting month. The same basis is applied in calculating the weighted averages of monthly interest rates on total short-term foreign currency deposits (column 13) and on total long-term foreign currency deposits (column 18).

Table G5 Banks' trade with foreign exchange

in million EUR, current exchange rate

	2007	2008	2009	2010	2011	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
A Purchase of foreign exchange										
1 Legal persons	26,365.0	33,058.3	19,939.9	21,453.6	20,628.9	1,421.0	1,411.9	2,109.0	1,960.4	1,180.8
2 Natural persons	6,151.3	4,755.3	4,920.3	4,878.0	5,264.9	355.8	418.5	407.2	452.0	365.3
2.1 Residents	3,184.0	4,252.9	4,389.6	4,251.3	4,867.9	347.5	370.9	362.8	436.1	356.4
2.2 Non-residents	326.3	502.4	530.7	626.7	397.0	8.3	47.6	44.4	15.9	9.0
3 Domestic banks	20,141.3	20,017.6	10,964.5	11,171.3	10,406.6	775.5	761.7	1,126.0	962.4	720.4
4 Foreign banks	5,194.1	7,342.5	5,681.9	5,548.6	5,226.3	556.1	381.5	482.6	522.7	365.9
5 Croatian National Bank	0.0	420.6	1,899.4	350.1	596.7	–	–	–	–	–
Total (1+2+3+4)	57,851.7	65,594.2	43,405.9	43,401.6	42,123.5	3,108.4	2,973.6	4,124.8	3,897.4	2,632.4
B Sale of foreign exchange										
1 Legal persons	28,564.1	35,448.8	21,707.2	21,930.5	20,809.2	1,575.8	1,612.5	2,209.4	1,638.9	1,318.7
2 Natural persons	3,712.5	4,366.4	3,205.5	1,815.9	1,760.2	105.7	94.3	120.9	111.7	101.2
2.1 Residents	2,071.3	4,335.2	3,186.0	1,800.5	1,743.3	105.4	93.2	119.3	111.2	100.8
2.2 Non-residents	40.0	31.2	19.5	15.4	16.9	0.2	1.1	1.6	0.5	0.4
3 Domestic banks	20,141.3	20,017.6	10,964.5	11,171.3	10,406.6	775.5	761.7	1,126.0	962.4	720.4
4 Foreign banks	4,072.6	6,615.7	5,281.5	5,455.0	5,730.2	547.7	421.6	523.3	848.8	476.7
5 Croatian National Bank	839.0	409.1	2,224.2	363.7	–	–	–	58.1	–	–
Total (1+2+3+4)	57,329.5	66,857.5	43,382.7	40,736.5	38,706.2	3,004.6	2,890.1	4,037.8	3,561.7	2,617.1
C Net purchase (A-B)										
1 Legal persons	–2,199.1	–2,390.5	–1,767.3	–476.9	–180.3	–154.8	–200.6	–100.4	321.5	–137.9
2 Natural persons	2,438.9	388.9	1,714.8	3,062.1	3,504.7	250.2	324.2	286.3	340.3	264.2
2.1 Residents	1,112.7	–82.2	1,203.6	2,450.8	3,124.6	242.0	277.7	243.5	324.9	255.6
2.2 Non-residents	286.3	471.1	511.2	611.2	380.1	8.1	46.5	42.8	15.4	8.6
3 Foreign banks	1,121.4	726.8	400.4	93.6	–503.9	8.4	–40.1	–40.7	–326.1	–110.9
4 Croatian National Bank	–839.0	11.5	–324.8	–13.6	596.7	–	–	–58.1	–	–
Total (1+2+3)	522.2	–1,263.3	23.2	2,665.2	3,417.2	103.7	83.4	87.1	335.7	15.3
Memo items: Other Croatian National Bank transactions										
Purchase of foreign exchange	5.1	265.4	664.6	238.5	968.2	0.3	85.4	0.1	0.3	0.3
Sale of foreign exchange	176.7	83.7	98.3	233.1	0.0	–	–	–	–	106.1

**Table G5 Banks' trade with foreign exchange** • Data on trade with foreign exchange between banks comprise the spot purchase and sale of foreign exchange in domestic foreign exchange market. Spot transactions are contracted obligations to buy/sell foreign currency within maximally 48 hours.

The transactions are classified by category of participants (legal and natural persons, domestic and foreign banks and the

CNB). Sources of data are banks' reports on trading with foreign exchange, including data on exchange transactions with natural persons conducted by authorised currency exchange offices.

Other Croatian National Bank transactions include foreign exchange sales and purchases on behalf of the Ministry of Finance.

## H International economic relations

Table H1 Balance of payments – summary<sup>a,b</sup>  
in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>c</sup>
<b>A CURRENT ACCOUNT (1+6)</b>	<b>-3,150.6</b>	<b>-4,256.3</b>	<b>-2,279.3</b>	<b>-449.9</b>	<b>-393.9</b>	<b>-1,611.3</b>	<b>-343.7</b>	<b>2,607.2</b>
1 Goods, services, and income (2+5)	-4,193.6	-5,326.7	-3,315.6	-1,537.9	-1,562.6	-1,890.4	-643.7	2,338.7
1.1 Credit	19,614.5	21,237.2	17,114.1	18,608.5	19,743.1	3,319.3	4,934.5	7,839.8
1.2 Debit	-23,808.0	-26,563.9	-20,429.7	-20,146.3	-21,305.7	-5,209.7	-5,578.2	-5,501.1
2 Goods and services (3+4)	-3,103.3	-3,778.8	-1,516.7	28.2	38.6	-1,362.6	-182.4	2,745.4
2.1 Credit	18,271.3	19,843.3	16,314.7	17,713.0	18,779.3	3,093.5	4,659.3	7,569.3
2.2 Debit	-21,374.6	-23,622.0	-17,831.4	-17,684.8	-18,740.8	-4,456.1	-4,841.7	-4,823.8
3 Goods	-9,469.9	-10,632.4	-7,207.0	-5,745.5	-6,147.9	-1,511.9	-1,694.8	-1,541.0
3.1 Credit	9,156.6	9,752.7	7,674.5	9,063.6	9,774.0	2,289.4	2,374.7	2,523.0
3.2 Debit	-18,626.5	-20,385.1	-14,881.5	-14,809.1	-15,921.9	-3,801.2	-4,069.6	-4,064.0
4 Services	6,366.6	6,853.7	5,690.3	5,773.7	6,186.5	149.2	1,512.5	4,286.5
4.1 Credit	9,114.7	10,090.6	8,640.2	8,649.4	9,005.4	804.1	2,284.6	5,046.3
4.2 Debit	-2,748.1	-3,236.9	-2,949.9	-2,875.7	-2,818.9	-654.9	-772.1	-759.8
5 Income	-1,090.2	-1,548.0	-1,798.9	-1,566.1	-1,601.1	-527.7	-461.3	-406.7
5.1 Credit	1,343.2	1,393.9	799.4	895.5	963.8	225.8	275.2	270.5
5.2 Debit	-2,433.5	-2,941.9	-2,598.3	-2,461.5	-2,564.9	-753.5	-736.5	-677.3
6 Current transfers	1,043.0	1,070.5	1,036.3	1,088.0	1,168.6	279.0	300.0	268.5
6.1 Credit	1,576.1	1,684.4	1,607.8	1,684.6	1,691.9	415.9	426.3	419.1
6.2 Debit	-533.1	-613.9	-571.5	-596.6	-523.3	-136.8	-126.3	-150.6
<b>B CAPITAL AND FINANCIAL ACCOUNT</b>	<b>4,437.8</b>	<b>5,734.5</b>	<b>3,468.3</b>	<b>1,358.4</b>	<b>1,433.6</b>	<b>1,267.7</b>	<b>336.5</b>	<b>-1,636.2</b>
B1 Capital account	28.5	14.9	43.1	34.5	-8.4	-3.5	-4.3	-6.6
B2 Financial account, excl. reserves	5,130.9	5,389.2	4,321.7	1,407.7	1,842.6	1,493.9	449.6	-1,813.9
1 Direct investment	3,435.2	3,248.4	1,526.9	410.7	1,048.1	262.6	257.1	149.4
1.1 Abroad	-216.1	-970.2	-888.1	113.2	-27.2	225.3	31.8	-40.7
1.2 In Croatia	3,651.3	4,218.6	2,415.0	297.5	1,075.3	37.4	225.3	190.1
2 Portfolio investment	335.9	-840.6	420.9	477.0	646.3	397.9	810.5	-278.1
2.1 Assets	-421.6	-380.8	-558.1	-368.3	509.1	245.0	-244.9	-255.5
2.2 Liabilities	757.5	-459.8	979.1	845.4	137.2	152.9	1,055.4	-22.6
3 Financial derivatives	0.0	0.0	0.0	-252.7	-59.7	-11.0	36.8	37.5
4 Other investment	1,359.8	2,981.4	2,373.8	772.7	208.0	844.3	-654.9	-1,722.6
4.1 Assets	-1,662.6	-1,620.7	748.5	694.2	360.9	636.1	-129.0	-738.6
4.2 Liabilities	3,022.5	4,602.1	1,625.3	78.5	-152.9	208.2	-525.8	-984.0
B3 Reserve assets	-721.6	330.4	-896.4	-83.8	-400.6	-222.6	-108.8	184.3
<b>C NET ERRORS AND OMISSIONS</b>	<b>-1,287.2</b>	<b>-1,478.2</b>	<b>-1,189.0</b>	<b>-908.5</b>	<b>-1,039.7</b>	<b>343.6</b>	<b>7.2</b>	<b>-971.0</b>

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from January 1999 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Data also include the round tripping which increases direct investment in Croatia and direct investment abroad by the same amount. This type of direct investment was recorded in December 2008 (EUR 825.7m) and August 2009 (EUR 666.5m).

<sup>c</sup> Preliminary data.

Note: The item net errors and omissions also comprises the counter-entry of a part of revenues from travel services which relates to such revenues not stated in the banks' records.

**Tables H1 – H6 Balance of payments** • The balance of payments of the Republic of Croatia represents a systematic overview of the value of economic transactions performed by the Croatian residents with foreign countries within a particular period. It is compiled in accordance with the recommendations of the International Monetary Fund (Balance of Payments Manual, Fifth Edition, 1993). Data sources include: 1) reports of the government institutions (Central Bureau of Statistics and Croatian Institute for Health Insurance), 2) special reports of the Croatian National Bank (International Transaction Reporting System (ITRS)), external debt relations, monetary statistics and reserve

assets) and 3) estimates and statistical research carried out by the Croatian National Bank.

Balance of payments of the Republic of Croatia data are reported in three currencies: in euros (EUR), US dollars (USD) and domestic currency (HRK). In all cases, the same data sources are used and the same principles regarding the scope of transactions and the procedures for compiling particular items are applied. Since the original data are reported in different currencies, the transaction values are converted from the original currency into the reporting currency by applying the exchange rate from the CNB exchange rate list in one of the following manners:

Table H2 Balance of payments – goods and services  
in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>a</sup>
<b>Goods</b>	<b>-9,469.9</b>	<b>-10,632.4</b>	<b>-7,207.0</b>	<b>-5,745.5</b>	<b>-6,147.9</b>	<b>-1,511.9</b>	<b>-1,694.8</b>	<b>-1,541.0</b>
1 Credit	9,156.6	9,752.7	7,674.5	9,063.6	9,774.0	2,289.4	2,374.7	2,523.0
1.1 Exports (f.o.b.) in trade statistics	9,001.6	9,585.1	7,529.4	8,905.2	9,582.2	2,253.8	2,326.9	2,471.3
1.2 Adjustments for coverage	155.0	167.5	145.1	158.3	191.8	35.6	47.8	51.7
2 Debit	-18,626.5	-20,385.1	-14,881.5	-14,809.1	-15,921.9	-3,801.2	-4,069.6	-4,064.0
2.1 Imports (c.i.f.) in trade statistics	-18,826.6	-20,817.1	-15,220.1	-15,137.0	-16,281.1	-3,890.8	-4,152.7	-4,157.4
2.2 Adjustments for coverage	-370.4	-421.4	-331.1	-376.0	-358.7	-82.1	-100.0	-90.0
2.3 Adjustments for classification	570.4	853.5	669.7	703.9	718.0	171.6	183.1	183.3
<b>Services</b>	<b>6,366.6</b>	<b>6,853.7</b>	<b>5,690.3</b>	<b>5,773.7</b>	<b>6,186.5</b>	<b>149.2</b>	<b>1,512.5</b>	<b>4,286.5</b>
1 Transportation	641.3	404.3	287.6	299.3	276.7	44.2	68.2	109.4
1.1 Credit	1,165.4	1,209.4	938.2	973.0	965.5	196.4	240.8	290.1
1.2 Debit	-524.0	-805.1	-650.7	-673.7	-688.8	-152.2	-172.6	-180.6
2 Travel	6,035.2	6,694.0	5,655.8	5,600.8	5,984.5	144.8	1,467.6	4,103.8
2.1 Credit	6,752.6	7,459.4	6,379.7	6,230.0	6,616.9	294.5	1,671.7	4,306.0
2.1.1 Business	389.2	386.4	255.7	236.3	210.1	28.7	85.3	65.8
2.1.2 Personal	6,363.4	7,073.1	6,124.0	5,993.6	6,406.9	265.8	1,586.4	4,240.2
2.2 Debit	-717.3	-765.5	-724.0	-629.2	-632.4	-149.6	-204.1	-202.2
2.2.1 Business	-266.9	-261.3	-240.8	-180.6	-184.3	-42.6	-69.9	-55.6
2.2.2 Personal	-450.4	-504.2	-483.1	-448.6	-448.1	-107.0	-134.1	-146.6
3 Other services	-310.0	-244.6	-253.0	-126.4	-74.8	-39.9	-23.3	73.3
3.1 Credit	1,196.8	1,421.8	1,322.2	1,446.4	1,423.0	313.2	372.1	450.3
3.2 Debit	-1,506.7	-1,666.4	-1,575.2	-1,572.8	-1,497.7	-353.1	-395.4	-377.0

<sup>a</sup> Preliminary data.

- by applying the midpoint exchange rate on the date of the transaction;
- by applying the average monthly or quarterly midpoint exchange rate in the case the transaction date is not available;
- by applying the end-of-period exchange rate for the calculation of a change in the transaction value between the two periods; the end-of-period balances reported in the original currency serve as a basis for calculating the change in the original currency value, which is converted, by applying the average midpoint exchange rate in the observed period, into the value of change in the reporting currency.

The Report of the Central Bureau of Statistics on foreign trade in goods of the Republic of Croatia represents the basic data source for the balance of payments items related to exports and imports. These data are adjusted, in accordance with the recommended compilation method, for coverage and classification. Accordingly, goods exports and imports in the balance of payments are reported at f.o.b. parity. The value of exports at this parity is already contained in the previously mentioned CBS Report, whereas the value of imports f.o.b. is estimated on the basis of research studies of the CNB on the stratified sample of importers. The resulting value serves as a basis for the estimate of the share of transportation and insurance services by which the original value of imports c.i.f., stated in the CBS Report, is reduced. In the 1993-2001 period, this share stood at 7.10% (estimated only on the basis of the largest and large importers), while from 2002 on it has amounted to 3.73%. The same research study, conducted by the CNB at the end of 2006 (comprising the imports in the previous year), showed that the share of transportation and insurance costs, after continuing to decrease, has reached 3.03%. This share was first applied in the calculation for the first quarter of 2007. For the sake of greater

reliability, the c.i.f./f.o.b. coefficient as of 2011 started to be estimated based on the available CBS data on goods imports. The shares of transportation and insurance services have been calculated separately for each year, starting with 2008, based on the goods imported at f.o.b. parity and similar parities. The estimated coefficient amounted to 4.1% for 2008, 4.4% for 2009 and 4.7% for 2010. The figure is estimated again in the same manner for each following year. In the period from 1993 to 1996, the value of imports was modified by estimates of imports in duty free zones, which have been included in the merchandise trade statistics since 1997. From 1996 on, goods exports and imports are modified by the data on repairs on goods and goods procured in ports by carriers. In addition, since 1999, based on the Survey on Consumption of Foreign Travellers in Croatia and Domestic Travellers Abroad, the item of goods exports has been modified by the estimated value of goods sold to foreign travellers and tourists and taken out of the Republic of Croatia. The item of goods imports is adjusted for the estimated value of goods imported personally by the Croatian citizens from the neighbouring countries (shopping expenditures).

Transportation, travel and other services are reported separately under service account. Revenues and expenditures on the basis of transportation, in the 1993-1998 period, were adopted from the ITRS. From 1999 on, revenues and expenditures arising from transportation of goods and passengers, as well as the value of accompanying services, which together constitute the total value of these services, are compiled on the basis of the results of the Research on transactions related to international transportation services, carried out by the CNB. Owing to an exceptionally large population of road carriers, revenues and expenditures on the basis of road freight transportation are not



Table H3 Balance of payments – income and current transfers  
in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>a</sup>
<b>Income</b>	<b>-1,090.2</b>	<b>-1,548.0</b>	<b>-1,798.9</b>	<b>-1,566.1</b>	<b>-1,601.1</b>	<b>-527.7</b>	<b>-461.3</b>	<b>-406.7</b>
1 Compensation of employees	494.2	564.1	586.5	620.8	656.9	179.9	190.9	193.4
1.1 Credit	527.8	599.7	624.2	657.1	695.5	187.3	197.5	199.4
1.2 Debit	-33.6	-35.5	-37.6	-36.3	-38.5	-7.4	-6.5	-6.0
2 Direct investment income	-920.6	-1,137.1	-1,172.9	-1,100.0	-1,034.8	-383.8	-324.9	-295.2
2.1 Credit	174.5	194.6	-62.6	87.6	63.2	-15.0	25.1	20.6
o/w: Reinvested earnings	123.3	118.6	-114.9	8.5	-5.2	-23.9	3.8	5.8
2.2 Debit	-1,095.1	-1,331.7	-1,110.3	-1,187.6	-1,098.0	-368.7	-350.0	-315.8
o/w: Reinvested earnings	-483.3	-508.5	-314.1	-495.2	-300.7	-203.1	180.2	-230.1
3 Portfolio investment income	-176.5	-158.0	-173.4	-304.1	-339.5	-92.4	-109.0	-109.3
3.1 Credit	89.9	82.3	73.5	41.0	48.7	7.6	9.6	10.1
3.2 Debit	-266.4	-240.3	-246.9	-345.1	-388.2	-100.1	-118.7	-119.4
4 Other investment income	-487.3	-817.0	-1,039.2	-782.7	-883.8	-231.4	-218.3	-195.7
4.1 Credit	551.0	517.4	164.3	109.7	156.3	45.9	43.0	40.4
4.2 Debit	-1,038.4	-1,334.3	-1,203.5	-892.5	-1,040.1	-277.3	-261.3	-236.1
<b>Current transfers</b>	<b>1,043.0</b>	<b>1,070.5</b>	<b>1,036.3</b>	<b>1,088.0</b>	<b>1,168.6</b>	<b>279.0</b>	<b>300.0</b>	<b>268.5</b>
1 General government	-16.7	-20.0	-30.0	-39.8	-59.7	-14.5	-32.3	-33.1
1.1 Credit	260.2	342.6	309.0	304.6	246.2	57.7	39.0	49.3
1.2 Debit	-276.8	-362.7	-339.0	-344.4	-305.9	-72.2	-71.3	-82.4
2 Other sectors	1,059.6	1,090.5	1,066.3	1,127.8	1,228.3	293.6	332.3	301.5
2.1 Credit	1,316.0	1,341.7	1,298.8	1,379.9	1,445.6	358.2	387.4	369.7
2.2 Debit	-256.3	-251.2	-232.5	-252.2	-217.3	-64.6	-55.0	-68.2

<sup>a</sup> Preliminary data.

adopted from that research. They are compiled by using ITRS data. As of January 2011, due to the abolishment of the ITRS, this item has been compiled on the basis of data from export customs declarations of the CBS and estimates of the Road Freight Transporters Association. Expenditures on the basis of road freight transportation equal transportation and insurance costs related to imports of goods which belong to non-residents and which are estimated by adjusting the value of imports at c.i.f. parity to the value of imports f.o.b.

Revenues from services rendered to foreign travellers and tourists, as well as expenditures incurred by domestic travellers and tourists abroad are shown under the position Travel. In the 1993-1998 period, this position was assessed by using various data sources which did not provide for a full coverage in accordance with the recommended methodology. Accordingly, in the second half of 1998, the Croatian National Bank started to carry out the Survey on Consumption of Foreign Travellers in Croatia and Domestic Travellers Abroad and use its results for compiling the Travel position. Since early 1999, the results of this Survey, based on carrying out a survey of travellers (stratified sample) at border crossings, have been combined with the Ministry of the Interior and Central Bureau of Statistics data on the number of foreign and domestic travellers, along with the data on distribution of foreign travellers by countries contained in the CBS Report on tourism, in order to assess the corresponding balance of payment items. The balance of payments data on revenues from services rendered to foreign travellers and tourists for the first three quarters of 2012 were not computed using the standard methodological combination of volume indicators and estimated average consumption for the mentioned quarters of the current year from the Survey on Consumption of Foreign Travellers, but are based on a combination of the

estimated level of tourism consumption in 2011 and an econometrically computed indicator – the first major component of a group of variables that are assumed to follow the dynamics of tourism revenue (foreign tourist arrivals and nights, the number of foreign travellers at border crossings, total tourist consumption according to the CNB survey, the number of the employed in accommodation and food service activities, the revenues of hotels and restaurants, the price index of hotel and restaurants services, the real retail trade turnover index, currency outside banks, the value of foreign credit card transactions, the banks' turnover in transactions with natural persons in the foreign exchange market and the industrial production EU-27).

Other services position is compiled by using different data sources: apart from revenues and expenditures related to communication and construction services, which have been determined by the CNB special statistical research since 2001, the values of all other services were adopted from the ITRS until the end of 2010, when it was abolished. As of 2011, the uniform statistical survey is used for estimating the position of Other services, which encompasses 30 different types of services, the classification of which is prescribed by the IMF's Balance of Payments Manual, 6th edition. That survey also includes communication services, as a result of which a special survey on communication services was abolished, while insurance and construction services continued to be monitored through separate surveys.

Transactions in the income account are classified into four main groups. Compensation of employees item was compiled on the basis of the ITRS until the end of 2010, when it was abolished. As of 2011, this position on the revenues side is estimated by a model based on the aggregate data of banks on inflows of resident natural persons from non-residents. On

Table H4 Balance of payments – direct and portfolio investments<sup>a,b</sup>

in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>c</sup>
<b>Direct investment</b>	<b>3,435.2</b>	<b>3,248.4</b>	<b>1,526.9</b>	<b>410.7</b>	<b>1,048.1</b>	<b>262.6</b>	<b>257.1</b>	<b>149.4</b>
1 Abroad	-216.1	-970.2	-888.1	113.2	-27.2	225.3	31.8	-40.7
1.1 Equity capital and reinvested earnings	-270.2	-1,075.9	-894.4	254.0	-192.8	16.4	-5.2	-29.6
1.1.1 Claims	-273.3	-1,075.9	-1,009.3	237.7	-214.8	-12.4	-5.2	-29.6
1.1.2 Liabilities	3.1	0.0	114.9	16.3	22.0	28.8	0.0	0.0
1.2 Other capital	54.1	105.7	6.3	-140.9	165.6	208.9	37.1	-11.1
1.2.1 Claims	20.3	106.8	-30.0	-371.5	351.8	198.3	40.1	-3.8
1.2.2 Liabilities	33.9	-1.1	36.3	230.6	-186.2	10.6	-3.0	-7.2
2 In Croatia	3,651.3	4,218.6	2,415.0	297.5	1,075.3	37.4	225.3	190.1
2.1 Equity capital and reinvested earnings	2,688.1	2,708.0	984.2	879.6	2,265.0	265.0	-20.1	277.4
2.1.1 Claims	0.0	-6.9	-106.8	-70.0	-36.3	0.0	-180.2	0.0
2.1.2 Liabilities	2,688.1	2,714.9	1,091.1	949.6	2,301.3	265.0	160.2	277.4
2.2 Other capital	963.2	1,510.6	1,430.8	-582.1	-1,189.6	-227.6	245.3	-87.3
2.2.1 Claims	-4.5	-26.4	-29.1	-21.5	14.1	0.7	-6.1	0.8
2.2.2 Liabilities	967.7	1,537.0	1,459.9	-560.6	-1,203.7	-228.3	251.4	-88.1
<b>Portfolio investment</b>	<b>335.9</b>	<b>-840.6</b>	<b>420.9</b>	<b>477.0</b>	<b>646.3</b>	<b>397.9</b>	<b>810.5</b>	<b>-278.1</b>
1 Assets	-421.6	-380.8	-558.1	-368.3	509.1	245.0	-244.9	-255.5
1.1 Equity securities	-842.6	148.9	-111.4	-474.3	-116.0	62.0	-67.2	-52.1
1.1.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.1 Banks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.2 Other sectors	-842.6	148.9	-111.4	-474.3	-116.0	62.0	-67.2	-52.1
1.2 Debt securities	421.0	-529.7	-446.7	105.9	625.1	183.0	-177.7	-203.4
1.2.1 Bonds	315.6	-431.4	-86.2	263.9	351.0	172.2	-242.7	-179.5
1.2.1.1 General government	0.1	0.0	0.0	-1.5	0.0	0.0	0.0	-0.7
1.2.1.2 Banks	267.8	-226.5	-52.5	167.3	348.8	188.8	-222.6	-132.5
1.2.1.3 Other sectors	47.7	-204.9	-33.7	98.1	2.1	-16.6	-20.1	-46.2
1.2.2 Money market instruments	105.4	-98.3	-360.5	-157.9	274.1	10.8	65.0	-24.0
1.2.2.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2.2.2 Banks	109.7	-100.9	-341.4	-124.3	310.7	11.7	27.8	-43.9
1.2.2.3 Other sectors	-4.3	2.5	-19.0	-33.6	-36.6	-0.9	37.2	20.0
2 Liabilities	757.5	-459.8	979.1	845.4	137.2	152.9	1,055.4	-22.6
2.1 Equity securities	315.9	-85.1	16.4	168.0	17.7	8.5	-1.9	-5.0
2.1.1 Banks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.2 Other sectors	315.9	-85.1	16.4	168.0	17.7	8.5	-1.9	-5.0
2.2 Debt securities	441.6	-374.7	962.7	677.3	119.5	144.4	1,057.3	-17.5
2.2.1 Bonds	519.1	-360.4	817.3	380.8	431.4	27.6	1,066.0	62.4
2.2.1.1 General government	83.0	-275.5	862.9	389.1	638.0	-3.8	818.1	313.3
2.2.1.2 Banks	0.1	-4.7	-447.2	-0.2	-7.0	-0.9	0.0	-0.3
2.2.1.3 Other sectors	436.0	-80.1	401.7	-8.1	-199.5	32.3	248.0	-250.6
2.2.2 Money market instruments	-77.5	-14.3	145.3	296.5	-312.0	116.8	-8.7	-80.0
2.2.2.1 General government	-77.5	-14.4	145.4	296.5	-312.1	116.9	-8.8	-80.0
2.2.2.2 Banks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.2.3 Other sectors	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from January 1999 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Data also include the round tripping which increases direct investment in Croatia and direct investment abroad by the same amount. This type of direct investment was recorded in December 2008 (EUR 825.7m), August 2009 (EUR 666.5m) and December 2010 (EUR 618.6m, investment withdrawal). <sup>c</sup> Preliminary data.

the expenditures side, the existing surveys on services are used, containing a part which relates to compensation of employees paid to non-residents. Income from direct investment, portfolio investment and other investment are reported separately. Data on reinvested earnings are reported separately, under direct investment income, calculated on the basis of the CNB Research

on direct and other equity investment. In contrast to data on dividends, these data are not available for the 1993-1996 period, since at that time they were not reported separately. From the first quarter of 2009 on, international standards are applied in the statistical monitoring of reinvested earnings, meaning that reinvested earnings are reported on a quarterly basis, i.e.

Table H5 Balance of payments – other investment<sup>a</sup>

in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>b</sup>
Other investment (net)	1,359.8	2,981.4	2,373.8	772.7	208.0	844.3	-654.9	-1,722.6
1 Assets	-1,662.6	-1,620.7	748.5	694.2	360.9	636.1	-129.0	-738.6
1.1 Trade credits	-107.4	-125.0	145.0	213.8	-22.2	-6.4	-48.9	147.8
1.1.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.2 Other sectors	-107.4	-125.0	145.0	213.8	-22.2	-6.4	-48.9	147.8
1.1.2.1 Long-term	-63.5	26.7	58.0	22.2	2.9	1.2	0.8	0.1
1.1.2.2 Short-term	-43.9	-151.7	87.0	191.6	-25.2	-7.6	-49.7	147.7
1.2 Loans	-4.5	-107.5	41.5	-85.1	-9.3	-33.5	-6.2	-41.0
1.2.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2.2 Banks	-32.6	-66.7	20.5	-65.4	-0.9	-23.8	-5.7	-41.1
1.2.2.1 Long-term	-25.4	-26.8	-28.7	-46.9	-20.6	-4.3	9.5	-0.4
1.2.2.2 Short-term	-7.3	-39.9	49.2	-18.5	19.7	-19.6	-15.2	-40.8
1.2.3 Other sectors	28.1	-40.8	21.0	-19.7	-8.4	-9.7	-0.5	0.1
1.2.3.1 Long-term	28.1	-37.6	20.9	17.4	-34.6	-1.6	-2.3	3.6
1.2.3.2 Short-term	0.0	-3.2	0.1	-37.1	26.1	-8.1	1.8	-3.5
1.3 Currency and deposits	-1,550.8	-1,388.2	562.0	565.4	392.5	676.0	-74.0	-845.4
1.3.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	-0.9
1.3.2 Banks	-1,317.1	-136.4	423.7	417.0	523.9	694.2	-65.1	-911.2
1.3.3 Other sectors	-233.6	-1,251.8	138.2	148.5	-131.4	-18.3	-8.3	66.6
1.4 Other assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Liabilities	3,022.5	4,602.1	1,625.3	78.5	-152.9	208.2	-525.8	-984.0
2.1 Trade credits	323.1	21.3	-142.1	60.2	-581.7	78.8	92.3	32.8
2.1.1 General government	-0.6	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
2.1.1.1 Long-term	-0.6	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
2.1.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.2 Other sectors	323.7	21.8	-142.1	60.2	-581.7	78.8	92.3	32.8
2.1.2.1 Long-term	165.0	34.9	-58.0	-25.4	-147.6	-13.6	-4.3	-12.7
2.1.2.2 Short-term	158.7	-13.1	-84.1	85.6	-434.0	92.4	96.6	45.5
2.2 Loans	2,890.3	3,703.9	590.5	36.3	-501.6	-37.6	-349.3	-373.9
2.2.1 Croatian National Bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.1.1 o/w: IMF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.1.1.1 Drawings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.1.1.2 Repayments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.2 General government	161.0	96.7	-7.4	134.4	90.7	-4.9	-47.0	-20.5
2.2.2.1 Long-term	161.0	65.0	24.3	134.4	90.7	-4.9	-46.8	-16.0
2.2.2.1.1 Drawings	523.5	330.1	306.0	368.9	347.2	27.9	29.5	26.7
2.2.2.1.2 Repayments	-362.5	-265.2	-281.7	-234.5	-256.5	-32.8	-76.2	-42.6
2.2.2.2 Short-term	0.0	31.7	-31.7	0.0	0.0	0.0	-0.2	-4.5
2.2.3 Banks	-1,065.0	115.2	-166.5	-192.7	-44.9	-62.3	-226.4	2.2
2.2.3.1 Long-term	-630.8	-276.1	158.1	-322.9	375.1	-56.0	-143.9	-90.9
2.2.3.1.1 Drawings	1,216.2	609.4	1,219.2	849.3	1,108.3	308.8	42.0	105.4
2.2.3.1.2 Repayments	-1,847.0	-885.4	-1,061.1	-1,172.2	-733.2	-364.8	-185.9	-196.2
2.2.3.2 Short-term	-434.2	391.3	-324.6	130.2	-420.0	-6.3	-82.5	93.0
2.2.4 Other sectors	3,794.4	3,492.0	764.4	94.5	-547.4	29.7	-75.9	-355.6
2.2.4.1 Long-term	3,184.9	3,175.7	488.1	-96.7	-922.3	-134.9	-300.7	-369.1
2.2.4.1.1 Drawings	5,960.8	6,700.9	4,403.7	4,336.5	2,935.3	785.9	900.3	828.3
2.2.4.1.2 Repayments	-2,775.9	-3,525.2	-3,915.5	-4,433.2	-3,857.6	-920.8	-1,201.0	-1,197.4
2.2.4.2 Short-term	609.5	316.2	276.2	191.2	374.9	164.6	224.8	13.5

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>b</sup>
2.3 Currency and deposits	-193.6	875.7	1,175.0	-19.0	929.7	167.0	-269.0	-643.0
2.3.1 General government	-0.1	-0.1	-1.2	0.0	-1.0	0.0	0.0	0.0
2.3.2 Banks	-193.6	867.1	1,197.2	-19.0	930.8	167.1	-269.0	-643.0
2.3.3 Other sectors	0.1	8.7	-21.1	0.0	0.0	0.0	0.0	0.0
2.4 Other liabilities	2.7	1.3	2.0	1.1	0.6	-0.1	0.2	0.0

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from January 1999 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Preliminary data.

in the period in which the profit is actually earned. Previously, reinvested earnings were reported in the month in which the decision on the distribution of the previous year's profit was adopted, meaning that they were based on the profit earned in the preceding year. On the basis of statistical data on external debt relations, starting from 1997, income from direct investment includes data on interest arising from credit relations between residents and non-residents directly related through ownership. Income from equity portfolio investment is compiled on the basis of the same survey, whereas data on debt portfolio investment income have been compiled since 1999, based on statistics on foreign credit relations, which also encompasses income related to debt securities owned by non-residents. Income from other investments includes the calculation of interest in accordance with the foreign credit relations statistics. The methodology for compiling the statistics on debt investment income was changed in 2007 to include the reporting of income on an accrual basis. This basically means that income from debt investment and interest are reported at the point in time when they accrue and not at the point in time when they mature or when they are paid. As a result, the historical data for the 1999–2006 period have been revised.

Current transfers are reported separately for the general government sector and other sectors. The ITRS was used as the main data source on current transfers for both sectors until the end of 2010, when it was abolished. As of 2011, transfers of the general government sector are recorded on the basis of the data of the Ministry of Finance and the Croatian Pension Insurance Administration in the case of pensions paid out to non-residents. In addition to taxes and excise duties, pensions, gifts and donations, which are included in current transfers of both sectors, the central government sector also encompasses data on multilateral cooperation, whereas other sectors include data on workers' remittances. As of 2011, the position of workers' remittances and gifts and donations for other sectors is estimated through a model based on aggregate data of banks on inflows of resident natural persons from abroad and outflows of resident natural persons abroad. Pensions from abroad are estimated on the basis of the available data of the Croatian Pension Insurance Administration. Furthermore, other sector transfers are supplemented by the data from the survey on trade in international services, containing a special part for possible transfers from and to foreign countries. Current transfers of the general government sector also include data on exports and imports of goods without a payment obligation, provided by the CBS. In the 1993–1998 period, current transfers of other sectors also encompassed an estimate of unregistered foreign currency remittances, which accounted for 15% of the positive difference between unclassified inflows and outflows of the household sector. From 1993 to the second quarter of 1996, the CNB also assessed a portion of the outflow based on current transfers. From 2002 on, inflows and outflows based on current transfers

of other sectors are supplemented by the data of the CNB special statistical research on international transactions related to insurance services.

Until the end of 2010, capital account in the part relating to capital transfers was compiled on the basis of the ITRS. As of the beginning of 2011, data of the Ministry of Finance and data from the survey on trade in international services, containing a special part for possible transfers from and to foreign countries, are used for compiling the capital transfers account. Data on possible debt forgiveness also constitute a part of the capital account.

Foreign direct investments include equity capital, reinvested earnings and debt relations between ownership-related residents and non-residents. Direct investments are investments whereby a foreign owner acquires a minimum of 10% interest in equity capital of a company, regardless of whether a resident invests abroad or a non-resident invests in Croatian residents. The CNB Research on foreign direct investments started in 1997 when companies included in the survey also delivered data on direct investments for the 1993–1996 period. For the same period, no data are available on reinvested earnings and other capital under direct investment position, where all debt relations between related residents and non-residents are classified (excluding the banking sector). Such data actually became available only after the stated research had been launched. Since 1999, data on debt relations within direct investments have been collected on the basis of external debt relations statistics. From 2007 on, the CNB Statistics Department conducts the research on the purchase and sale of the real estate by non-residents on the territory of the Republic of Croatia. Persons obliged to submit reports are the public notaries who learn about these transactions in the course of their business. Data on the purchase and sale of the real estate by Croatian residents abroad were compiled on the basis of the ITRS until the end of 2010, whereas in 2011, monitoring through the obligatory reporting to the CNB's Statistics Department was introduced. These purchase and sale transactions are also a constituent part of direct investments.

Data on equity portfolio investments are collected from the same data source as the data on direct equity investments. Debt portfolio investments include all investments in short-term and long-term debt securities that cannot be classified under direct investments. In the 1997–1998 period, these data were collected through the CNB Research on direct and portfolio investments, and since 1999 data on external debt relations and monetary statistics data for bank investment have been used. Starting from 2002 and 2004, this position has also been compiled for investment funds and pension funds, respectively. Since 2009, these positions have been modified by the statistics on trade in equity and debt securities submitted by the Central Depository and Clearing Company and commercial banks providing securities custody services. Portfolio investments are modified by these data in the parts not fully covered by the existing research.

Table H6 Balance of payments – summary<sup>a</sup>

in million HRK

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>b</sup>
<b>A CURRENT ACCOUNT (1+6)</b>	<b>-23,248.4</b>	<b>-30,886.2</b>	<b>-16,872.3</b>	<b>-3,512.4</b>	<b>-2,825.0</b>	<b>-12,162.3</b>	<b>-2,577.8</b>	<b>19,363.5</b>
1 Goods, services, and income (2+5)	-30,899.4	-38,615.0	-24,477.1	-11,411.5	-11,586.5	-14,287.0	-4,830.2	17,356.9
1.1 Credit	143,744.4	153,279.5	125,527.6	135,367.6	146,728.3	25,021.3	37,086.4	58,406.1
1.2 Debit	-174,643.8	-191,894.5	-150,004.7	-146,779.1	-158,314.8	-39,308.2	-41,916.7	-41,049.3
2 Goods and services (3+4)	-22,878.0	-27,399.1	-11,254.7	-2.1	293.8	-10,298.8	-1,360.9	20,375.8
2.1 Credit	133,893.3	143,213.9	119,656.7	128,853.2	139,563.2	23,317.5	35,018.7	56,360.9
2.2 Debit	-156,771.3	-170,612.9	-130,911.3	-128,855.3	-139,269.5	-33,616.3	-36,379.7	-35,985.1
3 Goods	-69,481.9	-76,817.4	-52,927.0	-41,861.3	-45,707.8	-11,428.7	-12,751.8	-11,515.5
3.1 Credit	67,161.6	70,414.9	56,336.3	66,044.6	72,655.3	17,290.9	17,865.0	18,846.5
3.2 Debit	-136,643.4	-147,232.3	-109,263.3	-107,905.9	-118,363.1	-28,719.5	-30,616.9	-30,362.0
4 Services	46,603.9	49,418.3	41,672.3	41,859.3	46,001.6	1,129.9	11,390.9	31,891.3
4.1 Credit	66,731.8	72,798.9	63,320.4	62,808.7	66,907.9	6,026.7	17,153.7	37,514.4
4.2 Debit	-20,127.8	-23,380.6	-21,648.1	-20,949.4	-20,906.4	-4,896.8	-5,762.8	-5,623.1
5 Income	-8,021.4	-11,215.9	-13,222.5	-11,409.4	-11,880.3	-3,988.2	-3,469.3	-3,018.9
5.1 Credit	9,851.0	10,065.6	5,870.9	6,514.4	7,165.0	1,703.7	2,067.7	2,045.3
5.2 Debit	-17,872.5	-21,281.5	-19,093.4	-17,923.8	-19,045.3	-5,691.9	-5,537.0	-5,064.2
6 Current transfers	7,650.9	7,728.8	7,604.9	7,899.1	8,761.5	2,124.7	2,252.5	2,006.6
6.1 Credit	11,562.1	12,159.5	11,797.8	12,254.8	12,653.1	3,158.5	3,202.8	3,004.1
6.2 Debit	-3,911.1	-4,430.6	-4,192.9	-4,355.7	-3,891.6	-1,033.8	-950.4	-997.5
<b>B CAPITAL AND FINANCIAL ACCOUNT</b>	<b>32,479.2</b>	<b>41,346.5</b>	<b>25,564.6</b>	<b>10,010.4</b>	<b>10,616.7</b>	<b>9,570.8</b>	<b>2,515.2</b>	<b>-12,269.8</b>
B1 Capital account	209.1	108.2	314.1	252.6	-62.4	-26.7	-32.4	-49.3
B2 Financial account, excl. reserves	37,585.0	38,930.0	31,761.7	10,219.7	13,601.7	11,296.6	3,320.5	-13,596.4
1 Direct investment	25,241.5	23,055.9	11,262.4	2,964.5	7,788.2	1,982.7	1,926.9	1,112.0
1.1 Abroad	-1,588.3	-6,981.4	-6,504.9	880.2	-190.2	1,705.4	239.3	-303.1
1.2 In Croatia	26,829.8	30,037.3	17,767.3	2,084.3	7,978.3	277.4	1,687.6	1,415.1
2 Portfolio investment	2,495.2	-5,711.7	2,991.6	3,356.3	4,803.8	3,003.9	6,055.3	-2,081.7
2.1 Assets	-3,107.9	-2,678.2	-4,042.4	-2,700.4	3,809.5	1,848.3	-1,832.6	-1,908.9
2.2 Liabilities	5,603.1	-3,033.5	7,034.0	6,056.7	994.3	1,155.6	7,887.9	-172.8
3 Financial derivatives	0.0	0.0	0.0	-1,838.9	-438.9	-83.0	277.0	279.8
4 Other investment	9,848.4	21,585.8	17,507.6	5,737.9	1,448.6	6,393.0	-4,938.7	-12,906.5
4.1 Assets	-12,147.1	-11,587.3	5,594.1	5,108.0	2,666.2	4,822.0	-969.2	-5,562.0
4.2 Liabilities	21,995.5	33,173.1	11,913.6	629.9	-1,217.5	1,571.0	-3,969.5	-7,344.5
B3 Reserve assets (CNB)	-5,315.0	2,308.3	-6,511.2	-462.0	-2,922.6	-1,699.1	-773.0	1,375.8
<b>C NET ERRORS AND OMISSIONS</b>	<b>-9,230.7</b>	<b>-10,460.3</b>	<b>-8,692.3</b>	<b>-6,498.0</b>	<b>-7,791.7</b>	<b>2,591.5</b>	<b>62.6</b>	<b>-7,093.7</b>

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from January 1999 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Preliminary data.

Note: The item net errors and omissions also comprises the counter-entry of a part of revenues from travel services which relates to such revenues not stated in the banks' records.

Data for the 2006–2009 period have also been revised. As a result, from 2006 on, the balance of payments includes data on debt securities issued by domestic issuers and traded by non-residents in the domestic market (portfolio investment, debt securities on the liabilities side).

Other investment encompasses all other debt investments that have not been mentioned, apart from investment constituting reserve assets. Other investments are classified by instruments, maturity and sectors. Trade credits, in the 1996–2002 period, included the CNB estimates of advance payment and deferred payments, made on the basis of the sample of the largest and large importers and exporters. Data on advance payments have been estimated since 1996, while data on short-term deferred payments (first up to 90 days, then up to 150 days, and today from 8 days to 1 year) have been collected since 1999. In 2003, this research was replaced by a new one, where the

selected companies, regardless of their size (stratified sample), are obliged to submit data. Data on deferred payments with the original maturity of more than one year are adopted from the CNB foreign credit relations statistics. Credits granted by residents to non-residents, i.e. foreign loans utilised by residents and granted by non-residents, which cannot be classified into direct investments or trade credits, are classified by the institutional sector and maturity under the corresponding positions of other investment. The CNB foreign credit relations statistics represent the data source for these positions. Currency and deposit position shows residents' claims on foreign countries for foreign cash and deposits with foreign banks, as well as obligations of the Croatian banks for deposits owned by non-residents. Monetary statistics represent a data source for the general government sector and banks sector. Data on balance and currency structure of foreign assets and liabilities, contained in monetary statistics,

Table H7 International reserves and banks' foreign currency reserves<sup>a</sup>

end of period, in million EUR

Year	Month	International reserves of the Croatian National Bank							Banks' foreign currency reserves
		Total	Special drawing rights	Reserve position in the Fund	Gold	Foreign currency			
						Total	Currency and deposits	Bonds and notes	
1998	December	2,400.2	197.1	0.1	–	2,203.0	1,642.6	560.4	1,607.0
1999	December	3,012.7	188.7	0.2	–	2,823.7	2,449.8	373.9	1,344.7
2000	December	3,783.2	158.5	0.2	–	3,624.5	2,763.0	861.5	2,310.7
2001	December	5,333.6	122.9	0.2	–	5,210.5	3,469.7	1,740.7	4,056.0
2002	December	5,651.3	2.3	0.2	–	5,648.8	3,787.8	1,861.0	2,581.6
2003	December	6,554.1	0.7	0.2	–	6,553.2	3,346.0	3,207.2	3,927.1
2004	December	6,436.2	0.6	0.2	–	6,435.4	3,173.3	3,262.0	4,220.1
2005	December	7,438.4	0.9	0.2	–	7,437.3	3,834.5	3,602.8	2,938.4
2006	December	8,725.3	0.7	0.2	–	8,724.4	4,526.9	4,197.5	3,315.0
2007	December	9,307.4	0.8	0.2	–	9,306.5	4,533.9	4,772.5	4,388.9
2008	December	9,120.9	0.7	0.2	–	9,120.0	2,001.8	7,118.2	4,644.5
2009	December	10,375.8	331.7	0.2	–	10,043.9	2,641.4	7,402.6	4,293.9
2010	December	10,660.3	356.7	0.2	–	10,303.4	3,274.9	7,028.5	3,828.9
2011	December	11,194.9	360.7	0.2	–	10,834.0	2,730.7	8,103.2	3,463.7
2012	January	10,916.7	359.0	0.2	–	10,557.5	2,683.0	7,874.5	3,399.4
	February	11,410.8	351.4	0.2	–	11,059.2	3,057.2	8,002.0	2,711.2
	March	11,340.1	354.1	0.2	–	10,985.7	2,504.7	8,481.0	2,705.6
	April	12,461.9	356.1	0.2	–	12,105.6	3,315.1	8,790.5	2,672.6
	May	12,106.1	368.4	0.2	–	11,737.5	2,758.5	8,979.0	2,673.1
	June	11,635.3	371.3	0.2	–	11,263.7	1,850.3	9,413.4	2,767.9
	July	11,607.2	373.1	0.2	–	11,233.9	1,588.5	9,645.4	3,264.7
	August	11,532.4	368.2	0.2	–	11,164.0	1,846.3	9,317.7	3,704.8
	September	11,383.9	363.5	0.2	–	11,020.3	2,192.7	8,827.6	3,631.7
	October	11,371.5	362.5	0.2	–	11,008.8	2,434.1	8,574.7	3,303.8
	November	11,301.6	360.1	0.2	–	10,941.3	2,416.4	8,524.9	3,155.2
	December <sup>b</sup>	11,235.9	352.8	0.2	–	10,882.9	2,245.8	8,637.1	2,895.3

<sup>a</sup> International reserves of the Republic of Croatia consist only of the Croatian National Bank's foreign currency reserves. <sup>b</sup> Preliminary data.

are used to assess transactions from which the exchange rate effect was eliminated. In the 1993-1998 period, data on other sectors' claims under this position were compiled on the basis of the CNB estimate of a portion of net foreign currency inflows of the household sector which is not classified under current transfers. Since 1999, this position has included only the data based on the Bank for International Settlement quarterly data, while data in the fourth quarter of 2001 and in the first two quarters of 2002 also relate to the effect of the EMU countries' currencies changeover to the euro. Data for the fourth quarter of 2008 were modified by estimates of currency and deposit withdrawals from the financial system driven by fears of the effects of the global financial crisis.

In the period from 1993 to 1998, the estimate of reserve assets transactions was made by converting the changes in the original currencies into the US dollars by applying the average monthly exchange rate of the currencies contained in the

reserves. Since 1999, the changes in reserve assets balance have been calculated on the basis of the CNB accounting data.

**Table H7 International reserves and banks' foreign currency reserves** • Data on the international reserves of the Croatian National Bank are compiled in accordance with the methodology set out in the Balance of Payments Manual (International Monetary Fund, 1993), and include those foreign claims of the Croatian National Bank that can be used to bridge imbalances in international payments. International reserves include special drawing rights, reserve position in the Fund, gold, foreign currency and deposits with foreign banks, as well as bonds and debt instruments.

The foreign currency reserves of banks include foreign currency and deposits of domestic banks with foreign banks. These foreign currency reserves represent an additional source of liquidity for bridging imbalances in international payments.

Table H8 International reserves and foreign currency liquidity  
end of period, in million EUR

[illegible]



		2007 Dec.	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012				
							Mar.	Jun.	Sep.	Oct.	Nov.
More than 1 and up to 3 months	Principal	–	–	–	–	–	–	–	–	–	–
	Interest	–	–	–	–	–	–	–	–	–	–
More than 3 months and up to 1 year	Principal	–	–	–	–	–	–	–	–	–	–
	Interest	–	–	–	–	–	–	–	–	–	–
4 Total predetermined short-term net drains on f/c assets (1+2+3)		–521.1	–1,084.1	–989.3	–1,234.9	–679.5	–814.7	–824.8	–863.6	–870.8	–827.5
<b>III Contingent short-term net drains on f/c assets (nominal value)</b>											
1 Contingent liabilities in foreign currency		–2,607.4	–1,896.1	–1,351.6	–1,734.2	–1,741.7	–1,852.7	–1,608.5	–1,366.5	–1,358.5	–1,308.5
(a) Collateral guarantees on debt falling due within 1 year		–662.1	–803.2	–661.5	–1,087.9	–1,005.2	–1,062.8	–906.1	–667.5	–668.7	–633.4
– Croatian National Bank		–	–	–	–	–	–	–	–	–	–
– Central government (excl. central government funds)		–662.1	–803.2	–661.5	–1,087.9	–1,005.2	–1,062.8	–906.1	–667.5	–668.7	–633.4
Up to 1 month		–54.3	–91.8	–30.3	–0.2	–8.0	–28.6	–46.7	–31.5	–58.7	–86.3
More than 1 and up to 3 months		–42.4	–58.4	–101.3	–438.5	–111.2	–215.3	–333.4	–198.4	–161.8	–69.8
More than 3 months and up to 1 year		–565.3	–652.9	–529.8	–649.2	–885.9	–818.9	–526.1	–437.6	–448.2	–477.3
(b) Other contingent liabilities		–1,945.3	–1,092.9	–690.1	–646.3	–736.5	–789.9	–702.4	–699.0	–689.9	–675.1
– Croatian National Bank		–1,945.3	–1,092.9	–690.1	–646.3	–736.5	–789.9	–702.4	–699.0	–689.9	–675.1
Up to 1 month		–	–	–	–	–	–	–	–	–	–
More than 1 and up to 3 months		–1,945.3	–1,092.9	–690.1	–646.3	–736.5	–789.9	–702.4	–699.0	–689.9	–675.1
More than 3 months and up to 1 year		–	–	–	–	–	–	–	–	–	–
– Central government (excl. central government funds)		–	–	–	–	–	–	–	–	–	–
2 Foreign currency securities issued with embedded options (puttable bonds)		–	–	–	–	–	–	–	–	–	–
3 Undrawn, unconditional credit lines provided by:		–	–	–	–	–	–	–	–	–	–
– BIS (+)		–	–	–	–	–	–	–	–	–	–
– IMF (+)		–	–	–	–	–	–	–	–	–	–
4 Aggregate short and long positions of options in f/c vis-a-vis the domestic currency		–	–	–	–	–	–	–	–	–	–
5 Total contingent short-term net drains on f/c assets (1+2+3+4)		–2,607.4	–1,896.1	–1,351.6	–1,734.2	–1,741.7	–1,852.7	–1,608.5	–1,366.5	–1,358.5	–1,308.5
<b>IV Memo items</b>											
(a) Short-term domestic currency debt indexed to the exchange rate		–	–	–	–	–	–	–	–	–	–
o/w: Central government (excl. central government funds)		–	–	–	–	–	–	–	–	–	–
(b) Financial instruments denominated in foreign currency and settled by other means (e.g., in domestic currency)		–	–	–	–	–	–	–	–	–	–
(c) Pledged assets		–	–	–	–	–	–	–	–	–	–
(d) Securities lent and on repo		–	–	–	–	–	–	–	–	–	–
– Lent or repoed and included in Section I		–	–6.1	–	–	–0.4	–	–2.5	–	–	–
– Lent or repoed but not included in Section I		–	–	–	–	–	–	–	–	–	–
– Borrowed or acquired and included in Section I		–	–	–	–	–	–	–	–	–	–
– Borrowed or acquired but not included in Section I		389.7	478.6	766.5	1,458.5	136.9	1,402.5	1,231.9	39.8	1,054.1	306.6
(e) Financial derivative assets (net, marked to market)		–	–	–	–	–	–	–	–	–	–
(f) Currency composition of official reserves assets											
– Currencies in SDR basket		9,307.1	9,120.8	10,375.7	10,660.0	11,194.7	11,339.9	11,635.1	11,383.8	11,371.3	11,301.5
– Currencies not in SDR basket		0.3	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.2
– By individual currencies											
USD		1,357.2	2,064.6	2,461.8	2,451.0	2,333.0	2,219.5	2,249.6	2,155.2	2,170.6	2,139.4
EUR		7,944.2	7,054.9	7,581.5	7,851.8	8,500.6	8,765.9	9,013.8	8,864.8	8,837.9	8,801.6
Other		6.0	1.5	332.5	357.5	361.2	354.7	371.8	364.0	363.0	360.7

**Table H8 International reserves and foreign currency liquidity** • International reserves and foreign currency liquidity are shown in accordance with a Template on international reserves and foreign currency liquidity, drawn up by the IMF. A detailed explanation of the Template is given in “International Reserves and Foreign Currency Liquidity – Guidelines for a Data Template, 2001”.

The first part of the Template shows total assets of the Croatian National Bank in convertible foreign currency. Official

reserve assets (IA) show those types of assets that are readily available to the CNB at any moment for bridging imbalances in international payments. Official international reserves include: short-term foreign negotiable debt securities, foreign cash, foreign currency sight deposits, foreign currency time deposits which can be withdrawn before maturity, foreign currency time deposits with a remaining maturity of up to 1 year, reserve position with the IMF, special drawing rights, gold, and reverse repos with foreign negotiable debt securities.

Table H9 Midpoint exchange rates of the Croatian National Bank (period average)

Year	Month	EUR/HRK	ATS/HRK	FRF/HRK	100 ITL/HRK	CHF/HRK	GBP/HRK	USD/HRK	DEM/HRK
1998		7.139159	0.514631	1.080018	0.366853	4.396452	10.537622	6.362284	3.620795
1999		7.581823	0.550993	1.155840	0.391568	4.739965	11.514804	7.122027	3.876528
2000		7.633852	0.554774	1.163773	0.394256	4.903244	12.530514	8.287369	3.903127
2001		7.471006	0.542939	1.138947	0.385845	4.946810	12.010936	8.339153	3.819865
2002		7.406976				5.049125	11.793108	7.872490	
2003		7.564248				4.978864	10.943126	6.704449	
2004		7.495680				4.854986	11.048755	6.031216	
2005		7.400047				4.780586	10.821781	5.949959	
2006		7.322849				4.656710	10.740292	5.839170	
2007		7.336019				4.468302	10.731537	5.365993	
2008		7.223178				4.553618	9.101622	4.934417	
2009		7.339554				4.861337	8.233112	5.280370	
2010		7.286230				5.285859	8.494572	5.500015	
2011		7.434204				6.035029	8.566138	5.343508	
2012		7.517340				6.237942	9.269634	5.850861	
2012	January	7.546707				6.231979	9.062576	5.846617	
	February	7.579384				6.279834	9.056639	5.733239	
	March	7.539590				6.251841	9.029432	5.709035	
	April	7.494357				6.234184	9.102995	5.691287	
	May	7.528940				6.268465	9.359736	5.870676	
	June	7.546585				6.284864	9.365869	6.026710	
	July	7.494496				6.241017	9.489191	6.089386	
	August	7.486777				6.234162	9.489612	6.042111	
	September	7.426569				6.145893	9.310771	5.787501	
	October	7.500421				6.200713	9.306267	5.783514	
	November	7.536449				6.254353	9.378519	5.876333	
	December	7.529460				6.228983	9.276943	5.747093	

The second part of the Template shows fixed predetermined foreign currency net liabilities of the Croatian National Bank and the central government (excluding central government funds) that fall due in the next 12 months. Foreign currency loans, securities and deposits (II1) include future interest payments on banks' foreign currency reserve requirements with the CNB (only interest payments for the next month are included), payments of future maturities of foreign currency CNB bills, future principal and interest payments on loans from the IMF, and future principal and interest payments on the central government's foreign currency debts (excluding central government funds). Aggregate short and long positions in forwards and futures in foreign currencies (II2) include future collections (+) or payments (–) arising from currency swaps between the CNB and domestic banks (temporary sale or purchase of foreign currency). Item Other (II3) includes future payments arising from repo transactions with foreign negotiable debt securities.

The third part of the Template shows predetermined contingent foreign currency net liabilities of the Croatian National Bank and the central government (excluding central government funds), which fall due in the following 12 months. Contingent liabilities in foreign currency (III1) include future principal and interest payments on foreign loans guaranteed by the central government, and banks' foreign currency reserve requirements with the CNB. (The inclusion of reserve requirements in foreign currency is based on the assumption that there will be no changes in ratios or in the base of foreign currency reserve requirements, which comprises foreign currency sources of funds, including ordinary foreign currency accounts, special foreign

currency accounts, foreign currency accounts and foreign currency sight deposits, received foreign currency deposits and received foreign currency loans, as well as obligations arising from securities issued in foreign currency (excluding banks' equity securities) and hybrid and subordinated instruments). Undrawn credit lines show potential inflows (+) or outflows (–) which would arise from drawdowns under these credits.

The fourth part of the Template lists memo items. Short-term, domestic currency debt indexed to foreign currency (IV(a)) shows obligations arising from the Act on Converting Households' Foreign Currency Deposits into the Public Debt of the Republic of Croatia, which fall due in the next 12 months. Pledged assets (IV(c)) show time deposits in foreign currency with a maturity over 3 months listed in item IB which are also used as collateral. Repo transactions with securities show the value of collateral that is subject to repo and reverse repo transactions with securities as well as how these transactions are registered in the Template.

**Table H9 Midpoint exchange rates of the Croatian National Bank (period average)** • The annual averages of CNB midpoint exchange rates are calculated based on the midpoint exchange rates effective on the working days in a year, using CNB exchange rate lists whose application dates pertain to the calculation period.

The monthly averages of CNB midpoint exchange rates are calculated based on the midpoint exchange rates effective on the working days in a month, using CNB exchange rate lists whose application dates pertain to the calculation period.

Table H10 Midpoint exchange rates of the Croatian National Bank (end of period)

Year	Month	EUR/HRK	ATS/HRK	FRF/HRK	100 ITL/HRK	CHF/HRK	GBP/HRK	USD/HRK	DEM/HRK
1998		7.329100	0.531546	1.114954	0.377700	4.567584	10.451000	6.247500	3.739700
1999		7.679009	0.558055	1.170657	0.396588	4.784268	12.340257	7.647654	3.926215
2000		7.598334	0.552192	1.158359	0.392421	4.989712	12.176817	8.155344	3.884966
2001		7.370030	0.535601	1.123554	0.380630	4.977396	12.101856	8.356043	3.768237
2002		7.442292				5.120256	11.451442	7.145744	
2003		7.646909				4.901551	10.860544	6.118506	
2004		7.671234				4.971314	10.824374	5.636883	
2005		7.375626				4.744388	10.753209	6.233626	
2006		7.345081				4.571248	10.943208	5.578401	
2007		7.325131				4.412464	9.963453	4.985456	
2008		7.324425				4.911107	7.484595	5.155504	
2009		7.306199				4.909420	8.074040	5.089300	
2010		7.385173				5.929961	8.608431	5.568252	
2011		7.530420				6.194817	8.986181	5.819940	
2012		7.545624				6.245343	9.219971	5.726794	
2012	January	7.564800				6.276280	9.037993	5.764975	
	February	7.576699				6.287195	8.931627	5.633652	
	March	7.506917				6.230841	9.005419	5.623580	
	April	7.531440				6.268886	9.237630	5.695712	
	May	7.559568				6.294919	9.456552	6.072430	
	June	7.510100				6.251124	9.307349	5.972247	
	July	7.518303				6.262643	9.614198	6.124391	
	August	7.478883				6.229807	9.433505	5.958320	
	September	7.449746				6.158851	9.339032	5.757145	
	October	7.533132				6.234488	9.347477	5.816192	
	November	7.550662				6.270793	9.316054	5.814016	
	December	7.545624				6.245343	9.219971	5.726794	

The data show the annual and monthly averages of CNB midpoint exchange rates for selected currencies from 1992 to date, in kuna terms. The averages related to the calculation periods from the beginning of 1992, when the legal tender in the Republic of Croatia was the Croatian dinar, until the introduction of the kuna on 30 May 1994, are shown in kuna equivalent, and are denominated by dividing their values by one thousand (1,000).

The annual and monthly averages of midpoint exchange rates for the euro from 1992 until end 1998 are the averages of midpoint exchange rates applied for the ECU.

**Bank (end of period)** • The table shows CNB midpoint exchange rates applied on the last day of the observed period.

The data show CNB midpoint exchange rates for selected currencies from 1992 to date, in kuna terms. The end of period midpoint exchange rates related to the periods from the beginning of the time series in 1992 until the introduction of the kuna on 30 May 1994 are shown in kuna equivalent and are denominated by dividing their values by one thousand (1,000).

The midpoint exchange rates for the euro applied on the last days of the observed periods from 1992 until end 1998 are the end of period midpoint exchange rates applied for the ECU.

Table H10 Midpoint exchange rates of the Croatian National

Table H11 Indices of the effective exchange rate of the kuna

indices 2005 = 100

Year	Month	Nominal effective exchange rate of the kuna	Real effective exchange rate of the kuna; deflator		Real effective exchange rate of the kuna <sup>a</sup> ; deflator	
			Consumer price index	Producer price index	Unit labour costs in industry	Unit labour costs in the total economy
1998	December	100.05	104.33	106.13		
1999	December	107.42	110.58	110.48		
2000	December	107.39	108.02	104.02	118.05	110.80
2001	December	104.41	104.92	103.58	110.86	108.90
2002	December	102.98	103.92	101.39	113.06	106.04
2003	December	103.17	104.36	101.93	104.96	105.66
2004	December	101.23	102.11	99.69	102.63	102.36
2005	December	100.26	99.62	100.99	100.51	99.93
2006	December	98.76	98.03	101.09	91.29	93.82
2007	December	97.20	94.18	98.64	84.78	89.11
2008	December	96.12	92.10	94.82	83.03	85.74
2009	December	96.36	91.83	92.00	86.19	86.17
2010	December	100.14	95.58	95.13	85.74	91.02
2011	December	101.50	97.54	94.83		92.08
2012	January	102.50	98.31	95.42		
	February	102.92	98.67	94.46		
	March	102.24	97.65	93.72		93.07
	April	101.71	96.78	92.77		
	May	102.54	95.93	91.79		
	June	103.04	96.83	92.18		93.91
	July	102.86	97.10	92.10		
	August	102.97	97.06	91.46		
	September	101.59	95.14	89.57		95.42 <sup>b</sup>
	October	102.38	95.62	90.16		
	November	102.85	95.59 <sup>b</sup>	91.48 <sup>b</sup>		
	December	102.34				

<sup>a</sup> The values shown are quarterly data. <sup>b</sup> Preliminary data.

Note: Historical data may be revised when the series are updated.

**Table H11 Indices of the effective exchange rate of the kuna** • The index of the nominal effective exchange rate of the kuna is a weighted geometric average of the index of bilateral nominal exchange rates of the kuna against the selected currencies of the main trading partners. The currencies of the main trading partners and their weights are determined based on the structure of imports and exports of manufactured goods, where the weights used reflect direct import competition, direct export competition and export competition in third markets (see Box 2 in CNB Bulletin No. 165, 2011). The group of countries included in the formation of the index of the effective exchange rate of the kuna comprises the following 16 partner countries: a) eight eurozone countries: Austria (a 6.9% weight), Belgium (2.8%), France (6.4%), Germany (22.5%), Italy (21.4%), the Netherlands (3.2%), Slovenia (6.5%) and Spain (2.6%); b) five EU countries outside the eurozone: the Czech Republic (2.8%), Hungary (2.6%), Poland (2.8%), Sweden (1.9%) and the United Kingdom (3.9%); and c) three non-EU countries: the United States (7.6%), Japan (4.0%) and Switzerland (2.2%). The reference period for the calculation of the weights is the average for the 2007-2009 period. The time series of basic indices were recalculated on the basis of 2005.

The index of the nominal effective exchange rate is an aggregate indicator of the average value of the domestic currency against a basket of currencies. An increase in the index of the nominal effective exchange rate of the kuna in a certain period

indicates that the kuna has depreciated against the basket of currencies and vice versa. The index of the real effective exchange rate is a weighted geometric average of the index of bilateral exchange rates of the kuna adjusted for the corresponding indices of relative prices or costs (the ratio of price indices or costs in partner countries to domestic prices). Producer price indices, consumer price indices and the harmonised consumer price indices for EU member states, unit labour costs in the total economy and in industry are used as deflators. The time series for consumer prices in Croatia is constructed in the following manner: retail price indices are used for the period until and including December 1997 and consumer price indices for the period as of January 1998. Unit labour costs in Croatia are calculated as the ratio of compensation per employee at current prices to labour productivity at constant prices (for more details on the calculation of unit labour costs, see Box 1 in CNB Bulletin No. 141, 2008). Data on the real effective exchange rate for the last month are preliminary. The historical data may be corrected for the subsequent changes in the data on deflators used in the calculation of the index of the real effective exchange rate of the kuna.

**Table H12 Gross external debt by domestic sectors** • External debt is defined as the external debt liabilities of residents on the basis of debt securities issued in the foreign markets (at nominal value), credits (repo agreements included) regardless of their

in million EUR

	2007 Dec. <sup>b</sup>	2008 Dec. <sup>c,d</sup>	2009 Dec. <sup>e</sup>	2010 Dec.	2011 Dec.	2012			
						Mar.*	Jun.*	Sep.*	Oct.
1 Government	6,064.8	4,762.0	5,739.4	6,602.2	6,996.0	7,131.1	8,225.9	8,400.3	8,384.0
Short-term	49.0	60.3	170.4	469.2	157.9	274.8	272.0	187.3	175.8
Money market instruments	43.7	24.6	170.3	468.3	157.9	274.8	266.0	185.8	174.2
Credits	0.0	31.7	0.0	0.0	0.0	0.0	5.2	0.8	0.8
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	5.3	4.0	0.1	0.9	0.0	0.0	0.8	0.8	0.8
Principal arrears	1.1	3.9	0.1	0.8	0.0	0.0	0.7	0.7	0.7
Interest arrears	4.2	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	6,015.8	4,701.7	5,569.0	6,133.1	6,838.1	6,856.4	7,953.9	8,212.9	8,208.2
Bonds	3,406.2	3,162.1	3,976.4	4,313.1	4,926.5	4,882.5	5,774.8	6,052.3	6,070.9
Credits	2,608.4	1,538.9	1,592.6	1,819.9	1,911.6	1,973.9	2,179.1	2,160.6	2,137.3
Trade credits	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Croatian National Bank	2.3	2.3	1.1	1.2	0.1	0.0	0.0	0.0	0.0
Short-term	2.3	2.3	1.1	1.2	0.1	0.0	0.0	0.0	0.0
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Currency and deposits	2.3	2.3	1.1	1.2	0.1	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Principal arrears	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Banks	8,892.6	10,088.9	10,688.7	10,753.0	11,627.9	11,749.6	11,278.5	10,634.8	9,992.1
Short-term	2,361.2	3,793.3	3,091.8	3,003.5	3,572.0	3,435.3	3,036.3	2,645.3	2,458.9
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	710.8	1,121.1	806.8	930.1	511.1	497.0	414.4	505.8	521.0
Currency and deposits	1,648.8	2,670.3	2,283.9	2,073.0	3,060.6	2,938.1	2,621.7	2,139.4	1,937.8
Other debt liabilities	1.7	2.0	1.2	0.4	0.2	0.1	0.2	0.2	0.1
Principal arrears	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	1.5	2.0	1.2	0.4	0.2	0.1	0.2	0.2	0.1
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	6,531.4	6,295.6	7,596.9	7,749.5	8,056.0	8,314.3	8,242.2	7,989.4	7,533.2
Bonds	472.5	466.6	9.0	8.9	1.9	1.0	1.0	0.7	0.7
Credits	3,565.1	3,373.9	3,545.3	3,355.7	3,739.7	3,698.4	3,560.1	3,463.3	3,433.5
Currency and deposits	2,493.9	2,455.0	4,042.7	4,384.9	4,314.4	4,614.9	4,681.1	4,525.4	4,099.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Other sectors	14,828.3	19,901.0	20,993.8	20,929.2	20,182.0	20,136.3	20,005.5	19,439.2	19,676.4
Short-term	1,478.2	925.3	1,346.7	1,613.5	1,485.5	1,640.6	1,715.1	1,914.7	1,871.2
Money market instruments	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Credits	681.0	652.9	677.7	519.1	415.7	462.4	573.0	579.5	528.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	31.1	39.5	28.2	30.9	34.2	48.3	49.6	181.3	178.9
Other debt liabilities	766.0	232.9	640.9	1,063.5	1,035.5	1,129.9	1,092.4	1,153.9	1,163.3
Principal arrears	683.4	170.4	523.6	892.8	861.8	950.5	916.8	974.0	982.5
Interest arrears	82.6	62.5	117.2	170.7	173.7	179.4	175.6	179.8	180.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	2007 Dec. <sup>b</sup>	2008 Dec. <sup>c,d</sup>	2009 Dec. <sup>e</sup>	2010 Dec.	2011 Dec.	2012			
						Mar.*	Jun.*	Sep.*	Oct.
Long-term	13,350.1	18,975.7	19,647.1	19,315.7	18,696.5	18,495.7	18,290.5	17,524.5	17,805.3
Bonds	1,293.4	1,251.6	1,665.8	1,590.1	1,386.2	1,422.1	1,667.9	1,416.6	1,958.3
Credits	11,766.9	17,391.3	17,688.7	17,437.1	17,178.8	16,948.7	16,473.0	15,966.8	15,726.9
Currency and deposits	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	289.8	322.2	292.6	288.4	131.4	124.9	149.6	141.1	120.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 Direct investment	3,932.8	5,835.9	7,821.2	8,197.8	6,927.7	6,914.8	7,053.2	7,072.8	7,079.5
Short-term	540.4	1,415.7	446.8	923.8	1,324.2	1,143.5	1,252.2	1,270.2	1,329.1
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	216.8	1,314.0	343.2	765.2	1,068.3	926.7	1,028.9	1,034.8	1,103.1
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	323.6	101.6	103.6	158.6	255.9	216.7	223.2	235.4	226.0
Principal arrears	293.9	85.8	73.5	124.5	207.5	168.8	173.0	181.6	171.9
Interest arrears	29.7	15.8	30.1	34.2	48.4	48.0	50.3	53.8	54.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	3,392.5	4,420.2	7,374.4	7,274.0	5,603.6	5,771.3	5,801.0	5,802.5	5,750.4
Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	3,374.5	4,414.7	7,373.4	7,271.0	5,600.0	5,767.8	5,798.2	5,799.8	5,747.7
Trade credits	18.0	5.5	1.0	3.0	3.6	3.5	2.8	2.7	2.7
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total (1+2+3+4+5)</b>	<b>33,720.8</b>	<b>40,590.0</b>	<b>45,244.3</b>	<b>46,483.4</b>	<b>45,733.7</b>	<b>45,931.9</b>	<b>46,563.0</b>	<b>45,547.0</b>	<b>45,132.1</b>
o/w: Round tripping <sup>a</sup>	–	825.6	1,499.0	–	–	–	–	–	–

<sup>a</sup> The rise in the external debt of the Republic of Croatia is attributed to the direct investment-related debt which comprises round-tripping transactions. A significant transaction, contributing to the removal of a round tripping component of direct investment, was recorded in December 2010. Nevertheless, the debt is presented in this table under heading 5 Direct investment. <sup>b</sup> The relevant comparable data as at 31 December 2007, reported in the Statistical Survey at the CNB website, should be used for the calculation of the external debt growth rate in 2008. <sup>c</sup> From January 2008 on, the data of non-financial enterprises are estimated on the basis of the data collected from the sample, and the comparable balance as at 31 December 2007 has been calculated by applying the same methodology. <sup>d</sup> The relevant comparable data as at 31 December 2008, reported in the Statistical Survey at the CNB website, should be used for the calculation of the external debt growth rate in 2009. <sup>e</sup> From January 2009 on, the data of non-banking financial institutions and non-financial enterprises are processed with the help of the new reporting system (INOK) which uses market interest rates to calculate the balance and the schedule of interest payments. The comparable balance as at 31 December 2008 has been calculated by applying the same methodology.

contractual maturity, deposits of non-residents, and trade credits granted by non-residents with contractual maturity of more than 180 days (90 days up to 11 July 2001 and 150 days up to 31 December 2002) and, from December 2005 on, non-resident investment in debt securities issued in the domestic market.

External debt by domestic sectors is shown in the same manner as in the capital and financial account of the BOP. Item Government shows the external debt of the general government, comprising the Republic of Croatia, central government funds (including the State Agency for Deposit Insurance and Bank Rehabilitation, the Croatian Roads and, until 31 December 2007, the Croatian Motorways; from this date on, the Croatian Motorways is shown within the subsector public enterprises under item Other sectors), and local government. Item Croatian National Bank shows the debt of the central bank. Item Banks shows the debt of banks. Item Other sectors shows the debt of other banking institutions, non-banking financial institutions (including the Croatian Bank for Reconstruction and Development), enterprises, non-profit institutions and households, including craftsmen. Item Direct investment shows borrower – lender transactions of other sectors that are interrelated by ownership (borrower or lender owns more than 10% of the other).

Each sector data are further shown by contractual (short-term or long-term) maturity and by debt instrument. From the beginning of 2004, instruments included in item Currency and deposits (3 Banks) are reported in accordance with their maturity. Data for the previous periods are reported only on a long-term basis.

Outstanding gross external debt includes principal and interest arrears, as well as accrued interest and future principal payments.

Outstanding debt data are shown at the CNB's midpoint exchange rate at the end of the period.

Data are considered preliminary until after publication of the final BOP data for the reporting quarter.

**Table H13 Public sector gross external debt, and publicly guaranteed and non-publicly guaranteed private sector gross external debt** • The gross external debt position presented in this table highlights the role of the public sector.

Public sector includes the general government (comprising the Republic of Croatia, central government funds and local government), the central bank, public enterprises, mixed enterprises and the CBRD. Public enterprises are defined as enterprises in 100% ownership of business entities from the public sector. Mixed enterprises are defined as enterprises in which business entities from the public sector have a share larger than 50%.

Publicly guaranteed private sector gross external debt is defined as the external debt liabilities of business entities not covered by the definition of the public sector, the servicing of which is guaranteed by a business entity from the public sector.

Non-publicly guaranteed private sector gross external debt is defined as the external debt liabilities of business entities not covered by the definition of the public sector, the servicing of which is not guaranteed by the public sector.

Items are valued in the same manner as in Table H12.

Table H13 Public sector gross external debt, and publicly guaranteed and non-publicly guaranteed private sector gross external debt<sup>a</sup>  
in million EUR

	2007 Dec. <sup>b</sup>	2008 Dec. <sup>c,d</sup>	2009 Dec. <sup>e</sup>	2010 Dec.	2011 Dec.	2012			
						Mar.*	Jun.*	Sep.*	Oct.
1 Public sector	9,986.7	10,852.7	12,820.6	14,364.3	14,076.2	14,034.1	14,707.3	14,517.7	14,541.1
Short-term	116.2	209.2	429.9	651.1	337.3	473.7	386.1	307.5	218.6
Money market instruments	43.7	24.6	170.3	468.3	157.9	274.8	266.0	185.8	174.2
Credits	35.4	164.1	215.6	108.6	103.7	135.8	78.1	75.5	0.8
Currency and deposits	2.3	2.3	1.1	1.2	0.1	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	34.7	18.2	42.9	73.1	75.7	63.2	42.0	46.2	43.7
Principal arrears	29.9	17.1	39.4	69.3	71.6	60.7	39.4	42.3	41.1
Interest arrears	4.8	1.1	3.6	3.8	4.1	2.5	2.6	4.0	2.6
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	9,868.8	10,641.8	12,207.3	13,346.4	13,522.1	13,557.3	14,318.4	14,207.4	14,319.7
Bonds	4,543.3	4,294.8	5,326.8	5,579.9	5,882.0	5,845.8	6,724.7	6,703.5	6,726.8
Credits	5,120.3	6,068.5	6,608.2	7,495.1	7,525.3	7,606.6	7,462.9	7,381.3	7,488.9
Currency and deposits	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	205.2	267.9	272.3	271.4	114.8	104.8	130.8	122.7	104.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Direct investment	1.8	1.7	183.4	366.8	216.7	3.0	2.7	2.7	2.7
2 Publicly guaranteed private sector	139.9	80.3	9.2	5.4	2.7	4.8	4.8	3.4	3.4
Short-term	11.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	11.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Principal arrears	9.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	128.6	73.2	9.2	5.4	2.7	4.8	4.8	3.4	3.4
Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	128.6	73.2	9.2	5.4	2.7	1.5	1.5	0.3	0.3
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	3.3	3.3	3.0	3.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Direct investment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Non-publicly guaranteed private sector	23,594.3	29,657.1	32,414.6	32,113.7	31,654.8	31,893.1	31,851.0	31,026.0	30,587.6
Short-term	3,763.3	4,564.9	4,180.2	4,436.3	4,878.1	4,876.9	4,637.2	4,439.9	4,287.2
Money market instruments	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Credits	1,356.4	1,641.6	1,268.9	1,340.6	823.1	823.7	914.5	1,010.5	1,049.9
Currency and deposits	1,648.8	2,670.3	2,283.9	2,073.0	3,060.6	2,938.1	2,621.7	2,139.4	1,937.8
Trade credits	31.1	39.5	28.2	30.9	34.2	48.3	49.6	181.3	178.9
Other debt liabilities	727.0	213.5	599.2	991.8	960.0	1,066.8	1,051.5	1,108.6	1,120.5
Principal arrears	645.4	150.2	484.4	824.3	790.3	889.9	878.2	932.5	942.1
Interest arrears	81.7	63.3	114.9	167.5	169.8	176.9	173.3	176.1	178.4
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	15,899.9	19,258.0	20,596.6	19,846.4	20,065.7	20,104.3	20,163.4	19,516.1	19,223.6
Bonds	628.8	585.5	324.4	332.2	432.6	459.8	719.0	766.2	1,303.2
Credits	12,691.4	16,162.4	16,209.2	15,104.9	15,272.1	14,984.3	14,720.7	14,180.1	13,779.4
Currency and deposits	2,493.9	2,455.0	4,042.7	4,384.9	4,314.4	4,614.9	4,681.1	4,525.4	4,099.0
Trade credits	85.8	55.0	20.3	24.3	46.6	45.3	42.6	44.4	42.1



<sup>a</sup> The rise in the external debt of the Republic of Croatia is attributed to the direct investment-related debt which comprises round-tripping transactions. A significant transaction, contributing to the removal of a round tripping component of direct investment, was recorded in December 2010. Nevertheless, the debt is presented in this table under heading Direct investment. <sup>b</sup> The relevant comparable data as at 31 December 2007, reported in the Statistical Survey at the CNB website, should be used for the calculation of the external debt growth rate in 2008. <sup>c</sup> From January 2008 on, the data of non-financial enterprises are estimated on the basis of the data collected from the sample, and the comparable balance as at 31 December 2007 has been calculated by applying the same methodology. <sup>d</sup> The relevant comparable data as at 31 December 2008, reported in the Statistical Survey at the CNB website, should be used for the calculation of the external debt growth rate in 2009. <sup>e</sup> From January 2009 on, the data of non-banking financial institutions and non-financial enterprises are processed with the help of the new reporting system (INOK) which uses market interest rates to calculate the balance and the schedule of interest payments. The comparable balance as at 31 December 2008 has been calculated by applying the same methodology.

in million EUR

[illegible]

	Gross external debt 31/10/2012	Imme- diate	Projected future principal payments												
			Q4/12		Q1/13	Q2/13	Q3/13	2012	2013	2014	2015	2016	2017	2018	Other
			Total <sup>a</sup>	o/w: Accrued interest <sup>a</sup>											
Long-term	7,533.2	0.0	516.5	46.9	332.0	356.5	269.0	516.5	1,524.5	2,039.2	551.8	655.6	1,172.7	158.0	914.9
Bonds	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
Credits	3,433.5	0.0	147.6	13.9	30.8	175.0	87.5	147.6	580.7	940.3	398.5	352.6	910.5	24.7	78.5
Currency and deposits	4,099.0	0.0	368.9	33.0	301.2	181.4	181.4	368.9	943.7	1,098.8	153.3	303.0	261.4	133.3	836.5
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Other sectors	19,676.4	1,163.3	1,709.3	417.5	778.7	1,682.7	631.8	1,709.3	3,989.5	2,149.9	1,498.0	1,665.4	1,645.2	894.8	4,961.0
Short-term	1,871.2	1,163.3	203.3	6.9	141.8	324.1	34.3	203.3	504.6	0.0	0.0	0.0	0.0	0.0	0.0
Money market instruments	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Credits	528.9	0.0	203.3	6.9	141.8	145.2	34.2	203.3	325.6	0.0	0.0	0.0	0.0	0.0	0.0
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	178.9	0.0	0.0	0.0	0.0	178.9	0.0	0.0	178.9	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	1,163.3	1,163.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Principal arrears	982.5	982.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	180.8	180.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	17,805.3	0.0	1,506.0	410.6	636.9	1,358.7	597.5	1,506.0	3,484.9	2,149.9	1,498.0	1,665.4	1,645.2	894.8	4,961.0
Bonds	1,958.3	0.0	46.2	30.4	0.0	0.6	25.5	46.2	39.6	26.7	27.7	498.5	508.5	0.0	811.1
Credits	15,726.9	0.0	1,438.6	379.7	603.3	1,353.1	547.4	1,438.6	3,370.0	2,104.4	1,469.1	1,165.7	1,135.5	893.8	4,149.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	120.0	0.0	21.2	0.5	33.6	5.0	24.6	21.2	75.2	18.8	1.2	1.2	1.2	1.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 Direct investment	7,079.5	226.0	1,596.4	291.7	362.0	737.5	252.8	1,596.4	1,747.7	843.0	358.7	423.6	255.8	130.7	1,497.5
Short-term	1,329.1	226.0	628.1	10.0	96.0	316.0	10.0	628.1	475.0	0.0	0.0	0.0	0.0	0.0	0.0
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	1,103.1	0.0	628.1	10.0	96.0	316.0	10.0	628.1	475.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	226.0	226.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Principal arrears	171.9	171.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	54.2	54.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	5,750.4	0.0	968.3	281.7	265.9	421.5	242.8	968.3	1,272.7	843.0	358.7	423.6	255.8	130.7	1,497.5
Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	5,747.7	0.0	966.7	281.5	265.8	421.4	242.7	966.7	1,272.0	842.6	358.7	423.6	255.8	130.7	1,497.5
Trade credits	2.7	0.0	1.6	0.2	0.1	0.1	0.1	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total (1+2+3+4+5)</b>	<b>45,132.1</b>	<b>1,390.2</b>	<b>5,658.1</b>	<b>898.8</b>	<b>1,914.7</b>	<b>3,081.5</b>	<b>1,549.6</b>	<b>5,658.1</b>	<b>8,517.3</b>	<b>5,783.4</b>	<b>3,459.4</b>	<b>2,955.5</b>	<b>4,394.6</b>	<b>1,641.7</b>	<b>11,331.9</b>
Supplement: Projected interest payments			111.5		219.2	306.0	273.1	111.5	1,105.8	1,081.8	922.2	819.0	664.6	529.0	2,091.5

<sup>a</sup> Projected payments of accrued interest, which are an integral part of the gross external debt, increase the projected principal payments in the first quarter period and, consequently, decrease the interest payments estimated for the same period.

**Table H14 Gross external debt by domestic sectors and projected future payments** • The table shows outstanding gross external debt, projected principal payments and estimated interest payments according to the CNB's midpoint exchange rate at the end of the period. Projected principal payments and estimated interest payments on currency and deposits of non-residents under item Banks are reported in accordance with the available monetary statistics data on original and remaining maturity.

Estimated interest payments do not include interest on repo transactions and hybrid and subordinated instruments, as well as late interest on these instruments (up to March 2010, estimated

interest payments did not also include interest on currency and deposits). Future interest payments of banks are estimated on the basis of contractual interest rates and do not reflect changes of variable interest rates. Future interest payments of other sectors are estimated on the basis of the benchmark interest rate applicable on the reporting date. Projected payments of accrued interest, which are an integral part of the gross external debt, increase the projected principal payments in the first quarter period and, consequently, decrease the interest payments estimated for the same period.

Table H15 Gross external debt by other sectors  
in million EUR

	2007 Dec. <sup>a</sup>	2008 Dec. <sup>b,c</sup>	2009 Dec. <sup>d</sup>	2010 Dec.	2011 Dec.	2012			
						Mar.*	Jun.*	Sep.*	Oct.
1 Other sectors	14,828.3	19,901.0	20,993.8	20,929.2	20,182.0	20,136.3	20,005.5	19,439.2	19,676.4
Short-term	1,478.2	925.3	1,346.7	1,613.5	1,485.5	1,640.6	1,715.1	1,914.7	1,871.2
Money market instruments	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Credits	681.0	652.9	677.7	519.1	415.7	462.4	573.0	579.5	528.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	31.1	39.5	28.2	30.9	34.2	48.3	49.6	181.3	178.9
Other debt liabilities	766.0	232.9	640.9	1,063.5	1,035.5	1,129.9	1,092.4	1,153.9	1,163.3
Principal arrears	683.4	170.4	523.6	892.8	861.8	950.5	916.8	974.0	982.5
Interest arrears	82.6	62.5	117.2	170.7	173.7	179.4	175.6	179.8	180.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	13,350.1	18,975.7	19,647.1	19,315.7	18,696.5	18,495.7	18,290.5	17,524.5	17,805.3
Bonds	1,293.4	1,251.6	1,665.8	1,590.1	1,386.2	1,422.1	1,667.9	1,416.6	1,958.3
Credits	11,766.9	17,401.9	17,688.7	17,437.1	17,178.8	16,948.7	16,473.0	15,966.8	15,726.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	289.8	322.2	292.6	288.4	131.4	124.9	149.6	141.1	120.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1 Other banking institutions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Principal arrears	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2 Non-banking financial institutions	3,922.0	4,949.7	5,396.1	4,633.0	4,068.1	4,045.2	4,084.0	3,784.2	3,788.4
Short-term	201.6	155.4	436.3	109.1	217.3	231.0	327.8	279.7	267.9
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	184.5	144.5	431.8	94.1	209.8	224.1	323.3	269.7	262.8
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	17.1	10.9	4.5	15.0	7.5	6.9	4.5	10.0	5.1
Principal arrears	2.9	4.2	1.3	11.6	3.4	2.9	1.2	5.0	1.3
Interest arrears	14.2	6.7	3.2	3.4	4.1	3.9	3.3	5.0	3.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	3,720.4	4,794.3	4,959.8	4,523.9	3,850.8	3,814.3	3,756.2	3,504.5	3,520.5
Bonds	806.7	791.5	1,014.7	936.4	636.8	640.5	623.6	333.9	336.2
Credits	2,913.7	3,992.3	3,945.1	3,587.5	3,213.9	3,173.8	3,132.7	3,170.6	3,184.3
Currency and deposits	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3 Public enterprises	2,031.6	3,985.5	5,214.0	5,778.2	5,400.3	5,376.9	4,898.8	4,729.2	4,742.5
Short-term	48.3	145.1	77.7	180.8	179.4	199.0	114.1	115.2	42.9
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	35.4	132.4	34.8	108.6	103.7	135.8	72.9	74.7	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	12.9	12.7	42.8	72.2	75.7	63.2	41.2	40.5	42.9

	2007 Dec. <sup>a</sup>	2008 Dec. <sup>b,c</sup>	2009 Dec. <sup>d</sup>	2010 Dec.	2011 Dec.	2012			
						Mar.*	Jun.*	Sep.*	Oct.
Principal arrears	12.5	11.8	39.3	68.6	71.6	60.7	38.7	38.0	40.3
Interest arrears	0.5	0.9	3.6	3.7	4.1	2.5	2.5	2.5	2.5
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	1,983.3	3,840.5	5,136.4	5,597.4	5,220.9	5,178.0	4,784.7	4,613.9	4,699.6
Bonds	330.4	341.3	335.6	330.4	318.7	322.9	326.3	317.3	319.7
Credits	1,470.2	3,254.7	4,528.5	4,995.6	4,787.4	4,750.2	4,327.6	4,174.0	4,275.9
Trade credits	182.7	244.5	272.3	271.4	114.8	104.8	130.8	122.7	104.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4 Mixed enterprises	594.9	741.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Short-term	16.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Money market instruments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	16.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Principal arrears	16.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest arrears	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	578.4	740.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credits	557.1	717.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credits	21.3	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5 Other enterprises	8,113.0	9,958.6	10,103.8	10,303.5	10,495.9	10,499.0	10,808.1	10,706.7	10,931.8
Short-term	1,174.3	619.2	800.4	1,316.7	1,082.9	1,204.7	1,266.7	1,512.5	1,553.1
Money market instruments	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Credits	451.2	373.8	178.7	309.4	96.2	96.5	170.4	227.8	258.7
Trade credits	31.1	39.5	28.2	30.9	34.2	48.3	49.6	181.3	178.9
Other debt liabilities	692.0	205.9	593.5	976.4	952.3	1,059.8	1,046.7	1,103.4	1,115.4
Principal arrears	630.2	151.2	483.0	812.7	786.8	886.9	877.0	931.1	940.8
Interest arrears	61.8	54.7	110.5	163.7	165.5	172.9	169.8	172.3	174.5
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	6,938.8	9,339.3	9,303.5	8,986.8	9,413.0	9,294.4	9,541.4	9,194.3	9,378.7
Bonds	156.3	118.9	315.5	323.4	430.7	458.8	718.0	765.5	1,302.5
Credits	6,701.7	9,168.7	8,968.0	8,646.5	8,965.7	8,815.6	8,804.6	8,410.4	8,060.3
Trade credits	80.8	51.7	20.0	16.9	16.6	20.0	18.8	18.4	16.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6 Non-profit institutions	5.4	3.8	3.6	2.6	4.8	7.2	8.0	8.6	8.7
1.7 Craftsmen and sole traders	24.1	17.1	11.5	7.2	5.2	4.9	4.6	10.9	10.8
1.8 Households	137.2	244.7	264.8	204.7	207.9	203.1	202.0	199.7	194.3

<sup>a</sup> The relevant comparable data as at 31 December 2007, reported in the Statistical Survey at the CNB website, should be used for the calculation of the external debt growth rate in 2008. <sup>b</sup> From January 2008 on, the data of non-financial enterprises are estimated on the basis of the data collected from the sample, and the comparable balance as at 31 December 2007 has been calculated by applying the same methodology. <sup>c</sup> The relevant comparable data as at 31 December 2008, reported in the Statistical Survey at the CNB website, should be used for the calculation of the external debt growth rate in 2009. <sup>d</sup> From January 2009 on, the data of non-banking financial institutions and non-financial enterprises are processed with the help of the new reporting system (INOK) which uses market interest rates to calculate the balance and the schedule of interest payments. The comparable balance as at 31 December 2008 has been calculated by applying the same methodology.

**Table H16 International investment position – summary<sup>a,b</sup>**  
in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>c</sup>
1 International investment position (net)	-40,178.9	-34,975.4	-39,032.3	-41,971.2	-40,245.1	-41,488.9	-40,454.6	-40,986.8
2 Assets	21,644.2	22,508.4	24,444.5	23,416.3	23,230.1	22,270.8	23,135.3	22,066.7
2.1 Direct investment abroad	2,580.3	3,750.4	4,556.3	3,283.5	3,517.7	3,197.8	3,344.8	3,064.5
2.2 Portfolio investment	3,250.9	2,646.0	3,219.2	3,562.3	2,894.4	2,822.8	2,984.5	3,111.4
2.2.1 Equity securities	1,745.5	656.7	804.9	1,255.5	1,213.5	1,324.6	1,309.8	1,238.7
2.2.2 Debt securities	1,505.4	1,989.3	2,414.3	2,306.8	1,680.9	1,498.2	1,674.7	1,872.7
Bonds	1,225.0	1,606.9	1,685.6	1,420.2	1,068.4	896.6	1,138.1	1,312.1
Money market instruments	280.4	382.4	728.7	886.6	612.5	601.6	536.6	560.6
2.3 Financial derivatives	0.0	0.0	24.1	16.5	16.2	85.9	127.5	121.1
2.4 Other investment	6,505.6	6,991.2	6,269.1	5,893.7	5,607.0	4,824.3	5,043.4	4,462.8
2.4.1 Trade credits	248.9	224.7	123.6	80.5	85.7	84.5	83.9	91.4
2.4.2 Loans	296.4	435.9	384.5	480.0	490.0	472.7	487.7	524.7
2.4.3 Currency and deposits	5,960.3	6,330.5	5,760.9	5,333.1	5,031.3	4,267.0	4,471.7	3,846.6
2.4.4 Other assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5 Reserve assets (CNB)	9,307.4	9,120.9	10,375.8	10,660.2	11,194.8	11,340.0	11,635.2	11,307.0
3 Liabilities	61,823.1	57,483.8	63,476.8	65,387.5	63,475.2	63,759.7	63,589.9	63,053.5
3.1 Direct investment in Croatia	30,611.5	22,190.9	25,344.0	26,166.3	23,879.9	23,819.4	23,129.4	23,650.2
3.2 Portfolio investment	6,639.5	5,443.7	6,479.1	7,118.5	7,068.3	7,172.2	8,284.1	8,230.0
3.2.1 Equity securities	1,522.3	613.8	657.6	738.0	595.7	591.8	574.3	574.5
3.2.2 Debt securities	5,117.1	4,829.9	5,821.5	6,380.5	6,472.7	6,580.4	7,709.8	7,655.5
Bonds	5,073.5	4,805.3	5,651.2	5,912.1	6,314.6	6,305.6	7,443.7	7,469.7
Money market instruments	43.7	24.6	170.3	468.3	158.1	274.8	266.1	185.8
3.3 Financial derivatives	–	–	–	197.5	193.6	181.4	149.5	155.8
3.4 Other investment	24,572.1	29,849.2	31,601.6	31,905.2	32,333.3	32,586.7	32,027.0	31,017.5
3.4.1 Trade credits	337.8	367.5	344.4	370.2	217.0	223.9	225.5	314.1
3.4.2 Loans	20,088.8	24,343.4	24,929.1	25,075.4	24,741.0	24,809.6	24,498.5	24,038.5
3.4.3 Currency and deposits	4,145.5	5,138.3	6,328.1	6,459.5	7,375.3	7,553.2	7,303.0	6,665.0
3.4.4 Other assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from December 1998 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Data also include the round tripping which increases direct investment in Croatia and direct investment abroad by the same amount. This type of direct investment was recorded in December 2008 (EUR 825.7m) and August 2009 (EUR 666.5m). Accordingly, they impact the stock of direct investment in Croatia and direct investment abroad from these months onwards. <sup>c</sup> Preliminary data.

**Table H16 International investment position** • This table is made in accordance with the recommendations of the IMF (Balance of Payments Manual, Fifth Edition, 1993). Data sources include: reports from banks, enterprises, the Croatian National Bank, and the Zagreb Stock Exchange (ZSE).

Data on international investments of the Republic of Croatia and international investments into the Republic of Croatia are recorded in euros (EUR) and US dollars (USD). Depending on the sources of data available, the conversion of values from the original currencies into the reporting currencies is performed:

- by applying the current rate of exchange or the average monthly midpoint exchange rate of the Croatian National Bank to transactions;
- by applying the midpoint exchange rate of the Croatian National Bank on the reporting date to balances.

Data on foreign direct and portfolio equity investment are compiled on the basis of market prices, whenever available. Market prices on the last day of the reporting period taken from the Zagreb Stock Exchange are used in the part related to investment in the Republic of Croatia, while in the part related to investment abroad, the reporting units participating in the research on direct and portfolio equity investments are obliged to state the value at market prices of their equity investment abroad. When this is not possible, the book value of total equity held by direct or portfolio investors is used, regardless of whether investments are made in the Republic of Croatia or abroad (the own

funds at book value method).

Portfolio debt investment and other investment are classified according to the following institutional sectors: the Croatian National Bank, government, banks and other sectors. The government sector comprises the central government and funds and local government authorities. The banking sector comprises banks.

Item Portfolio debt investment – Assets and liabilities comprises data on investments of residents into debt securities issued by non-residents (assets) and investments of non-residents into debt securities issued by residents (liabilities). The source of data is the register of foreign credit relations kept by the Croatian National Bank and monetary statistics data.

Data on portfolio equity and debt investment are modified by the data submitted by the Central Depository and Clearing Company and commercial banks providing securities custody services, particularly in the part Assets of other sectors.

Item Other investment – Trade credits – Assets and liabilities comprises foreign claims and foreign liabilities of the said sectors arising from trade credits. The source of data is the register of foreign credit relations kept by the Croatian National Bank.

Item Other investment – Loans – Assets and liabilities comprises data on loans granted and received between residents and non-residents classified according to institutional sectors. The source of data is the register of foreign credit relations kept by the Croatian National Bank.

Item Other investment – Currency and deposits – Assets shows the total liquid foreign currency assets of banks authorised to do business abroad reduced by the amount of foreign currency deposited by banks with the CNB in fulfilment of a part of their reserve requirements. In addition to banks' foreign claims, foreign claims of the government sector are also shown. The sources of data are reports from the government and banks. The Bank for International Settlement quarterly data are used for other sectors.

Item Other investment – Currency and deposits – Liabilities shows the total foreign currency and kuna liabilities of the said sectors abroad arising from current accounts, time and notice deposits, sight deposits and demand deposits. The sources of data for this item are reports from banks.

Item International reserves of the CNB is compiled on the basis of the CNB Accounting Department reports which contain data on their balances and changes.

Table H17 International investment position – direct investment<sup>a</sup>  
in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>b</sup>
<b>Direct investment (net)</b>	<b>-28,031.2</b>	<b>-18,440.6</b>	<b>-20,787.7</b>	<b>-22,882.8</b>	<b>-20,362.2</b>	<b>-20,621.6</b>	<b>-19,784.6</b>	<b>-20,585.7</b>
1 Abroad	2,580.3	3,750.4	4,556.3	3,283.5	3,517.7	3,197.8	3,344.8	3,064.5
1.1 Equity capital and reinvested earnings	2,479.3	3,560.6	4,463.1	3,042.4	3,051.7	2,945.6	3,106.7	2,762.1
1.1.1 Claims	2,479.3	3,560.6	4,463.1	3,042.4	3,051.7	2,945.6	3,106.7	2,762.1
1.1.2 Liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2 Other capital	101.0	189.7	93.2	241.1	466.0	252.1	238.1	302.4
1.1.1 Claims	175.4	220.2	217.0	608.7	641.5	440.3	424.6	484.3
1.2.2 Liabilities	74.4	30.5	123.8	367.6	175.5	188.2	186.4	181.9
1.3 Financial derivatives (net)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 In Croatia	30,611.5	22,190.9	25,344.0	26,166.3	23,879.9	23,819.4	23,129.4	23,650.2
2.1 Equity capital and reinvested earnings	26,777.2	16,409.8	17,699.5	18,404.5	17,178.4	17,286.5	16,465.8	16,963.3
2.1.1 Claims	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.2 Liabilities	26,777.2	16,409.8	17,699.5	18,404.5	17,178.4	17,286.5	16,465.8	16,963.3
2.2 Other capital	3,834.3	5,781.1	7,644.5	7,761.9	6,701.6	6,532.9	6,663.6	6,686.9
2.2.1 Claims	24.2	24.3	52.9	68.3	50.7	37.2	39.8	39.1
2.2.2 Liabilities	3,858.5	5,805.4	7,697.4	7,830.2	6,752.3	6,570.0	6,703.3	6,725.9
2.3 Financial derivatives (net)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>a</sup> Data also include the round tripping which increases direct investment in Croatia and direct investment abroad by the same amount. This type of direct investment was recorded in December 2008 (EUR 825.7m) and August 2009 (EUR 666.5m). Accordingly, they impact the stock of direct investment in Croatia and direct investment abroad from these months onwards. <sup>b</sup> Preliminary data.

Table H18 International investment position – portfolio investment<sup>a</sup>  
in million EUR

	2007	2008	2009	2010	2011	2011		
						Q1	Q2	Q3 <sup>b</sup>
<b>Portfolio investment (net)</b>	<b>-3,388.6</b>	<b>-2,797.7</b>	<b>-3,259.9</b>	<b>-3,556.1</b>	<b>-4,173.9</b>	<b>-4,349.4</b>	<b>-5,299.6</b>	<b>-5,118.6</b>
1 Assets	3,250.9	2,646.0	3,219.2	3,562.3	2,894.4	2,822.8	2,984.5	3,111.4
1.1 Equity securities	1,745.5	656.7	804.9	1,255.5	1,213.5	1,324.6	1,309.8	1,238.7
1.1.1 Banks	8.3	11.6	13.7	11.1	15.6	16.8	11.3	8.6
1.1.2 Other sectors	1,737.2	645.1	791.2	1,244.5	1,197.9	1,307.8	1,298.5	1,230.1
1.2 Debt securities	1,505.4	1,989.3	2,414.3	2,306.8	1,680.9	1,498.2	1,674.7	1,872.7
2 Liabilities	6,639.5	5,443.7	6,479.1	7,118.5	7,068.3	7,172.2	8,284.1	8,230.0
2.1 Equity securities	1,522.3	613.8	657.6	738.0	595.7	591.8	574.3	574.5
2.1.1 Banks	164.7	66.5	62.4	56.8	44.6	46.5	39.3	34.7
2.1.2 Other sectors	1,357.6	547.3	595.2	681.2	551.0	545.3	535.1	539.8
2.2 Debt securities	5,117.1	4,829.9	5,821.5	6,380.5	6,472.7	6,580.4	7,709.8	7,655.5
2.2.1 Bonds	5,073.5	4,805.3	5,651.2	5,912.1	6,314.6	6,305.6	7,443.7	7,469.7
2.2.1.1 General government	3,406.2	3,162.1	3,976.4	4,313.1	4,926.5	4,882.5	5,774.8	6,052.3
2.2.1.2 Banks	459.0	456.8	9.0	8.9	1.9	1.0	1.0	0.7
2.2.1.3 Other sectors	1,208.3	1,186.4	1,665.8	1,590.1	1,386.2	1,422.1	1,667.9	1,416.6
2.2.2 Money market instruments	43.7	24.6	170.3	468.3	158.1	274.8	266.1	185.8
2.2.2.1 General government	43.7	24.6	170.3	468.3	157.9	274.8	266.0	185.8
2.2.2.2 Other sectors	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from December 1998 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Preliminary data.

Table H19 International investment position – other investment<sup>a</sup>  
in million EUR

	2007	2008	2009	2010	2011	2012		
						Q1	Q2	Q3 <sup>b</sup>
Other investment (net)	-18,066.5	-22,858.0	-25,332.5	-26,011.5	-26,726.3	-27,762.4	-26,983.6	-26,554.8
1 Assets	6,505.6	6,991.2	6,269.1	5,893.7	5,607.0	4,824.3	5,043.4	4,462.8
1.1 Trade credits	248.9	224.7	123.6	80.5	85.7	84.5	83.9	91.4
1.1.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.2 Other sectors	248.9	224.7	123.6	80.5	85.7	84.5	83.9	91.4
Long-term	228.8	202.6	96.3	61.4	58.3	56.6	56.5	56.0
Short-term	20.1	22.1	27.3	19.2	27.4	27.9	27.4	35.4
1.2 Loans	296.4	435.9	384.5	480.0	490.0	472.7	487.7	524.7
1.2.1 Croatian National Bank	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Long-term	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1.2.2 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2.3 Banks	214.8	285.3	270.1	340.4	344.7	316.2	326.0	365.5
Long-term	160.0	193.6	233.7	286.3	310.1	272.5	266.7	265.7
Short-term	54.8	91.7	36.5	54.2	34.6	43.7	59.3	99.8
1.2.4 Other sectors	81.1	150.0	113.8	139.0	144.6	155.9	161.1	158.6
Long-term	81.0	146.8	113.6	101.3	140.0	139.0	150.8	146.0
Short-term	0.1	3.3	0.2	37.7	4.6	17.0	10.3	12.6
1.3 Currency and deposits	5,960.3	6,330.5	5,760.9	5,333.1	5,031.3	4,267.0	4,471.7	3,846.6
1.3.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3.2 Banks	4,715.1	4,863.6	4,442.9	4,060.1	3,565.6	2,845.6	2,955.7	3,829.6
1.3.3 Other sectors	1,245.2	1,466.9	1,318.0	1,273.0	1,465.7	1,421.5	1,516.0	17.0
1.4 Other assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Liabilities	24,572.1	29,849.2	31,601.6	31,905.2	32,333.3	32,586.7	32,027.0	31,017.5
2.1 Trade credits	337.8	367.5	344.4	370.2	217.0	223.9	225.5	314.1
2.1.1 General government	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.2 Other sectors	336.6	366.7	344.4	370.2	217.0	223.9	225.5	314.1
Long-term	305.5	327.2	316.2	339.3	182.8	175.6	175.9	162.2
Short-term	31.1	39.5	28.2	30.9	34.2	48.3	49.6	151.8
2.2 Loans	20,088.8	24,343.4	24,929.1	25,075.4	24,741.0	24,809.6	24,498.5	24,038.5
2.2.1 Croatian National Bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
o/w: IMF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.2 General government	2,613.7	1,574.6	1,592.7	1,820.8	1,911.6	1,973.9	2,185.0	2,161.8
Long-term	2,613.7	1,542.9	1,592.7	1,820.8	1,911.6	1,973.9	2,179.9	2,161.1
Short-term	0.0	31.7	0.0	0.0	0.0	0.0	5.2	0.8
2.2.3 Banks	4,276.8	4,496.7	4,352.8	4,285.8	4,250.8	4,195.5	3,974.5	3,969.4
Long-term	3,565.2	3,374.7	3,545.3	3,355.7	3,739.7	3,695.4	3,557.1	3,460.6
Short-term	711.7	1,122.0	807.5	930.1	511.1	500.0	417.4	508.8
2.2.4 Other sectors	13,198.2	18,272.0	18,983.6	18,968.9	18,578.6	18,640.3	18,339.0	17,907.3
Long-term	12,371.2	17,589.5	18,244.9	18,360.2	18,064.1	18,063.5	17,568.9	17,135.3
Short-term	827.1	682.5	738.7	608.6	514.5	576.8	770.0	772.0
2.3 Currency and deposits	4,145.5	5,138.3	6,328.1	6,459.5	7,375.3	7,553.2	7,303.0	6,665.0
2.3.1 Croatian National Bank	2.3	2.3	1.1	1.2	0.1	0.0	0.0	0.0
2.3.2 Banks	4,143.2	5,125.5	6,327.0	6,458.4	7,375.3	7,553.2	7,303.0	6,665.0
2.3.3 Other sectors	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0
2.4 Other liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions. The reclassification covers the entire statistical series (from December 1998 onwards). Moreover, as from the same number of the Bulletin, CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards. <sup>b</sup> Preliminary data.



Table I1 Consolidated central government according to the government level<sup>a</sup>  
in million HRK

	2007	2008	2009	2010	2011	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
1 REVENUE (A+B)	113,386.2	120,036.7	114,086.9	110,831.6	110,406.1	8,946.5	8,788.7	8,744.2	10,610.5	9,643.5
A) Budgetary central government	108,297.0	115,766.5	110,251.2	107,457.6	107,067.2	8,703.8	8,576.2	8,456.5	10,240.7	9,319.5
B) Extrabudgetary users	5,089.2	4,270.2	3,835.7	3,374.0	3,338.9	242.6	212.5	287.7	369.8	324.0
1 Croatian Pension Insurance Administration	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Croatian Institute for Health Insurance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Croatian Employment Service	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Croatian Waters	2,041.2	2,105.0	1,954.3	1,690.7	1,594.3	126.6	116.1	151.0	161.1	155.8
5 Fund for Environmental Protection and Energy Efficiency	1,102.9	1,221.2	1,168.6	1,040.7	1,091.3	106.1	72.6	111.6	85.9	137.6
6 Croatian Motorways Ltd.	1,375.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 Croatian Roads Ltd.	119.9	81.0	112.8	86.2	57.5	1.9	3.7	3.9	4.5	3.9
8 State Agency for Deposit Insurance and Bank Rehabilitation	391.4	808.3	566.5	529.6	552.8	3.5	15.9	18.4	114.2	21.5
9 Agency for Management of the Public Property <sup>b</sup>	58.3	54.7	33.5	26.7	43.0	4.6	4.2	2.8	4.1	5.3
2 EXPENSE (A+B)	109,075.0	118,686.0	120,553.9	122,584.0	122,427.7	11,253.4	9,567.1	9,895.8	9,843.6	9,304.2
A) Budgetary central government	103,004.9	113,309.5	116,255.2	118,312.3	118,224.1	11,039.8	9,210.4	9,495.6	9,402.2	8,983.2
B) Extrabudgetary users	6,070.1	5,376.5	4,298.7	4,271.7	4,203.6	213.5	356.6	400.2	441.4	321.0
1 Croatian Pension Insurance Administration	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Croatian Institute for Health Insurance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Croatian Employment Service	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Croatian Waters	2,099.0	2,335.4	1,742.1	1,771.2	1,458.2	28.3	164.8	158.7	139.6	160.7
5 Fund for Environmental Protection and Energy Efficiency	1,083.3	1,106.7	1,159.1	1,003.6	914.8	80.9	71.1	127.5	94.4	72.0
6 Croatian Motorways Ltd.	1,509.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 Croatian Roads Ltd.	1,241.9	1,592.6	1,048.5	1,405.9	1,320.9	88.7	111.2	105.2	198.4	75.9
8 State Agency for Deposit Insurance and Bank Rehabilitation	47.8	254.7	267.2	17.0	408.9	7.1	2.3	1.7	1.0	3.0
9 Agency for Management of the Public Property <sup>b</sup>	88.2	87.0	81.8	74.0	100.8	8.7	7.2	7.1	7.9	9.3
NET/GROSS OPERATING BALANCE (1–2)	4,311.2	1,350.7	–6,467.0	–11,752.5	–12,021.6	–2,306.9	–778.4	–1,151.6	766.9	339.2
3 CHANGE IN NET WORTH: TRANSACTIONS (3.1+3.2–3.3)	4,311.2	1,350.7	–6,467.0	–11,752.5	–12,021.6	–2,306.9	–778.4	–1,151.6	766.9	339.2
3.1 CHANGE IN NET ACQUISITION OF NON-FINANCIAL ASSETS	7,811.0	4,228.2	3,601.1	2,679.3	3,372.5	93.0	151.3	233.4	359.2	362.1
Acquisition	8,378.6	4,713.2	3,926.8	3,005.8	3,751.9	124.6	169.2	258.0	384.2	388.6
A) Budgetary central government	3,043.9	3,291.5	2,267.4	1,550.7	1,486.0	47.4	64.2	75.3	112.5	126.4
B) Extrabudgetary users	5,334.7	1,421.7	1,659.4	1,455.1	2,265.9	77.2	105.0	182.7	271.8	262.2
Disposals	567.7	485.0	325.7	326.5	379.4	31.6	18.0	24.6	25.0	26.4
A) Budgetary central government	498.7	303.4	304.0	318.3	347.0	29.2	17.4	24.2	23.2	19.9
B) Extrabudgetary users	69.0	181.6	21.7	8.2	32.4	2.5	0.6	0.3	1.8	6.5
NET LENDING/BORROWING (1–2–3.1)	–3,499.8	–2,877.5	–10,068.2	–14,431.8	–15,394.1	–2,399.9	–929.6	–1,385.0	407.7	–22.9
TRANSACTIONS IN FINANCIAL ASSETS AND LIABILITIES (FINANCING) (3.3–3.2)	3,499.8	2,877.5	10,068.2	14,431.8	15,394.1	2,399.9	929.6	1,385.0	–407.7	22.9
3.2 CHANGE IN NET ACQUISITION OF FINANCIAL ASSETS	–2,939.2	2,776.6	7,363.9	2,816.6	–353.9	–2,091.8	–4,024.2	–2,176.4	1,339.3	97.9
3.2.1 Domestic	–2,957.2	2,764.1	7,361.5	2,816.2	–359.2	–2,092.7	–4,024.2	–2,176.4	1,339.3	97.5
A) Budgetary central government	–3,752.8	1,690.5	6,823.2	1,942.7	–818.0	–2,215.1	–4,056.4	–2,085.9	1,035.2	125.8
B) Extrabudgetary users	795.6	1,073.6	538.3	873.5	458.8	122.4	32.2	–90.5	304.2	–28.3
3.2.2 Foreign	18.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A) Budgetary central government	18.0	12.4	2.3	0.4	5.3	1.0	0.0	0.0	0.0	0.4
B) Extrabudgetary users	0.0	0.0	2.3	0.4	5.3	1.0	0.0	0.0	0.0	0.4
3.2.3 Monetary gold and SDRs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	2007	2008	2009	2010	2011	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
<b>3.3 CHANGE IN NET INCURRENCE OF LIABILITIES</b>	560.6	5,654.1	17,432.0	17,248.4	15,040.2	308.1	-3,094.6	-791.4	931.7	120.7
3.3.1 Domestic	2,017.1	6,795.7	10,130.2	12,892.5	6,448.4	315.3	-2,911.3	-736.3	689.6	199.6
A) Budgetary central government	1,477.6	5,656.6	9,576.6	11,835.1	4,793.1	303.2	-3,070.1	-752.5	205.7	117.5
B) Extrabudgetary users	539.5	1,139.1	553.6	1,057.4	1,655.3	12.2	158.7	16.2	483.9	82.1
3.3.2 Foreign	-1,456.5	-1,141.7	7,301.8	4,355.9	8,591.8	-7.2	-183.2	-55.1	242.1	-78.9
A) Budgetary central government	-2,980.2	-1,445.8	6,878.4	4,277.0	8,597.2	4.8	-146.1	-42.8	254.1	-78.3
B) Extrabudgetary users	1,523.7	304.1	423.4	79.0	-5.4	-12.1	-37.1	-12.3	-12.0	-0.5

<sup>a</sup> CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards.

<sup>b</sup> The Croatian Privatisation Fund (CPF) ceased to operate on 31 March 2011. The Agency for Management of the Public Property (AUDIO) started to operate on 1 April 2011 and is composed of the CPF and the Central State Administrative Office for State Property Management (the former budget user). The Notes on Methodology can be found in the Ministry of Finance Monthly Statistical Review. Note: On a cash basis.

Source: MoF.

**Table I2 Budgetary central government operations<sup>a</sup>**  
in million HRK

	2007	2008	2009	2010	2011	2012				
						Mar.	Jun.	Sep.	Oct.	Nov.
<b>1 REVENUE</b>	<b>108,320.6</b>	<b>115,772.7</b>	<b>110,257.9</b>	<b>107,466.4</b>	<b>107,069.7</b>	<b>8,703.8</b>	<b>8,576.2</b>	<b>8,456.5</b>	<b>10,240.7</b>	<b>9,319.5</b>
1.1 Taxes	64,234.5	69,572.7	63,678.9	62,856.6	61,422.2	4,593.9	4,942.9	4,907.1	6,600.7	5,388.9
1.2 Social contributions	37,203.5	40,703.5	39,994.7	38,712.4	38,605.1	3,144.5	3,123.4	3,072.7	3,051.9	3,073.6
1.3 Grants	428.0	468.6	616.3	637.1	869.0	56.9	73.7	61.9	109.2	95.9
1.4 Other revenue	6,454.5	5,027.8	5,968.0	5,260.3	6,173.4	908.6	436.2	414.8	478.8	761.1
<b>2 EXPENSE</b>	<b>108,007.6</b>	<b>115,292.4</b>	<b>117,924.0</b>	<b>120,323.3</b>	<b>119,939.5</b>	<b>11,188.4</b>	<b>9,341.2</b>	<b>9,670.5</b>	<b>9,565.4</b>	<b>9,118.3</b>
2.1 Compensation of employees	27,545.1	29,948.5	31,289.3	31,096.5	31,737.4	2,602.6	2,608.8	2,587.2	2,557.5	2,511.4
2.2 Use of goods and services	7,162.4	8,113.7	7,363.8	7,655.7	7,943.6	710.9	579.8	437.4	732.1	553.5
2.3 Consumption of fixed capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4 Interest	4,535.0	4,683.2	5,225.2	6,236.5	7,097.6	1,291.0	343.3	1,269.0	354.9	606.4
2.5 Subsidies	6,492.0	6,859.5	6,710.0	6,582.2	6,555.3	790.2	318.7	176.9	298.2	359.0
2.6 Grants	8,363.2	5,783.1	5,559.6	5,778.6	5,083.7	484.3	336.6	356.1	438.9	317.6
2.7 Social benefits	48,176.0	52,593.2	56,148.5	56,906.6	56,483.0	4,798.1	4,729.7	4,548.7	4,722.8	4,466.3
2.8 Other expense	5,733.9	7,311.2	5,627.6	6,067.3	5,039.1	511.2	424.2	295.1	461.0	304.0
<b>3 CHANGE IN NET WORTH: TRANSACTIONS</b>	<b>313.0</b>	<b>480.2</b>	<b>-7,666.0</b>	<b>-12,857.0</b>	<b>-12,869.8</b>	<b>-2,484.5</b>	<b>-765.0</b>	<b>-1,214.0</b>	<b>675.3</b>	<b>201.2</b>
3.1 Change in net acquisition of non-financial assets	2,545.2	2,988.1	1,963.4	1,232.4	1,139.0	18.2	46.8	51.0	89.2	106.5
3.1.1 Fixed assets	2,625.7	2,719.5	1,839.7	1,200.4	1,118.7	18.6	38.6	51.9	87.9	91.5
3.1.2 Inventories	-161.4	79.4	35.4	11.0	2.5	0.0	3.4	-3.8	0.0	13.8
3.1.3 Valuables	9.6	10.1	8.9	6.1	3.7	0.0	1.3	0.5	0.0	0.1
3.1.4 Non-produced assets	71.3	179.1	79.3	14.9	14.0	-0.4	3.5	2.4	1.3	1.0
3.2 Change in net acquisition of financial assets	-3,734.8	1,702.9	6,825.5	2,022.7	-618.4	-2,194.8	-4,028.0	-2,060.4	1,045.9	133.9
3.2.1 Domestic	-3,752.8	1,690.5	6,823.2	2,022.3	-623.8	-2,195.7	-4,028.0	-2,060.4	1,045.9	133.6
3.2.2 Foreign	18.0	12.4	2.3	0.4	5.3	1.0	0.0	0.0	0.0	0.4
3.2.3 Monetary gold and SDRs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3 Change in net incurrence of liabilities	-1,502.6	4,210.8	16,455.0	16,112.0	13,390.4	308.0	-3,216.2	-795.4	459.8	39.2
3.3.1 Domestic	1,477.6	5,656.6	9,576.6	11,835.1	4,793.1	303.2	-3,070.1	-752.5	205.7	117.5
3.3.2 Foreign	-2,980.2	-1,445.8	6,878.4	4,277.0	8,597.2	4.8	-146.1	-42.8	254.1	-78.3

<sup>a</sup> CM is reclassified from the subsector central government funds to the subsector public enterprises. The reclassification covers the statistical series from January 2008 onwards.

The Notes on Methodology can be found in the Ministry of Finance Monthly Statistical Review. Note: On a cash basis.

Source: MoF.

Table I3 Central government debt<sup>a</sup>

end of period, in million HRK

	2007 Dec.*	2008 Dec.	2009 Dec.	2010 Dec.	2011 Dec.	2012			
						Mar.	Jun.*	Sep.*	Oct.
<b>1 Domestic debt of central government</b>	<b>58,281.8</b>	<b>64,041.1</b>	<b>74,241.4</b>	<b>87,556.8</b>	<b>101,512.3</b>	<b>108,018.3</b>	<b>108,879.3</b>	<b>109,364.9</b>	<b>111,519.0</b>
1.1 Domestic debt of the Republic of Croatia	51,924.0	61,006.1	70,447.0	82,952.1	95,720.8	102,217.1	102,943.9	103,536.6	105,135.7
Treasury bills	11,420.6	14,260.3	17,558.3	16,886.5	18,990.4	18,079.3	18,218.9	17,009.4	18,196.7
Money market instruments	–	10.7	19.3	20.5	20.6	326.2	288.7	290.0	294.2
Bonds	34,634.4	35,531.3	36,586.8	48,862.5	56,191.2	61,722.2	60,935.8	63,066.4	63,568.8
Credits from the CNB	1.0	2.2	2.9	0.3	0.8	–	–	–	–
Credits from banks	5,867.9	11,201.5	16,279.8	17,182.3	20,517.7	22,089.4	23,500.6	23,170.8	23,075.9
1.2 Domestic debt of central government funds	6,357.8	3,035.0	3,794.4	4,604.7	5,791.5	5,801.2	5,935.4	5,828.3	6,383.3
Money market instruments	–	–	–	–	–	–	–	–	–
Bonds	–	–	–	–	–	–	–	–	–
Credits from banks	6,357.8	3,035.0	3,794.4	4,604.7	5,791.5	5,801.2	5,935.4	5,828.3	6,383.3
<b>2 External debt of central government</b>	<b>44,092.3</b>	<b>34,445.5</b>	<b>41,527.8</b>	<b>48,433.6</b>	<b>52,457.4</b>	<b>53,334.8</b>	<b>61,579.4</b>	<b>62,410.5</b>	<b>62,985.2</b>
2.1 External debt of the Republic of Croatia	34,091.6	32,619.4	39,812.5	46,445.4	50,365.2	50,923.6	59,216.2	60,095.2	60,658.8
Money market instruments	320.0	180.3	1,244.3	3,458.6	1,189.2	2,062.7	1,997.9	1,383.9	1,312.4
Bonds	24,844.4	22,991.6	28,884.2	31,684.5	36,962.4	36,517.9	43,234.6	44,956.0	45,597.9
Credits	8,927.3	9,447.4	9,684.1	11,302.3	12,213.6	12,342.9	13,983.7	13,755.3	13,748.4
2.2 External debt of central government funds	10,000.7	1,826.1	1,715.3	1,988.2	2,092.2	2,411.1	2,363.2	2,315.2	2,326.5
Money market instruments	–	–	–	–	–	–	–	–	–
Bonds	–	–	–	–	–	–	–	–	–
Credits	10,000.7	1,826.1	1,715.3	1,988.2	2,092.2	2,411.1	2,363.2	2,315.2	2,326.5
<b>3 Total (1+2)</b>	<b>102,374.2</b>	<b>98,486.6</b>	<b>115,769.2</b>	<b>135,990.4</b>	<b>153,969.6</b>	<b>161,353.1</b>	<b>170,458.6</b>	<b>171,775.3</b>	<b>174,504.2</b>
Supplement: Central government guaranteed debt									
– guarantees for domestic debt	8,110.6	13,299.2	15,692.5	20,052.8	22,149.3	22,030.9	20,097.0	19,704.0	19,834.6
– guarantees for external debt	18,925.2	31,371.9	35,275.2	39,333.9	37,720.6	37,838.4	36,479.1	34,778.9	35,326.2

<sup>a</sup> As from Bulletin No. 146 the CBRD is reclassified from the subsector central government funds to the subsector non-banking financial institutions and CM is reclassified from the subsector central government funds to the subsector public enterprises. The debt of the CBRD, presented in this table under headings 2 External debt of central government and 1 Domestic debt of central government, is reclassified from December 1998 and June 1999 onwards respectively, and the debt of CM is reclassified from January 2008 onwards.

**Table I3 Central government debt** • As from Bulletin No. 154 the table contains the revised data.

The central government debt comprises the domestic and external debt.

The domestic debt of the central government is compiled from the MoF data on T-bills and bonds and the CNB data on money market instruments, credits from banks and credits from the CNB.

The stock of T-bills includes MoF T-bills denominated in kuna, eurobills and T-bills indexed to the euro with a maturity of up to one year. The stock of eurobills includes accrued interest. The difference between the nominal value and the issue value of T-bills denominated in kuna and of T-bills indexed to the euro is the accrued interest which is distributed over the life of instruments using the simple interest calculation method (i.e. in a linear manner) and the method of calculating the number of days where the actual number of days is divided by 360.

The stock of bonds includes central government bonds issued in the domestic market, MoF T-bills with a maturity of over one year and a share of total central government bonds issued in the foreign market which is held by resident institutional units at the end of the reporting period. From December 2005 on, central government bonds and MoF T-bills issued in the domestic market and held by non-resident institutional units have

been included in the external debt of the central government. The difference between the nominal value and the issue value of T-bills with a maturity of over one year is the accrued interest which is distributed over the life of instruments using the compound interest calculation method. The stock of central government bonds includes accrued interest.

From January 2004 onwards, the stock of credits from banks includes both outstanding principal and accrued interest.

The external debt statistics compiled by the CNB is the source of data on the central government external debt.

The supplement contains the data on the central government guaranteed debt. Bank statistical reports and statistical reports of other financial institutions are the source of data on domestic debt guarantees, while the external debt statistics compiled by the CNB is the source of data on external debt guarantees.

Irrespective of the notes under the heading “Classification and presentation of data on claims and liabilities”, the debt of the Croatian Roads, the Croatian Motorways and the State Agency for Deposit Insurance and Bank Rehabilitation, presented in this table under headings 2 External debt of central government and 1 Domestic debt of central government, has been reclassified from the subsector Republic of Croatia to the subsector central government funds from December 1998 and December 2002 onwards respectively.

## J Non-financial statistics – selected data

Table J1 Consumer price and producer price indices

Year	Month	Basic indices, 2005 = 100			Chain indices				Monthly year-on-year indices			
		Consumer price indices			Consumer price indices <sup>a</sup>			Producer prices	Consumer price indices <sup>b</sup>			Producer prices
		Total	Goods	Services	Total	Goods	Services		Total	Goods	Services	
1998	December	82.1	84.6	73.7	100.3	100.4	100.0	100.0	105.4	104.3	109.2	97.9
1999	December	85.3	87.2	78.5	100.6	100.8	100.0	100.3	103.9	103.1	106.5	105.9
2000	December	90.0	92.0	82.8	100.4	100.4	100.1	100.2	105.5	105.5	105.5	111.2
2001	December	92.1	93.2	88.5	100.4	100.4	100.5	99.0	102.4	101.3	106.8	96.9
2002	December	93.8	94.2	92.6	100.4	100.6	99.6	99.9	101.8	101.1	104.6	102.3
2003	December	95.4	95.7	94.6	100.3	100.2	100.5	100.0	101.7	101.6	102.2	101.0
2004	December	98.0	98.0	98.0	100.7	100.9	100.2	99.3	102.7	102.5	103.6	104.8
2005	December	101.6	101.4	102.0	100.5	100.5	100.5	99.7	103.6	103.5	104.1	102.7
2006	December	103.7	102.8	106.4	100.0	100.0	100.2	100.0	102.0	101.4	104.2	101.9
2007	December	109.7	109.5	110.0	101.2	101.2	101.3	100.4	105.8	106.6	103.4	105.9
2008	December	112.8	112.2	114.7	99.4	99.1	100.5	98.7	102.9	102.4	104.3	104.3
2009	December	114.9	114.5	117.3	99.4	99.3	100.2	100.0	101.9	101.3	103.9	101.6
2010	December	117.1	117.1	117.6	100.0	100.1	99.9	101.0	101.8	102.2	100.3	105.7
2011	December	119.5	120.6	116.4	99.6	99.6	99.6	99.8	102.1	103.0	98.9	105.8
2012	January	119.1	120.0	116.3	99.6	99.5	99.9	100.9	101.2	101.8	98.7	105.9
	February	119.8	120.9	116.4	100.6	100.7	100.1	102.0	101.3	102.0	98.6	106.3
	March	121.6	122.8	117.8	101.5	101.6	101.2	100.6	102.0	102.6	99.9	106.2
	April	122.6	124.0	118.0	100.8	101.0	100.2	100.6	102.6	103.3	99.9	106.2
	May	124.6	126.5	118.7	101.7	102.0	100.6	101.5	103.9	104.9	100.7	107.2
	June	123.9	125.3	119.4	99.4	99.1	100.6	99.6	103.8	104.7	100.5	107.0
	July	122.7	123.6	119.8	99.0	98.7	100.3	100.1	103.4	104.2	100.0	106.9
	August	123.3	124.4	119.9	100.5	100.6	100.1	101.5	104.0	104.9	100.5	107.8
	September	125.0	126.8	119.2	101.4	101.9	99.4	101.0	105.0	105.9	101.6	108.9
	October	125.6	127.4	119.6	100.4	100.5	100.3	100.1	104.8	105.6	102.2	108.4
	November	125.3	127.3	119.1	99.8	99.9	99.6	98.8	104.4	105.1	101.8	106.6
	December	125.1	127.2	118.7	99.9	99.9	99.7	100.0	104.7	105.5	102.0	106.9

<sup>a</sup> Data from January 1992 to December 1997 relate to the retail price index. <sup>b</sup> Data from January 1992 to December 1998 relate to the retail price index.

Source: CBS.

**Table J1 Consumer price and producer price indices** • The Central Bureau of Statistics (CBS) introduced the consumer price index (CPI) in early 2004. This indicator of price movements was compiled in accordance with the methodological principles laid down by the ILO and Eurostat. In its First Release, issued on 17 February 2004, the CBS published the data on movements in the CPI in January 2004 and the time series for the CPI as of January 2001. The CBS subsequently constructed the time series for the consumer price index encompassing the period from January 1998 to December 2000. As expected following the introduction of the new index, the CBS ceased to publish the retail price index (RPI) and the cost of living index, whose calculation methodologies have not been adequately harmonised with internationally accepted standards. The main features of the CPI are

described in the CNB Bulletin No. 91 (see Box 1). The data on the average year-on-year consumer price inflation rate are shown in the Bulletin table on Economic indicators.

**Table J2 Core consumer price indices** • The core consumer price index is calculated by the Central Bureau of Statistics (CBS) in the manner that agricultural products prices and administrative prices (which among others include the prices of electricity and refined petroleum products) are excluded from the basket of goods and services used in the calculation of the total index. These two groups of products account for a total of 29.3% in the basket in 2011 (agricultural products 6.1 percentage points, and administrative products 23.2 percentage points) and are assigned a zero weight.

Table J2 Core consumer price indices

Year	Month	Basic indices, 2005 = 100			Chain indices			Year-on-year indices		
		Total	Goods	Services	Total	Goods	Services	Total	Goods	Services
1998	December	87.3	88.6	80.0	99.9	99.9	100.0	....	....	....
1999	December	89.8	91.1	82.3	100.1	100.1	100.1	102.9	102.9	103.0
2000	December	92.8	93.9	86.5	100.4	100.4	100.2	103.3	103.0	105.0
2001	December	93.9	94.6	89.8	99.8	99.7	100.3	101.2	100.8	103.8
2002	December	95.0	95.6	91.9	100.0	100.1	99.4	101.2	101.0	102.4
2003	December	96.2	96.4	94.7	100.2	100.1	101.0	101.2	100.9	103.0
2004	December	98.4	98.5	97.4	100.1	100.1	100.4	102.3	102.2	102.9
2005	December	101.3	101.4	101.0	100.1	100.0	100.5	103.0	102.9	103.7
2006	December	103.6	103.6	103.6	99.8	99.7	100.3	102.3	102.2	102.5
2007	December	108.8	109.1	107.2	100.8	100.8	100.4	105.0	105.3	103.5
2008	December	113.3	113.5	112.5	99.4	99.3	100.2	104.2	104.0	105.0
2009	December	113.6	113.3	115.2	98.8	98.6	100.2	100.2	99.8	102.4
2010	December	113.7	113.4	114.9	99.1	99.0	99.7	100.1	100.1	99.8
2011	December	117.0	117.2	116.1	99.5	99.4	100.1	102.9	103.3	101.1
2012	January	115.9	115.8	116.2	99.1	98.8	100.1	102.0	102.2	100.9
	February	115.6	115.4	116.4	99.7	99.7	100.2	101.3	101.4	100.8
	March	116.9	116.8	117.2	101.1	101.2	100.7	101.6	101.6	101.6
	April	118.0	118.1	117.6	101.0	101.1	100.3	102.3	102.4	101.8
	May	118.7	118.7	118.7	100.6	100.5	100.9	102.1	102.1	102.0
	June	118.5	118.2	119.5	99.8	99.6	100.7	102.0	102.0	101.5
	July	117.5	116.9	120.3	99.2	98.8	100.7	101.5	101.6	100.4
	August	117.3	116.6	120.6	99.8	99.8	100.2	101.5	101.6	100.4
	September	118.6	118.3	119.6	101.0	101.5	99.2	101.9	101.8	102.2
	October	120.0	119.9	120.3	101.2	101.3	100.6	102.3	102.1	103.5
	November	120.2	120.3	119.4	100.1	100.3	99.2	102.2	102.0	102.9
	December	119.4	119.4	119.4	99.4	99.2	100.0	102.0	101.9	102.8

Source: CBS.

Table J3 Average monthly net wages  
in current prices, in kuna

Year	Month	Nominal amount in kuna	Chain indices	Monthly year-on-year indices	Cumulative year-on-year indices
1998	December	2,935.0	104.6	115.4	112.8
1999	December	3,262.0	100.9	111.2	114.0
2000	December	3,499.0	99.9	107.3	108.9
2001	December	3,582.0	96.6	102.4	106.5
2002	December	3,839.0	98.0	107.2	105.0
2003	December	4,045.0	99.8	105.4	105.9
2004	December	4,312.0	99.1	106.6	105.9
2005	December	4,473.0	97.3	103.7	104.9
2006	December	4,735.0	97.0	105.9	105.2
2007	December	4,958.0	96.6	104.7	105.2
2008	December	5,410.0	100.3	109.1	107.0
2009	December	5,362.0	99.6	99.1	102.6
2010	December	5,450.0	97.6	101.7	100.6
2011	December	5,493.0	95.9	100.8	101.8
2012	March	5,499.0	102.5	100.3	101.6
	April	5,403.0	98.3	100.1	101.3
	May	5,529.0	102.3	101.9	101.4
	June	5,492.0	99.3	99.9	101.1
	July	5,424.0	98.8	101.1	101.1
	August	5,541.0	102.2	100.5	101.0
	September	5,366.0	96.8	99.4	100.9
	October	5,487.0	102.3	101.5	100.9

Source: CBS.

Table J4 Consumer confidence index, consumer expectations index and consumer sentiment index  
index points, original data

Year	Month	Composite indices		Consumer sentiment index	Response indices (I)						
		Consumer confidence index	Consumer expectations index		I1	I2	I3	I4	I7	I8	I11
1999	October	-33.7	-14.9	-46.3	-38.4	-12.1	-49.9	-17.6	35.5	-50.7	-69.7
2000	October	-20.9	3.5	-32.2	-26.2	1.2	-22.0	5.7	26.9	-48.3	-63.6
2001	October	-27.0	-11.4	-35.6	-29.6	-10.0	-35.9	-12.7	22.9	-41.3	-62.3
2002	October	-25.2	-8.3	-29.3	-22.6	-5.1	-31.2	-11.5	20.1	-34.1	-64.0
2003	October	-22.2	-4.5	-25.0	-21.5	-2.6	-26.5	-6.4	14.7	-27.1	-65.2
2004	October	-23.9	-7.9	-22.0	-19.1	-4.1	-30.5	-11.6	22.5	-16.5	-57.3
2005	December	-26.4	-13.7	-25.6	-16.4	-5.9	-34.4	-21.5	27.6	-25.9	-50.6
2006	December	-18.9	-4.7	-15.4	-10.9	1.1	-22.4	-10.5	16.9	-12.9	-49.4
2007	December	-24.7	-15.5	-24.5	-16.8	-9.8	-31.8	-21.2	12.8	-25.0	-54.8
2008	December	-42.0	-33.3	-40.9	-30.7	-25.9	-51.8	-40.6	43.4	-40.3	-57.9
2009	December	-46.8	-32.7	-47.6	-35.7	-22.6	-64.5	-42.8	63.9	-42.5	-58.0
2010	December	-42.9	-30.6	-48.7	-40.7	-21.7	-65.9	-39.4	55.7	-39.4	-54.8
2011	December	-23.6	-8.9	-43.1	-31.6	-5.5	-56.5	-12.3	25.0	-41.2	-51.4
2012	January	-21.8	-5.9	-39.1	-26.8	-2.8	-54.7	-9.0	25.0	-35.7	-50.2
	February	-33.2	-15.3	-39.3	-30.4	-11.2	-56.5	-19.3	47.1	-31.1	-55.3
	March	-37.6	-23.5	-43.9	-33.6	-16.3	-58.1	-30.7	47.4	-39.9	-56.1
	April	-40.6	-26.5	-48.9	-38.2	-18.3	-63.4	-34.7	49.2	-45.2	-60.2
	May	-42.2	-29.8	-53.6	-42.2	-21.4	-65.9	-38.2	46.8	-52.8	-62.4
	June	-40.3	-26.3	-51.3	-39.2	-18.5	-64.9	-34.0	47.6	-49.7	-61.0
	July	-39.7	-25.5	-46.3	-35.7	-16.2	-62.0	-34.8	47.8	-41.2	-60.0
	August	-44.5	-31.5	-47.0	-40.1	-23.4	-63.3	-39.5	55.3	-37.7	-59.7
	September	-45.1	-32.1	-48.8	-41.4	-23.6	-64.1	-40.6	59.0	-40.8	-57.1
	October	-46.9	-31.0	-48.7	-41.8	-23.9	-60.8	-38.1	61.2	-43.6	-64.3
	November	-47.4	-35.3	-50.3	-39.9	-26.9	-67.6	-43.6	59.7	-43.3	-59.5
	December	-47.1	-33.5	-52.6	-42.1	-23.1	-71.4	-43.9	59.1	-44.2	-62.3

Sources: Ipsos Puls and CNB.

Table J4 Consumer confidence index, consumer expectations index and consumer sentiment index • The Consumer Confidence Survey has been carried out regularly since April 1999 in accordance with the methodology of the European Commission, the Joint Harmonised EU Programme of Business and Consumer Surveys. Until April 2005, the survey was conducted once a quarter (in January, April, July and October). As of May 2005, the survey is carried out in monthly frequency in cooperation with the European Commission, using its technical and financial assistance.

The questionnaire contains 23 questions, examining consumer perception of the changes as regards every-day economic issues. The value of the response index is determined in line with the set methodology, based on the responses to the questions from the Consumer Confidence Survey. The movements of three composite indices, consumer confidence index (CCI), consumer sentiment index (CSI) and consumer expectations index (CEI), are calculated and monitored based on the value of the response indices. Each of the said composite indices is calculated as the arithmetic average of the response indices ( $I$ ), i.e. as the average of previously quantified responses to individual questions from the survey:

$$I_i = \sum_z^k r_i \cdot w_i$$

where:  $r$  is the value of the response,  $w$  is the share of respondents opting for a particular response (weight),  $i$  question from

the questionnaire,  $z$  is the offered/chosen response,  $k$  is the number of offered responses to a particular question.

The value of the said indices ranges  $-100 < I_i < 100$ . Higher index values than those recorded over the previous period point to an increase in expectations (optimism) as regards the specific segment covered by the particular question.

The table shows the values of chosen response indices for the following questions:

I1: How has the financial situation of your household changed over the last 12 months?

I2: How do you expect the financial position of your household to change over the next 12 months?

I3: How do you think the general economic situation in Croatia has changed over the past 12 months?

I4: How do you expect the general economic situation in Croatia to develop over the next 12 months?

I7: How do you expect the number of people unemployed in Croatia to change over the next 12 months?

I8: In view of the general economic situation, do you think now is the right moment for people to make major purchases such as furniture, electrical/electronic devices, etc.?

I11: Over the next 12 months, how likely is it that you will save any money?

The components of composite indices are as follows:

CCI: I2, I4, I7  $\times (-1)$ , I11

CEI: I2, I4

CSI: I1, I3, I8.

## List of banks and savings banks

1 January 2013

### Authorised banks

- 1 Banco Popolare Croatia d.d., Zagreb
- 2 Banka Kovanica d.d., Varaždin
- 3 Banka splitsko-dalmatinska d.d., Split
- 4 BKS Bank d.d., Rijeka
- 5 Centar banka d.d., Zagreb
- 6 Croatia banka d.d., Zagreb
- 7 Erste & Steiermärkische Bank d.d., Rijeka
- 8 Hrvatska poštanska banka d.d., Zagreb
- 9 Hypo Alpe-Adria-Bank d.d., Zagreb
- 10 Imex banka d.d., Split
- 11 Istarska kreditna banka Umag d.d., Umag
- 12 Jadranska banka d.d., Šibenik
- 13 Karlovačka banka d.d., Karlovac
- 14 KentBank d.d., Zagreb
- 15 Kreditna banka Zagreb d.d., Zagreb
- 16 Nava banka d.d., Zagreb
- 17 OTP banka Hrvatska d.d., Zadar
- 18 Partner banka d.d., Zagreb
- 19 Podravska banka d.d., Koprivnica
- 20 Primorska banka d.d., Rijeka
- 21 Privredna banka Zagreb d.d., Zagreb
- 22 Raiffeisenbank Austria d.d., Zagreb
- 23 Samoborska banka d.d., Samobor
- 24 Slatinska banka d.d., Slatina
- 25 Société Générale – Splitska banka d.d., Split
- 26 Štedbanka d.d., Zagreb
- 27 Vaba d.d. banka Varaždin, Varaždin
- 28 Veneto banka d.d., Zagreb
- 29 Volksbank d.d., Zagreb
- 30 Zagrebačka banka d.d., Zagreb

### Authorised savings banks

- 1 Tesla štedna banka d.d., Zagreb

### Authorised housing savings banks

- 1 HPB – Stambena štedionica d.d., Zagreb
- 2 PBZ stambena štedionica d.d., Zagreb
- 3 Prva stambena štedionica d.d., Zagreb
- 4 Raiffeisen stambena štedionica d.d., Zagreb
- 5 Wüstenrot stambena štedionica d.d., Zagreb

### Other institutions

- 1 Hrvatska banka za obnovu i razvitak, Zagreb, operates in accordance with the Act on the Croatian Bank for Reconstruction and Development (OG 138/2006)

### Representative offices of foreign banks

- 1 BKS Bank AG, Zagreb
- 2 Commerzbank Aktiengesellschaft, Zagreb
- 3 Deutsche Bank AG, Zagreb
- 4 LHB Internationale Handelsbank AG, Zagreb

### Banks and savings banks undergoing bankruptcy proceedings

Name of bank/savings bank	Date of bankruptcy proceedings opening
1 Agroobrtnička banka d.d., Zagreb	14/6/2000
2 Alpe Jadran banka d.d., Split	15/5/2002
3 Cibalae banka d.d., Vinkovci	20/10/2000
4 Credo banka d.d., Split	16/1/2012
5 Glumina banka d.d., Zagreb	30/4/1999
6 Gradska banka d.d., Osijek	3/5/1999
7 Hrvatska gospodarska banka d.d., Zagreb	19/4/2000
8 Ilirija banka d.d., Zagreb	6/4/1999
9 Komercijalna banka d.d., Zagreb	30/4/1999
10 Međimurska štedionica d.d., Čakovec	17/3/2004
11 Trgovačko-turistička banka d.d., Split	8.9/2000
12 Županjska banka d.d., Županja	3/5/1999

### Banks and savings banks undergoing winding-up proceedings

Name of bank/savings bank	Date of winding-up proceedings initiation
1 Investicijsko-komercijalna štedionica d.d., Zagreb	31/5/2000
2 Križevačka banka d.d., Križevci	3/1/2005
3 Obrtnička štedna banka d.d., Zagreb	22/12/2010
4 Primus banka d.d., Zagreb	23/12/2004
5 Štedionica Dora d.d., Zagreb	1/1/2002
6 Štedionica Zlatni vrutak d.d., Zagreb	28/12/2001

### Banks and savings banks whose authorisation was withdrawn, but have not initiated winding-up proceedings

Name of bank/savings bank	Date of withdrawal of authorisation
1 Hibis štedionica d.d., Zagreb	7/3/2001
2 Zagrebačka štedionica d.d., Zagreb	22/3/2000



## Management of the Croatian National Bank

---

1 January 2013

### Members of the Council of the Croatian National Bank

Chairman of the Council	Boris Vujčić
Members of the Council	Boris Cota
	Vlado Leko
	Branimir Lokin
	Željko Lovrinčević
	Relja Martić
	Adolf Matejka
	Damir Odak
	Silvije Orsag
	Tomislav Presečan
	Jure Šimović
	Vedran Šošić
	Sandra Švaljek
	Mladen Vedriš

### Management of the CNB

Governor	Boris Vujčić
Deputy Governor	Relja Martić
Vicegovernor	Vedran Šošić
Vicegovernor	Damir Odak
Vicegovernor	Adolf Matejka
Vicegovernor	Tomislav Presečan

### Executive directors

Research and Statistics Area	Ljubinko Jankov
Central Banking Operations Area	Irena Kovačec
Foreign Exchange Operations Area	
Prudential Regulation and Bank Supervision Area	Željko Jakuš
Planning, Controlling and Accounting Area	Diana Jakelić
Payment Operations Area	Neven Barbaroša
Information Technology Area	Mario Žgela
Support Services Area	Boris Ninić
International Relations Area	Michael Faulend

## Abbreviations and symbols

### Abbreviations

BIS	– Bank for International Settlements
bn	– billion
b.p.	– basis points
BOP	– balance of payments
c.i.f.	– cost, insurance and freight
CBRD	– Croatian Bank for Reconstruction and Development
CBS	– Central Bureau of Statistics
CCI	– consumer confidence index
CDCC	– Central Depository and Clearing Company Inc.
CDS	– credit default swap
CEE	– Central and Eastern European
CEFTA	– Central European Free Trade Agreement
CEI	– consumer expectations index
CES	– Croatian Employment Service
CM	– Croatian Motorways
CIHI	– Croatian Institute for Health Insurance
CLVPS	– Croatian Large Value Payment System
CNB	– Croatian National Bank
CPF	– Croatian Privatisation Fund
CPI	– consumer price index
CPIA	– Croatian Pension Insurance Administration
CR	– Croatian Roads
CSI	– consumer sentiment index
DAB	– State Agency for Deposit Insurance and Bank Rehabilitation
dep.	– deposit
DVP	– delivery versus payment
EC	– European Commission
ECB	– European Central Bank
EFTA	– European Free Trade Association
EMU	– Economic and Monetary Union
ESI	– economic sentiment index
EU	– European Union
excl.	– excluding
f/c	– foreign currency
FDI	– foreign direct investment
Fed	– Federal Reserve System
FINA	– Financial Agency
f.o.b.	– free on board
GDP	– gross domestic product
GVA	– gross value added
HANFA	– Croatian Financial Services Supervisory Agency
HICP	– harmonised index of consumer prices
ILO	– International Labour Organization
IMF	– International Monetary Fund
incl.	– including
IPO	– initial public offering
m	– million
MIGs	– main industrial groupings
MM	– monthly maturity

MoF	– Ministry of Finance
NCA	– National Classification of Activities
NCS	– National Clearing System
n.e.c.	– not elsewhere classified
OECD	– Organisation for Economic Co-Operation and Development
OG	– Official Gazette
R	– Republic
o/w	– of which
PPI	– producer price index
RTGS	– Real-Time Gross Settlement
Q	– quarterly
RR	– reserve requirement
SDR	– special drawing rights
SITC	– Standard International Trade Classification
VAT	– value added tax
WTO	– World Trade Organization
ZMM	– Zagreb Money Market
ZSE	– Zagreb Stock Exchange

### Three-letter currency codes

ATS	– Austrian schilling
CHF	– Swiss franc
DEM	– German mark
EUR	– euro
FRF	– French franc
GBP	– pound sterling
HRK	– Croatian kuna
ITL	– Italian lira
JPY	– Japanese yen
USD	– US dollar

### Two-letter country codes

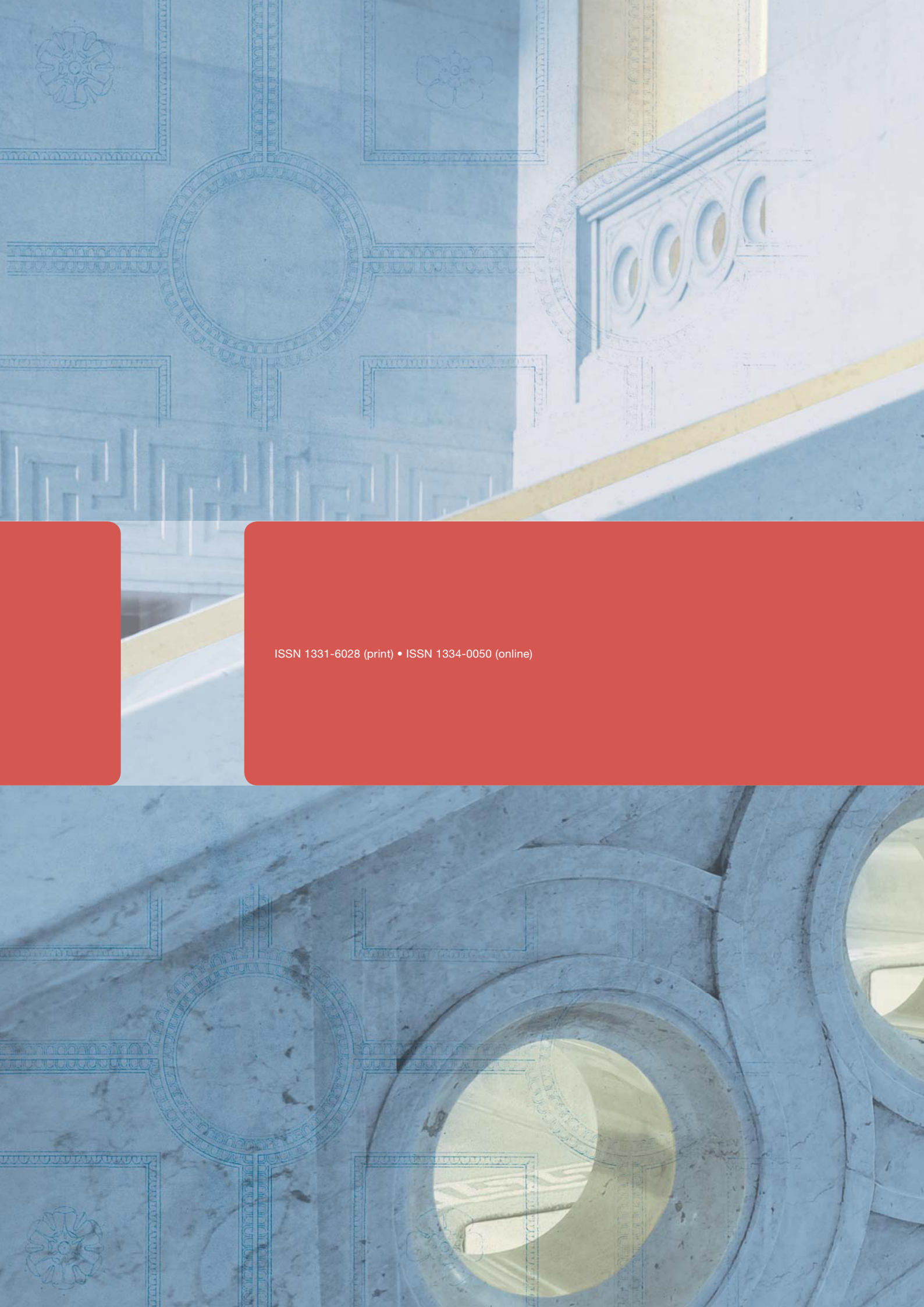
BG	– Bulgaria
CZ	– Czech R.
EE	– Estonia
HR	– Croatia
HU	– Hungary
LV	– Latvia
LT	– Lithuania
PL	– Poland
RO	– Romania
SK	– Slovak R.
SI	– Slovenia

### Symbols

–	– no entry
....	– data not available
0	– value is less than 0.5 of the unit of measure being used
Ø	– average
a, b, c,...	– indicates a note beneath the table and figure
*	– corrected data
( )	– incomplete or insufficiently verified data







ISSN 1331-6028 (print) • ISSN 1334-0050 (online)