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CROATIAN NATIONAL BANK

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Zagreb, October 2016

# General information on Croatia

## Economic indicators

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Area (square km)	56,594	56,594	56,594	56,594	56,594	56,594	56,594	56,594	56,594	56,594	56,594
Population (million) <sup>a</sup>	4.312	4.314	4.312	4.310	4.303	4.290	4.280	4.268	4.256	4.238	4.204
GDP (million HRK, current prices) <sup>b</sup>	270,191	294,437	322,310	347,685	330,966	328,041	332,587	330,456	329,571	328,431	334,219
GDP (million EUR, current prices)	36,512	40,208	43,935	48,135	45,093	45,022	44,737	43,959	43,516	43,045	43,921
GDP per capita (in EUR)	8,467	9,321	10,189	11,169	10,480	10,495	10,453	10,300	10,225	10,157	10,447
GDP – real year-on-year rate of growth (in %)	4.2	4.8	5.2	2.1	-7.4	-1.7	-0.3	-2.2	-1.1	-0.4	1.6
Average year-on-year CPI inflation rate	3.3	3.2	2.9	6.1	2.4	1.1	2.3	3.4	2.2	-0.2	-0.5
Current account balance (million EUR) <sup>c</sup>	-1,892	-2,615	-3,138	-4,227	-2,300	-488	-316	-23	441	901	2,237
Current account balance (as % of GDP)	-5.2	-6.5	-7.1	-8.8	-5.1	-1.1	-0.7	-0.1	1.0	2.1	5.1
Exports of goods and services (as % of GDP)	39.4	39.7	39.0	38.5	34.5	37.8	40.5	41.7	43.1	46.4	50.0
Imports of goods and services (as % of GDP)	45.5	46.5	46.3	46.5	38.2	38.1	40.9	41.2	42.7	44.4	47.1
External debt (million EUR, end of year) <sup>c</sup>	25,990	29,725	33,721	40,590	45,600	46,908	46,397	45,297	45,958	46,664	45,534
External debt (as % of GDP)	71.2	73.9	76.8	84.3	101.1	104.2	103.7	103.0	105.6	108.4	103.7
External debt (as % of exports of goods and services)	180.6	186.1	196.6	219.1	292.7	275.8	256.2	247.3	244.9	233.5	207.4
External debt service (as % of exports of goods and services) <sup>d</sup>	28.1	42.0	40.1	33.8	52.9	49.5	40.9	43.3	41.0	43.9	41.2
Gross international reserves (million EUR, end of year)	7,438	8,725	9,307	9,121	10,376	10,660	11,195	11,236	12,908	12,688	13,707
Gross international reserves (in terms of months of imports of goods and services, end of year)	5.4	5.6	5.5	4.9	7.2	7.5	7.3	7.5	8.3	8.0	7.9
National currency: kuna (HRK)											
Exchange rate on 31 December (HRK : 1 EUR)	7.3756	7.3451	7.3251	7.3244	7.3062	7.3852	7.5304	7.5456	7.6376	7.6615	7.6350
Exchange rate on 31 December (HRK : 1 USD)	6.2336	5.5784	4.9855	5.1555	5.0893	5.5683	5.8199	5.7268	5.5490	6.3021	6.9918
Average exchange rate (HRK : 1 EUR)	7.4000	7.3228	7.3360	7.2232	7.3396	7.2862	7.4342	7.5173	7.5735	7.6300	7.6096
Average exchange rate (HRK : 1 USD)	5.9500	5.8392	5.3660	4.9344	5.2804	5.5000	5.3435	5.8509	5.7059	5.7493	6.8623
Consolidated general government net lending (+)/borrowing (-) (million HRK) <sup>e</sup>	-10,413.5	-9,971.9	-7,880.6	-9,604.6	-19,844	-20,311	-26,090	-17,549	-17,446	-18,079	-10,706
Consolidated general government net lending (+)/borrowing (-) (as % of GDP) <sup>e</sup>	-3.9	-3.4	-2.4	-2.8	-6.0	-6.2	-7.8	-5.3	-5.3	-5.5	-3.2
General government debt (as % of GDP) <sup>e</sup>	41.3	38.9	37.7	39.6	49.0	58.3	65.2	70.7	82.2	86.5	86.6
Unemployment rate (ILO, persons above 15 years of age) <sup>f</sup>	12.7	11.2	9.9	8.5	9.2	11.6	13.7	15.9	17.3	17.3	16.3
Employment rate (ILO, persons above 15 years of age) <sup>f</sup>	43.3	43.6	47.6	48.6	48.2	46.5	44.8	43.2	42.1	43.3	44.1

<sup>a</sup> The population estimate of the Republic of Croatia for 2000 is based on the 2001 Census and that for the 2001-2015 period on the 2011 Census.

<sup>b</sup> The GDP data are presented according to the ESA 2010 methodology, while the value for 2015 is preliminary.

<sup>c</sup> Balance of payments and external debt data are compiled in accordance with the methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. Balance of payments and external debt data are based on the most recent available balance of payments data up to the second quarter of 2016 and data on the gross external debt position as at the end of June 2016.

<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 (including FISIM), without interest payments on direct investment.

<sup>e</sup> Fiscal data is shown according to the ESA 2010 methodology.

<sup>f</sup> Data for the 2007-2013 period are revised and therefore no longer comparable to data for the 2000-2006 period.

Sources: CBS, MoF and CNB.



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# Information on economic trends



## 1 Summary

In the second quarter of 2016, economic activity grew at a rate similar to that at the beginning of the year, with the real GDP rising by 2.8% on an annual level, a much better result than previously expected. The data available for the third quarter point to further GDP growth, largely associated with good results in tourism, which could, on an entire year level, accelerate real GDP growth to levels higher than projected in July. Domestic inflation remained in negative territory in the conditions of low prices for energy and other raw materials and subdued inflation in the euro area. The surplus in the current and capital account rose in the second quarter, driven by increased use of EU funds and growth in exports of tourist services. In the public finance area, the fiscal deficit was reduced considerably owing to the favourable dynamics of revenues and restriction in expenditure growth. The expansionary orientation of the monetary policy was further boosted by structural repo operations which encourage increased kuna lending and the maintenance of favourable conditions of domestic financing. By pursuing such a policy, the CNB strives to stimulate banks' lending activity and the recovery of the Croatian economy, ensuring the stability of the exchange rate of the kuna against the euro at the same time.

The second quarter witnessed a small slowdown in global growth, with a diminished volume of world trade and rising insecurity.

In 2016, real domestic GDP growth might be faster than previously expected primarily due to fast economic growth in the second quarter and favourable developments at the beginning of the third quarter.

Favourable developments in the labour market continued in the second quarter of 2016.

The annual fall in consumer prices accelerated in the first eight months from -0.6% in December 2015 to -1.5% in August 2016.

Increased use of EU funds and growth of services exports in tourism are the main contributors to the surplus in the current and capital account of the balance of payments.

Global economic growth in the second quarter of 2016 was mostly driven by developing countries and emerging market countries, while the slowdown in the Chinese economy was compensated for by crisis alleviation in Russia and Brazil. By contrast, the economies of developed countries grew slower than expected. This is particularly true of the USA, and, to a lesser extent, the euro area. The UK vote towards end-June to leave the European Union led to temporary volatility in the financial markets, but according to the first indicators, it did not have a significant impact on economic activity. Inflation on the global level remained subdued, despite rising prices of oil and other raw materials. The monetary policy in the USA and in the euro area remained unchanged, and the exchange rate of the euro appreciated slightly against the American dollar and most other major global currencies.

Real GDP growth in 2016 will likely be faster than the 2.3% projected in July. The upward revision of the projection is the result of better outturns in the second quarter of this year than expected, with growth in gross fixed capital formation and government consumption exceeding earlier expectations the most. By contrast, goods and services exports slowed down considerably on an annual level, while personal consumption and goods and services imports rose in accordance with the previous expectations. Real GDP thus grew by 2.8% on an annual level in the second quarter and on a quarterly level, economic activity continued to accelerate at a rate similar to that in the first three months of this year (0.5% on a quarterly level). Positive developments are expected to continue until the end of the year, and the CNB's nowcasting model, assessed by using incomplete data, suggests that economic activity in the third quarter might see a fast quarterly acceleration as a result of an extremely good tourist season. However, the annual growth rate of the real GDP might be somewhat slower than in the second quarter owing to a very strong acceleration in economic activity in the third quarter of the previous year.

In the second quarter of 2016, employment continued to rise, primarily due to the increased number of persons employed in other service activities of the private sector and in trade. Unemployment continued to trend downwards, but for the first time since end-2014, outflows due to other reasons (primarily removal from the register) were dominant if compared to employment. At the same time, the growth in nominal and real wages slowed down, with the growth in real wages being faster due to a simultaneous fall in consumer prices.

The biggest contribution to acceleration in the annual fall in consumer prices was made by a reduction in the rate of change in the CPI, excluding food and energy, mostly influenced by the prices of clothing, footwear, telephone services and tobacco. By contrast, energy, as the component which makes the biggest negative contribution to annual inflation, rose from -0.9 percentage points in December 2015 to -1.2 percentage points in August, fully attributable to a reduction in natural gas prices. The negative contribution of food to inflation also rose, mostly driven by acceleration in the annual fall in the prices of fruit and vegetables, milk and non-alcoholic beverages. This was largely the result of the spillover of globally lower food raw material prices onto domestic prices and a fall in prices due to surpluses in the EU market.

The annual growth in the current and capital account surplus in the second quarter of 2016 was mostly spurred by increased use of EU funds (of both a current and a capital nature) and increased net exports of services provided in tourism. In contrast, developments in foreign trade had an unfavourable effect on the current account balance due to higher growth in imports than in exports. If cumulative values over the past year are observed, the surplus in the current and capital account in mid-2016 stood at 5.4%

Financing conditions of the domestic sectors continued to improve which contributed to a slowdown in the speed of deleveraging of non-financial corporations and households.

Net capital outflow was again largely the result of improvement in the net external position of banks.

The CNB continues to pursue an expansionary monetary policy and to maintain the stability of the exchange rate.

Available data indicate a strong fiscal consolidation in the first half of 2016.

of GDP, which is, if the effect of banks' costs associated with the conversion of loans in Swiss francs (estimated at approximately 2% of GDP) is excluded, only slightly below its level in the same period of the previous year.

The financing conditions of the domestic sectors continued to improve in July and August, again helped by the high level of liquidity in the domestic and international financial markets. Household lending rose in the second quarter of 2016 and so did the total debt of non-financial corporations, which contributed to a slowdown in deleveraging, still seen in both sectors on an annual level. Increased borrowing of private enterprises from domestic credit institutions as well as other domestic financing, contributed to this. By contrast, corporations have been deleveraging abroad.

In the second quarter of 2016, the net capital outflows held steady at a level similar to that in the same period of 2015. This is the result of further deleveraging of the domestic sectors, particularly credit institutions. Net inflows from equity investment which took place during the same period were largely determined by the increase in the retained earnings of the banks. The stock of net and gross external debt at the end of June 2016 accounted for 49.0% and 97.3%, respectively, of GDP, a decrease of 3.5 and 6.3, respectively, percentage points from the end of the previous year.

In the first nine months of 2016, the CNB held three structural repo auctions, placing a total of HRK 945.9m for a four year term, thus ensuring the banks access to long-term sources of kuna liquidity. This helps keep low domestic interest rates and supports the trend of increased kuna lending by banks which accelerated in 2016. In addition to keeping high liquidity, towards the end of the third quarter, the CNB used a foreign exchange intervention and regular weekly reverse repo operations to alleviate appreciation pressures on the exchange rate of the kuna against the euro.

The available fiscal data point to a sharp fall in the deficit in the first half of 2016, from the same period of the previous year. Such developments were the result of more favourable developments in revenues, which in turn mainly reflect recovery in economic activity and restrictions of the growth on the expenditure side of the budget. It appears that the beginning of the second half of the year was marked by a rising central government deficit at an annual level, but this is partly the result of value added tax payments into the government budget being later. The debt of the consolidated general government stood at HRK 285.7bn at the end of June which is, as a result of exchange rate differences and use of government deposits with the CNB, a fall of HRK 3.9bn from the debt stock at the end of 2015.

## 2 Global developments

Global developments in the second quarter of 2016 were marked by continued global growth, a decline in the volume of world trade and heightened uncertainty and volatility in the financial markets. The economies of developed countries grew below expectations, in particular the US economy, which in the second quarter recorded the lowest growth in the past two years, i.e. mostly due to a considerable weakening in private sector investment and a decline in exports. Economic growth in the euro area also slowed down moderately, and the UK vote at the end of June to leave the EU increased the uncertainty among investors and exporters. However, the indicators of economic activity in the UK in the first months following the referendum were relatively positive, which mitigated the originally very negative expectations. In developing and emerging market countries, the expected dynamics of growth was maintained during the first half of 2016; a continued slowdown in the Chinese economy was offset by easing of the crisis in Russia and Brazil. Inflation remained subdued at a global level, despite the increase in the prices of oil and other raw materials.

The intensity of economic growth in the euro area slowed down slightly in the second quarter of 2016 (after 0.5% in the first quarter, a growth of 0.3% was achieved), despite the still low prices of energy and stimulative monetary policy. This reflects the stagnation in individual large markets, such as Italy, France and Austria, in which personal consumption and investment weakened. Existing structural problems make economic recovery in Italy very difficult, as do rising political uncertainty and high levels of domestic sectors' debts. In the case of Austria, judging by the latest indicators, stagnation was brief and its economy should soon rebound to growth at a stable pace.

On the other hand, Germany continued to record solid growth, while Spain stood out with positive developments, primarily in tourism and in the labour market. The German economy continued to grow above the euro area average (in the second quarter, growth stood at 0.4% relative to the previous three months). In addition to stable personal consumption, exports made the largest contribution to economic recovery, i.e. mostly exports to other euro area members, which partially offset the weak demand from the global market. The indicators of business environment in

Germany remained positive in recent months, despite uncertainty concerning the effects of Brexit and other external factors. The Slovenian economy also continued to recover. Overall, it seems that stable domestic demand in euro area member countries still manages to offset weak foreign demand, and the available indicators for the third quarter suggest that such a trend could be maintained in the forthcoming period.

### Interest rate trends

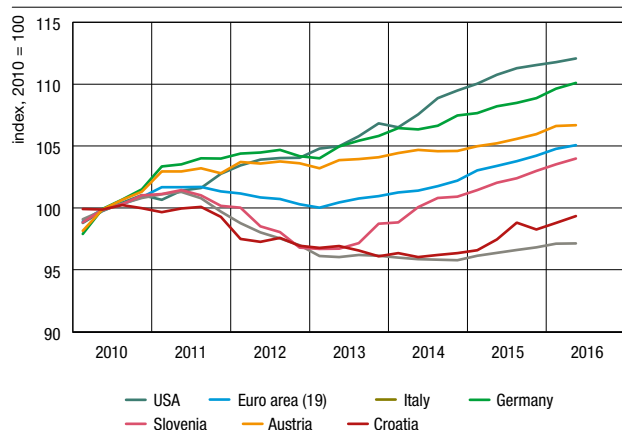
Monetary policies in the US and the euro area remained unchanged. Thus the planned tightening of monetary policy in the US was not realised during the first nine months of the current year because of weaker economic indicators and high global risks as well as uncertainty in the financial markets. There were no additional changes in the ECB policy after the benchmark interest rate was cut to zero in March (in addition to reductions of the marginal interest rate and the interest rate on bank deposits by 5 and 10 basis points respectively). The implementation of the ECB's March decision to increase the monthly amount of the bond purchase programme in the secondary market from EUR 60bn to EUR 80bn and to expand the list of securities to include corporate bonds started in April and according to announcements it will remain in force at least until the end of the first quarter of 2017.

Financing conditions for European emerging market countries improved constantly over the past months. In the first half of the year, the yield spread based on the EMBI index for European emerging market countries was at the level of about 190 basis points, dropping to approximately 140 basis points by the end of September. In addition, the continued fall in the EURIBOR indicates an improvement in financing conditions in the interbank market.

### Exchange rates and price movements

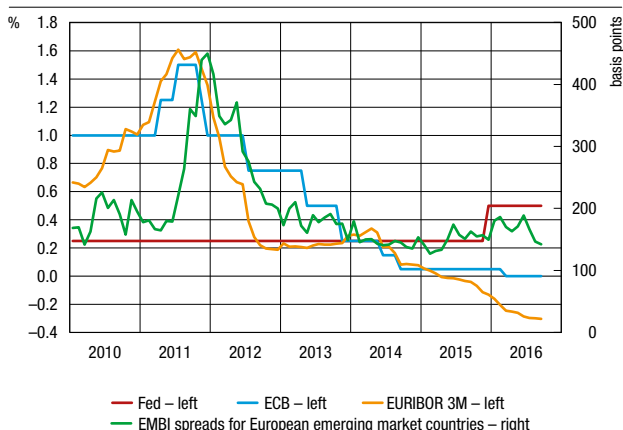
Divergent movements of the euro with respect to important world currencies were recorded in the third quarter of 2016. The euro strengthened slightly against the US dollar, after it had weakened in the first half of the year. This was, among other things, the result of expectations of market participants that the Fed could

**Figure 2.1 Gross domestic product of selected economies**  
seasonally adjusted data, constant prices



Sources: Eurostat, BEA and CNB.

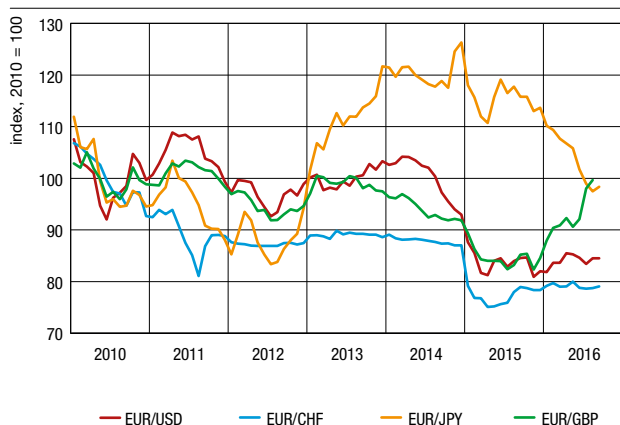
**Figure 2.2 Benchmark interest rates and the average yield spread on bonds of European emerging market countries**  
end of period



Note: Data up to 26 September 2016.

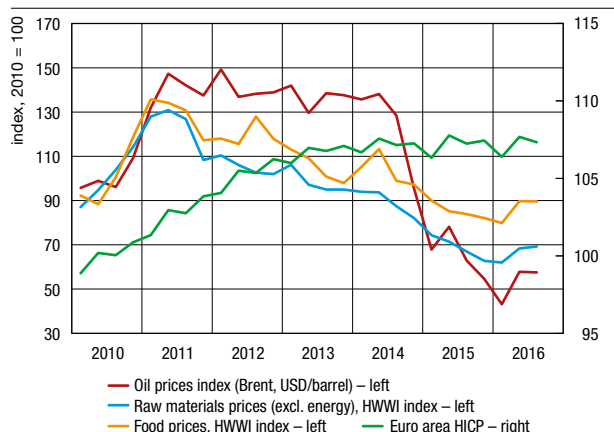
Source: Bloomberg, 26 September 2016.

Figure 2.3 Exchange rates of individual currencies against the euro



Note: A growth in the index denotes a depreciation of a currency against the euro.  
Source: Eurostat.

Figure 2.4 Prices



Note: Data on the euro area HICP inflation rate in the third quarter of 2016 refer to July and August.

Sources: Eurostat, Bloomberg and HWWI.

again postpone the increase in the key interest rate due to weaker than expected US economic indicators. At the same time, increased uncertainty following the UK referendum on EU membership resulted in a sharp fall in the value of the pound sterling against the euro. On the other hand, the rise in risk aversion had an effect on the further strengthening of the Japanese currency against the euro in the global foreign exchange market.

The price of crude oil stabilised in the third quarter of 2016, following its growth in the first half of the year. This was attributed to lower than expected demand for petrol in the US, high inventories of processed petroleum products and the increase in supply from OPEC Member Countries and Russia. The price of Brent crude oil on average stood at USD 45.8 per barrel in the

third quarter of 2016, which was about 9% lower than in the same period of the previous year.

The increase in raw material prices (excluding energy) recorded in the second quarter of 2016 continued in the following three months, albeit at a slower pace. This was mostly due to the increase in agricultural raw material prices, primarily textile because of the weaker than expected cotton harvest in India. Metal prices also grew on the back of better prospects in manufacturing in China and partly because of favourable trends in the Chinese real estate market. Raw material prices (excluding energy, in USD) were 3.4% higher in the third quarter of 2016 than in the same period of 2015.



### 3 Aggregate demand and supply

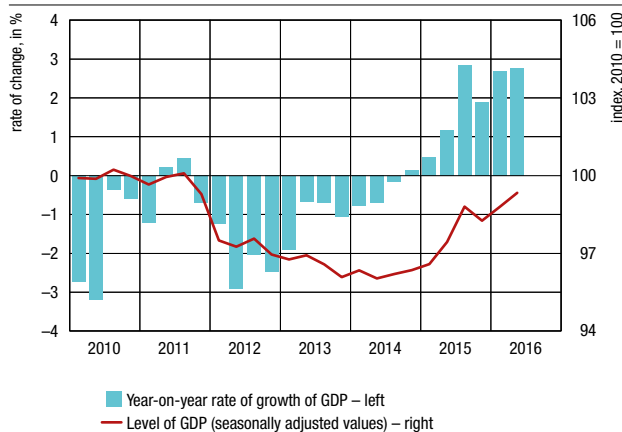
In the second quarter of 2016, real GDP continued to grow at a rate similar to that of the first quarter (on a quarterly basis it grew by 0.5% and on an annual basis by 2.8%). Economic trends in the second quarter of 2016 were marked by a continuation of recovery in domestic demand, with a significant growth of gross fixed capital formation (6.3%). On the supply side, gross value added grew by 2.5% on an annual basis, primarily because of a continuation of favourable developments in manufacturing, wholesale and retail trade, transportation and storage. Positive developments are expected to continue until the end of the year. Available monthly data suggest that economic activity might have a high quarterly increase in the third quarter as a result of a very good tourist season. Thus, at the level of the whole year real GDP might grow more than expected in the July projection (2.3%).

#### Aggregate demand

Real exports of goods and services declined at the beginning of the year, but increased slightly in the second quarter, reflecting favourable trends in goods exports. However, although total exports, primarily of goods, again contributed significantly to the increase in economic activity, a slowdown in its growth at an annual level is evident (4.1% after the annual growth of 7.1% in the first quarter). Nominal data on trade in goods broken down by the main industrial groupings show that, on a quarterly basis, exports of energy increased the most, and exports of capital goods also grew, with a slight increase in exports of durable goods.

In the second quarter of 2016, personal consumption continued to grow for the sixth consecutive quarter, and the growth was a relatively high 3.0% at an annual level. Such developments

**Figure 3.1 Gross domestic product**  
real values



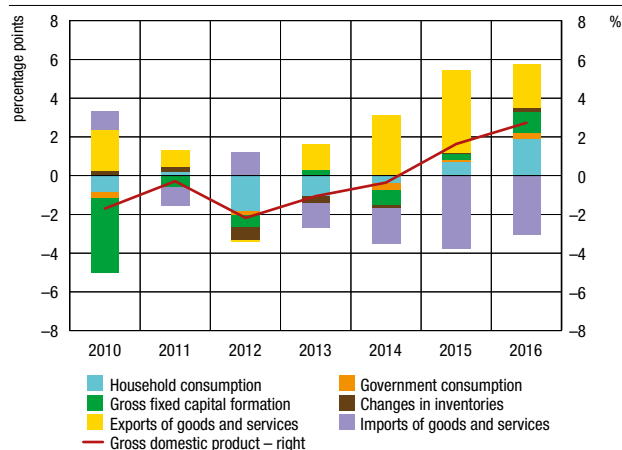
Source: CBS data seasonally adjusted by the CNB.

**Figure 3.3 Exports of goods and services**  
real values



Source: CBS data seasonally adjusted by the CNB.

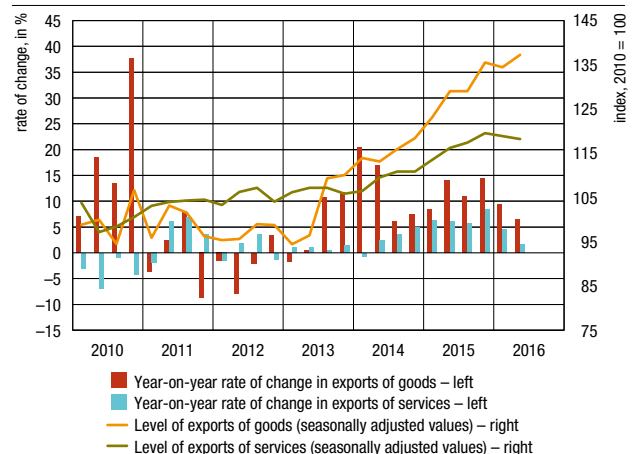
**Figure 3.2 Change in GDP**  
contribution by components



Note: Data for 2016 refer to the first half of 2016.

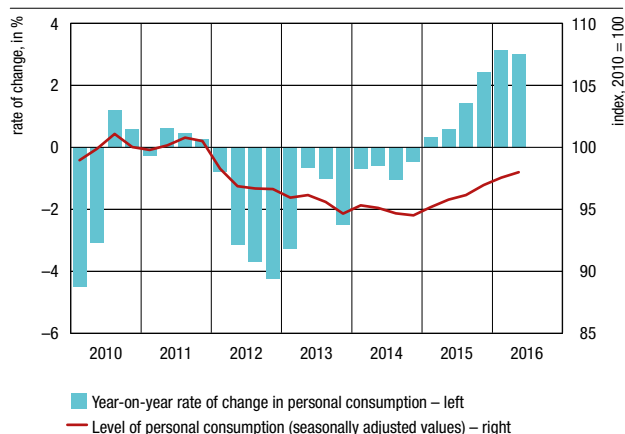
Source: CBS.

**Figure 3.4 Real exports of goods and services**



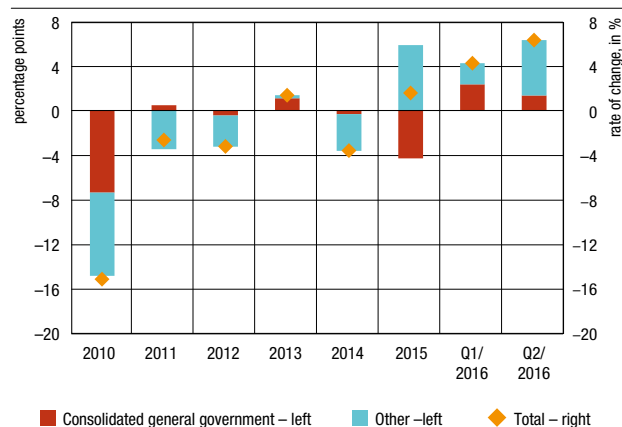
Source: CBS data seasonally adjusted by the CNB.

**Figure 3.5 Personal consumption**  
real values



Source: CBS data seasonally adjusted by the CNB.

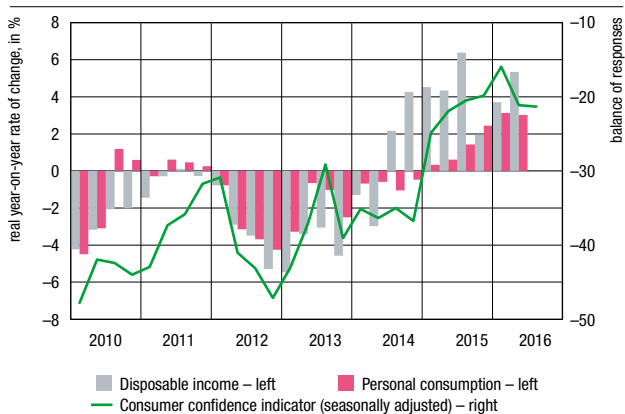
**Figure 3.8 Gross fixed capital formation, contribution to the year-on-year growth by sectors**  
real values



Note: Sector contributions are the CNB's estimate. Real values are obtained by deflating nominal values with the deflator of gross fixed capital formation.

Sources: CBS and CNB calculations.

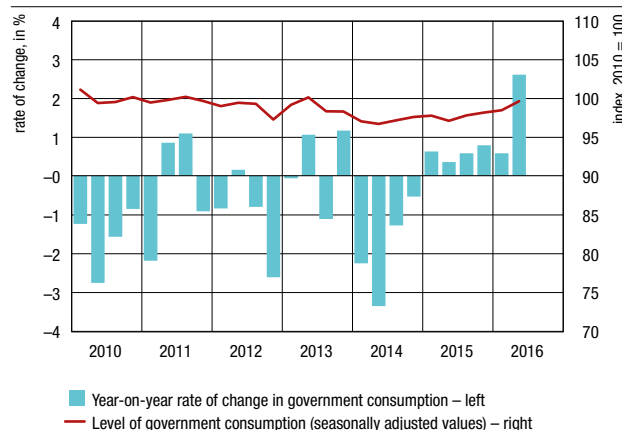
**Figure 3.6 Determinants of personal consumption**  
real values and index



Note: The values of the consumer confidence indicator in a month are calculated as three-member averages of monthly data. The most recent data available for the calculation of consumer confidence refers to September 2016.

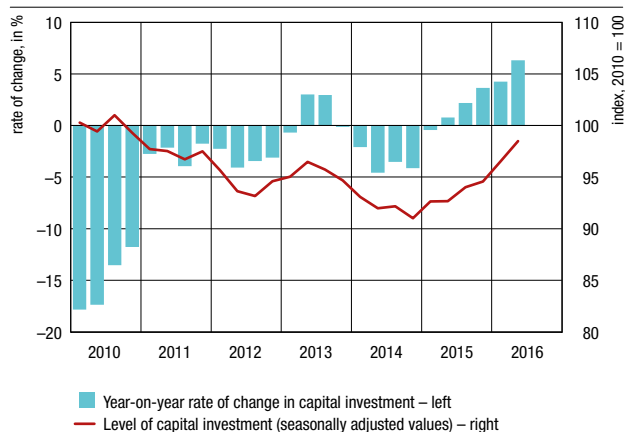
Sources: CBS, Ipsos data seasonally adjusted by the CNB and CNB.

**Figure 3.9 Government consumption**  
real values



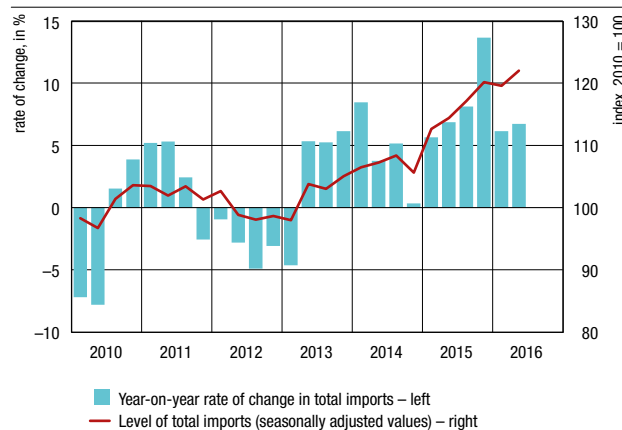
Source: CBS data seasonally adjusted by the CNB.

**Figure 3.7 Gross fixed capital formation**  
real values



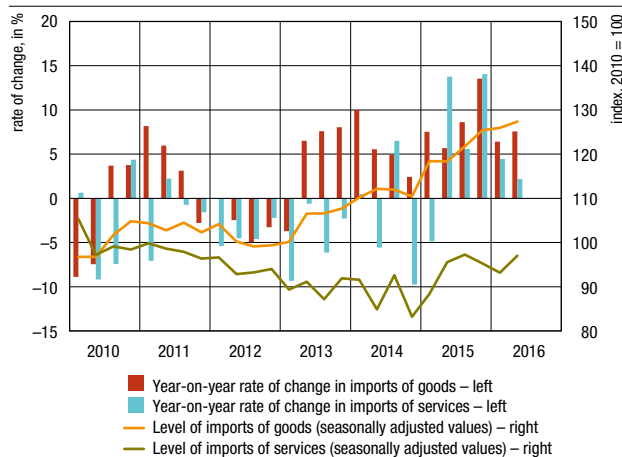
Source: CBS data seasonally adjusted by the CNB.

**Figure 3.10 Imports of goods and services**  
real values



Source: CBS data seasonally adjusted by the CNB.

Figure 3.11 Real imports of goods and services



Source: CBS data seasonally adjusted by the CNB.

reflect the continuation of recovery in the labour market, the decrease in the prices of energy and food as well as the levels of confidence, which remained relatively high despite a slight fall.

Gross fixed capital formation increased by 2.0% from the previous three months, while growth of as much as 6.3% was recorded at an annual level (the highest annual growth rate since 2008). Such developments were mostly the result of favourable movements in the private sector, as suggested by monthly indicators on construction works on buildings, as well as production and imports of capital goods. In addition, the government's investment activity probably increased.

The growth of real government consumption intensified additionally in the second quarter of 2016, increasing by 1.2% from the previous three months. At an annual level, growth stood at 2.6%. Nominal data on government expenditures suggest that the increase in government consumption was primarily related to an increase in social benefits in kind, but also to the more extensive use of goods and services and the rise in compensations to employees.

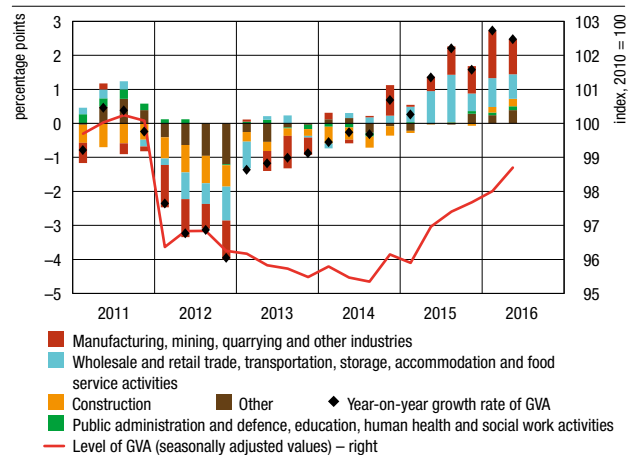
Imports of goods and services increased in the second quarter after a slight decrease in the first three months of the year. Total imports increased by 6.7% annually, primarily because of the growth of goods imports. Nominal data on trade in goods show that imports grew in all main industrial groupings, excluding energy, in the second quarter of 2016, relative to the same period in 2015. Imports of services also increased in the second quarter of 2016, with imports of other services and tourist services increasing the most.

### Aggregate supply

Gross value added increased by 2.5% in the second quarter from the same period in 2015. Such developments were mostly the result of favourable movements in industry, in particular manufacturing, which grew the most. In addition to industry, a noticeable contribution to GVA growth came from trade, transportation and tourism, which can be associated with continued increase in household purchasing power as well as favourable developments in tourism. All other activities grew within the observed period, thus making a positive contribution to the development of gross value added at the level of the entire economy.

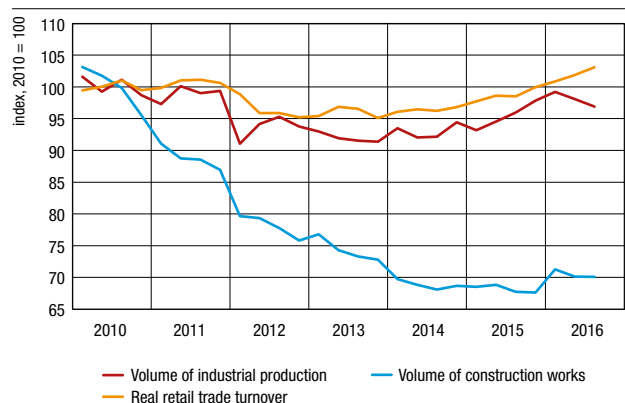
Short-term indicators of economic activity point to the continuation of relatively favourable economic movements in the third quarter of the year. In July and August 2016, real retail trade

Figure 3.12 Change in GVA contribution to the year-on-year rate of change by components



Source: CBS data seasonally adjusted by the CNB.

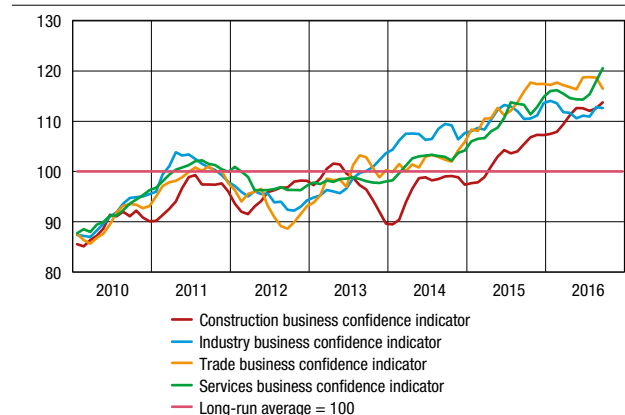
Figure 3.13 Short-term economic indicators seasonally adjusted values



Note: Quarterly data are calculated as an average of monthly data. Data on construction in the third quarter of 2016 refer to July, while data on industrial production and retail trade refer to July and August.

Source: CBS data seasonally adjusted by the CNB.

Figure 3.14 Business confidence indicators standardised and seasonally adjusted values, three-member moving averages



Sources: Ipsos and CNB data seasonally adjusted.

turnover was 1.2% higher than the average in the previous three months. In addition, data on tourist arrivals and nights suggest a very good peak tourist season. On the other hand, in July 2016 construction stagnated at the level of the previous quarter, while industrial production declined in July and August, mostly because of the fall in the production of intermediate and capital goods. Nevertheless, the annual real GDP growth rate might be somewhat lower than in the second quarter because of the very strong acceleration of economic activity in the third quarter of 2015.

Data on business expectations reveal a continuation of the

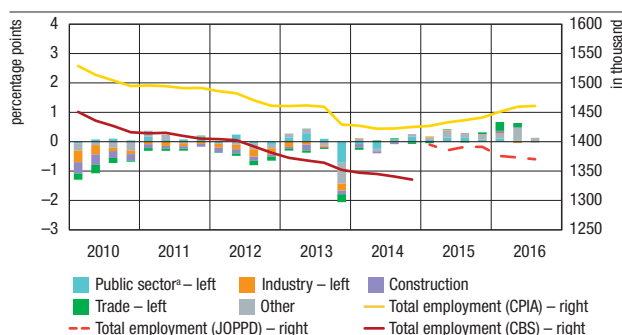
upward trend, with the business confidence indicator at the pre-crisis level in all activities. Thus, in the third quarter of 2016 construction business confidence continued to grow, while in industry it improved after a fall recorded in the first half of the year. Services business confidence also grew, primarily because of the business climate in the past three months, which companies believe to have improved, but also because of the increased demand in the same period. With regard to expectations in trade, business confidence worsened in September, but the average of the third quarter was slightly higher than in the previous three months.

## 4 Labour market

Favourable trends in the labour market marked the second quarter of 2016. According to the CPIA data, there was a 0.6% increase in the number of employed persons in the second quarter from the previous quarter, mostly contributed to by other service activities of the private sector and trade, the contribution of other activities being negligible. The beginning of the third quarter was marked by stagnation in employment, but there was accelerated growth again in August under the impact of favourable movements in industry and the continuation of the increase in the number of employed persons in the public sector (Figure 4.1).<sup>1</sup>

In addition to a continued increase in the number of employed persons, the second quarter of 2016 was marked by a further decrease in unemployment, which was 6% lower than in the previous quarter. This decrease was to quite a large extent determined by what are called other reasons, primarily removal from the register because of non-compliance with the legal provisions, cancellations and failure to report regularly, and to a lesser extent for employment on work contract basis and other business activities. The declining trend in the number of unemployed persons slowed down in July and August (−3.1% from the previous quarter), with outflows from the register for other reasons still prevailing (Figure 4.2).

**Figure 4.1 Total employment and contribution to the quarterly change in employment by sector**  
seasonally adjusted data



<sup>a</sup> Public administration and defence, compulsory social security, education and human health and social work activities.

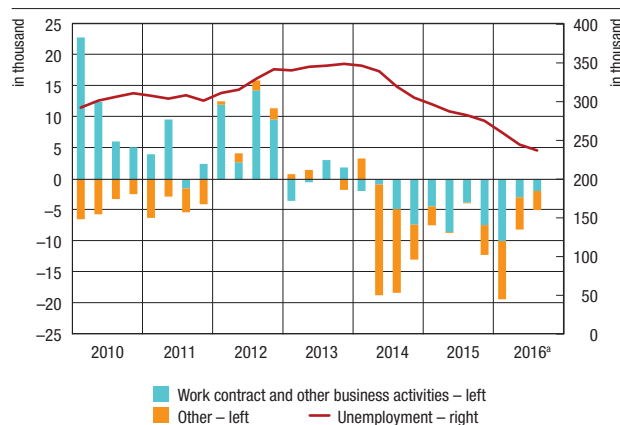
Note: Around 20,000 insured persons were removed from the CPIA register due to administrative reasons in October 2013. The JOPPD form is now the source of data on employed persons and wages due to changes in the CBS methodology for collection and processing of data on employed persons and wages in effect as of January 2015. Structural columns show contributions by sector in accordance with CPIA data. Data for the third quarter of 2016 refer to July and August.

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

<sup>1</sup> The CNB uses CPIA data to assess employment trends. Administrative CBS data on the number of employed persons collected on the basis of the JOPPD form point to negative employment trends in the first eight months of 2016.

In view of the above decrease in the number of unemployed persons, the administrative unemployment rate continued to decline, and in the second quarter stood at 15.1% (down from 16%

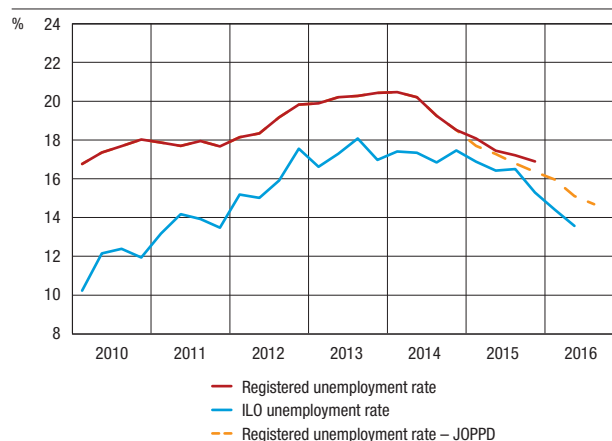
**Figure 4.2 Total unemployment and net inflows from unemployment**  
seasonally adjusted series



Note: Data for the third quarter of 2016 refer to July and August.

Source: CES data seasonally adjusted by the CNB.

**Figure 4.3 Unemployment rates**  
seasonally adjusted series

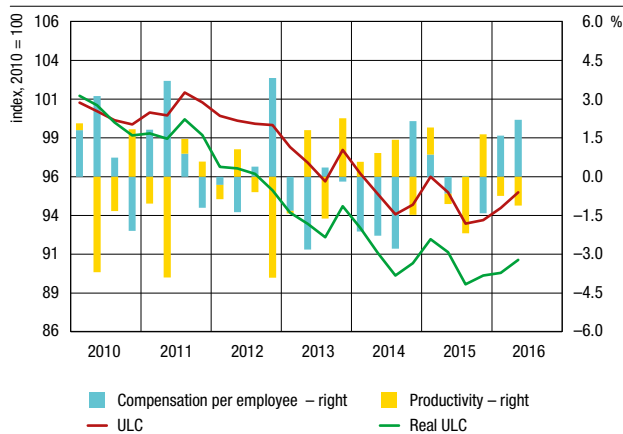


Note: Data on the registered unemployment rate in the third quarter of 2016 refer to July and August.

Source: CBS data seasonally adjusted by the CNB.

**Figure 4.4 Compensation per employee, productivity and unit labour costs**

seasonally adjusted series, levels and quarterly rates of change



Note: Productivity growth carries a negative sign.

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

in the previous quarter) and dropped to 14.6% in August, according to seasonally adjusted data (Figure 4.3). According to the latest available data from the Labour Force Survey, the internationally comparable ILO unemployment rate (seasonally adjusted data) fell to 13.6% in the second quarter of 2016 (from 14.4% in the first quarter).

With regard to labour costs, the quarterly increase in nominal and real wages slowed down in the second quarter of 2016. In the observed period, the average nominal gross wage grew by 0.4% based on the increase in average wages in service activities of the public and private sector. In the above period, real wages grew (0.6%) more than their nominal values because of the simultaneous decrease in consumer prices. In addition, the latest available data for July and August suggest a stagnation of the average nominal and real gross wage relative to the average of the previous three months.

In the second quarter of 2016, the quarterly growth of the unit labour cost accelerated, starting early in 2016 (1.1% from 0.7%) because of a rise in employee compensation significantly sharper than the increase in labour productivity in the observed period (Figure 4.4).

## 5 Inflation

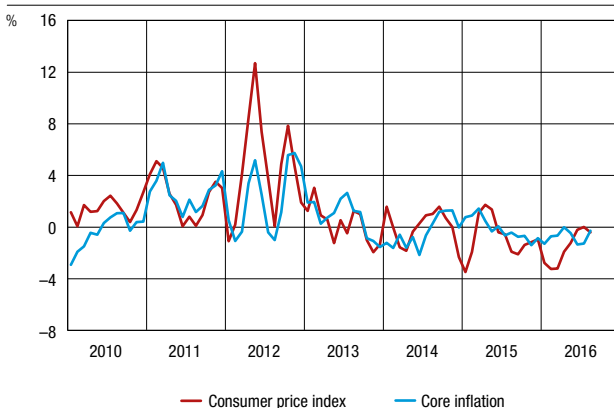
In August, consumer prices declined by 0.2% from the previous month, the largest contribution to the fall coming from a decline in the prices of refined petroleum products, footwear and fruit and vegetables. In contrast, the core consumer price index, which excludes, among other things, prices of energy and agricultural products, increased by 0.1%, mostly because of the increase in the prices of meat and milk. The annual overall inflation rate remained at the level of -1.5% in August, the same as that recorded in July, while the annual decline in core inflation slowed down by 0.1 percentage points, to -0.7%. In August, the indicators of current developments in inflation diverged: the core inflation indicator increased and moved closer to positive territory, and the indicator of current developments in overall inflation fell slightly.

In conditions of relatively low prices of crude oil and other raw materials in the global market and low inflation in EU

countries, the annual decline in consumer prices during the first eight months of 2016 accelerated from -0.6% in December 2015 to -1.5% in August 2016. On the other hand, developments in the domestic economic environment point to mild inflationary pressures if the moderate growth of personal consumption and a slight increase in unit labour costs are taken into consideration. The largest contribution to the acceleration of the annual decline in consumer prices was made by the decrease in the annual rate of change in the CPI, excluding food and energy, from 0.7% in December 2015 to -0.1% in August 2016, which was mostly affected by the prices of clothing and footwear, telephone services and tobacco. Energy is the component that made the largest negative contribution to annual inflation, which increased from -0.9 percentage points in December 2015 to -1.2 percentage points in August 2016, which was entirely the result of the decline in the

**Figure 5.1 Indicators of current developments in overall and core inflation**

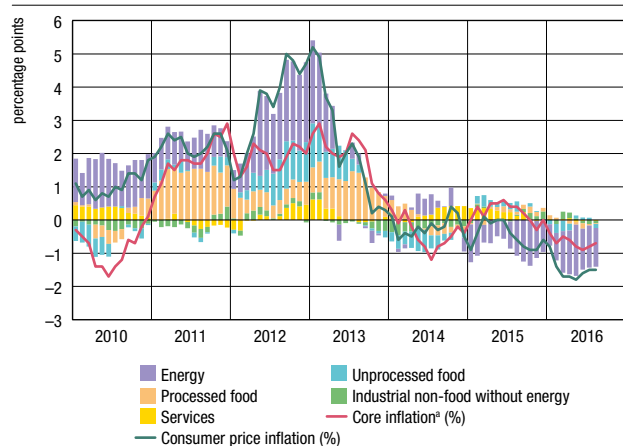
annualised month-on-month rate of change



Note: The month-on-month rate of change is calculated from the quarterly moving average of seasonally adjusted consumer price indices.

Sources: CBS and CNB calculations.

**Figure 5.2 Year-on-year inflation rates and contribution of components to consumer price inflation**



\* Core inflation does not include agricultural product prices and administrative prices.

Sources: CBS and CNB calculations.

Figure 5.3 Deflator of GDP and its individual components



Source: CBS.

price of natural gas. The negative contribution of refined petroleum products to annual inflation was slightly less expressed in August, relative to the end of 2015, standing at 0.6 percentage points. In addition, the negative contribution of food to inflation increased moderately, mostly under the effect of an acceleration of the annual fall in the prices of fruit and vegetables, milk and non-alcoholic beverages. The decrease in the price of food products was to a considerable extent the consequence of the spillover of lower prices of food raw materials in the world market onto domestic prices and the decline in prices because of surpluses in the EU market.

The annual rate of fall in the deflator of goods and services imports rose in the second quarter of 2016, indicating growing pressures for domestic prices to fall arising from the decline in the prices of imported raw materials and finished products. By contrast, the annual rate of fall in the deflator of goods and services exports accelerated to a lesser extent in the second quarter of 2016, resulting in an improvement in the terms of trade.

## 6 Foreign trade and competitiveness

The second quarter of 2016 saw an increase in the current and capital account surplus from the same period of the previous year, largely as a result of increased use of EU funds which had a positive effect on secondary income and capital account balance. The growth in net exports of services in tourism also had a favourable effect on the total balance. By contrast, the foreign trade deficit widened due to a faster growth in imports than in exports in absolute terms, while the deficit in the primary account balance remained unchanged. If cumulative values over the past year are observed, the surplus in the current and capital account in the second quarter stood at 5.4% of GDP. By the end of the year, the surplus in the current and capital account might fall considerably, mostly due to the fact that the effects of the costs of banks associated with the conversion of loans in Swiss francs (estimated at approximately 2% of GDP) will have waned by then, but also due to

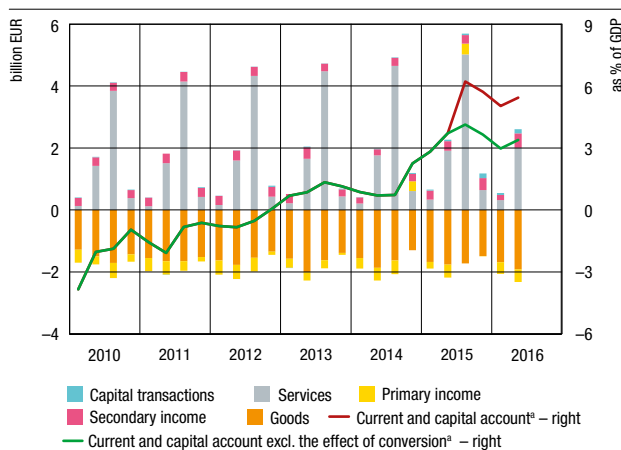
better business results of foreign enterprises in Croatia, especially banks, and the deterioration in the foreign trade balance.

The net exports of services rose in the second quarter of 2016 from the same period of the previous year the most in travel services. Revenues from tourist services provided to non-residents rose by 5.3% on an annual level. This was due to an increase in the number of nights in commercial accommodation of 3.6%, in particular an increase in the number of arrivals from the United Kingdom and Poland and better financial results, evident, among other things, in a pronounced increase in average consumption by traveller. The net exports of transport services also rose during the same period, while the balance in the trade of other services deteriorated as a result of unfavourable results in the trade in financial services, construction services and advertising and market research services. The available indicators show that, in the third quarter, the favourable developments in tourism accelerated, with a large increase in arrivals and nights of foreign tourists, higher income from road tolls and increased passenger traffic at airports.

The net revenue in the secondary income account rose considerably in the second quarter of 2016, largely as a result of the distribution of previously received EU funds to end beneficiaries, particularly other sectors. The value of the funds allocated to capital projects, in particular to the government also increased, pushing up the surplus in the capital transactions account.

The balance in the primary income account held steady at the same level as in the corresponding period of the previous year. On the one hand, revenues from compensations to residents working abroad rose, and interest expenses of foreign financing (excluding FISIM) fell, while on the other hand, the growth in expenditures based on revenues from direct investment had an unfavourable impact on the primary income account balance. The profit of foreign-owned enterprises, most notably banks, rose and its structure shows that reinvested earnings rose considerably while dividend payments were reduced, following poor business results of banks in the previous year associated with the effect of conversion of loans in Swiss francs.

Figure 6.1 Current and capital account balance and its structure

<sup>a</sup> Sum of the last four quarters.

Source: CNB.

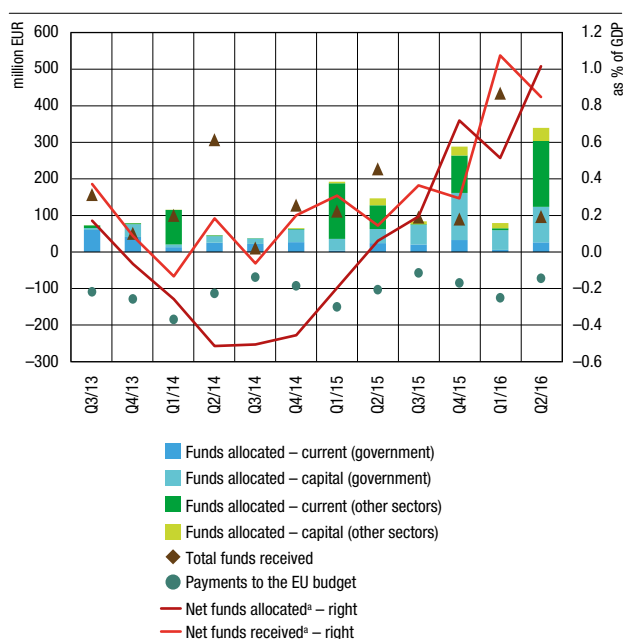


The foreign trade deficit rose in the second quarter of 2016 from the same period of the previous year, as imports growth exceeded exports growth in an absolute amount. Goods exports rose by 4.2% on an annual level, growing at the same speed as in the first quarter, which is still considerably slower than the fast annual growth rates seen in the first half of the previous year. This was due to a fall in exports of oil and refined petroleum products, particularly to Bosnia and Herzegovina, Slovenia and Hungary, as well as to a fall in exports of other transport equipment seen for the second consecutive month. By contrast, favourable export developments were largely due to the growth in exports of the narrow aggregate (of 9.7%), excluding ships and oil. Particularly noticeable were exports of medical and pharmaceutical products to the USA and the Netherlands, exports of miscellaneous manufactured goods (mostly other ammunition and its parts) to Saudi Arabia and the USA, prefabricated buildings to Sweden and Germany, road vehicles to Germany and Turkey and electrical machinery, apparatus and appliances to Egypt and Germany.

The growth in total goods imports accelerated additionally to 5.8% in the second quarter of 2016 from the same period of the previous year. The growth in the imports of the narrow aggregate of 9.8% made the biggest contribution to total imports growth, analogously to the situation with exports. This is the result of a faster imports of road vehicles from Germany, Slovenia and France, general industrial machinery from Germany and the Netherlands, medical and pharmaceutical products from Korea, machinery specialised for particular industries from Italy and miscellaneous manufactured goods (particularly other ammunition and its parts) from Bulgaria. By contrast, the imports of oil and refined petroleum products continued to trend downwards, particularly imports from Azerbaijan and Russia, while the imports of other transport equipment did not change much.

The indicators of price competitiveness improved slightly early

Figure 6.2 Transactions with the EU budget

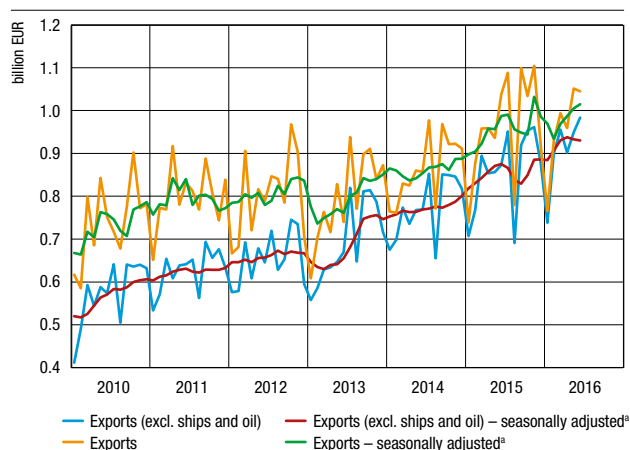


<sup>a</sup> Average of the last four available quarters.

Note: As regards total funds received from EU funds, only funds allocated and paid out to end beneficiaries are recorded in the current and capital account of the balance of payments, while funds received but not allocated are recorded in the financial account. Payments to the EU budget carry a negative sign in the figure. The positive value of net received and net allocated funds is the surplus over the payments to the EU budget.

Sources: CNB and MoF.

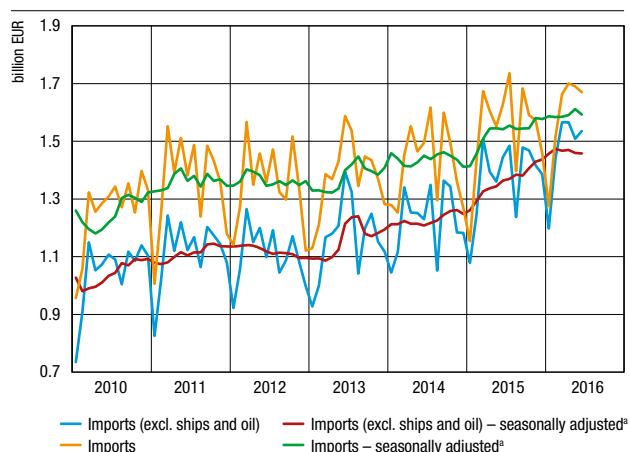
Figure 6.3 Goods exports (f.o.b.)



<sup>a</sup> Three-member moving averages of monthly data.

Source: CBS data seasonally adjusted by the CNB.

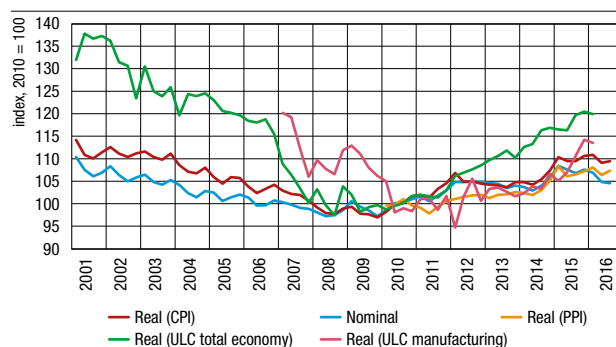
Figure 6.4 Goods imports (c.i.f.)



<sup>a</sup> Three-member moving averages of monthly data.

Source: CBS data seasonally adjusted by the CNB.

Figure 6.5 Nominal and real effective exchange rates of the kuna



Note: Real effective exchange rate of the kuna deflated by producer prices includes the Croatian index of industrial producer prices on the non-domestic market, which is available from January 2010. The unit labour cost is calculated as the ratio between compensation per employee and labour productivity (expressed as GDP per person employed). A fall in the index denotes an effective appreciation of the kuna. Data on the real exchange rate deflated by consumer and producer prices in the third quarter of 2016 refer to July and August.

Source: CNB.

in the third quarter of 2016. The real effective exchange rates of the kuna deflated by consumer and producer prices depreciated slightly, partly offsetting the appreciation in the second quarter. This was due to relatively favourable developments in domestic prices in comparison with the main trading partners, while at the same time, the nominal effective exchange rate of the kuna

continued to appreciate, though at a slower pace. Data on the real effective exchange rates of the kuna deflated by unit labour costs are available only for the first quarter of 2016 and they point to a small deterioration in cost competitiveness from the previous quarter.

## 7 Financing conditions and capital flows

The financing conditions of domestic sectors continued to improve slowly in July and August, supported by high liquidity in the domestic and international financial markets. The costs of bank lending, both in kuna and with a currency clause, have become more favourable for all the sectors with the exception of corporate short-term kuna financing, which rose slightly in July and August. By contrast, the long-term price of corporate financing with a currency clause declined and so did the interest rate on household home loans. Home loans with a currency clause saw the biggest decline from the first half of the year as at that time the procedure of conversion of loans indexed to the Swiss franc into euro-indexed loans temporarily pushed upwards the interest rates on such transactions (Figure 7.1). In addition to high liquidity, the fall in domestic interest rates was also driven by the low costs of sources of funds for the Croatian banking system, with EURIBOR and the national reference rate (NRR<sup>2</sup>) continuing to trend downwards and hitting the lowest levels ever.

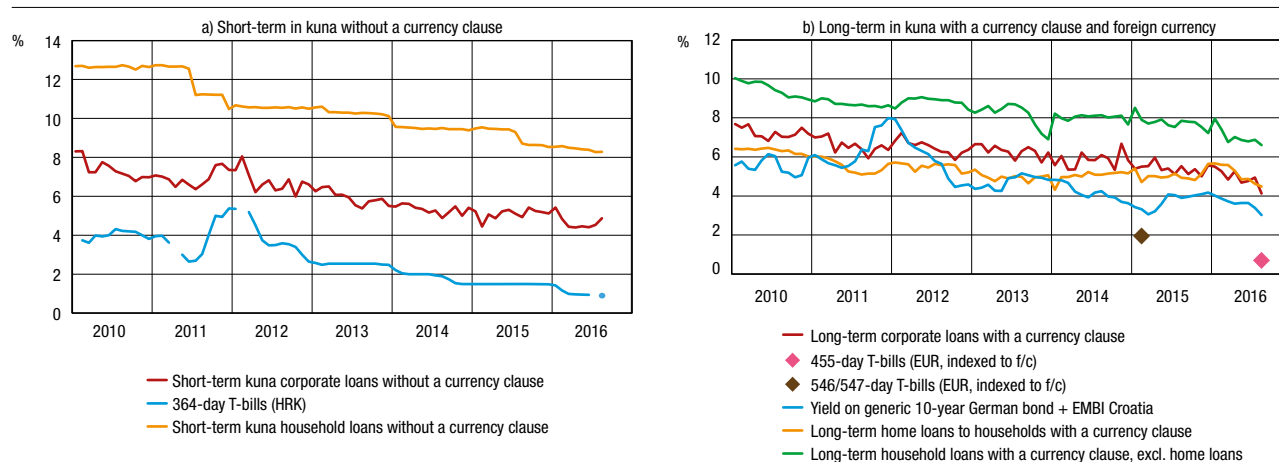
The cost of government short-term borrowing on the domestic market, expressed through the interest rate on one year kuna T-bills, has been falling since early 2012 and in August 2016 it reached its historical low of 0.90%. Also, in early August, the government borrowed using foreign exchange 455-day T-bills of EUR 1.5bn at an interest rate of 0.7%. The price of government financing abroad also fell, as estimated by the sum of the EMBI index for Croatia and the yield on the German government bond. That government financing conditions are more favourable is also suggested by the July issue of a five-year kuna bond of HRK 6bn, at thus far the lowest interest rate of 2.75%. Furthermore, if

the yield curve on Croatian government bonds is observed, yield to maturity on a four-year kuna bond without a currency clause was 100 basis points lower towards the end of August 2016 than at the end of 2015, and the yield on a four-year kuna bond with a currency clause in euro also fell equally during the same period (Figure 7.2).

Following stagnation in the first quarter, the total debt of non-financial corporations rose in the second quarter of 2016. However, on an annual level, it continued to fall, though at a slower pace (–1.0% in the second quarter from –1.4% in the first quarter) (Figure 7.3). The increase in domestic credit institutions' lending to private enterprises contributed to that; after falling for two years it rose for the first time. Other domestic financing also increased. By contrast, deleveraging abroad of the public and the private corporate sectors continued on an annual level into the second quarter, with a more pronounced fall in public enterprises. As regards developments in domestic corporate lending in the third quarter, July and August saw an increase in placements, so the total increase in corporate placements in the first eight months stood at HRK 2.7bn or 2.8% (transaction-based).

More favourable financing terms and a further recovery in economic activity, coupled with positive developments in the labour market, contributed to an increase in household lending. In the first eight months of 2016, household placements rose by HRK 0.4bn or 0.3% (transaction-based) (Figure 7.4), with a sharp increase taking place in lending in the domestic currency. Observed on an annual level, the trend of household deleveraging continued at a considerably slower pace. Thus, at the end of August, total

Figure 7.1 Costs of financing of domestic sectors

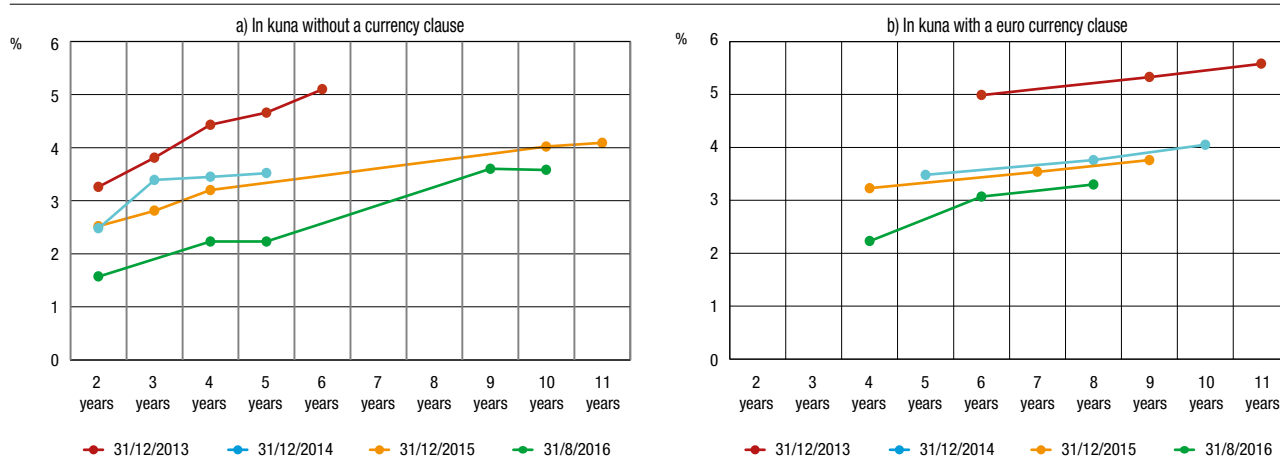


Note: EMBI (Emerging Market Bond Index) is the spread between yields on government securities of emerging markets, including Croatia, and risk-free securities of developed countries.

Sources: MoF, Bloomberg and CNB.

2 The national reference rate (NRR) represents the average interest rate paid on deposits by the banking sector. It is used as one of the benchmark interest rates for determining the level of the variable part of the variable interest rate on loans, in accordance with Article 11a of the Consumer Credit Act.

Figure 7.2 Yield-to-maturity on RC bonds



Note: Dots show achieved yields; other values are interpolated.

Source: CNB.

placements to this sector fell by 0.2% on an annual level. By contrast, the 6.7% decrease in the nominal value of placements in that period was mostly the result of the process of the conversion and partial write-off of household loans indexed to the Swiss franc, in which banks wrote off a total of HRK 5.9bn in the period from end-November 2015 to end-August 2016.

### Capital flows between Croatia and foreign countries

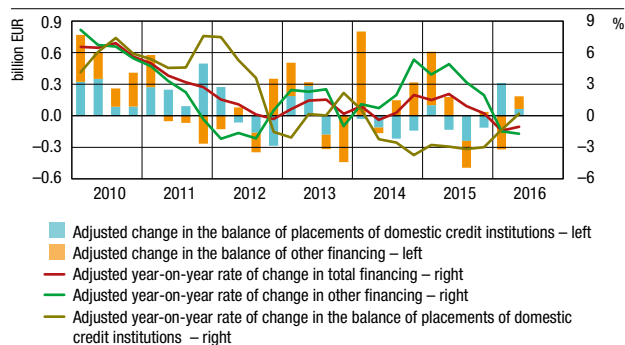
In the second quarter of 2016, the net capital outflows held steady at levels similar to those in the same period of the previous year. Net external liabilities in the financial account of the balance of payments, excluding change in gross international reserves reduced by CNB liabilities<sup>3</sup>, fell by EUR 0.6bn as a result of domestic sector deleveraging, particularly that of credit institutions, and a simultaneous, though less pronounced, growth in foreign assets.

In the second quarter of 2016, the net inflow based on equity investments was largely influenced by a sharp increase in reinvested earnings on the liabilities side, which related mainly to the activities of financial intermediation following a growth in bank profit. In addition, direct equity investment rose in Croatia, mainly due to debt-to-equity swaps, while new investments remained very modest and mostly took place in other business activities, retail trade and real estate activities. The decline in equity investments on the assets side in both direct and portfolio investments contributed to the net inflow from equity investment.

Net capital outflow based on debt investment (EUR 1.2bn) in the second quarter of 2016 was the result of a sharp decline in foreign liabilities, accompanied, to a lesser extent, by an increase in foreign assets. Credit institutions improved their net debt position the most. Having witnessed an increase in funds of EUR 0.1bn they reduced their liabilities even more (EUR 0.3bn). Net external debt of the government sector also fell. As regards other domestic sectors, approximately one half of deleveraging vis-à-vis affiliated foreign creditors was related to debt-to-equity swap transactions and the other half to a reduction in liabilities of one enterprise financed by the sale of its foreign assets. By contrast, net liabilities of other domestic sectors to non-affiliated creditors rose.

<sup>3</sup> Foreign liabilities of the CNB include the investment of a part of international reserves in repo agreements which lead to a change in the same amount in the international reserves.

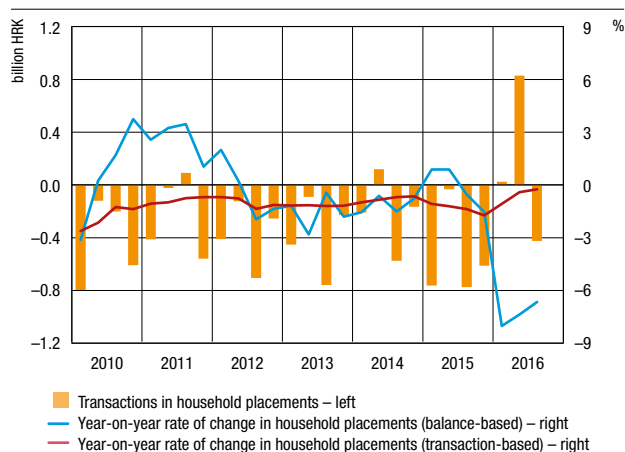
Figure 7.3 Corporate financing by sources



Note: Other financing includes corporate borrowing from domestic leasing companies and direct borrowing from the CBRD, as well as borrowing from foreign banks and affiliated enterprises abroad. The adjusted changes are calculated on the basis of data on transactions in placements of domestic credit institutions and data on the developments in external debt which do not include the effect of the assumption of loans to the shipyards by the Ministry of Finance in 2012 and the effect of the transformation of debt into equity.

Sources: HANFA, CNB and CNB calculations.

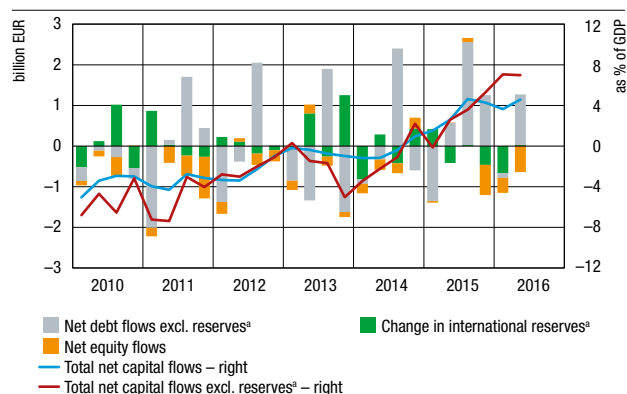
Figure 7.4 Household placements



Note: Data for the third quarter of 2016 refer to July and August.

Source: CNB.

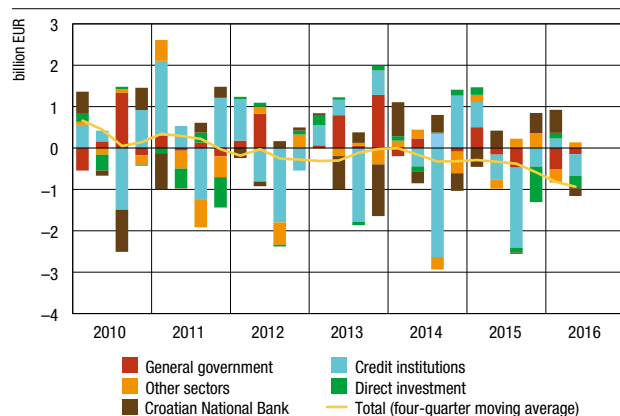
Figure 7.5 Financial account flows



<sup>a</sup> The change in gross international reserves is reported net of the liabilities of the CNB. Note: A positive value denotes net outflow of equity abroad. Net flows represent the difference between the change in assets and the change in liabilities. Total net capital flow series are shown as the sum of the last four quarters.

Source: CNB.

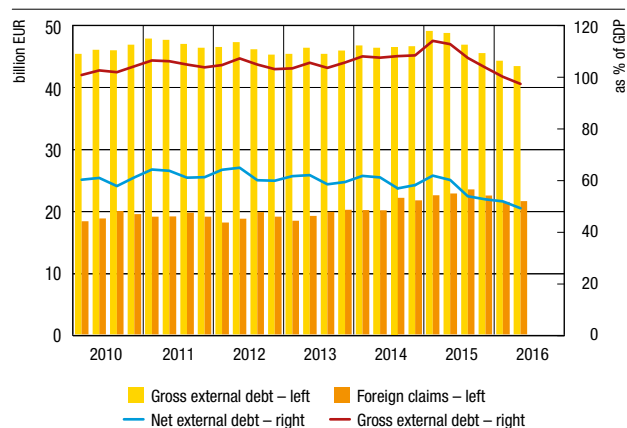
Figure 7.6 Net external debt transactions by sectors



Note: Transactions refer to the change in debt excl. cross-currency changes and other adjustments. Net external debt is calculated as gross external debt stock net of foreign debt claims.

Source: CNB.

Figure 7.7 Gross and net external debt



Note: Net external debt is calculated as gross external debt stock net of foreign debt claims.

Source: CNB.

After falling considerably in the first quarter of 2016, gross external debt of the Republic of Croatia fell additionally in the second quarter (EUR 0.9bn), mostly as a result of deleveraging of monetary institutions and the government. Unfavourable cross-currency changes and other adjustments amounting to EUR 0.2bn had an opposite effect on the stock of foreign liabilities. Gross external debt thus stood at EUR 43.4bn, or 97.3% of GDP at the end of June. Given a small increase in the foreign assets of domestic sectors, net external debt declined further in the second quarter (EUR 1.0bn) and at the end of June stood at EUR 21.9bn, accounting for 49.0% of GDP.

Gross international reserves fell by EUR 0.8bn in the first half of the year, mostly driven by a CNB decision to repeal the requirement for the banks to allocate the foreign exchange component of reserve requirements with the central bank. At the end of June, gross international reserves thus stood at EUR 12.9bn, an amount sufficient to cover 7.3 months of goods and services imports, compared with 7.9 months of imports at the end of the previous year. However, at the same time, the indicator of the short-term debt coverage by international reserves deteriorated from 96.5% at the end of 2015 to 82.9% at the end of June 2016, mostly driven by a pronounced growth in short-term debt on a remaining maturity basis<sup>4</sup>.

<sup>4</sup> The growth in short-term debt on a remaining maturity basis from end-2015 is largely the result of the maturity of a long-term debt falling due in the second quarter of 2017 consisting of USD 1.5bn worth government bond issued in 2012 on the American market, with a currency risk hedge, and of EUR 250m worth bond issued by the CBRD in 2007.

## 8 Monetary policy

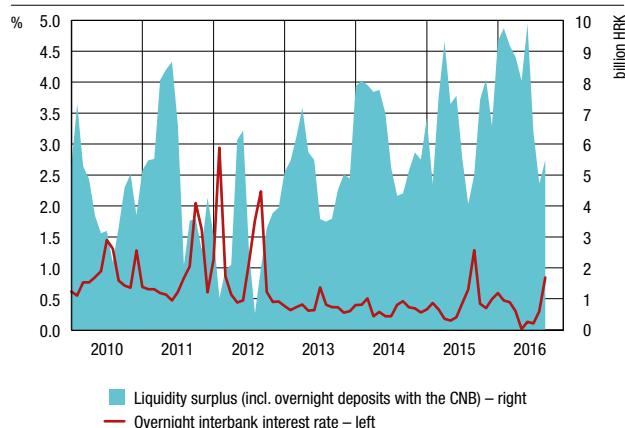
The CNB continued pursuing an expansionary monetary policy during the third quarter while maintaining the stability of the kuna exchange rate against the euro. At the third structural repo operation in July HRK 234.4m was placed at a lowered fixed repo rate of 1.4%. In all, at the three structural repo operations, the central bank created HRK 945.9m for a period of four years, which provided the banks access to additional long-term sources of kuna liquidity. This should support the trends of declining domestic interest rates and intensified bank lending in kuna, which accelerated in 2016. The CNB also continued to conduct regular weekly reverse repo operations, reducing the fixed repo rate from 0.5% to 0.3% from mid-September. The average amount of funds placed through these operations in the third quarter stood at HRK 117.0m.

Due to the strong seasonal increase in currency in circulation outside credit institutions and a higher level of kuna deposited by the government with the CNB, the surplus of liquidity in bank accounts with the central bank was significantly lower in the third quarter than in the first half of the year (HRK 5.5bn as compared to HRK 9.2bn). Despite the seasonal outflow of liquidity, interest rates in the money market were low during July and August, while in September, in addition to a noticeable growth in transactions, overnight interbank interest rates increased to 0.84%. Higher demand for kuna liquidity led to an increase in transactions in regular weekly reverse repo operations, which grew to HRK 630m in early September. Also at the beginning of September, the CNB intervened in the foreign exchange market by purchasing EUR 69.0m from banks, thus creating HRK 0.5bn of reserve money (M0). In the rest of September, the amounts placed through weekly reverse repo operations fell noticeably, while appreciation pressures were interrupted.

When foreign exchange transactions of the CNB in the first nine months of 2016 are considered, the CNB purchased in all EUR 270.4m from banks and the MoF. At the same time, purchases were exceeded by sales to the European Commission, standing at EUR 277.8m, so that the central bank withdrew HRK 68.3m from the market in all foreign exchange transactions.

Influenced by seasonal developments, during most of the third quarter, the exchange rate of the kuna against the euro remained

Figure 8.2 Bank liquidity and overnight interbank interest rate



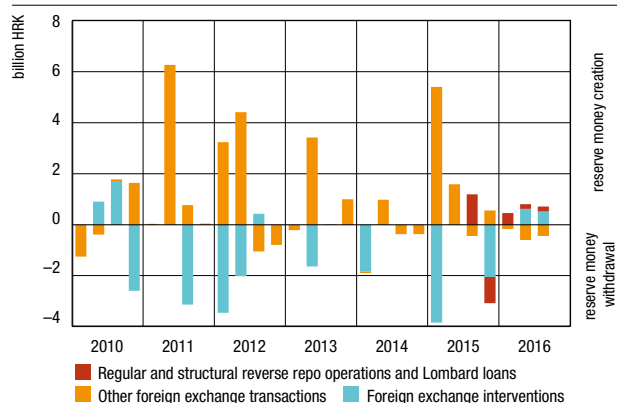
Source: CNB.

at lower levels than in the previous part of the year. Accordingly, the average exchange rate of the kuna against the euro during the first nine months of 2016 stood at EUR/HRK 7.53, or down by 1.0 from the same period in 2015. The exchange rates of the kuna against the Swiss franc and the US dollar were also lower in the third quarter than in the same period of 2015.

Gross international reserves rose by EUR 0.1bn in the third quarter, while net usable reserves remained almost unchanged. At the end of September, gross reserves stood at EUR 13.0bn, or down by EUR 0.7bn (–4.9%) from the end of the previous year, which was mostly the result of the suspension of the foreign currency reserve requirement allocation at the beginning of the year. On the other hand, net usable reserves stood at EUR 11.3bn, or up by EUR 0.1bn (1.1%). Gross and net international reserves remained at higher levels than money (M1) and reserve money (M0).

The several-year trend of growth in the real seasonally adjusted

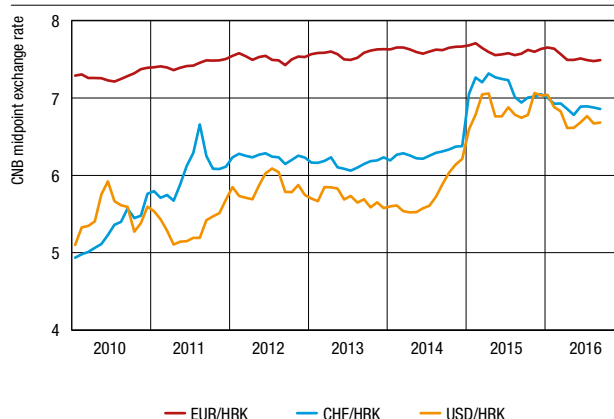
Figure 8.1 Flows of reserve money (M0) creation



Note: Other foreign exchange transactions include the purchase of foreign exchange from and the sale of foreign exchange to the MoF and the EC and foreign currency swaps with banks, where the positive values refer to the purchase of foreign exchange by the CNB.

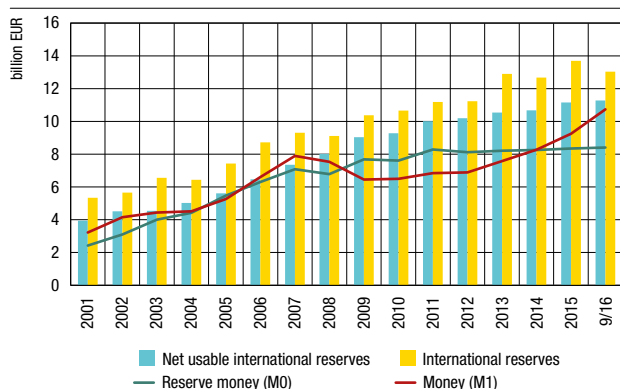
Source: CNB.

Figure 8.3 Nominal exchange rates of the kuna against selected currencies



Source: CNB.

**Figure 8.4 International reserves of the CNB and monetary aggregates**

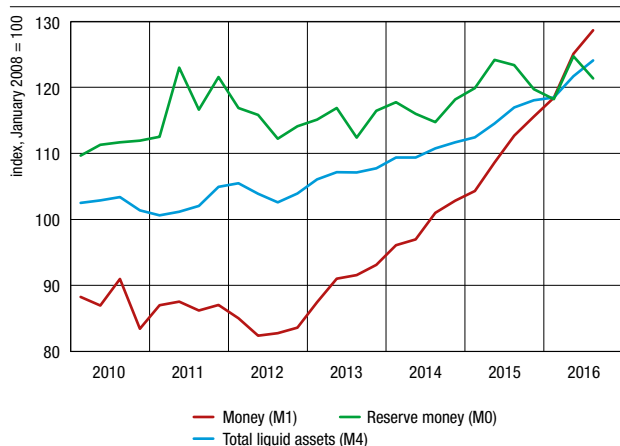


Note: Net usable international reserves are defined as international reserves net of foreign liabilities of the CNB, reserve requirements in f/c, government foreign currency deposits and off-balance sheet liabilities swaps. The most recent data available for M1 refers to end-August 2016.

Source: CNB.

value of M1 and total liquid funds (M4) continued in the third quarter. Contributing to these developments, in conjunction with continued subdued inflation, were inflows from the record tourist season and better absorption of EU funds, as well as a mild recovery in domestic lending. The growth in money (M1) was particularly pronounced because of the continued decrease in interest rates on savings and time deposits and the recovery of economic activity. On the other hand, the real value of reserve money (M0) decreased in the third quarter, recording a slightly lower level relative to the same period of the previous year.

**Figure 8.5 Real monetary aggregates**  
index of developments in seasonally adjusted values, deflated by the consumer price index



Note: Data for the third quarter of 2016 refer to August.

Source: CNB.



## 9 Public finance

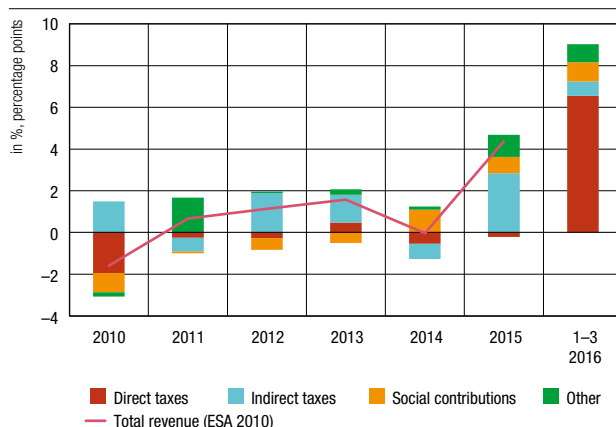
The available fiscal data point to a sharp fall in the deficit in the first half of 2016 from the same period of the previous year. Such developments were the result of favourable developments in revenues and mainly reflect a recovery in economic activity and restrictions on growth on the expenditure side of the budget. It appears that the beginning of the second half of the year was marked by a rising central government deficit on an annual level, but this is partly the result of value added tax being paid later into the government budget.

The first quarter of 2016 was marked by favourable developments in all major items on the revenue side of the general government budget (measured by ESA 2010 methodology). Total revenues thus rose by 9.0% from the same period of 2015, mostly driven by tax revenues, particularly those from direct taxes. It seems that the fast growth in direct taxes may largely be associated with rising revenues from profit tax, which in turn is the result of a considerable growth in entrepreneurs' profit in 2015 and

the introduction of additional conditions for the use of tax reliefs based on reinvested profit. The contribution of indirect taxes in the first quarter of 2016 was slightly positive. It can be attributed to an increase in revenues from excises, which partly reflects the lower level of excises on refined petroleum and tobacco products that obtained in the first half of 2015. By contrast, revenues from VAT, despite favourable economic developments fell slightly, apparently due to a different dynamics in VAT return refunds. Revenues from social contributions also rose, again reflecting favourable developments in the labour market, and positive developments were also seen in other capital revenues, which can probably be attributed partly to increased use of EU funds.

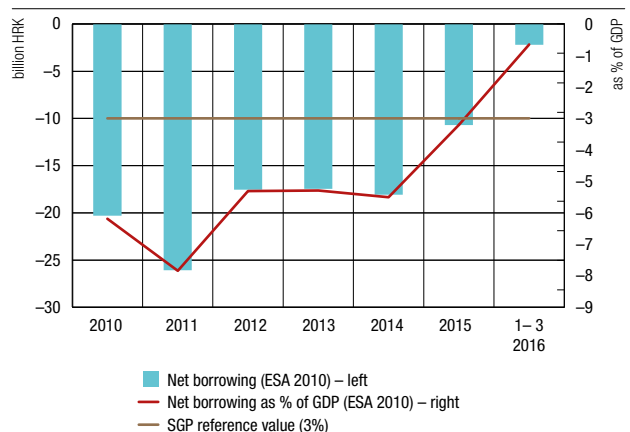
The Ministry of Finance consolidated general government data, on a cash basis, suggest that the developments in revenues in the second quarter of this year will continue to be positive. The increase in revenues was mostly driven by indirect taxes, with a particularly noticeable increase in revenues from excises, followed

**Figure 9.1 Consolidated general government revenue (ESA 2010)**  
year-on-year rate of change and contributions



Source: Eurostat (CNB calculations).

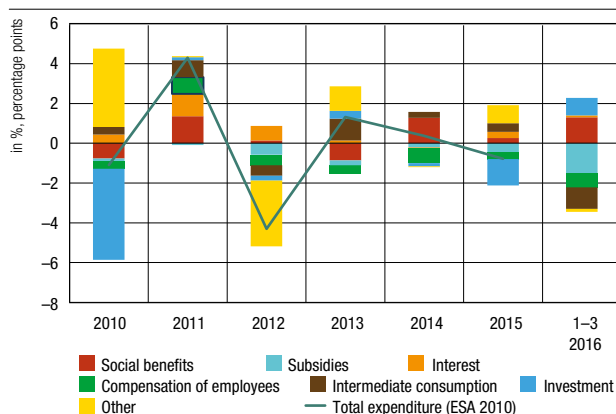
**Figure 9.3 Consolidated general government balance (ESA 2010)**



Note: SGP – Stability and Growth Pact. GDP in the first quarter of 2016 is calculated as the sum of the last four quarters.

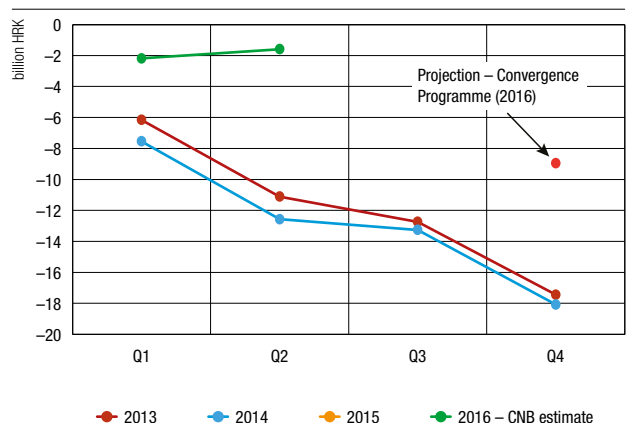
Source: Eurostat (CNB calculations).

**Figure 9.2 Consolidated general government expenditure (ESA 2010)**  
year-on-year rate of change and contributions



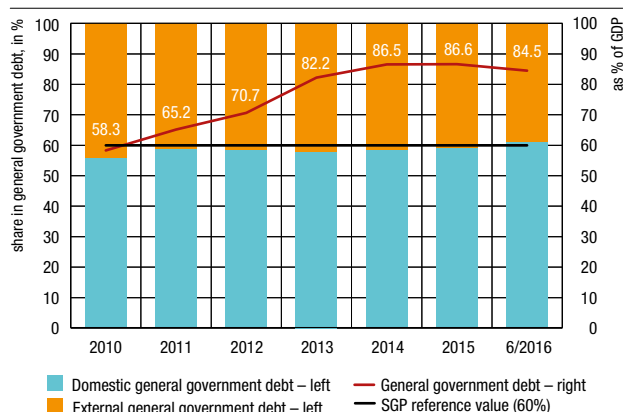
Source: Eurostat (CNB calculations).

**Figure 9.4 General government cumulative balance by quarters (ESA 2010)**



Sources: Eurostat and MoF (CNB calculations).

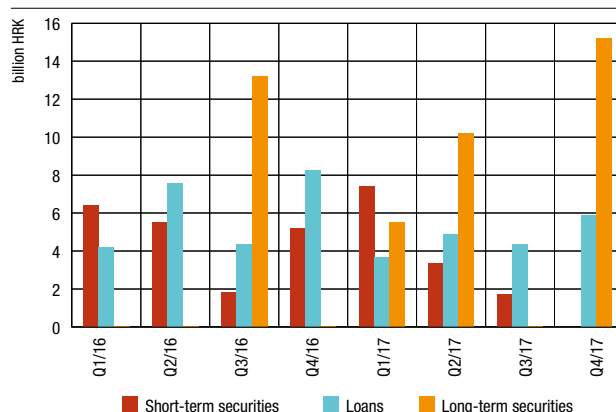
**Figure 9.5 General government debt end-period stock**



Note: Nominal GDP calculated as the sum of GDP for the second quarter of 2016 and the last three available quarterly data was used for the calculation of the relative indicator at the end of June 2016.

Source: CNB.

**Figure 9.5 Projection of general government debt maturity**



Note: Projection of the repayment of short-term and long-term securities is based on the balances as at 30 September 2016 and projection of the repayment of loans on the balance as at 30 June 2016.

Source: CNB.

by an increase in revenues from VAT. As regards direct taxes, revenues from income taxes and revenues from profit taxes rose sharply, with the rise in revenues from income tax appearing to be partly attributable to shifts in refunds on the income tax returns. Receipts from the EU budget also made a positive contribution, but with the exception of the replacement of domestic funds by EU funds for direct payments in agriculture, these flows do not have a direct impact on the budget balance. Data for July point to a fall in revenues on an annual level, mostly as a result of a fall in what are called other revenues. However, the fall is partly also the result of shifts in VAT payments, given the fact that this year the last day of July fell on a Sunday so VAT payments were moved to early August.

The expenditure side of the consolidated general government budget (ESA 2010 methodology) saw a decrease of 1% in the first quarter of 2016 from the same period of the previous year. This decrease may partly be attributed to the fact that expenditures of the government budget and extrabudgetary funds were executed during the period of interim financing. The fall in expenditures was mostly due to expenditures for subsidies and intermediate consumption, and expenditures for employees also moved in the same direction. However, expenditures for investments rose, in contrast with their considerable fall in the previous year and the expenditures for social benefits also rose. Expenditures for interest were almost similar to those in the first quarter of 2015, with expenditure dynamics being positively influenced by a fall in borrowing costs.

The cash data for the second quarter point to a pronounced increase in expenditures, however it seems that this is largely influenced by a different payment dynamics of individual expenditures across the year. Thus subsidies grew sharply, following a considerable decline at the beginning of the year, and expenditures for the use of goods and services also rose considerably, after falling

in the first quarter. Expenditures for employees continued to grow and expenditures for social benefits also rose slightly, partly as a result of pension adjustments because of rises in consumer prices and the average gross wage in the economy. By contrast, expenditures for interest on a cash basis decreased and so did the expenditures for grants. When the first six months of 2016 are observed, the consolidated general government expenditures under the GFS 2001 methodology rose only slightly, while data for July suggest that they continued to grow slowly at the beginning of the second half of the year.

As follows from the above, the first quarter of 2016 saw a strong fiscal consolidation, reducing the general government deficit under the ESA 2010 methodology to HRK 2.2bn, a decrease of HRK 3.4bn from the same period of the previous year. The available data on a cash basis point to a general government budget surplus in the second quarter, in contrast to a deficit of almost HRK 3.0bn in the same period of the previous year, so the half-year result might be even more favourable.

Towards the end of June, the consolidated general government debt reached HRK 285.7bn, a decrease of HRK 3.9bn from its stock at the end of 2015. The same period also saw an increase in GDP, with the share of debt in GDP falling to 84.5%. The reduction in debt was brought about by the appreciation of the kuna against the euro and the financing of a part of the deficit by the funds deposited in previous periods. In July, the Ministry of Finance issued on the domestic market HRK 6bn worth of 5-year bonds followed by EUR 1.5bn worth of 455-day T-bills in August, thus refinancing due liabilities and raising part of the funds required to finance the deficit. In the last quarter of 2016, the general government will have approximately 3% of GDP worth of liabilities falling due, most of which relate in particular to liabilities based on T-bills and loans.

## 10 Comparison of Croatia and selected countries

Favourable developments in economic activity in the majority of CEE countries continued in the first half of 2016. In the second quarter of 2016 growth was recorded in all countries under review, with Latvia, Hungary and Poland more than compensating for the reduction observed in the beginning of the year. Real GDP growth picked up speed in the Czech Republic in the second quarter, while at the same time economic activity in Lithuania slowed down. In other countries, including Croatia, gross domestic product continued growing at a pace similar to that in the first quarter of 2016.

Industrial production increased in the first half of 2016 from the same period a year ago in all countries under review but Estonia. In the Czech Republic, Croatia, Latvia and Slovenia growth rates were higher than in the second half of 2015. At the same time, industrial activity intensified the most in Croatia, where in the first six months of this year industrial production increased the most among all CEE countries. In the first half of 2016, the exports of goods rose in most of the countries under review, speeding up additionally in Romania. While in Bulgaria and Latvia the exports of goods continued declining at a faster rate, in Estonia and Lithuania the decrease in the exports of goods slowed down. The positive trend that started in Croatia in 2013 continued in 2016, the export of goods increasing by 4.4% in the first six months on an annual basis.

The data for the first quarter of 2016 indicate a rise in ILO employment in all CEE countries, except Slovenia which registered a slight fall. In early 2016, Hungary (3.5%) and Slovakia (2.9%) registered the strongest and Romania (0.2%) and Latvia (0.6%) the weakest annual growth in employment. In the first quarter of 2016, the rise from the same period of the previous year in the number of employed persons under the ILO methodology in Croatia totalled 0.8%, which was below the CEE average (1.4%).

The ILO unemployment rate reduced in the first quarter of 2016 in all CEE countries except in Latvia and Estonia where it remained almost unchanged from the same period of the previous year. The average unemployment rate in the above group of countries was 8.4%, the actual rate varying greatly among countries.

The Czech Republic thus registered the lowest ILO unemployment rate of 4.4%, while Croatia registered the highest, totalling 15.4%.

The current and capital account balances in most CEE countries improved in 2015, but developments in the first quarter of 2016 differed. On one side, the surplus in the current and capital accounts increased in Bulgaria and Slovenia, predominantly thanks to positive results in foreign trade in goods. On the other, the widening of the deficit in the trade of goods contributed to the deterioration in the current and capital account balance in Romania, which was exacerbated by the growth of the deficit in the primary income account, and in Estonia, where it was followed by unfavourable developments in the capital account. At the same time, the surplus decrease in Croatia was primarily a consequence of the deterioration in the primary and secondary account balances and in the trade of services. Despite this, all countries continued to register current and capital account surpluses, especially Hungary and Slovenia, which boasted high figures, while Romania found itself in equilibrium.

The growth in the exports of goods in most CEE countries continued throughout the first half of 2016 at the same intensity as in the previous half of the year, but lower than in the first half of 2015. Romania, Hungary, Estonia and Slovenia stood out for the growth of their exports of goods. The growth of Croatia's exports of goods accelerated from the previous half of the year, which again placed Croatia among the countries with the greatest increase. In contrast, exports in Latvia and Lithuania continued decreasing due to weakened trade flow with Russia, one of their most important trading partners.

Positive developments in the exports of goods were not followed by an improvement in price competitiveness (measured in terms of the real effective exchange rate deflated by consumer prices) in most countries under review; in most of them, price competitiveness of exports deteriorated negligibly in the first eight months of 2016 from the fourth quarter of 2015, except in Poland and Romania. This was predominantly a result of the nominal effective appreciation of their currencies. In contrast, the improvement of the price competitiveness of exports in Poland was

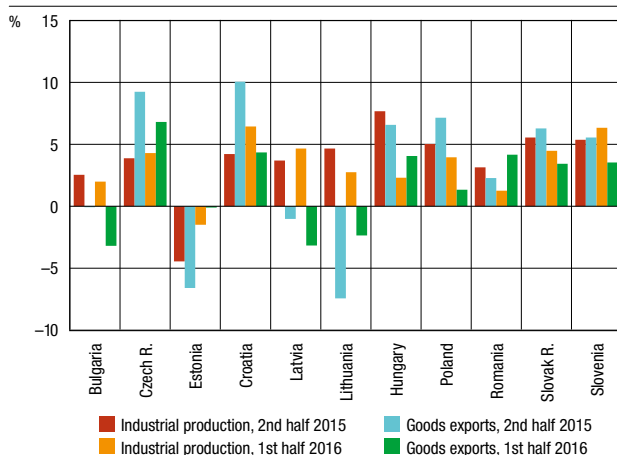
Table 10.1 Gross domestic product

	Year-on-year rate of change, original data			Quarter-on-quarter rate of change, seasonally adjusted data			
	2013	2014	2015	Q3/2015	Q4/2015	Q1/2016	Q2/2016
Bulgaria	1.3	1.5	3.0	0.7	0.7	0.7	0.7
Czech R.	-0.5	2.7	4.5	1.0	0.3	0.4	0.9
Estonia	1.4	2.8	1.4	-0.5	1.1	-0.5	0.5
Croatia	-1.1	-0.4	1.6	1.4	-0.5	0.5	0.5
Latvia	3.0	2.4	2.7	0.6	-0.3	-0.1	0.6
Lithuania	3.5	3.0	1.6	0.5	0.5	0.9	0.2
Hungary	1.9	3.7	2.9	0.4	0.9	-0.5	1.0
Poland	1.3	3.3	3.6	0.8	1.3	-0.1	0.9
Romania	3.5	3.0	3.8	1.6	1.2	1.5	1.5
Slovak R.	1.4	2.5	3.6	-	-	-	-
Slovenia	-1.1	3.1	2.3	0.3	0.6	0.5	0.5
Average*	1.3	2.5	2.8	0.7	0.6	0.4	0.7

\* Simple average.

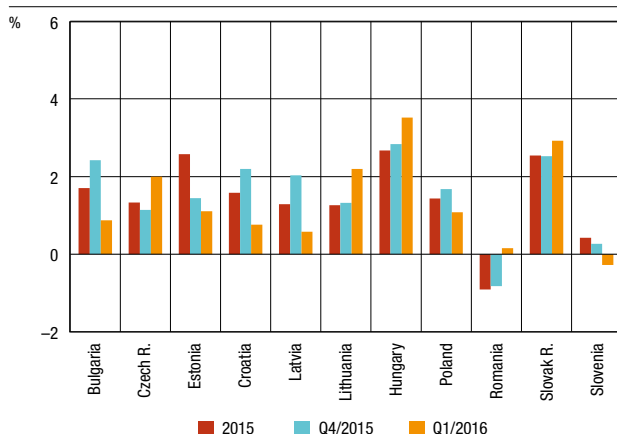
Sources: Eurostat, EC, CBS and CNB.

**Figure 10.1 Industrial production and goods exports**  
year-on-year rate of change



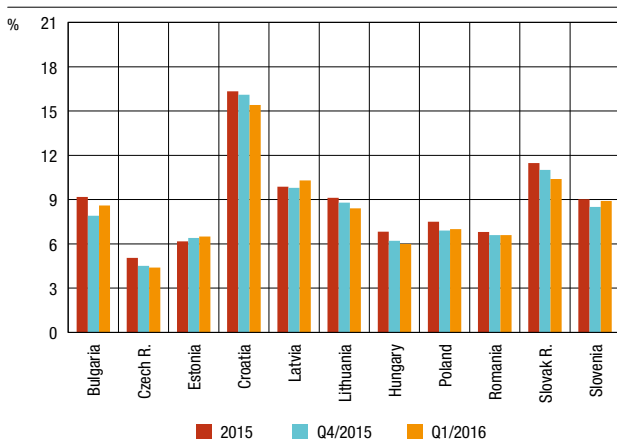
Sources: Eurostat and CBS.

**Figure 10.2 Labour Force Survey employment rate**  
year-on-year rate of change



Source: Eurostat.

**Figure 10.3 Labour Force Survey unemployment rate**



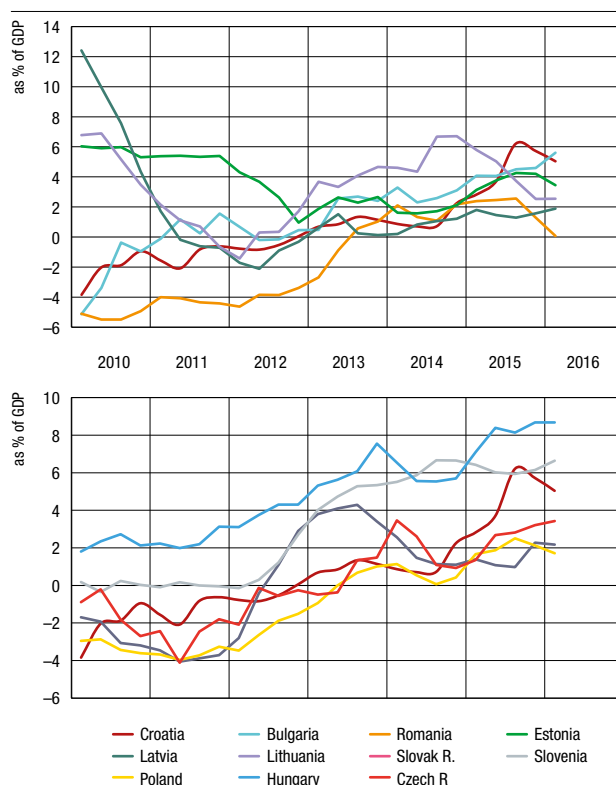
Source: Eurostat.

predominantly aided by the nominal effective depreciation of the zloty, while in Romania the improvement was a result of the relatively more favourable change in domestic prices vis-a-vis its main trading partners.

In the majority of CEE countries the third quarter of 2016 registered an increase in the annual consumer price inflation rate, the most in Romania and Bulgaria. The average annual inflation rate in July and August ranged between -1.3% in Croatia and 1.0% in Estonia. The rise in the annual rate of change in the prices of energy and food largely contributed to the increase in the annual inflation rate in the majority of countries under review, mostly as a result of the base effect, that is, the decline in these prices over the third quarter of 2015. This effect was most pronounced in respect of food prices in Romania amid a strong decline of these prices due to the lowering of taxes on food products in the third quarter of 2015.

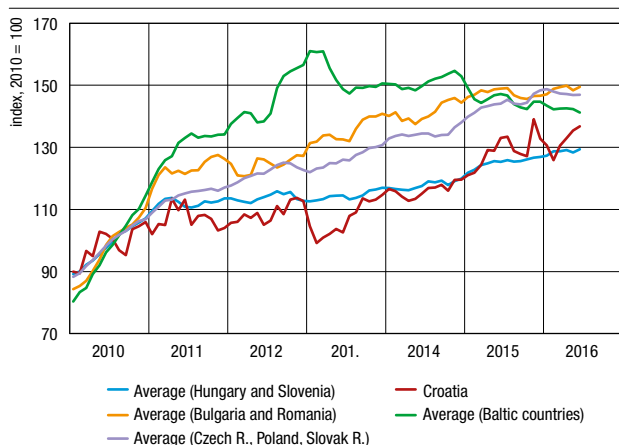
Net capital outflow from CEE countries continued in the first quarter 2016, taking into account the common cumulative values in the balance in the financial account of the balance of payments (excluding the change in international reserves). Hungary registered the largest capital outflow, exceeding 16% of GDP, which resulted from deleveraging under the item of other and portfolio investments. Slovenia and Estonia also saw stronger capital outflows. Croatia was also among the countries with prominent capital outflows, spurred by deleveraging in the account of other investments. On the other hand, the Czech Republic and Lithuania registered the strongest net capital inflows. The changes in international reserves were in line with these developments so the Czech Republic boasted their highest growth and Hungary their largest fall. At the same time, the already modest net inflow of foreign direct investments into countries under review continued shrinking.

**Figure 10.4 Current and capital account balance**  
sum of the last four quarters



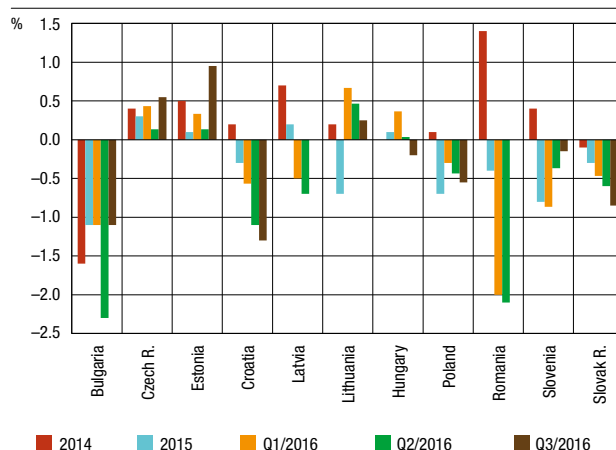
Sources: Eurostat and CNB.

**Figure 10.5 Goods exports**  
quarterly moving average, seasonally adjusted data



Sources: Eurostat and CNB.

**Figure 10.7 Consumer price inflation**  
average year-on-year rate of change



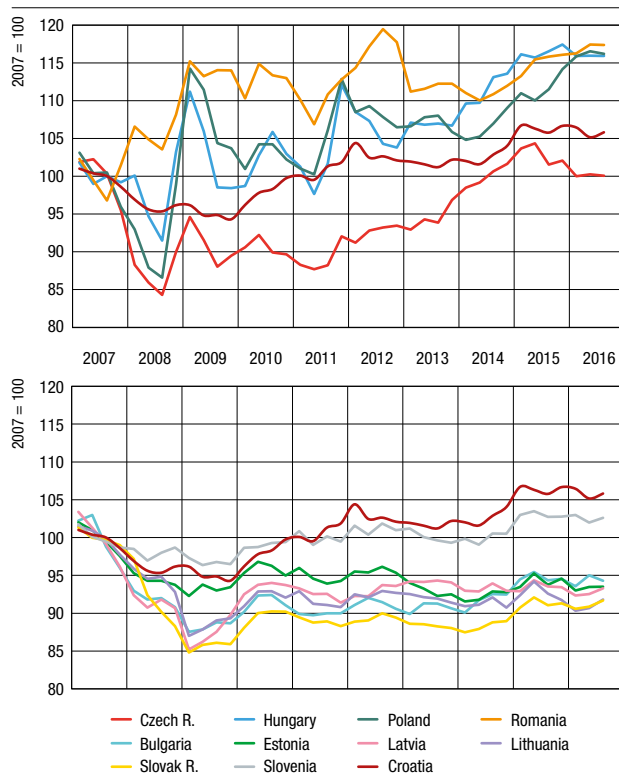
Note: Data for the third quarter of 2016 refer to July and August.  
Source: Eurostat.

Among relatively different developments in the external debt of CEE countries it is visible that in the first quarter of 2016 Croatia boasted the greatest decrease in external debt, with its gross debt falling to 100.1% of GDP at the end of March (from 103.7% of GDP at the end of 2015). This was a result of the decrease in the foreign liabilities of the general government, credit institutions and other domestic sectors. In addition to Croatia, Hungary boasted a more prominent decline in external debt, primarily due to the deleveraging of the general government and corporates towards their affiliated creditors, as well as Slovakia, due, among

other things, to the fall in liabilities of other domestic sectors. On the other hand, the growth of external debt was the strongest in Latvia and Lithuania, as a consequence of the growth in the central bank's liabilities and additional borrowing by Lithuanian credit institutions.

Credit default swaps of all countries under review were lower at the end of September 2016 than at the end of the previous year. Croatia's credit default swaps saw the greatest fall, but remained at a level higher than in any of the comparable countries. The United Kingdom's EU referendum decision led to a momentary

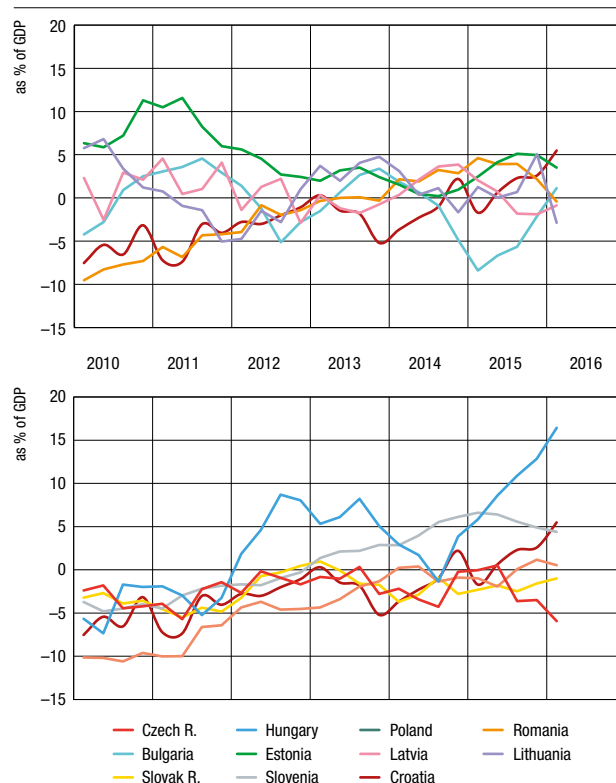
**Figure 10.6 Real effective exchange rate (deflated by consumer prices) in selected countries**



Note: Data for the third quarter of 2016 refer to July and August. A fall in the index denotes a real effective appreciation.

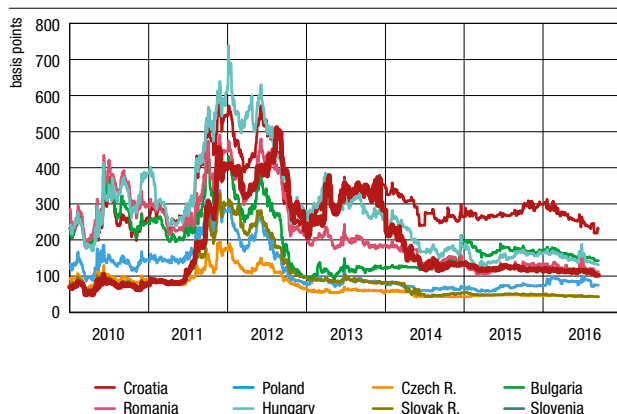
Sources: BIS and CNB calculations.

**Figure 10.8 Balance of payments financial account balance, excluding the change in international reserves**  
sum of the last four quarters



Sources: Eurostat and CNB.

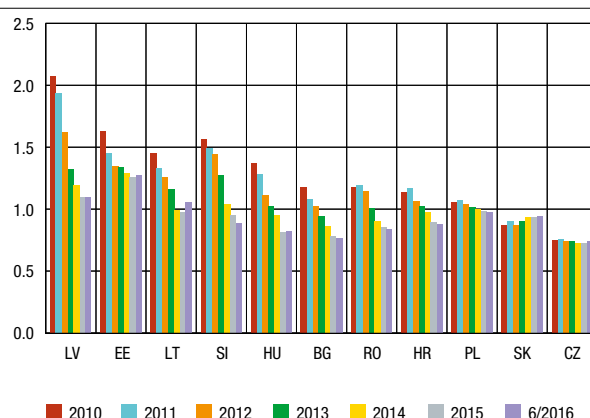
Figure 10.9 CDS spreads for 5-year government bonds of selected countries



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.

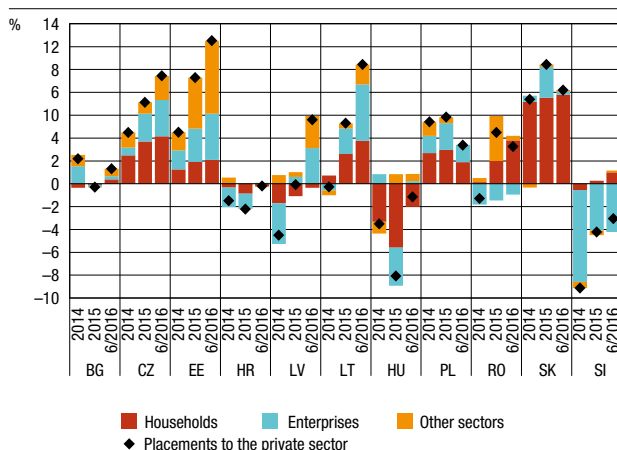
Source: Bloomberg.

Figure 10.12 Placement to deposit ratio of the private sector



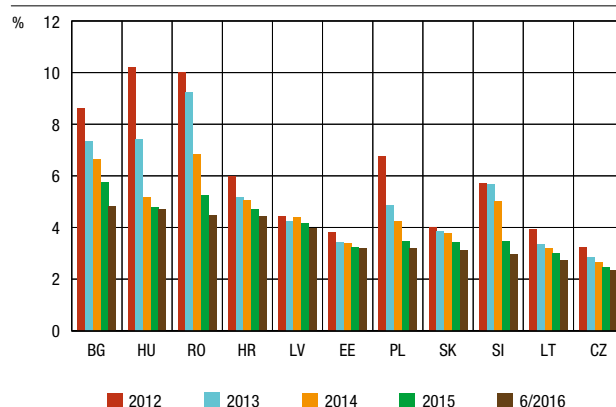
Sources: ECB and CNB.

Figure 10.10 Bank placements to the private sector contribution to the year-on-year rate of change, transaction-based



Sources: ECB and CNB.

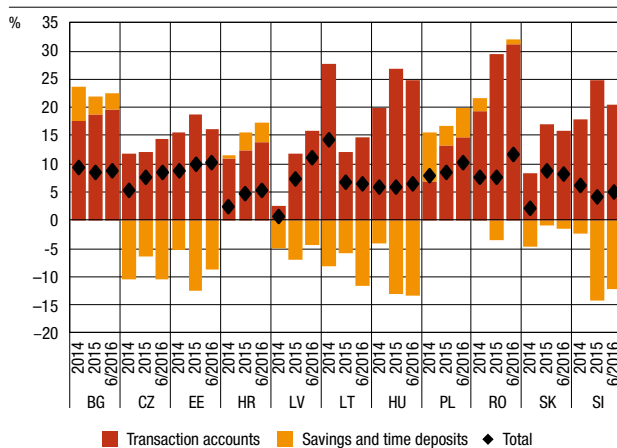
Figure 10.13 Short-term interest rates on corporate loans



Note: Includes average interest rates on corporate loans up to EUR 1m and with a maturity of up to 1 year.

Source: ECB.

Figure 10.11 Private sector deposits year-on-year rate of change, excluding the exchange rate effect



Sources: ECB and CNB.

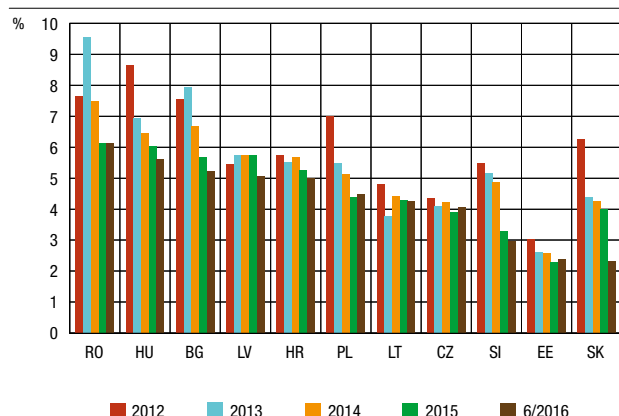
jump in the CDS market, which was especially noticeable in the context of Romania, Hungary and Poland at the end of June. However, this effect was short term so risk premiums decreased to levels more favourable than before the referendum in the coming months.

Credit activity in most countries under review boasted growth on an annual level in mid 2016, Baltic countries, the Czech Republic and Slovakia leading the way. Estonia, which observed a noticeable jump in loans granted by other financial institutions, registered the strongest growth in placements. Credit activity intensified in Latvia and Lithuania as well, largely as a result of increased lending to corporates. The Czech Republic and especially Slovakia observed the highest growth among household placements. In Slovenia and Hungary, the decrease in lending slowed down compared to previous years, while in Croatia it stopped.

Private sector deposits continued increasing in all countries under review, Romania, Latvia, Poland and Estonia having the highest rates. These developments were aided by the continuation of the strong growth of assets in transaction accounts amid continued decline in deposit interest rates and the recovery in economic activity. In line with the stronger growth of more liquid

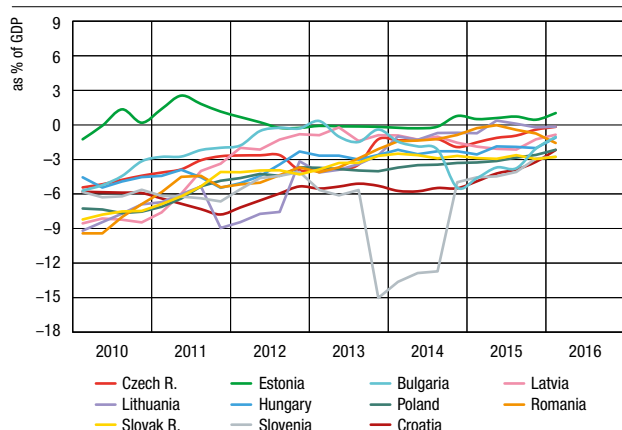


Figure 10.14 Interest rates on home loans



Sources: ECB and NCBs.

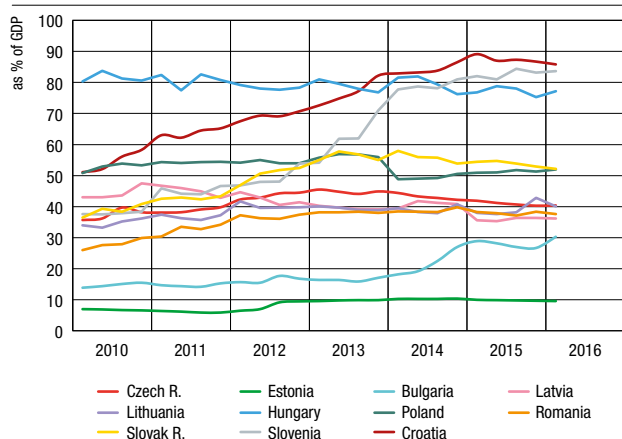
Figure 10.15 Consolidated general government balance four-quarter moving sums



Note: Quarterly data for Croatia in the 2007–2012 period were obtained by linear interpolation of the annual data.

Sources: Eurostat and CNB.

Figure 10.16 General government debt end-quarter stock



Sources: Eurostat and CNB.

forms of assets, savings and time deposits decreased in most countries. Developments in Croatia stayed in line with those in other countries.

In the middle of 2016, the placement to deposit ratio stagnated in most countries relative to the end of the previous year, stabilising at much lower rates than in the pre-crisis period. A noticeable growth of this indicator was observed in Lithuania, so placements exceeded deposits in the middle of the year only in the Baltic countries.

In the first half of 2016, short-term interest rates on corporate loans continued trending downwards in the majority of countries as they did over the last few years, stagnating only in Estonia and Hungary. Bulgaria, Romania and Slovenia saw the greatest fall in interest expenses, while these interest rates remained the lowest in the Czech Republic. Short-term interest rates for corporate financing in Croatia continued to follow the movements of the CEE average, at a slightly higher level.

Interest rates on home loans also went down in the majority of the observed countries in the first half of 2016, with the exception of Slovakia and Latvia. On the other hand, a mild increase in interest rates was observed in the Czech Republic, Estonia and Poland. In Croatia these interest rates went down but slower than the average.

All countries under review continued the process of fiscal consolidation in the first quarter of 2016. Thus, the share of GDP deficit measured by the moving sum of the past four quarters went down in all countries, except Romania. The greatest improvement was seen in Croatia which no longer stood out as the country with the highest deficit among all CEE countries. As for the indicator of the share of debt in GDP, Estonia boasts the most favourable figure of 9.6% of GDP. As well as in Croatia, where the share of debt reached 85.6% of GDP in the first quarter of 2016, the benchmark level of 60% of GDP was exceeded by Slovenia and Hungary. It is noteworthy that general government debt in all countries apart from Hungary and Bulgaria either stagnated or was reduced in the period under review.



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# Statistical survey



## Classification and presentation of data on claims and liabilities

The Croatian National Bank has begun to implement the ESA 2010 standard in its statistics, which also implies a revision of the historical data produced under the ESA 1995 standard. ESA 2010 is applied to external statistics (tables on the balance of payments, international investment position and external debt), general government debt statistics and to monetary statistics. The introduction of ESA 2010 in external relations statistics is only a part of a broad set of changes arising from the application of the methodology under the IMF's Balance of Payments and International Investment Position Manual, 6th edition (BPM6).

Among others, the implementation of ESA 2010 introduces changes in the part of the sector classification of institutional units. Thus, the sector classification of counterparties will be made in accordance with the Decision on the statistical classification of institutional sectors, which is published by the Central Bureau of Statistics (CBS). This classification by sectors is based on the European System of Accounts (ESA 2010), a mandatory statistical standard of the European Union, and is aligned with the basic international statistical standard – the System of National Accounts (SNA 2008).

**Table 1 Overview of the sector classification under ESA 2010**

Sector classification under ESA 2010	
<b>Non-financial corporations</b>	
Public non-financial corporations	
National private non-financial corporations	
Foreign controlled non-financial corporations	
<b>Financial corporations</b>	
Monetary financial institutions	
Central bank	
Other monetary financial institutions	
Deposit-taking corporations, except the central bank (Credit institutions)	
Money market funds	
Financial corporations, except monetary financial institutions and insurance corporations and pension funds (Other financial corporations)	
Non-money market investment funds	
Other financial intermediaries, except insurance corporations and pension funds (Other financial intermediaries)	
Financial auxiliaries	
Captive financial institutions and money lenders	
Insurance corporations	
Pension funds	
<b>General government</b>	
Central government	
State government	
Local government	
Social security funds	
<b>Households</b>	
<b>Non-profit institutions serving households</b>	
<b>Rest of the world</b>	

Data on claims and liabilities are classified according to institutional sectors and financial instruments

The **non-financial corporations** sector consists of public non-financial corporations, national private non-financial corporations and foreign controlled non-financial corporations. This sector covers all institutional units which meet the criteria prescribed by the sector classification of institutional units for the relevant subsector. Non-financial corporations consist of institutional units which are independent legal entities and market producers, and whose principal activity is the production of goods and (or) non-financial services.

The major changes relate to the **financial corporations** sector.

The financial corporations sector is subdivided into the following subsectors: monetary financial institutions, other financial corporations, insurance corporations and pension funds.

Monetary financial institutions consist of the central bank and other monetary financial institutions. The central bank is the Croatian National Bank. Other monetary financial institutions consist of deposit-taking corporations except the central bank and money market funds. Deposit-taking corporations except the central bank are credit institutions (banks, savings banks and housing savings banks). Credit institutions are institutions authorised by the Croatian National Bank under the Credit Institutions Act. The credit institutions sector does not include banks undergoing liquidation or bankruptcy proceedings. Money market funds include all financial corporations and quasi-corporations, except those classified in the central bank and in the credit institutions subsector, which are principally engaged in financial intermediation. Their business is to issue investment fund shares or units and make investments primarily in short-term debt instruments, deposits and money market fund shares or units. Their investment objective is to maintain the principal of the fund and generate yield in accordance with interest rates on money market instruments.

Other financial corporations consist of investment funds other than money market funds, other financial intermediaries, financial auxiliaries and captive financial institutions and money lenders.

Non-money market investment funds consist of all forms of collective investment schemes, except those classified in the money market funds subsector, which are principally engaged in financial intermediation. Their business is to issue investment fund shares or units which are not close substitutes for deposits and, on their own account, to make investments primarily in long-term financial assets.

Other financial intermediaries are institutions which are principally engaged in financial intermediation by incurring liabilities in forms other than currency, deposits, and close substitutes for deposits. They include leasing companies, factoring corporations, banks undergoing liquidation or bankruptcy proceedings, credit unions, etc.

Financial auxiliaries are institutions which are principally engaged in auxiliary financial activities and include, for instance, stock exchanges, exchange offices, financial regulatory authorities, insurance agents and brokers, investment firms, investment and pension fund management companies, the Central Depository and Clearing Company (CDCC), the Croatian Financial Services Supervisory Agency (HANFA), the Financial Agency (FINA), etc.

Captive financial institutions and money lenders include all financial corporations and quasi-corporations which are neither engaged in financial intermediation nor in providing financial auxiliary services and where most of their assets or their liabilities are not transacted on open markets. They include in particular: (a) units as legal entities such as trusts, estates, agencies accounts or "brass plate" companies; (b) holding companies that hold controlling levels of equity of a group of subsidiary corporations and whose principal activity is owning the group without administering or managing the group and providing any other service to the businesses in the group; (c) special purpose entities that qualify as institutional units and raise funds in open markets to be used by their parent corporations; (d) units which

provide financial services exclusively with own funds, or funds provided by a sponsor and incur the financial risk of the debtor defaulting. Examples are money lenders, corporations engaged in lending to students or for foreign trade from funds received from a sponsor such as a government unit or a non-profit institution, and pawnshops that predominantly engage in lending; (e) special purpose government funds, usually called sovereign wealth funds, if classified as financial corporations.

Insurance corporations consist of all financial corporations and quasi-corporations which are principally engaged in financial intermediation as a consequence of the pooling of risks mainly in the form of direct insurance or reinsurance.

Pension funds consist of all financial corporations and quasi-corporations which are principally engaged in financial intermediation as a consequence of the pooling of social risks and needs of the insured persons (social insurance). Pension funds as social insurance schemes provide income in retirement, and often benefits for death and disability.

The **general government** sector consists of institutional units which are non-market producers whose output is intended for individual and collective consumption, and are financed by compulsory payments made by units belonging to other sectors, and institutional units principally engaged in the redistribution of national income and wealth.

It consists of the following subsectors: central government, state government, local government and social security funds. The central government consists of state administration bodies (ministries, offices of the Government of the Republic of Croatia, state administration organisations and state administration offices in counties) and Croatian Motorways (from January 2008), Rijeka – Zagreb Motorway, Croatian Roads, Croatian Waters, Croatian Radiotelevision, Croatian Railways Infrastructure, Croatian Energy Market Operator (HROTE), Croatian Agency for SMEs, Innovations and Investments (HAMAG Bicro), Croatian Energy Regulatory Agency (HERA), the State Agency for Deposit Insurance and Bank Resolution (DAB) and the Croatian Bank for Reconstruction and Development.

Social security funds include the Croatian Pension Insurance Administration, the Croatian Institute for Health Insurance and the Croatian Employment Service. Local government includes units of local and regional self-government and institutional units established and controlled by the local government. There is no state government subsector in the Republic of Croatia.

The **households** sector primarily consists of individual consumers but also of individual consumers and entrepreneurs (market producers). This sector also includes individuals or groups of individuals as producers of goods and non-financial services for exclusively own final use.

The **non-profit institutions serving households** sector consists of non-profit institutions which are separate legal entities, which serve households and which are private non-market producers. Their principal resources are voluntary contributions in cash or in kind from households in their capacity as consumers, from payments made by government and from property income.

The **rest of the world** sector is a grouping of units without

any characteristic functions and resources; it consists of non-resident units insofar as they are engaged in transactions with resident institutional units, or have other economic links with resident units. Its accounts provide an overall view of the economic relationships linking the national economy with the rest of the world. The institutions of the EU and international organisations are included. The rest of the world sector includes all foreign natural and legal persons.

Due to changes in the sector classification, all statistical series shown in the group of tables H International economic relations and Table I3 General government debt have been revised. All statistical series have been revised in tables A to G of the Statistical survey, that is: from 31 December 2010, in the part that refers to the sector classification of institutional units, from 30 June 2006, in the part that refers to the change in the methodological treatment of kuna positions indexed to foreign currency, and from 31 December 2011, in the part that refers to expanding the scope of other monetary financial institutions (to include money market funds). Data begin to be published in the group of tables E.

Up to November 2010, the sector classification in tables of the A – G group was based on the sector classification under the Decision on the Chart of Accounts for Banks, and data were based on the reporting system in accordance with the Decision relating to the bank statistical report. From December 2010 on, the sector classification of counterparties is made in accordance with the Decision on the statistical classification of institutional sectors published by the Central Bureau of Statistics (CBS). This classification by sectors is based on the European System of Accounts (ESA 2010). The data are based on the reporting system in accordance with the Decision on statistical and prudential reporting.

All data on claims and liabilities in tables A1 to D12 refer to balances at the end of the reporting period, and in tables D1 and D5, also to monthly net transactions. The value of transactions during the reporting period is calculated as the difference between the balance of financial positions at the end of the period (current and previous month) adjusted by the movement in the exchange rate, revaluation and reclassification. Revaluations comprise loans write-offs and price adjustments of securities. Reclassifications cover the changes in the balance sheet balances incurred because of the changes in the composition and structure of monetary financial institutions (e.g. disappearance of a reporting unit from the reporting population because of liquidation or bankruptcy), a change in the classification of financial instruments or changes in statistical definitions.

Foreign currency items are reported in their kuna equivalent at the CNB's midpoint exchange rate at the end of the reporting period. In tables where there is a breakdown into kuna and foreign currency items, foreign currency items include kuna items indexed to foreign currency. All items are reported on a gross basis (i.e. before value adjustments).

## A Monetary and credit aggregates

Table A1 Monetary and credit aggregates<sup>a</sup>  
end of period, in million HRK and %

Year	Month	Reserve money	Money M1	Broadest money M4	Monetary aggregates according to the ECB's definition			Net domestic assets	Domestic credit	Monthly rates of growth						
					M1	M2	M3			Broadest money M4	Monetary aggregates according to the ECB's definition	Net domestic assets				
													Reserve money	Money M1	Broadest money M4	M1
2001	December	17,803.2	23,688.1	107,189.5	...	...	...	58,528.2	74,976.2	8.01	12.97	11.75	...	...	3.71	1.17
2002	December	23,027.9	30,850.7	118,098.3	...	...	...	85,280.9	97,557.1	10.72	6.10	1.87	...	...	8.11	2.16
2003	December	30,586.2	33,888.7	131,921.9	...	...	...	99,150.5	111,849.0	8.90	1.78	0.29	...	...	3.24	0.66
2004	December	33,924.4	34,562.1	143,851.7	...	...	...	112,119.8	127,681.7	8.69	2.86	0.33	...	...	2.22	2.00
2005	December	40,390.8	38,817.1	159,167.3	...	...	...	135,873.9	149,743.8	9.38	4.34	0.04	...	...	1.85	1.86
2006	December	46,331.2	48,521.0	188,080.9	...	...	...	160,528.1	184,675.5	3.17	4.75	1.61	...	...	3.36	3.01
2007	December	51,923.9	57,878.3	221,726.6	...	...	...	172,320.0	213,048.8	3.73	6.71	3.93	...	...	3.51	2.67
2008	December	49,743.0	55,222.3	230,792.5	...	...	...	189,134.4	235,840.0	-9.89	8.17	3.17	...	...	5.61	2.06
2009	December	56,141.9	47,181.7	228,521.7	...	...	...	186,016.1	234,506.4	4.55	3.13	-0.19	...	...	-0.81	0.11
2010	December	56,249.1	47,974.1	232,802.6	74,800.4	204,448.4	204,469.4	190,934.0	245,564.3	2.81	-0.76	-2.12	-	-	-0.02	-1.39
2011	December	62,379.2	51,489.3	245,955.3	78,088.6	207,753.7	214,659.6	214,784.1	257,362.6	3.81	3.48	2.81	1.47	-0.10	5.77	1.02
2012	December <sup>b</sup>	61,264.7	51,938.5	254,741.5	79,047.1	212,108.1	221,041.9	207,290.5	242,086.5	3.19	4.10	0.11	3.52	-0.32	0.40	-2.17
2013	December	62,693.1	57,897.8	264,927.0	87,040.7	218,213.6	227,576.3	202,603.4	240,772.8	2.31	2.85	0.30	1.04	0.02	0.38	-0.68
2014	December	63,318.0	63,437.3	273,305.2	95,985.9	220,482.2	229,608.3	198,183.5	237,004.6	1.10	4.56	-0.24	3.29	-0.15	0.38	-0.54
2015	September	66,236.2	69,378.6	287,380.7	111,187.3	232,825.1	241,817.8	194,805.2	233,733.2	5.19	-0.78	2.29	4.35	2.88	0.88	0.04
	October	63,762.0	68,934.1	287,782.1	107,576.7	232,736.4	241,834.9	192,756.9	231,656.6	-3.74	-0.64	0.14	-3.25	-0.04	0.01	-0.89
	November	62,221.4	69,197.7	288,419.0	108,010.6	232,398.5	241,626.7	192,681.6	231,876.0	-2.42	0.38	0.22	0.40	-0.15	-0.09	0.09
	December	63,748.5	70,662.7	287,375.6	109,631.9	231,506.6	240,426.3	194,463.1	230,044.4	2.45	2.12	-0.36	1.50	-0.38	0.92	-0.79
2016	January	65,007.5	68,411.3	285,773.6	107,864.8	229,320.6	238,281.0	193,496.4	227,630.6	1.97	-3.19	-0.56	-1.61	-0.94	-0.89	-1.05
	February	65,855.4	68,202.9	284,012.5	107,799.9	227,523.4	236,690.2	194,172.2	228,498.7	1.30	-0.30	-0.62	-0.06	-0.78	0.35	-0.50
	March	62,698.0	67,604.8	280,439.9	108,115.7	224,046.6	233,119.7	194,847.9	224,760.1	-4.79	-0.88	-1.26	0.29	-1.53	0.35	-0.77
	April	63,347.8	68,286.6	281,229.8	109,592.3	223,608.4	233,477.4	197,217.6	224,953.6	1.04	1.01	0.28	1.37	-0.20	0.15	0.09
	May	63,587.2	71,459.2	283,219.5	112,313.8	225,570.2	234,948.6	197,958.7	225,141.0	0.38	4.65	0.71	2.48	0.88	0.63	0.08
	June	66,289.1	75,612.6	288,217.1	118,455.6	230,133.6	239,517.3	196,910.2	222,946.4	4.25	5.81	1.76	5.47	2.02	1.94	-0.97
	July	64,873.3	79,322.8	296,215.0	125,253.6	236,205.0	246,348.3	196,510.6	222,249.9	-2.14	4.91	2.43	5.74	2.64	2.85	-0.31
	August	63,913.8	80,317.9	300,653.6	130,877.5	241,015.8	251,719.4	192,098.7	221,265.8	-1.48	1.25	1.84	4.49	2.04	2.18	-0.44
From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include claims on other domestic sectors tell by HRK 5.6bn in December 2012. This fall was fully attributable to a transaction of one credit institution which, in an effort to reduce the amount of party recoverable and fully irrecoverable placements, transferred a total of HRK 5.6bn in its claims to a company indirectly owned by a parent bank.																

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBPD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds. <sup>b</sup> Within Domestic credit, claims on other domestic sectors fell by HRK 5.6bn in December 2012. This fall was fully attributable to a transaction of one credit institution which, in an effort to reduce the amount of party recoverable and fully irrecoverable placements, transferred a total of HRK 5.6bn in its claims to a company indirectly owned by a parent bank.



**Table A1 Monetary and credit aggregates** • The table shows data on some basic monetary and credit aggregates, including their monthly growth rates.

In February 2015, data on all the monetary aggregates have been revised, that is: from 31 December 2010, in the part that refers to the sector classification of institutional units and the change in the methodological treatment of kuna positions indexed to foreign currency, and from 31 December 2011, in the part that refers to expanding the scope of other monetary financial institutions (to include money market funds).

Reserve money is taken over in its entirety from the Balance sheet of the Croatian National Bank (Table C1).

Money (M1) is defined in the same way as the corresponding item in the Consolidated balance sheet of monetary financial institutions (Table B1). It comprises currency outside credit institutions, deposits with the CNB by other financial institutions as well as demand deposits with credit institutions.

Broadest money (M4) comprises money (M1), savings and time deposits, foreign currency deposits as well as bonds and money market instruments and money market funds' shares/units (all components are taken over from the Consolidated balance sheet of monetary financial institutions, Table B1).

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

Up to November 2010, Domestic credit comprised banks' and housing savings banks' claims on other domestic sectors,

other banking institutions and non-banking financial institutions.

From December 2010 on, Domestic credit comprises credit institutions' claims on other domestic sectors, other financial intermediaries, financial auxiliaries as well as insurance corporations and pension funds.

From November 2015 on, the Croatian National Bank presents the monetary aggregates as defined by the European Central Bank.

Monetary aggregates comprise monetary liabilities of monetary financial institutions to non-MFI Croatian residents excluding central government.

Monetary aggregate M1 (a "narrow" monetary aggregate) comprises currency in circulation and overnight deposits in kuna and foreign currency. Overnight deposits comprise transaction accounts (including restricted deposits), savings deposits and overnight loans.

Monetary aggregate M2 (an "intermediate" monetary aggregate) comprises monetary aggregate M1, time deposits in kuna and foreign currency with original maturity of up to and including two years (including loans received, except overnight loans and repurchase agreements) and deposits redeemable at a period of notice of up to and including three months.

Monetary aggregate M3 (a "broad" monetary aggregate) comprises monetary aggregate M2, repurchase agreements, money market fund shares and units as well as debt securities with original maturity of up to and including two years.

## B Monetary financial institutions

**Table B1 Consolidated balance sheet of monetary financial institutions<sup>a</sup>**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec. <sup>b</sup>	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
<b>ASSETS</b>										
1 Foreign assets (net)	41,868.6	31,171.3	47,451.0	62,323.7	75,121.6	92,912.5	85,592.1	91,306.8	98,704.4	108,554.9
2 Domestic credit	276,273.5	303,669.9	300,540.9	295,940.9	295,996.1	295,295.1	290,484.8	292,302.1	291,933.0	288,017.9
2.1 Claims on central government and social security funds (net)	30,709.2	46,307.3	58,454.3	55,168.1	58,991.5	65,250.7	65,724.7	69,355.7	69,683.2	66,752.2
2.2 Claims on other domestic sectors	241,270.0	251,964.1	236,414.5	234,117.8	229,571.6	222,534.4	217,162.8	215,708.4	215,069.7	213,984.4
2.3 Claims on other banking institutions	....	....	....	....	....	....	....	....	....	....
2.4 Claims on non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
2.5 Claims on non-MMF investment funds	384.2	358.1	324.5	322.7	336.2	396.4	574.3	502.5	565.5	634.8
2.6 Claims on other financial intermediaries	2,292.0	3,869.5	4,017.4	4,322.3	5,016.2	4,710.7	4,648.6	4,668.6	4,666.0	4,755.9
2.7 Claims on financial auxiliaries	963.7	1,033.1	1,068.4	1,247.7	1,335.7	1,126.9	1,044.5	1,323.9	1,339.0	1,307.9
2.8 Claims on insurance corporations and pension funds	654.3	137.8	261.8	762.4	744.9	1,276.0	1,330.0	743.1	609.7	582.9
<b>Total (1+2)</b>	<b>318,142.1</b>	<b>334,841.2</b>	<b>347,991.9</b>	<b>358,264.5</b>	<b>371,117.7</b>	<b>388,207.6</b>	<b>376,076.9</b>	<b>383,608.9</b>	<b>390,637.4</b>	<b>396,572.8</b>
<b>LIABILITIES</b>										
1 Money	47,974.1	51,489.3	51,938.5	57,897.8	63,437.3	70,662.7	67,604.8	75,612.6	79,322.8	80,317.9
2 Savings and time deposits	29,142.0	33,676.8	31,689.8	33,407.1	34,471.8	35,207.0	35,411.4	35,625.3	35,975.9	35,795.9
3 Foreign currency deposits	154,697.9	152,197.1	160,443.7	162,656.3	164,866.6	171,323.9	167,106.3	166,425.8	168,611.2	172,677.3
4 Bonds and money market instruments	988.6	1,728.7	2,412.0	1,995.3	2,161.3	2,177.8	2,299.9	1,815.6	1,967.5	2,262.1
5 MMFs shares/units	....	6,863.4	8,257.6	8,970.5	8,368.1	8,004.2	8,017.5	8,737.9	9,337.5	9,600.3
6 Restricted and blocked deposits	3,580.9	3,399.7	5,274.1	4,718.4	3,216.1	4,009.7	3,710.5	3,736.8	3,364.0	3,143.0
7 Other items (net)	81,758.6	85,486.2	87,976.2	88,619.1	94,596.5	96,822.3	91,926.5	91,655.1	92,058.4	92,776.2
<b>Total (1+2+3+4+5+6+7)</b>	<b>318,142.1</b>	<b>334,841.2</b>	<b>347,991.9</b>	<b>358,264.5</b>	<b>371,117.7</b>	<b>388,207.6</b>	<b>376,076.8</b>	<b>383,608.9</b>	<b>390,637.4</b>	<b>396,572.8</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds. <sup>b</sup> Claims on other domestic sectors fell by HRK 5.6bn in December 2012. This fall was fully attributable to a transaction of one credit institution which, in an effort to reduce the amount of partly recoverable and fully irrecoverable placements, transferred a total of HRK 5.6bn in its claims to a company indirectly owned by a parent bank.

**Table B1 Consolidated balance sheet of monetary financial institutions** • The Consolidated balance sheet of monetary financial institutions shows consolidated data from the Balance sheet of the Croatian National Bank (Table C1) and the Consolidated balance sheet of other monetary financial institutions (Table D1).

In March 2013, data on all the items have been revised from July 1999 onward to include housing savings banks in addition to the Croatian National Bank, banks and savings banks. In February 2015, all of the data have been revised, that is: from 31 December 2010, in the part that refers to the sector classification of institutional units and the change in the methodological treatment of kuna positions indexed to foreign currency, and from 31 December 2011, in the part that refers to expanding the scope of other monetary financial institutions (to include money market funds). In June 2015, all of the data have been revised, that is: from 30 June 2006, in the part that refers to the change in the methodological treatment of kuna positions indexed to foreign currency.

Foreign assets (net) is a difference between total foreign assets and total foreign liabilities of the CNB and other monetary financial institutions.

Domestic credit is the sum of the corresponding items in the Balance sheet of the Croatian National Bank and the Consolidated balance sheet of other monetary financial institutions. Claims on the central government are reported on a net basis, i.e. decreased by central government deposits with the CNB and other monetary financial institutions.

Money is the sum of currency outside credit institutions, deposits by other financial institutions with the CNB and demand deposits with credit institutions (item Demand deposits in the Consolidated balance sheet of other monetary financial institutions, Table D1).

Items Savings and time deposits, Foreign currency deposits as well as Bonds and money market instruments are entirely taken over from the Consolidated balance sheet of other monetary financial institutions, while item Restricted and blocked deposits represents the sum of the corresponding items in the Balance sheet of the Croatian National Bank (excluding credit institutions' blocked deposits with the CNB) and the Consolidated balance sheet of other monetary financial institutions. Issued shares/units refer to the money market funds' issued shares/units. Other items (net) are unclassified liabilities decreased by unclassified assets.

Table B2 Number of other reporting monetary financial institutions and their classification by total assets

Year	Month	Total number of other monetary financial institutions	Total number of credit institutions	Banks	Savings banks	Housing savings banks	Savings banks <sup>a</sup>	Money market funds	Other monetary financial institutions 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
1	2	3 = 4 + 9	4 = 5 to 8	5	6	7	8	9	10	11	12	13	14	15
2001	December	69	69	44	0	4	21	0	20	20	8	7	10	4
2002	December	59	59	46	0	3	10	0	12	16	9	9	8	5
2003	December	53	53	42	0	4	7	0	7	16	9	7	8	6
2004	December	49	49	39	0	4	6	0	7	13	10	8	5	6
2005	December	43	43	36	0	4	3	0	4	10	8	8	7	6
2006	December	43	43	35	0	5	3	0	6	6	6	11	6	8
2007	December	42	42	35	0	5	2	0	5	5	2	16	5	9
2008	December	43	43	35	1	5	2	0	4	8	1	14	7	9
2009	December	43	43	34	2	5	2	0	5	6	3	14	7	8
2010	December	38	38	32	1	5	0	0	1	5	2	12	10	8
2011	December	59	37	31	1	5	0	22	9	15	4	12	11	8
2012	December	56	36	30	1	5	0	20	6	15	3	13	11	8
2013	December	55	35	29	1	5	0	20	6	14	4	13	10	8
2014	December	53	33	27	1	5	0	20	5	13	4	13	9	9
2015	September	52	33	27	1	5	0	19	4	12	5	14	8	9
	October	52	33	27	1	5	0	19	4	12	5	14	8	9
	November	52	33	27	1	5	0	19	4	12	4	15	8	9
	December	52	33	27	1	5	0	19	4	12	5	14	8	9
2016	January	52	33	27	1	5	0	19	4	12	5	13	9	9
	February	52	33	27	1	5	0	19	4	11	6	11	11	9
	March	52	33	27	1	5	0	19	4	11	6	14	8	9
	April	52	33	27	1	5	0	19	4	12	4	14	9	9
	May	52	33	27	1	5	0	19	4	12	4	13	10	9
	June	52	33	27	1	5	0	19	3	13	4	12	11	9
	July	51	32	26	1	5	0	19	3	12	4	11	12	9
	August	51	32	26	1	5	0	19	3	12	4	11	12	9

<sup>a</sup> Savings banks operated under the Act on Banks and Savings Banks of 1993.

**Table B2 Number of other reporting monetary financial institutions and their classification by total assets** • The table shows the total number of credit institutions and money market funds which report monthly to the CNB. Their operations are shown in the Consolidated balance sheet of other monetary financial institutions.

Up to February 2005, monetary statistics included institutions

whose authorisations have been withdrawn, but which have not initiated winding-up proceedings. Up to November 2010, monetary statistics included institutions undergoing winding-up proceedings.

The table also shows the classification of reporting credit institutions and money market funds according to their total assets.

Table C1 Balance sheet of the Croatian National Bank<sup>a</sup>  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
ASSETS										
1 Foreign assets	78,728.2	84,302.0	84,782.1	98,583.0	97,206.1	104,650.6	100,003.4	99,127.2	106,283.2	108,956.4
1.1 Gold	–	–	–	–	–	–	–	–	–	–
1.2 Holdings of SDRs	2,634.5	2,716.3	2,662.3	2,601.4	2,789.1	2,959.3	2,860.7	2,901.5	2,868.5	2,850.3
1.3 Reserve position in the IMF	1.4	1.4	1.4	1.4	1.6	2.0	1.9	2.0	2.0	2.0
1.4 Currency and demand deposits with foreign banks	1,483.0	1,887.2	10,647.4	7,576.9	3,878.5	3,504.4	3,238.2	4,931.4	3,467.7	3,104.4
1.5 Time deposits with foreign banks	22,702.9	18,676.4	6,298.8	20,819.1	22,153.9	33,510.0	21,698.9	18,436.5	26,279.2	27,826.9
1.6 Securities in f/c	51,906.5	61,020.7	65,172.2	67,584.3	68,383.0	64,674.9	71,504.5	70,916.8	71,361.2	71,602.5
1.7 Non-convertible foreign exchange	0.0	0.0	0.0	–	–	–	–	–	–	–
1.8 Other claims	–	–	–	–	–	–	699.3	1,939.0	2,304.7	3,570.3
2 Claims on central government	0.3	251.8	–	–	0.6	–	–	–	–	–
2.1 Claims in kuna	0.3	251.8	–	–	0.6	–	–	–	–	–
2.2 Claims in f/c	–	–	–	–	–	–	–	–	–	–
3 Claims on other domestic sectors	3.1	2.8	2.5	2.3	2.0	1.7	1.7	1.6	1.6	1.6
4 Claims on credit institutions	12.9	139.2	11.8	11.3	11.0	168.5	625.3	801.5	1,015.8	1,285.8
4.1 Loans to credit institutions	12.9	139.2	11.8	11.3	11.0	168.5	625.3	801.5	1,015.8	1,285.8
Lombard loans	–	–	–	–	–	–	–	–	–	–
Short-term liquidity loans	–	126.8	–	–	–	–	–	–	–	–
Other loans	12.9	12.4	11.8	11.3	11.0	10.5	10.3	10.0	9.9	9.9
Reverse repo loans (regular operations)	–	–	–	–	–	158.0	50.0	80.0	60.0	330.0
Reverse repo loans (structural operations)	–	–	–	–	–	–	565.0	711.5	945.9	945.9
4.2 Overdue claims	–	–	–	–	–	–	–	–	–	–
5 Claims on other financial institutions	0.7	0.7	–	–	–	–	–	–	–	–
Total (1+2+3+4+5)	78,745.2	84,696.5	84,796.4	98,596.6	97,219.6	104,820.8	100,630.3	99,930.4	107,300.7	110,243.8
LIABILITIES										
1 Reserve money	56,249.1	62,379.2	61,264.7	62,693.1	63,318.0	63,748.5	62,698.0	66,289.1	64,873.3	63,913.8
1.1 Currency outside credit institutions	15,262.7	16,689.1	16,947.0	17,420.6	18,520.2	20,148.6	19,795.8	22,248.4	23,834.1	23,672.0
1.2 Credit institutions' cash in vaults	4,048.7	4,253.9	4,681.0	4,564.7	4,635.8	5,169.3	5,175.3	5,498.7	5,748.0	6,338.5
1.3 Credit institutions' deposits	36,937.6	41,436.0	39,636.7	40,707.7	40,162.0	38,430.6	37,726.9	38,541.9	35,291.2	33,903.2
Settlement accounts	10,246.1	12,705.0	11,509.2	15,080.9	15,084.7	16,089.3	16,093.7	17,595.8	14,027.5	12,485.0
Statutory reserve in kuna	22,705.1	25,755.0	24,555.7	22,024.6	21,899.8	22,341.3	21,633.2	20,946.0	21,263.8	21,418.3
CNB bills on obligatory basis	–	–	–	3,602.2	3,177.4	–	–	–	–	–
Overnight deposits	3,986.4	2,976.0	3,571.9	–	–	–	–	–	–	–
1.4 Deposits of other financial institutions	–	0.2	–	–	0.0	–	0.0	–	–	–
2 Restricted and blocked deposits	5,979.3	5,754.0	7,954.8	6,401.2	3,884.9	3,881.8	72.5	76.4	73.8	67.4
2.1 Statutory reserve in f/c	4,773.2	5,538.3	5,094.5	4,418.8	3,744.8	3,802.2	–	–	–	–
2.2 Restricted deposits	1,206.0	215.8	2,860.2	1,982.5	140.1	79.6	72.5	76.4	73.8	67.4
2.3 Blocked f/c deposits	–	–	–	–	–	–	–	–	–	–
3 Foreign liabilities	2,638.5	2,711.5	2,648.4	3,219.1	3,699.5	12,918.4	14,036.8	11,014.4	19,108.8	18,323.8
3.1 Use of IMF credit	–	–	–	–	–	–	–	–	–	–
3.2 Liabilities to international institutions	2,638.5	2,711.5	2,648.4	3,219.1	3,408.3	3,325.4	3,219.2	3,162.5	3,197.4	3,245.7
3.3 Liabilities to foreign banks	–	0.0	0.0	0.0	291.2	9,593.0	10,817.6	7,852.0	15,911.4	15,078.1
4 Deposits of central government and social security funds	4,211.0	1,619.6	738.1	13,797.6	11,553.0	8,119.0	8,339.3	5,431.9	6,066.1	9,739.7
4.1 Demand deposits	1,484.5	1,030.1	659.7	3,139.7	2,991.2	4,974.8	6,400.6	3,621.0	5,066.8	6,094.9
Central government demand deposits	1,484.5	1,030.1	659.7	3,139.7	2,991.2	4,667.5	5,938.2	3,278.5	4,674.0	5,635.4
Demand deposits of social security funds	–	–	–	–	–	307.3	462.4	342.5	392.8	459.5
4.2 Central government f/c deposits	2,726.4	589.5	78.5	10,657.9	8,561.8	3,144.2	1,938.7	1,810.9	999.4	3,644.9
4.3 CNB bills	–	–	–	–	–	–	–	–	–	–

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
5 CNB bills	-	-	-	-	-	-	-	-	-	-
5.1 CNB bills in kuna	-	-	-	-	-	-	-	-	-	-
5.2 CNB bills in f/c	-	-	-	-	-	-	-	-	-	-
6 Capital accounts	10,460.3	13,076.9	13,068.5	13,407.7	15,699.2	17,192.3	15,843.3	16,233.8	15,930.0	15,691.0
7 Other items (net)	-792.9	-844.6	-878.1	-922.0	-934.9	-1,039.2	-359.6	884.8	1,248.6	2,508.0
<b>Total (1+2+3+4+5+6+7)</b>	<b>78,745.2</b>	<b>84,696.5</b>	<b>84,796.4</b>	<b>98,596.6</b>	<b>97,219.6</b>	<b>104,820.8</b>	<b>100,630.3</b>	<b>99,930.4</b>	<b>107,300.7</b>	<b>110,243.8</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial institutions to the sector central government.

**Table C1 Balance sheet of the Croatian National Bank** • The table reports data on claims and liabilities of the Croatian National Bank (central bank).

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 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 July 2008, 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.

Claims on other domestic sectors are loans and overdue claims on other domestic sectors (up to CNB Bulletin No. 190, this item included claims on banks undergoing bankruptcy proceedings).

From May 1999 on, Claims on other financial institutions (up to CNB Bulletin No. 190, reported under Claims on other banking institutions) include overdue claims on credit institutions against which bankruptcy proceedings have been initiated.

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

Reserve money consists of currency outside credit institutions, cash in credit institutions' vaults, credit institutions' deposits with the CNB and deposits of other financial institutions with the CNB.

Credit institutions' deposits are: settlement account balances, statutory reserves deposited on a special account with the CNB (including, from March 2006, the special reserve requirement on liabilities arising from issued securities), CNB bills on an obligatory basis and overnight deposits.

Deposits by other financial institutions are settlement account balances of the CDCC deposits for securities trading.

Restricted and blocked deposits include required foreign currency reserves and accrued interest, restricted deposits and blocked foreign currency deposits. Credit institutions 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 undergoing bankruptcy proceedings. From March 2010 on, this item includes CBRD funds related to the accounts of the programme for the development of the economy. 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, as well as the allocation of special drawing rights that was shown under the Capital accounts until 2008.

Deposits of central government and social security funds are demand deposits and foreign currency deposits of the central government and social security funds with the CNB, and CNB bills voluntarily purchased by institutions in the central government and social security funds' sector.

CNB bills are kuna and f/c CNB bills on a voluntary basis, excluding CNB bills voluntarily purchased by institutions in the central government and social security funds' sector.

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

Other items (net) are unclassified liabilities decreased by unclassified assets of the Balance sheet of the Croatian National Bank.

Table D1 Consolidated balance sheet of other monetary financial institutions<sup>a</sup>  
end-of-period balance and transactions during the period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec. <sup>b</sup>	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
ASSETS										
1 Reserves with the CNB	45,745.5	51,114.0	49,411.3	49,707.5	48,560.4	47,416.0	43,621.6	46,003.6	43,361.1	43,833.6
1.1 In kuna	40,169.1	45,590.6	44,316.8	45,288.8	44,815.6	43,613.8	42,922.3	44,064.5	41,056.6	40,263.3
1.2 In f/c	5,576.4	5,523.5	5,094.5	4,418.8	3,744.8	3,802.2	699.3	1,939.0	2,304.5	3,570.3
2 Foreign assets	47,878.2	40,069.6	39,144.3	36,681.3	43,943.2	47,836.4	42,736.0	43,673.1	49,321.6	54,126.3
3 Claims on central government and social security funds	57,113.6	68,207.5	79,807.2	87,857.7	89,724.0	90,904.7	91,037.3	90,878.9	92,728.8	94,765.5
4 Claims on other domestic sectors	241,266.9	251,961.3	236,412.0	234,115.5	229,569.6	222,532.7	217,161.1	215,706.8	215,068.0	213,982.8
4.1 Claims on local government	3,375.2	3,559.1	3,485.2	4,231.8	4,714.0	4,446.2	4,207.4	3,966.7	4,053.6	3,987.9
4.2 Claims on non-financial corporations	107,687.2	116,840.4	103,157.0	102,452.6	98,401.5	93,579.5	94,637.5	93,498.4	93,474.5	92,808.8
4.3 Claims on households	130,204.4	131,561.8	129,769.8	127,431.1	126,454.1	124,507.0	118,316.2	118,241.7	117,539.9	117,186.1
5 Claims on other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Claims on non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Claims on non-MMF investment funds	384.2	358.1	324.5	322.7	336.2	396.4	574.3	502.5	565.5	634.8
8 Claims on other financial intermediaries	2,291.4	3,868.8	4,017.4	4,322.3	5,016.2	4,710.7	4,648.6	4,668.6	4,666.0	4,755.9
9 Claims on financial auxiliaries	963.7	1,033.1	1,068.4	1,247.7	1,335.7	1,126.9	1,044.5	1,323.9	1,339.0	1,307.9
10 Claims on insurance corporations and pension funds	654.3	137.8	261.8	762.4	744.9	1,276.0	1,330.0	743.1	609.7	582.9
Total (1+2+3+4+5+6+7+8+9+10)	396,297.8	416,750.2	410,446.9	415,017.1	419,230.2	416,199.8	402,153.3	403,500.3	407,659.8	413,989.6
LIABILITIES										
1 Demand deposits	32,711.3	34,800.0	34,991.5	40,477.2	44,917.1	50,514.1	47,809.1	53,364.1	55,488.7	56,645.9
2 Savings and time deposits	29,142.0	33,676.8	31,689.8	33,407.1	34,471.8	35,207.0	35,411.4	35,625.3	35,975.9	35,795.9
3 Foreign currency deposits	154,697.9	152,197.1	160,443.7	162,656.3	164,866.6	171,323.9	167,106.3	166,425.8	168,611.2	172,677.3
4 Bonds and money market instruments	988.6	1,728.7	2,412.0	1,995.3	2,161.3	2,177.8	2,299.9	1,815.6	1,967.5	2,262.1
5 MMFs shares/units	....	6,863.4	8,257.6	8,970.5	8,368.1	8,004.2	8,017.5	8,737.9	9,337.5	9,600.3
6 Foreign liabilities	82,099.3	90,488.9	73,827.0	69,721.5	62,328.2	46,656.1	43,110.5	40,479.1	37,791.7	36,204.1
7 Deposits of central government and social security funds	22,193.7	20,532.4	20,614.7	18,892.0	19,180.1	17,535.0	16,973.3	16,091.3	16,979.5	18,273.6
8 Credit from central bank	12.9	139.1	11.8	11.3	11.0	168.5	625.3	801.5	1,015.8	1,285.8
9 Restricted and blocked deposits	2,374.9	3,183.9	2,413.9	2,735.9	3,076.0	3,930.1	3,638.0	3,660.4	3,290.2	3,075.7
10 Capital accounts	72,555.2	77,208.3	80,700.6	83,245.1	87,151.2	83,206.0	83,743.4	83,135.3	83,746.9	84,403.8
11 Other items (net)	-478.1	-4,068.4	-4,915.7	-7,095.4	-7,301.1	-2,522.9	-6,581.3	-6,635.8	-6,545.2	-6,234.8
Total (1+2+3+4+5+6+7+8+9+10+11)	396,297.8	416,750.2	410,446.9	415,017.1	419,230.2	416,199.8	402,153.3	403,500.3	407,659.8	413,989.6
TRANSACTIONS										
ASSETS										
1 Reserves with the CNB	....	1,926.7	1,307.3	808.5	713.1	1,256.6	-3,064.1	2,198.5	-2,593.8	473.3
1.1 In kuna	....	2,010.1	1,275.9	1,358.9	726.1	1,306.6	-3,245.9	1,268.4	-2,969.3	-793.3
1.2 In f/c	....	-83.4	31.4	-550.4	-13.0	-50.0	181.8	930.1	375.5	1,266.7
2 Foreign assets	....	-1,669.7	-1,734.4	-660.3	252.5	-7,940.7	-2,075.8	-495.5	5,894.9	4,889.6
3 Claims on central government and social security funds	....	-1,064.1	2,641.7	1,384.5	1,278.6	-427.1	207.2	-114.6	2,078.1	1,971.7
4 Claims on other domestic sectors	....	1,163.0	-4,177.8	-1,548.2	-649.7	-362.1	628.6	-655.0	386.3	-976.7
4.1 Claims on local government	....	143.3	154.4	169.5	170.4	187.0	-47.8	-46.6	101.7	-63.6
4.2 Claims on non-financial corporations	....	1,436.2	-3,889.0	-1,460.1	-768.1	-227.2	343.7	-763.4	416.6	-619.7
4.3 Claims on households	....	-416.5	-443.1	-257.6	-52.0	-321.9	332.8	155.0	-132.0	-293.4
5 Claims on other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Claims on non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Claims on non-MMF investment funds	....	33.2	-9.0	-6.3	-9.6	-4.7	91.0	-30.8	58.0	65.6
8 Claims on other financial intermediaries	....	191.1	343.0	-119.5	19.3	-211.2	121.8	27.0	4.8	89.9
9 Claims on financial auxiliaries	....	13.4	69.8	49.4	20.3	-193.2	-36.3	-61.0	19.0	-30.5
10 Claims on insurance corporations and pension funds	....	-286.8	97.6	352.0	75.8	852.5	528.9	-169.1	-131.7	-26.9
Total (1+2+3+4+5+6+7+8+9+10)	....	306.8	-1,461.9	260.2	1,700.2	-7,029.9	-3,598.6	699.6	5,715.6	6,456.0
LIABILITIES										



	2010 Dec.	2011 Dec.	2012 Dec. <sup>b</sup>	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Demand deposits	....	1,442.5	1,825.6	1,546.3	2,792.7	1,244.7	-696.2	2,719.8	2,128.7	1,157.2
2 Savings and time deposits	....	-582.6	43.1	-24.1	-1,396.9	-297.3	18.9	-36.7	374.1	-180.0
3 Foreign currency deposits	....	-2,507.6	-1,715.8	-630.1	-1,049.8	-1,595.4	-399.2	193.9	3,120.6	4,211.3
4 Bonds and money market instruments	....	90.3	195.6	-241.7	-113.4	113.2	106.1	-31.3	160.0	294.7
5 MMFs shares/units	....	....	28.8	-78.1	-1,214.7	-417.3	-199.4	538.8	-385.4	145.6
6 Foreign liabilities	....	1,706.3	-1,754.3	-294.7	2,707.7	-6,089.4	-2,382.9	-2,246.7	-2,514.5	-1,570.3
7 Deposits of central government and social security funds	....	274.3	535.3	-104.4	-412.7	-165.1	-676.4	-197.5	928.3	1,296.6
8 Credit from central bank	....	25.0	0.0	0.0	0.0	-20.0	-101.0	-0.1	214.4	269.9
9 Restricted and blocked deposits	....	403.7	-55.6	-135.2	-299.3	-27.2	-48.3	-163.0	-364.6	-213.5
10 Capital accounts	....	-152.6	-1,357.4	-43.2	-131.2	-255.0	-333.8	-1,178.0	611.6	656.9
11 Other items (net)	....	-392.6	792.9	265.4	817.8	478.9	1,113.7	1,100.3	1,442.4	387.7
<b>Total (1+2+3+4+5+6+7+8+9+10+11)</b>	....	<b>306.8</b>	<b>-1,461.9</b>	<b>260.2</b>	<b>1,700.2</b>	<b>-7,029.9</b>	<b>-3,598.6</b>	<b>699.6</b>	<b>5,715.6</b>	<b>6,456.0</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds. <sup>b</sup> Claims on other domestic sectors fell by HRK 5.6bn in December 2012. This fall was fully attributable to a transaction of one credit institution which, in an effort to reduce the amount of partly recoverable and fully irrecoverable placements, transferred a total of HRK 5.6bn in its claims to a company indirectly owned by a parent bank.

**Table D1 Consolidated balance sheet of other monetary financial institutions** • The Consolidated balance sheet of other monetary financial institutions include data on claims and liabilities of other monetary financial institutions (credit institutions and money market funds).

In March 2013, data on all the items have been revised from July 1999 onward to include housing savings banks in addition to the Croatian National Bank, banks and savings banks. In February 2015, all of the data have been revised, that is: from 31 December 2010, in the part that refers to the sector classification of institutional units and the change in the methodological treatment of kuna positions indexed to foreign currency, and from 31 December 2011, in the part that refers to expanding the scope of other monetary financial institutions (to include money market funds). In June 2015, all of the data have been revised, that is: from 30 June 2006, in the part that refers to the change in the methodological treatment of kuna positions indexed to foreign currency.

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 social security 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.

Up to November 2010, the same forms of kuna and foreign currency claims were included in claims on other banking institutions and non-banking financial institutions, with one difference: Claims on other banking institutions also included deposits with those institutions. From December 2010 on, the same forms of kuna and foreign currency claims are included in claims on other financial intermediaries (including claims on the CBRD), financial auxiliaries as well as insurance corporations and pension funds.

Up to November 2010, items Demand deposits, Savings

and time deposits, Foreign currency deposits as well as Bonds and money market instruments comprised credit institutions' liabilities to other domestic sectors, other banking institutions and non-banking financial institutions. From December 2010 on, these items comprise credit institutions' liabilities to other domestic sectors, non-MMF investment funds, other financial intermediaries, financial auxiliaries as well as insurance corporations and pension funds.

Demand deposits include transaction accounts balances and credit institutions' obligations arising from kuna payment instruments issued, minus currency in the payment system, i.e. checks in credit institutions' 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 credit institutions' liabilities for securities issued (net) and loans received. Issued subordinated and hybrid instruments, purchased by foreign investors, are excluded from this item.

The issued money market fund shares/units are the remaining claims on the assets of institutional units that have issued the shares or units.

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

Deposits of central government and social security funds are all forms of credit institutions' kuna and foreign currency liabilities (except restricted and blocked deposits) to the central government and social security funds.

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

Up to November 2010, Restricted and blocked deposits comprised the following banks' liabilities: kuna and foreign currency restricted deposits by other domestic sectors, other banking institutions, non-banking financial institutions, central government 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.

From December 2010 on, Restricted and blocked deposits comprise the following credit institutions' liabilities: kuna and foreign currency restricted deposits by other domestic sectors, other financial intermediaries, financial auxiliaries, insurance corporations and pension funds, central government 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, retained earnings (loss),

profit (loss) for the previous year, profit (loss) for the current year, legal reserves, reserves provided for by the articles of association and other capital reserves, reserves for general banking risks, deferred tax in equity, dividends paid in the current year, revaluation reserves, collectively and individually assessed impairment provisions for off-balance sheet items, 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.

**Table D2 Foreign assets of other monetary financial institutions<sup>a</sup>**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Foreign assets in t/c	47,120.0	39,267.7	37,526.2	35,544.1	42,387.1	44,472.3	40,225.7	41,698.8	46,742.4	49,492.5
1.1 Claims on foreign financial institutions	32,056.3	29,655.0	28,730.5	26,954.4	31,191.6	33,843.1	30,835.8	32,571.7	37,525.7	40,540.5
Foreign currencies	1,623.1	1,940.5	1,758.0	1,804.9	1,826.9	2,120.4	2,048.4	2,552.1	3,039.1	2,782.8
Demand deposits	1,175.2	2,377.1	5,457.7	4,414.0	7,246.4	10,915.3	9,102.6	9,445.1	11,345.9	13,408.1
Time and notice deposits	27,129.2	22,372.8	15,915.9	15,751.5	17,815.8	14,348.5	13,238.5	16,388.8	16,386.7	16,855.0
Securities	1,896.5	2,847.4	5,360.6	4,821.8	3,758.7	4,021.9	4,594.8	2,878.7	3,030.5	3,011.3
Loans and advances	170.1	8.7	187.7	53.2	448.9	1,579.3	768.5	394.3	2,789.6	3,546.8
Shares and participations	62.1	108.5	50.6	109.0	94.9	857.6	1,082.9	912.8	933.9	936.6
1.2 Claims on foreign non-financial institutions	15,063.7	9,612.6	8,795.7	8,589.8	11,195.5	10,629.1	9,389.9	9,127.1	9,216.8	8,952.0
Claims on foreign governments	12,906.2	7,569.0	6,969.8	6,333.0	8,924.8	7,890.6	6,901.6	6,632.4	6,709.2	6,611.0
Claims on other non-residents	2,140.4	2,036.7	1,799.9	2,220.2	2,227.8	2,611.1	2,262.5	2,396.1	2,408.4	2,240.3
Securities	271.7	55.1	0.1	14.4	32.1	17.9	17.5	15.1	11.4	7.7
Loans and advances	1,868.7	1,981.6	1,799.9	2,205.7	2,195.7	2,593.2	2,244.9	2,381.0	2,397.0	2,232.6
Shares and participations	17.1	6.9	26.0	36.6	43.0	127.4	225.9	98.6	99.1	100.7
2 Foreign assets in kuna	758.3	802.0	1,618.1	1,137.2	1,556.2	3,364.2	2,510.4	1,974.2	2,579.2	4,633.8
2.1 Claims on foreign financial institutions	713.7	764.4	1,583.4	1,105.3	1,509.1	3,324.8	2,456.0	1,914.7	2,519.8	4,571.5
2.2 Claims on foreign non-banks	44.5	37.6	34.8	31.9	47.0	39.4	54.3	59.5	59.4	62.3
o/w: Loans and advances	44.2	37.2	34.5	31.6	46.7	39.1	54.0	59.2	59.1	62.0
<b>Total (1+2)</b>	<b>47,878.2</b>	<b>40,069.6</b>	<b>39,144.3</b>	<b>36,681.3</b>	<b>43,943.2</b>	<b>47,836.4</b>	<b>42,736.0</b>	<b>43,673.1</b>	<b>49,321.6</b>	<b>54,126.3</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Tables D2 – D12** • This group of tables (with the exception of tables D5, D5a, D5b, D5c and D5d) provides a detailed analysis of the relevant asset and liability items of the Consolidated balance sheet of other monetary financial institutions (Table D1).

**Table D2 Foreign assets of other monetary financial institutions** • This table shows other monetary financial institutions' claims on foreign legal and natural persons.

Foreign assets of credit institutions comprise foreign assets in kuna and in foreign currency. Claims on foreign financial institutions and Claims on foreign non-financial institutions (total and by financial instruments) are shown separately within both foreign assets in kuna and in foreign currency.

**Table D3 Other monetary financial institutions' claims on the central government and social security funds**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 In kuna	18,538.8	21,967.5	25,125.3	29,638.7	30,666.8	27,776.0	28,863.6	29,644.4	31,622.2	31,736.2
1.1 Claims on central government	18,537.8	21,965.2	25,123.8	29,637.8	30,663.6	27,774.3	28,862.0	29,643.2	31,620.9	31,735.1
Securities	12,633.4	15,926.5	14,474.8	19,428.9	24,987.5	21,263.3	22,867.1	22,082.1	23,601.6	23,834.1
o/w: Bonds (c'part to f/c savings deposits)	17.1	16.3	15.6	15.6	–	–	–	–	–	–
Loans and advances	5,904.4	6,038.7	10,649.0	10,208.8	5,676.1	6,511.0	5,994.9	7,561.0	8,019.4	7,901.0
1.2 Claims on social security funds	1.0	2.2	1.6	0.9	3.2	1.7	1.6	1.3	1.2	1.1
Securities	–	–	–	–	–	–	0.2	0.2	0.2	0.2
Loans and advances	1.0	2.2	1.6	0.9	3.2	1.7	1.4	1.1	1.0	0.9
2 In f/c	38,574.8	46,240.0	54,681.9	58,219.0	59,057.2	63,128.8	62,173.7	61,234.4	61,106.7	63,029.3
2.1 Claims on central government	38,574.8	46,240.0	54,681.9	58,219.0	59,057.2	63,128.8	62,173.7	61,234.4	61,106.7	63,029.3
Securities	9,591.2	10,858.6	14,208.1	13,210.5	12,837.4	16,301.8	16,960.0	17,775.8	17,906.8	19,978.8
Loans and advances	28,983.5	35,381.4	40,473.8	45,008.5	46,219.9	46,827.0	45,213.7	43,458.6	43,199.9	43,050.5
2.2 Claims on social security funds	–	–	–	–	–	–	–	–	–	–
Securities	–	–	–	–	–	–	–	–	–	–
Loans and advances	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2)</b>	<b>57,113.6</b>	<b>68,207.5</b>	<b>79,807.2</b>	<b>87,857.7</b>	<b>89,724.0</b>	<b>90,904.7</b>	<b>91,037.3</b>	<b>90,878.9</b>	<b>92,728.8</b>	<b>94,765.5</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D3 Other monetary financial institutions' claims on the central government and social security funds** • The table shows other monetary financial institutions' kuna and foreign currency claims on the central government and social security funds. Item Securities, shown under kuna claims on the central government,

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 D3a Other monetary financial institutions' foreign currency claims and kuna claims indexed to foreign currency on the central government and social security funds<sup>a</sup>**

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 In f/c	23,275.0	29,208.8	36,639.0	38,823.6	40,830.1	46,000.5	45,696.2	47,423.5	47,478.0	49,388.5
1.1 Claims on central government	23,275.0	29,208.8	36,639.0	38,823.6	40,830.1	46,000.5	45,696.2	47,423.5	47,478.0	49,388.5
Securities	292.4	1,367.1	6,934.9	5,571.3	7,285.6	10,965.3	11,555.1	12,460.5	12,585.4	14,502.4
Loans and advances	22,982.6	27,841.7	29,704.1	33,252.4	33,544.5	35,035.3	34,141.1	34,963.0	34,892.6	34,886.1
1.2 Claims on social security funds	–	–	–	–	–	–	–	–	–	–
Securities	–	–	–	–	–	–	–	–	–	–
Loans and advances	–	–	–	–	–	–	–	–	–	–
2 Kuna claims indexed to foreign currency	15,299.8	17,031.2	18,042.9	19,395.4	18,227.1	17,128.2	16,477.5	13,811.0	13,628.7	13,640.8
2.1 Claims on central government	15,299.8	17,031.2	18,042.9	19,395.4	18,227.1	17,128.2	16,477.5	13,811.0	13,628.7	13,640.8
Securities	9,298.8	9,491.5	7,273.1	7,639.3	5,551.7	5,336.5	5,404.9	5,315.3	5,321.4	5,476.4
o/w: Bonds (c'part to f/c savings deposits)	17.0	16.3	15.6	15.6	–	–	–	–	–	–
Loans and advances	6,001.0	7,539.7	10,769.7	11,756.1	12,675.4	11,791.7	11,072.6	8,495.6	8,307.3	8,164.4
2.2 Claims on social security funds	–	–	–	–	–	–	–	–	–	–
Securities	–	–	–	–	–	–	–	–	–	–
Loans and advances	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2)</b>	<b>38,574.8</b>	<b>46,240.0</b>	<b>54,681.9</b>	<b>58,219.0</b>	<b>59,057.2</b>	<b>63,128.8</b>	<b>62,173.7</b>	<b>61,234.4</b>	<b>61,106.7</b>	<b>63,029.3</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D3a Other monetary financial institutions' foreign currency claims and kuna claims indexed to foreign currency on the central government and social security funds** • The table

provides a detailed analysis of the claims in foreign currency item in Table D3, showing separately foreign currency claims and claims indexed to foreign currency.

Table D4 Other monetary financial institutions' claims on other domestic sectors<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec. <sup>b</sup>	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Claims in kuna	66,135.9	66,472.7	65,057.6	67,002.6	70,885.7	74,981.6	78,976.8	83,615.4	85,053.8	85,315.5
1.1 Money market instruments	1,720.7	2,031.5	3,203.5	3,708.3	3,987.6	4,166.7	4,317.9	4,178.3	3,829.1	3,802.3
1.2 Bonds	1,381.8	1,228.9	1,270.1	979.2	962.7	794.6	692.6	726.7	2,003.5	1,956.0
1.3 Loans and advances	61,952.5	62,147.3	59,552.3	61,113.9	65,384.1	69,466.2	73,279.6	77,986.5	78,509.0	78,853.5
1.4 Shares and participations	1,080.9	1,065.0	1,031.7	1,201.2	551.4	554.1	686.7	723.9	712.1	703.6
2 Claims in f/c	175,131.0	185,488.6	171,354.4	167,112.9	158,683.9	147,551.0	138,184.3	132,091.4	130,014.2	128,667.3
2.1 Securities	624.2	1,108.9	1,279.1	1,103.5	955.3	851.2	1,023.4	1,014.6	853.7	831.9
2.2 Loans and advances	174,506.7	184,379.7	170,075.3	166,009.4	157,728.6	146,699.9	137,160.9	131,076.8	129,160.5	127,835.4
<b>Total (1+2)</b>	<b>241,266.9</b>	<b>251,961.3</b>	<b>236,412.0</b>	<b>234,115.5</b>	<b>229,569.6</b>	<b>222,532.7</b>	<b>217,161.1</b>	<b>215,706.8</b>	<b>215,068.0</b>	<b>213,982.8</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds. <sup>b</sup> Claims on other domestic sectors fell by HRK 5.6bn in December 2012. This fall was fully attributable to a transaction of one credit institution which, in an effort to reduce the amount of partly recoverable and fully irrecoverable placements, transferred a total of HRK 5.6bn in its claims to a company indirectly owned by a parent bank.

**Table D4 Other monetary financial institutions' claims on other domestic sectors** • The table shows other monetary financial institutions' kuna and foreign currency claims on other domestic sectors, classified according to financial instruments: money market instruments (including factoring and forfeiting since January 2004), bonds, loans and advances, and equities.

From January 2004 to November 2010, factoring and

forfeiting were in their entirety included in money market instruments. From December 2010 on, factoring and forfeiting which credit institutions report within the loan portfolio are included in loans and advances. Factoring and forfeiting in all other portfolios are reported within money market instruments (with original maturity of up to and including one year) or bonds (with original maturity of over one year).

Table D4a Other monetary financial institutions' foreign currency claims and kuna claims indexed to foreign currency on other domestic sectors<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Kuna claims not indexed to foreign currency	20,584.0	22,565.5	15,834.4	17,496.0	16,314.6	15,388.5	16,151.7	15,418.7	15,279.7	15,189.7
1.1 Money market instruments	46.0	41.7	7.5	1.0	68.4	52.6	51.3	58.7	56.5	57.4
1.2 Bonds	35.0	112.5	143.4	226.9	243.0	245.1	395.1	423.2	280.1	280.7
1.3 Loans and advances	20,478.0	22,387.2	15,676.2	17,261.9	16,003.2	15,090.8	15,705.4	14,936.8	14,943.1	14,851.7
1.4 Shares and participations	25.0	24.1	7.3	6.2	–	–	–	–	–	–
2 Kuna claims indexed to foreign currency	154,547.0	162,923.1	155,520.0	149,616.8	142,369.3	132,162.5	122,032.5	116,672.7	114,734.5	113,477.6
2.1 Securities	518.2	930.6	1,120.9	869.4	643.9	553.4	577.0	532.7	517.1	493.8
2.2 Loans and advances	154,028.8	161,992.5	154,399.1	148,747.5	141,725.5	131,609.1	121,455.5	116,140.0	114,217.4	112,983.8
<b>Total (1+2)</b>	<b>175,131.0</b>	<b>185,488.6</b>	<b>171,354.4</b>	<b>167,112.9</b>	<b>158,683.9</b>	<b>147,551.0</b>	<b>138,184.3</b>	<b>132,091.4</b>	<b>130,014.2</b>	<b>128,667.3</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D4a Other monetary financial institutions' foreign currency claims and kuna claims indexed to foreign currency on other domestic sectors** • The table provides a detailed analysis

of the Claims in foreign currency item in Table D4, showing separately foreign currency claims and claims indexed to foreign currency.

**Table D5 Distribution of other monetary financial institutions' loans by domestic institutional sectors<sup>a</sup>**  
 end-of-period balance and transactions during the period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
<b>LOANS IN KUNA</b>										
1 Loans to central government and social security funds	5,905.4	6,041.0	10,650.5	10,209.8	5,679.3	6,512.7	5,996.3	7,562.1	8,020.4	7,902.0
1.1 Loans to central government	5,904.4	6,038.7	10,649.0	10,208.8	5,676.1	6,511.0	5,994.9	7,561.0	8,019.4	7,901.0
1.2 Loans to social security funds	1.0	2.2	1.6	0.9	3.2	1.7	1.4	1.1	1.0	0.9
2 Loans to local government	884.7	916.3	933.3	796.4	856.3	880.3	866.2	713.1	850.8	869.3
3 Loans to non-financial corporations	28,249.8	30,211.6	27,945.2	28,447.7	29,219.4	29,190.3	30,745.1	32,093.9	31,782.5	31,481.1
4 Loans to households	32,818.0	31,019.4	30,673.9	31,869.7	35,308.5	39,395.5	41,668.4	45,179.5	45,875.7	46,503.1
o/w: Housing loans	4,747.7	4,607.0	4,544.4	4,415.9	4,551.7	5,603.7	6,457.4	8,230.5	8,715.6	9,142.7
5 Loans to other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Loans to non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Loans to non-MMF investment funds	16.0	16.3	7.8	23.6	34.6	76.4	121.8	90.5	79.1	139.1
8 Loans to other financial intermediaries	758.3	981.6	1,392.2	1,543.1	1,677.6	1,517.5	1,520.6	1,454.4	1,478.3	1,464.9
9 Loans to financial auxiliaries	445.1	367.6	478.9	636.3	684.0	416.7	292.0	309.4	325.7	330.4
10 Loans to insurance corporations and pension funds	483.7	22.0	130.7	470.5	560.9	1,092.0	1,139.5	111.9	273.7	251.8
<b>A Total (1+2+3+4+5+6+7+8+9+10)</b>	<b>69,560.9</b>	<b>69,575.8</b>	<b>72,212.5</b>	<b>73,997.0</b>	<b>74,020.4</b>	<b>79,081.4</b>	<b>82,349.9</b>	<b>87,514.7</b>	<b>88,686.3</b>	<b>88,941.7</b>
<b>LOANS IN F/C</b>										
1 Loans to central government and social security funds	28,983.5	35,381.4	40,473.8	45,008.5	46,219.9	46,827.0	45,213.7	43,458.6	43,199.9	43,050.5
1.1 Loans to central government	28,983.5	35,381.4	40,473.8	45,008.5	46,219.9	46,827.0	45,213.7	43,458.6	43,199.9	43,050.5
1.2 Loans to social security funds	-	-	-	-	-	-	-	-	-	-
2 Loans to local government	2,239.6	2,439.8	2,398.2	3,325.3	3,777.9	3,501.3	3,292.4	3,208.3	3,168.1	3,083.0
3 Loans to non-financial corporations	74,893.5	81,430.8	68,636.5	67,129.3	62,810.7	58,090.7	57,223.2	54,809.0	54,330.9	54,070.6
4 Loans to households	97,373.6	100,509.1	99,040.5	95,554.9	91,140.1	85,107.9	76,645.3	73,059.5	71,661.5	70,681.8
o/w: Housing loans	56,220.9	58,422.2	58,129.2	57,044.2	55,675.8	53,471.6	46,699.1	44,325.2	43,534.7	42,994.6
5 Loans to other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Loans to non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Loans to non-MMF investment funds	-	12.0	9.5	21.2	6.1	23.6	145.7	111.7	176.9	181.3
8 Loans to other financial intermediaries	1,296.8	1,507.2	1,285.8	1,401.9	1,942.6	1,535.4	1,470.4	1,556.8	1,530.4	1,592.0
9 Loans to financial auxiliaries	176.5	302.6	227.9	179.7	192.6	279.4	323.2	585.2	583.9	547.9
10 Loans to insurance corporations and pension funds	3.4	6.3	22.0	118.9	2.6	3.0	6.2	443.6	148.8	143.8
<b>B Total (1+2+3+4+5+6+7+8+9+10)</b>	<b>204,967.0</b>	<b>221,589.3</b>	<b>212,094.4</b>	<b>212,739.6</b>	<b>206,092.4</b>	<b>195,368.3</b>	<b>184,320.1</b>	<b>177,232.8</b>	<b>174,800.4</b>	<b>173,351.0</b>
<b>TOTAL (A+B)</b>	<b>274,527.9</b>	<b>291,165.1</b>	<b>284,306.8</b>	<b>286,736.6</b>	<b>280,112.8</b>	<b>274,449.7</b>	<b>266,670.0</b>	<b>264,747.5</b>	<b>263,486.7</b>	<b>262,292.7</b>
<b>TRANSACTIONS</b>										
<b>LOANS IN KUNA</b>										
1 Loans to central government and social security funds	....	77.8	509.5	-119.4	-905.3	452.2	-133.8	1,579.0	458.3	-118.4
1.1 Loans to central government	....	77.7	509.2	-119.2	-905.2	452.3	-133.7	1,579.1	458.4	-118.3
1.2 Loans to social security funds	....	0.1	0.3	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
2 Loans to local government	....	-5.8	12.2	3.7	1.7	18.4	-12.4	-9.3	137.7	18.5
3 Loans to non-financial corporations	....	-33.6	-1,288.9	280.0	-378.1	-74.4	533.3	209.1	-258.0	-278.0
4 Loans to households	....	-12.6	-50.1	141.0	257.6	506.8	1,236.5	1,118.5	756.7	633.2
5 Loans to other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Loans to non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Loans to non-MMF investment funds	....	-7.5	-13.8	0.1	-2.2	-2.7	15.0	-1.5	-11.4	60.0
8 Loans to other financial intermediaries	....	142.8	351.2	27.7	-31.4	-153.1	130.8	24.2	24.0	-13.4
9 Loans to financial auxiliaries	....	15.8	119.4	75.4	-7.9	-165.0	-37.2	27.7	16.3	4.7
10 Loans to insurance corporations and pension funds	....	-268.8	98.4	264.7	75.9	893.1	782.0	-429.8	161.8	-21.9
<b>A Total (1+2+3+4+5+6+7+8+9+10)</b>	<b>....</b>	<b>-91.9</b>	<b>-262.1</b>	<b>673.2</b>	<b>-989.5</b>	<b>1,475.2</b>	<b>2,514.3</b>	<b>2,518.0</b>	<b>1,285.4</b>	<b>284.6</b>

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
<b>LOANS IN F/C</b>										
1 Loans to central government and social security funds	....	-735.0	2,093.7	809.0	1,130.5	4.8	-677.5	-1,567.4	-52.3	-136.5
1.1 Loans to central government	....	-735.0	2,093.7	809.0	1,130.5	4.8	-677.5	-1,567.4	-52.3	-136.5
1.2 Loans to social security funds	....	-	-	-	-	-	-	-	-	-
2 Loans to local government	....	155.9	144.0	160.8	171.3	164.8	-36.9	-34.0	-25.2	-82.9
3 Loans to non-financial corporations	....	1,296.3	-3,653.9	-1,936.9	-137.4	-374.7	-421.7	-956.8	-102.7	-229.3
4 Loans to households	....	-424.3	-416.7	-397.9	-309.4	-829.4	-904.0	-963.6	-888.8	-925.1
5 Loans to other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Loans to non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Loans to non-MMF investment funds	....	-6.7	0.0	-6.2	-7.3	-2.0	60.8	-29.3	66.5	5.3
8 Loans to other financial intermediaries	....	47.2	-9.2	-67.7	50.6	-61.4	-8.9	2.9	-19.1	61.7
9 Loans to financial auxiliaries	....	-2.5	-49.6	-16.3	-0.5	-11.4	0.8	-88.7	2.6	-35.4
10 Loans to insurance corporations and pension funds	....	0.0	0.0	106.8	0.0	-40.6	-256.4	260.8	-293.2	-5.0
<b>B Total (1+2+3+4+5+6+7+8+9+10)</b>	....	331.0	-1,891.8	-1,348.2	897.8	-1,149.8	-2,243.9	-3,376.2	-1,312.1	-1,347.3
<b>TOTAL (A+B)</b>	....	239.1	-2,153.9	-675.0	-91.7	325.4	270.3	-858.2	-26.7	-1,062.8

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D5 Distribution of other monetary financial institutions' loans by domestic institutional sectors** • The table shows data on kuna and foreign currency loans granted by credit institutions 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. From December 2010 on, loans include the following types of loans: overnight loans, loans for payments made on the basis of guarantees and similar instruments, reverse repo loans, shares in syndicated loans, financial leases, consumer

loans, education loans, housing loans, mortgage loans, car loans, credit card loans, overdrafts on transaction accounts, margin loans, Lombard loans, working capital loans, construction loans, agricultural loans, tourism loans, investment loans, export finance loans, any-purpose cash loans, factoring and forfeiting in the portfolio of loans and claims and other loans.

**Tables D5a – D5d** • This group of tables provides a detailed analysis of the corresponding items in Table D5 Distribution of other monetary financial institutions' loans by domestic institutional sectors.



Table D5a Distribution of other monetary financial institutions' foreign currency and kuna loans indexed to foreign currency by domestic institutional sectors<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
<b>LOANS IN FOREIGN CURRENCY</b>										
1 Loans to central government and social security funds	22,982.6	27,841.7	29,704.1	33,252.4	33,544.5	35,035.3	34,141.1	34,963.0	34,892.6	34,886.1
1.1 Loans to central government	22,982.6	27,841.7	29,704.1	33,252.4	33,544.5	35,035.3	34,141.1	34,963.0	34,892.6	34,886.1
1.2 Loans to social security funds	–	–	–	–	–	–	–	–	–	–
2 Loans to local government	13.6	12.4	10.3	8.6	6.8	5.1	5.0	4.2	4.2	4.2
3 Loans to non-financial corporations	20,132.5	22,059.0	15,413.7	16,999.2	15,737.9	14,860.4	15,451.0	14,662.2	14,686.6	14,642.8
4 Loans to households	331.9	315.8	252.2	254.1	258.4	225.3	249.4	270.5	252.4	204.7
5 Loans to other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Loans to non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Loans to non-MMF investment funds	–	1.0	–	14.9	–	19.4	145.7	105.2	170.4	174.8
8 Loans to other financial intermediaries	388.0	544.0	355.8	619.3	579.5	562.3	529.0	470.3	465.0	557.3
9 Loans to financial auxiliaries	17.5	48.8	39.0	42.0	42.4	152.5	189.5	451.1	447.5	374.1
10 Loans to insurance corporations and pension funds	0.0	0.0	17.5	106.9	–	0.8	4.1	441.5	146.8	141.8
<b>A Total (1+2+3+4+5+6+7+8+9+10)</b>	<b>43,866.1</b>	<b>50,822.7</b>	<b>45,792.6</b>	<b>51,297.5</b>	<b>50,169.6</b>	<b>50,861.0</b>	<b>50,714.7</b>	<b>51,368.0</b>	<b>51,065.4</b>	<b>50,985.9</b>
<b>KUNA LOANS INDEXED TO FOREIGN CURRENCY</b>										
1 Loans to central government and social security funds	6,001.0	7,539.7	10,769.7	11,756.1	12,675.4	11,791.7	11,072.6	8,495.6	8,307.3	8,164.4
1.1 Loans to central government	6,001.0	7,539.7	10,769.7	11,756.1	12,675.4	11,791.7	11,072.6	8,495.6	8,307.3	8,164.4
1.2 Loans to social security funds	–	–	–	–	–	–	–	–	–	–
2 Loans to local government	2,226.0	2,427.4	2,387.9	3,316.7	3,771.0	3,496.2	3,287.4	3,204.1	3,163.9	3,078.9
3 Loans to non-financial corporations	54,761.0	59,371.8	53,222.8	50,130.1	47,072.8	43,230.3	41,772.2	40,146.9	39,644.3	39,427.8
4 Loans to households	97,041.7	100,193.3	98,788.3	95,300.7	90,881.7	84,882.6	76,395.9	72,789.0	71,409.1	70,477.1
5 Loans to other banking institutions	....	....	....	....	....	....	....	....	....	....
6 Loans to non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
7 Loans to non-MMF investment funds	–	11.0	9.5	6.3	6.1	4.1	–	6.5	6.5	6.5
8 Loans to other financial intermediaries	908.8	963.2	930.0	782.6	1,363.1	973.1	941.4	1,086.5	1,065.4	1,034.7
9 Loans to financial auxiliaries	159.0	253.8	189.0	137.7	150.1	126.9	133.7	134.1	136.4	173.8
10 Loans to insurance corporations and pension funds	3.4	6.3	4.5	11.9	2.6	2.3	2.1	2.0	2.0	2.0
<b>B Total (1+2+3+4+5+6+7+8+9+10)</b>	<b>161,100.9</b>	<b>170,766.6</b>	<b>166,301.8</b>	<b>161,442.1</b>	<b>155,922.8</b>	<b>144,507.2</b>	<b>133,605.4</b>	<b>125,864.7</b>	<b>123,735.0</b>	<b>122,365.1</b>
<b>TOTAL (A+B)</b>	<b>204,967.0</b>	<b>221,589.3</b>	<b>212,094.4</b>	<b>212,739.6</b>	<b>206,092.4</b>	<b>195,368.3</b>	<b>184,320.1</b>	<b>177,232.8</b>	<b>174,800.4</b>	<b>173,351.0</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

Table D5a Distribution of other monetary financial institutions' foreign currency and kuna loans indexed to foreign currency by domestic institutional sectors • The table provides a

detailed analysis of the Loans in foreign currency item in Table D5, showing separately loans in foreign currency and loans indexed to foreign currency.

**Table D5b Distribution of other monetary financial institutions' loans by domestic institutional sectors and original maturity<sup>a</sup>**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Loans to central government and social security funds	34,889.0	41,422.4	51,124.3	55,218.3	51,899.1	53,339.7	51,210.0	51,020.7	51,220.3	50,952.5
1.1 Loans to central government	34,887.9	41,420.1	51,122.8	55,217.3	51,895.9	53,338.0	51,208.6	51,019.6	51,219.2	50,951.6
Up to 1 year	1,884.5	1,368.3	2,932.7	904.2	923.1	322.5	136.6	2,470.9	2,464.6	2,636.2
Over 1 and up to 5 years	10,305.2	11,398.2	16,379.1	22,137.7	24,038.6	26,033.5	24,774.7	22,680.4	22,822.4	22,751.8
Over 5 years	22,698.3	28,653.7	31,811.0	32,175.4	26,934.2	26,982.0	26,297.4	25,868.3	25,932.3	25,563.5
1.2 Loans to social security funds	1.0	2.2	1.6	0.9	3.2	1.7	1.4	1.1	1.0	0.9
Up to 1 year	1.0	2.2	1.6	0.9	0.4	–	–	–	–	–
Over 1 and up to 5 years	–	–	–	–	2.8	1.7	1.4	1.1	1.0	0.9
Over 5 years	0.0	0.0	0.0	0.0	–	–	–	–	–	–
2 Loans to local government	3,124.3	3,356.1	3,331.5	4,121.7	4,634.1	4,381.6	4,158.6	3,921.4	4,018.9	3,952.4
Up to 1 year	195.0	322.0	258.0	150.4	197.8	232.2	255.7	136.6	252.9	268.0
Over 1 and up to 5 years	543.3	459.3	781.6	714.6	591.9	545.2	630.1	616.9	609.4	529.3
Over 5 years	2,386.0	2,574.9	2,291.8	3,256.7	3,844.5	3,604.3	3,272.8	3,167.9	3,156.6	3,155.1
3 Loans to non-financial corporations	103,143.3	111,642.4	96,581.7	95,577.0	92,030.0	87,281.0	87,968.3	86,902.9	86,113.4	85,551.7
Up to 1 year	26,920.1	28,492.4	23,379.8	22,783.6	22,422.8	20,378.2	22,970.8	23,395.3	22,999.5	22,260.9
Over 1 and up to 5 years	33,807.6	35,173.9	26,647.0	24,862.6	21,631.5	19,656.8	18,781.7	18,361.3	18,120.1	18,041.4
Over 5 years	42,415.6	47,976.1	46,554.9	47,930.8	47,975.8	47,246.0	46,215.8	45,146.3	44,993.9	45,249.5
4 Loans to households	130,191.6	131,528.5	129,714.4	127,424.6	126,448.6	124,503.4	118,313.6	118,239.0	117,537.2	117,184.9
Up to 1 year	12,092.6	12,138.1	12,484.0	12,007.9	12,144.2	11,544.8	11,545.1	11,681.3	11,500.9	11,428.1
Over 1 and up to 5 years	10,979.3	10,276.4	9,471.9	9,599.3	9,859.3	9,606.4	9,692.9	10,020.1	9,985.9	9,882.0
Over 5 years	107,119.7	109,114.0	107,758.5	105,817.4	104,445.1	103,352.3	97,075.6	96,537.7	96,050.4	95,874.8
5 Loans to non-MMF investment funds	16.0	28.3	17.3	44.7	40.7	99.9	267.5	202.2	256.0	320.5
Up to 1 year	16.0	28.3	17.3	44.7	40.7	99.9	267.5	202.2	256.0	320.5
Over 1 and up to 5 years	–	–	–	–	–	–	–	–	–	–
Over 5 years	–	–	–	–	–	–	–	–	–	–
6 Loans to other financial intermediaries	2,055.1	2,488.8	2,678.0	2,945.0	3,620.2	3,052.9	2,991.0	3,011.2	3,008.7	3,056.9
Up to 1 year	1,073.0	1,466.8	1,527.5	1,624.4	1,715.6	1,307.8	1,378.4	1,095.1	1,101.7	956.3
Over 1 and up to 5 years	362.4	422.0	598.1	402.0	1,014.3	976.0	880.7	1,214.2	1,216.7	1,293.5
Over 5 years	619.8	600.0	552.3	918.6	890.3	769.0	731.9	701.8	690.3	807.1
7 Loans to financial auxiliaries	621.6	670.2	706.8	816.0	876.5	696.1	615.2	894.6	909.6	878.3
Up to 1 year	474.3	468.7	533.9	699.8	735.8	579.6	487.1	484.2	500.9	440.5
Over 1 and up to 5 years	123.2	111.2	98.4	48.4	39.7	16.6	28.2	29.4	30.0	32.8
Over 5 years	24.1	90.3	74.5	67.8	101.1	100.0	99.9	381.0	378.7	405.0
8 Loans to insurance corporations and pension funds	487.1	28.3	152.7	589.4	563.5	1,095.0	1,145.7	555.4	422.5	395.6
Up to 1 year	483.7	24.1	149.2	586.6	560.9	1,092.0	1,072.9	482.7	264.7	237.8
Over 1 and up to 5 years	0.0	0.0	0.0	–	0.1	0.8	70.8	70.8	155.8	155.8
Over 5 years	3.4	4.2	3.5	2.7	2.6	2.2	2.1	2.0	1.9	1.9
<b>Total (1+2+3+4+5+6+7+8)</b>	<b>274,527.9</b>	<b>291,165.1</b>	<b>284,306.8</b>	<b>286,736.6</b>	<b>280,112.8</b>	<b>274,449.7</b>	<b>266,670.0</b>	<b>264,747.5</b>	<b>263,486.7</b>	<b>262,292.7</b>
Up to 1 year	43,140.3	44,310.9	41,284.0	38,802.6	38,741.3	35,557.0	38,114.1	39,948.4	39,341.2	38,548.2
Over 1 and up to 5 years	56,120.9	57,841.0	53,976.2	57,764.5	57,178.1	56,837.0	54,860.3	52,994.1	52,941.3	52,687.6
Over 5 years	175,266.7	189,013.2	189,046.6	190,169.4	184,193.5	182,055.7	173,695.6	171,805.0	171,204.2	171,056.9

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D5b Distribution of other monetary financial institutions' loans by domestic institutional sectors and original maturity** • The table provides a detailed analysis of the Loans in kuna and Loans in f/c items in Table D5, showing separately loans by

domestic institutional sectors and original maturity, with the latter divided into maturity of up to one year, over one and up to five years and over five years.

Table D5c Distribution of other monetary financial institutions' loans to households by purpose and currency composition<sup>a</sup>  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Consumer loans	159.9	121.3	102.3	74.2	44.3	19.9	19.1	19.1	18.7	18.3
1.1 Kuna loans not indexed to f/c	128.2	101.3	91.3	68.5	41.4	17.4	16.9	17.0	16.7	16.4
1.2 Kuna loans indexed to f/c	31.7	20.0	11.0	5.7	2.9	2.4	2.1	2.0	2.0	1.9
o/w: Indexed to EUR	28.5	18.7	10.6	5.5	2.9	2.4	2.1	2.0	2.0	1.9
o/w: Indexed to CHF	3.1	1.3	0.3	0.2	0.0	–	–	–	–	–
1.3 Foreign currency loans	–	–	–	–	–	–	–	–	–	–
2 Housing loans	60,968.5	63,029.2	62,673.6	61,460.1	60,227.5	59,075.3	53,156.5	52,555.8	52,250.3	52,137.2
2.1 Kuna loans not indexed to f/c	4,747.7	4,607.0	4,544.4	4,415.9	4,551.7	5,603.7	6,457.4	8,230.5	8,715.6	9,142.7
2.2 Kuna loans indexed to f/c	56,207.7	58,409.7	58,117.9	57,034.1	55,666.4	53,467.9	46,697.2	44,323.4	43,532.9	42,992.8
o/w: Indexed to EUR	30,730.6	33,763.7	34,989.3	35,536.5	35,378.6	35,795.4	43,553.9	42,436.8	41,815.7	41,352.4
o/w: Indexed to CHF	25,441.7	24,604.9	23,086.0	21,459.8	20,244.8	17,625.2	3,101.9	1,841.0	1,672.6	1,596.0
2.3 Foreign currency loans	13.2	12.5	11.3	10.1	9.3	3.7	1.8	1.8	1.8	1.8
3 Mortgage loans	3,513.0	3,261.3	3,073.7	3,007.4	2,844.3	2,599.9	2,431.1	2,388.9	2,357.4	2,333.3
3.1 Kuna loans not indexed to f/c	234.8	131.3	117.3	179.9	178.0	179.6	176.0	178.0	177.6	176.0
3.2 Kuna loans indexed to f/c	3,263.0	3,129.0	2,953.8	2,821.7	2,663.8	2,417.2	2,252.3	2,206.5	2,175.4	2,153.0
o/w: Indexed to EUR	2,649.0	2,524.9	2,422.3	2,340.1	2,231.6	2,080.2	2,183.2	2,148.5	2,118.1	2,098.6
3.3 Foreign currency loans	15.2	1.1	2.5	5.8	2.5	3.0	2.8	4.5	4.3	4.3
4 Car loans	6,236.8	4,539.5	3,175.0	2,162.6	1,439.3	1,076.1	1,107.3	1,070.4	1,057.2	1,039.3
4.1 Kuna loans not indexed to f/c	1,458.6	1,385.0	1,200.7	982.8	803.7	736.7	738.7	753.7	756.0	752.4
4.2 Kuna loans indexed to f/c	4,772.2	3,150.7	1,972.5	1,179.1	635.1	339.4	368.5	316.7	301.1	286.8
o/w: Indexed to EUR	1,600.2	1,402.3	1,169.6	897.3	571.4	323.6	358.7	307.8	292.6	278.4
o/w: Indexed to CHF	3,171.7	1,748.3	802.8	281.7	63.7	15.8	9.8	8.8	8.5	8.4
4.3 Foreign currency loans	6.1	3.7	1.8	0.7	0.5	0.1	0.1	0.1	0.1	0.1
5 Credit card loans	4,386.8	4,109.3	3,941.2	3,834.6	3,831.0	3,716.2	3,597.0	3,684.8	3,692.8	3,687.9
5.1 Kuna loans not indexed to f/c	4,382.9	4,105.4	3,937.8	3,832.3	3,829.3	3,714.7	3,595.5	3,683.4	3,691.5	3,686.6
5.2 Kuna loans indexed to f/c	1.8	1.7	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0
o/w: Indexed to EUR	1.8	1.7	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0
5.3 Foreign currency loans	2.2	2.3	2.0	1.8	1.6	1.5	1.4	1.3	1.3	1.2
6 Overdrafts on transaction accounts	8,069.0	8,196.0	8,613.1	8,353.5	8,157.4	7,856.8	7,885.8	7,833.4	7,691.9	7,672.9
6.1 Kuna loans not indexed to f/c	8,068.8	8,195.5	8,612.6	8,352.9	8,156.9	7,855.8	7,884.9	7,832.6	7,691.2	7,672.2
6.2 Kuna loans indexed to f/c	–	0.0	–	–	–	0.7	0.6	0.5	0.5	0.4
o/w: Indexed to EUR	–	0.0	–	–	–	0.7	0.6	0.5	0.5	0.4
6.3 Foreign currency loans	0.3	0.4	0.4	0.5	0.5	0.3	0.3	0.3	0.3	0.3
7 Any-purpose cash loans	33,686.1	36,284.5	36,436.3	37,229.2	39,064.8	39,793.4	39,777.9	40,423.0	40,288.2	40,269.2
7.1 Kuna loans not indexed to f/c	10,485.2	10,350.8	9,931.9	11,674.6	14,976.4	18,614.3	20,004.9	21,610.5	21,959.2	22,243.0
7.2 Kuna loans indexed to f/c	23,133.2	25,930.9	26,504.4	25,553.7	24,087.9	21,178.9	19,773.0	18,812.5	18,329.0	18,026.2
o/w: Indexed to EUR	22,371.5	25,408.7	26,148.2	25,304.8	23,875.0	21,015.4	19,689.8	18,740.9	18,258.8	17,959.8
7.3 Foreign currency loans	67.7	2.7	–	0.9	0.5	0.2	0.0	0.0	0.0	0.0
8 Other loans	13,171.3	11,987.4	11,699.2	11,303.2	10,839.9	10,365.9	10,339.0	10,263.7	10,180.8	10,026.8
8.1 Kuna loans not indexed to f/c	3,311.9	2,143.0	2,237.8	2,362.8	2,771.0	2,673.3	2,794.0	2,873.7	2,867.8	2,813.8
8.2 Kuna loans indexed to f/c	9,632.2	9,551.4	9,227.3	8,706.1	7,825.4	7,476.1	7,302.1	7,127.4	7,068.3	7,016.0
o/w: Indexed to EUR	8,830.4	8,755.0	8,463.5	8,046.3	7,185.5	7,052.1	7,111.3	6,965.6	6,913.3	6,870.1
8.3 Foreign currency loans	227.2	293.1	234.1	234.3	243.5	216.6	242.9	262.6	244.6	197.0
<b>Total (1+2+3+4+5+6+7+8)</b>	<b>130,191.6</b>	<b>131,528.5</b>	<b>129,714.4</b>	<b>127,424.6</b>	<b>126,448.6</b>	<b>124,503.4</b>	<b>118,313.6</b>	<b>118,239.0</b>	<b>117,537.2</b>	<b>117,184.9</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

Table D5c Distribution of other monetary financial institutions' loans to households by purpose and currency composition

- The table provides a detailed analysis of kuna and f/c loans to households in Table D5 by purpose, showing separately loans

not indexed to f/c, loans indexed to f/c and foreign currency loans. Within loans indexed to f/c, loans indexed to the euro and loans indexed to the Swiss franc are reported separately under the "o/w" items.

Table D5d Distribution of other monetary financial institutions' working capital and investment loans to non-financial corporations by currency composition<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Working capital loans	39,267.6	45,557.6	39,633.8	39,483.2	37,400.0	35,287.7	36,825.5	36,570.6	36,139.2	35,218.1
1.1 Kuna loans not indexed to f/c	13,279.2	15,504.5	14,790.7	15,327.0	15,411.1	15,192.0	16,693.6	17,849.5	17,679.4	17,412.5
1.2 Kuna loans indexed to f/c	18,858.1	21,233.8	18,117.8	16,955.6	16,085.2	14,292.7	13,786.9	13,005.2	12,744.2	12,437.8
o/w: Indexed to EUR	18,246.7	20,739.3	17,820.2	16,674.1	15,801.4	14,051.2	13,583.4	12,830.5	12,578.4	12,274.6
o/w: Indexed to CHF	509.5	383.8	270.6	263.2	241.2	206.2	170.9	143.0	134.9	133.2
1.3 Foreign currency loans	7,130.3	8,819.2	6,725.3	7,200.6	5,903.7	5,803.0	6,345.0	5,715.9	5,715.7	5,367.9
o/w: In EUR	6,035.8	7,485.4	6,243.2	6,677.0	5,395.5	5,264.2	5,533.9	5,110.9	5,224.4	4,893.1
o/w: In USD	986.4	1,175.3	365.4	407.2	426.5	485.0	762.7	556.4	442.8	430.4
2 Investment loans	38,026.1	41,013.5	36,578.9	34,781.9	33,746.9	31,951.8	31,051.5	30,987.3	30,923.4	31,150.7
2.1 Kuna loans not indexed to f/c	6,581.0	6,287.2	5,604.2	5,974.9	6,474.3	6,668.3	6,612.2	6,925.5	6,975.7	6,916.0
2.2 Kuna loans indexed to f/c	26,246.2	28,548.5	26,391.1	24,382.2	22,988.2	21,420.2	20,883.7	20,540.8	20,441.1	20,454.5
o/w: Indexed to EUR	23,819.7	26,716.2	24,983.1	23,266.6	22,006.3	20,660.1	20,194.1	19,899.2	19,813.2	19,837.9
o/w: Indexed to CHF	2,378.6	1,789.2	1,372.9	1,089.7	955.1	740.1	677.3	629.6	616.0	605.3
2.3 Foreign currency loans	5,199.0	6,177.8	4,583.6	4,424.8	4,284.5	3,863.4	3,555.6	3,521.0	3,506.6	3,780.1
o/w: In EUR	4,807.0	5,402.9	4,354.7	4,294.6	4,129.6	3,708.8	3,410.3	3,379.3	3,366.1	3,642.0
o/w: In USD	31.3	406.2	12.4	11.9	56.3	49.5	44.6	42.9	42.3	41.8
<b>Total (1+2)</b>	<b>77,293.7</b>	<b>86,571.1</b>	<b>76,212.7</b>	<b>74,265.2</b>	<b>71,146.9</b>	<b>67,239.5</b>	<b>67,877.0</b>	<b>67,557.9</b>	<b>67,062.6</b>	<b>66,368.8</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

Table D5d Distribution of other monetary financial institutions' working capital and investment loans to non-financial corporations by currency composition • The table provides a detailed analysis of kuna and f/c loans to non-financial corporations in Table D5 by purpose, showing separately loans not

indexed to f/c, loans indexed to f/c and foreign currency loans. Within loans indexed to f/c, loans indexed to the euro and loans indexed to the Swiss franc are reported separately under the "o/w" items.

Table D6 Demand deposits with other monetary financial institutions<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Local government	2,210.7	2,152.1	2,202.0	2,326.2	2,951.5	2,964.5	2,688.0	3,028.9	3,315.4	3,128.0
2 Non-financial corporations	14,026.4	15,562.3	15,117.7	18,471.8	20,206.7	22,633.3	20,583.2	23,151.6	24,191.6	24,444.9
3 Households	15,285.2	15,874.4	15,994.5	17,681.9	19,520.8	22,845.7	22,768.2	24,498.2	25,554.9	26,657.2
4 Other banking institutions	....	....	....	....	....	....	....	....	....	....
5 Non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
6 Non-MMF investment funds	127.7	136.5	121.4	130.0	109.6	118.1	74.7	206.7	92.8	108.7
7 Other financial intermediaries	521.4	495.5	713.1	646.8	762.0	710.9	567.0	868.6	930.6	943.9
8 Financial auxiliaries	350.3	262.0	480.1	427.6	1,106.8	814.6	646.7	864.0	914.6	870.1
9 Insurance corporations and pension funds	189.6	317.2	362.7	792.9	259.7	427.1	481.2	746.1	488.7	493.0
10 Less: Checks of other banks and checks in collection	-0.1	0.0	0.0	0.0	0.0	-	-	-	-	-
<b>Total (1+2+3+4+5+6+7+8+9+10)</b>	<b>32,711.3</b>	<b>34,800.0</b>	<b>34,991.5</b>	<b>40,477.2</b>	<b>44,917.1</b>	<b>50,514.1</b>	<b>47,809.1</b>	<b>53,364.1</b>	<b>55,488.7</b>	<b>56,645.9</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

Table D6 Demand deposits with other monetary financial institutions • The table shows demand deposits with credit institutions, classified by domestic institutional sectors.

Up to November 2010, demand deposits were the sum of balances in transaction accounts of other domestic sectors, other banking institutions and non-banking financial institutions, minus currency in the payment system (i.e. checks in credit institutions' vaults and checks in collection). From December

2010 on, demand deposits are the sum of balances in transaction accounts of other domestic sectors, non-MMF investment funds, other financial intermediaries, financial auxiliaries as well as insurance corporations and pension funds, minus currency in the payment system (i.e. checks in credit institutions' vaults and checks in collection). Credit institutions' obligations arising from kuna payment instruments issued are included in the household sector.

Table D7 Kuna deposits with other monetary financial institutions<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Savings deposits	2,461.5	2,466.4	2,322.3	2,559.5	2,253.0	2,347.4	2,325.6	2,354.2	2,346.4	2,502.4
1.1 Local government	0.1	21.2	18.8	2.4	0.1	0.0	14.0	16.8	17.1	21.3
1.2 Non-financial corporations	272.6	396.6	365.4	655.9	455.9	478.8	477.1	507.7	506.3	613.8
1.3 Households	2,156.1	2,007.8	1,894.2	1,852.5	1,756.3	1,814.7	1,787.4	1,788.3	1,802.7	1,837.3
1.4 Other banking institutions	....	....	....	....	....	....	....	....	....	....
1.5 Non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
1.6 Non-MMF investment funds	–	–	–	–	–	–	–	–	–	–
1.7 Other financial intermediaries	9.7	30.0	30.1	38.6	39.7	53.6	46.9	41.2	19.4	29.1
1.8 Financial auxiliaries	12.3	7.7	8.3	1.3	1.0	0.3	0.2	0.2	0.9	0.9
1.9 Insurance corporations and pension funds	10.6	3.1	5.4	8.8	–	–	–	–	–	–
2 Time and notice deposits	26,680.5	31,210.5	29,367.5	30,847.6	32,218.8	32,859.6	33,085.8	33,271.1	33,629.5	33,293.5
2.1 Local government	264.9	268.6	228.2	197.5	217.8	271.5	656.8	760.3	776.2	772.0
2.2 Non-financial corporations	7,387.8	9,626.2	6,152.8	5,804.4	6,139.4	6,730.5	6,533.9	7,011.7	7,409.6	7,186.0
2.3 Households	15,657.1	17,881.0	19,962.5	21,959.2	22,386.7	22,718.3	22,969.3	22,617.7	22,626.6	22,559.6
2.4 Other banking institutions	....	....	....	....	....	....	....	....	....	....
2.5 Non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
2.6 OtNon-MMF investment funds	172.2	69.6	62.2	51.1	37.5	28.4	35.8	48.8	42.5	13.4
2.7 Other financial intermediaries	250.5	400.0	455.7	525.9	470.4	518.2	496.8	501.4	505.1	502.6
2.8 Financial auxiliaries	993.8	768.1	544.4	710.0	519.7	521.3	517.2	543.1	538.5	536.4
2.9 Insurance corporations and pension funds	1,954.3	2,197.0	1,961.8	1,599.5	2,447.3	2,071.4	1,875.9	1,788.2	1,731.1	1,723.4
<b>Total (1+2)</b>	<b>29,142.0</b>	<b>33,676.8</b>	<b>31,689.8</b>	<b>33,407.1</b>	<b>34,471.8</b>	<b>35,207.0</b>	<b>35,411.4</b>	<b>35,625.3</b>	<b>35,975.9</b>	<b>35,795.9</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D7 Kuna deposits with other monetary financial institutions** • Up to November 2010, the table shows kuna savings and time deposits by other domestic sectors, other banking institutions and non-banking financial institutions. From December

2010 on, the table shows kuna savings and time deposits by other domestic sectors, non-MMF investment funds, other financial intermediaries, financial auxiliaries as well as insurance corporations and pension funds.

Table D8 Foreign currency deposits with other monetary financial institutions<sup>a</sup>  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Savings deposits	22,869.5	22,828.2	23,652.9	25,284.0	28,967.8	34,668.5	36,200.9	38,686.1	41,889.5	46,461.0
1.1 Local government	20.6	11.0	22.4	30.6	29.2	36.0	28.7	34.4	35.1	43.3
1.2 Non-financial corporations	5,640.5	5,399.1	5,962.7	6,780.6	8,002.4	10,029.1	10,761.8	10,740.5	12,469.2	14,657.4
1.3 Households	16,480.3	16,949.9	16,574.0	17,787.2	19,370.5	23,361.1	23,517.9	25,333.9	26,403.9	27,913.3
1.4 Other banking institutions	....	....	....	....	....	....	....	....	....	....
1.5 Non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
1.6 Non-MMF investment funds	132.1	77.6	161.9	184.4	266.5	202.0	448.1	363.9	393.5	435.7
1.7 Other financial intermediaries	382.1	159.9	402.4	269.4	616.5	637.5	420.1	658.7	596.9	1,027.3
1.8 Financial auxiliaries	176.4	23.7	34.4	71.7	469.3	234.8	417.2	307.2	893.3	1,101.7
1.9 Insurance corporations and pension funds	37.5	207.1	495.1	160.1	213.4	168.2	607.2	1,247.5	1,097.5	1,282.2
2 Time deposits	131,828.4	129,368.9	136,790.9	137,372.3	135,898.8	136,655.4	130,905.4	127,739.7	126,721.8	126,216.4
2.1 Local government	163.7	106.4	92.7	69.7	59.8	49.3	50.8	50.1	49.8	49.8
o/w: Indexed to f/c	152.0	96.3	84.0	62.3	55.5	45.6	45.4	44.6	44.3	44.3
2.2 Non-financial corporations	14,582.7	10,159.5	11,134.9	10,707.0	8,954.8	13,409.2	11,749.9	11,589.5	11,610.8	11,623.3
o/w: Indexed to f/c	1,030.9	895.1	815.1	556.3	523.4	541.9	489.2	431.2	427.9	432.3
2.3 Households	111,484.7	115,711.4	121,241.8	123,242.8	123,393.1	120,807.6	116,736.7	114,222.0	113,146.1	112,497.8
o/w: Indexed to f/c	7,007.3	7,037.1	6,995.4	6,799.1	7,145.9	6,907.5	6,655.3	6,543.7	6,483.6	6,466.7
2.4 Other banking institutions	....	....	....	....	....	....	....	....	....	....
o/w: Indexed to f/c	....	....	....	....	....	....	....	....	....	....
2.5 Non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
o/w: Indexed to f/c	....	....	....	....	....	....	....	....	....	....
2.6 Non-MMF investment funds	380.5	222.4	72.5	73.8	61.8	117.2	74.1	94.4	230.5	182.0
o/w: Indexed to f/c	24.0	–	0.2	–	–	–	–	–	–	–
2.7 Other financial intermediaries	3,183.2	1,988.9	1,650.7	1,942.7	1,709.4	738.1	955.9	499.9	415.5	599.7
o/w: Indexed to f/c	131.0	163.9	144.0	163.0	199.9	162.5	164.2	163.8	153.2	158.6
2.8 Financial auxiliaries	396.3	40.6	482.6	251.1	106.3	94.4	107.7	68.7	64.5	64.5
o/w: Indexed to f/c	8.9	–	5.0	10.7	4.4	0.1	0.1	0.0	0.1	0.1
2.9 Insurance corporations and pension funds	1,637.3	1,139.6	2,115.6	1,085.3	1,613.6	1,439.7	1,230.2	1,215.1	1,204.4	1,199.4
o/w: Indexed to f/c	395.4	239.4	270.1	128.4	80.0	63.5	57.2	71.6	67.4	67.4
<b>Total (1+2)</b>	<b>154,697.9</b>	<b>152,197.1</b>	<b>160,443.7</b>	<b>162,656.3</b>	<b>164,866.6</b>	<b>171,323.9</b>	<b>167,106.3</b>	<b>166,425.8</b>	<b>168,611.2</b>	<b>172,677.3</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

Table D8 Foreign currency deposits with other monetary financial institutions • Up to November 2010, the table shows foreign currency savings and time deposits by other domestic sectors, other banking institutions and non-banking financial institutions. From December 2010 on, the table shows foreign currency savings and time deposits by other domestic sectors, non-MMF investment funds, other financial intermediaries,

financial auxiliaries as well as insurance corporations and pension funds.

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 D8a Currency composition of time deposits of households and non-financial corporations<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Kuna deposits not indexed to foreign currency	23,045.0	27,507.2	26,115.3	27,763.6	28,526.1	29,448.9	29,503.2	29,629.4	30,036.2	29,745.6
1.1 Deposits of households	15,657.1	17,881.0	19,962.5	21,959.2	22,386.7	22,718.3	22,969.3	22,617.7	22,626.6	22,559.6
1.2 Deposits of non-financial corporations	7,387.8	9,626.2	6,152.8	5,804.4	6,139.4	6,730.5	6,533.9	7,011.7	7,409.6	7,186.0
2 Kuna deposits indexed to foreign currency	8,038.2	7,932.1	7,810.5	7,355.3	7,669.3	7,449.4	7,144.6	6,974.9	6,911.5	6,899.0
2.1 Deposits of households	7,007.3	7,037.1	6,995.4	6,799.1	7,145.9	6,907.5	6,655.3	6,543.7	6,483.6	6,466.7
2.1.1 Indexed to EUR	6,807.8	6,852.9	6,829.8	6,654.1	7,002.2	6,775.0	6,538.9	6,438.6	6,381.7	6,367.3
2.1.2 Indexed to USD	64.4	61.3	55.4	42.7	47.0	32.6	29.5	28.9	28.3	27.7
2.1.3 Indexed to other currencies	135.1	122.9	110.1	102.3	96.6	99.9	86.9	76.2	73.7	71.6
2.2 Deposits of non-financial corporations	1,030.9	895.1	815.1	556.3	523.4	541.9	489.2	431.2	427.9	432.3
2.2.1 Indexed to EUR	1,020.2	888.2	812.7	555.0	520.7	540.7	488.7	430.7	427.4	431.8
2.2.2 Indexed to USD	9.9	6.2	1.8	0.7	2.3	0.8	0.2	0.2	0.2	0.2
2.2.3 Indexed to other currencies	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3
3 Foreign currency deposits	118,029.2	117,938.7	124,566.3	126,594.5	124,678.5	126,767.3	121,342.1	118,836.7	117,845.5	117,222.0
3.1 Deposits of households	104,477.4	108,674.3	114,246.5	116,443.8	116,247.2	113,900.1	110,081.4	107,678.3	106,662.5	106,031.1
3.1.1 In EUR	97,163.6	98,753.6	103,102.6	105,813.6	105,015.8	101,825.5	98,724.5	96,570.9	95,727.7	95,299.1
3.1.2 In USD	5,316.9	6,447.6	6,967.3	6,943.6	7,728.7	8,636.7	8,104.2	8,038.4	7,920.1	7,818.9
3.1.3 In other currencies	1,996.9	3,473.1	4,176.6	3,686.5	3,502.7	3,437.9	3,252.7	3,069.0	3,014.7	2,913.0
3.2 Deposits of non-financial corporations	13,551.8	9,264.4	10,319.8	10,150.7	8,431.3	12,867.2	11,260.7	11,158.4	11,182.9	11,190.9
3.2.1 In EUR	12,528.8	8,065.1	9,063.1	9,116.7	7,417.8	11,789.8	10,322.1	10,022.3	10,119.6	10,161.2
3.2.2 In USD	901.8	1,042.3	1,071.2	962.5	879.3	1,049.9	907.8	1,105.9	1,028.7	1,002.7
3.2.3 In other currencies	121.3	157.0	185.5	71.5	134.2	27.5	30.7	30.2	34.6	27.1
<b>Total (1+2+3)</b>	<b>149,112.4</b>	<b>153,378.0</b>	<b>158,492.0</b>	<b>161,713.4</b>	<b>160,873.9</b>	<b>163,665.6</b>	<b>157,989.9</b>	<b>155,441.0</b>	<b>154,793.1</b>	<b>153,866.7</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D8a Currency composition of time deposits of households and non-financial corporations** • The table provides a detailed analysis of the time deposits of households and non-financial corporations items in tables D7 and D8, showing separately kuna deposits not indexed to foreign currency, kuna

deposits indexed to foreign currency and foreign currency deposits. Within deposits indexed to foreign currency and foreign currency deposits, separately reported are deposits indexed to/ denominated in the euro, the US dollar and other currencies.

Table D8b Maturity composition of time deposits by sectors<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Local government	428.6	375.1	320.9	267.2	277.6	320.9	707.7	810.3	826.0	821.8
Up to 1 year	276.5	237.8	226.6	190.4	178.0	229.7	517.9	612.4	631.2	626.5
Over 1 and up to 2 years	28.9	35.3	16.5	12.9	36.8	33.3	128.3	139.5	137.3	137.8
Over 2 years	123.2	101.9	77.9	63.9	62.8	57.8	61.5	58.4	57.5	57.5
2 Non-financial corporations	21,970.6	19,785.6	17,287.7	16,511.3	15,094.1	20,139.7	18,283.8	18,601.3	19,020.4	18,809.3
Up to 1 year	17,158.1	14,265.1	12,657.2	13,242.0	11,075.3	13,087.0	11,040.5	10,360.7	11,045.4	11,021.5
Over 1 and up to 2 years	3,460.7	3,991.6	3,280.7	1,989.8	1,987.2	5,375.7	5,345.5	5,776.7	5,527.0	5,551.5
Over 2 years	1,351.8	1,528.9	1,349.8	1,279.6	2,031.6	1,677.0	1,897.8	2,463.9	2,448.0	2,236.3
3 Households	127,141.8	133,592.4	141,204.3	145,202.1	145,779.8	143,525.9	139,706.1	136,839.7	135,772.7	135,057.4
Up to 1 year	77,919.0	77,231.8	81,914.7	73,552.9	65,616.2	61,082.1	58,577.2	56,189.2	55,448.6	54,706.6
Over 1 and up to 2 years	23,228.2	27,752.7	28,108.2	36,602.4	39,749.4	37,829.7	36,309.7	35,115.4	34,719.7	34,564.8
Over 2 years	25,994.6	28,607.9	31,181.4	35,046.8	40,414.2	44,614.1	44,819.1	45,535.1	45,604.4	45,786.0
4 Non-MMF investment funds	552.7	292.0	134.6	124.9	99.3	145.6	110.0	143.1	273.0	195.4
Up to 1 year	552.7	276.6	131.1	118.0	69.3	133.6	82.7	127.2	236.1	187.1
Over 1 and up to 2 years	–	–	0.8	0.8	20.0	5.5	12.0	5.5	4.6	2.5
Over 2 years	–	15.4	2.7	6.1	9.9	6.4	15.2	10.4	32.4	5.8
5 Other financial intermediaries	3,433.7	2,389.0	2,106.4	2,468.6	2,179.8	1,256.2	1,452.7	1,001.2	920.6	1,102.3
Up to 1 year	2,571.2	2,243.1	1,964.0	2,094.6	1,775.9	942.3	1,059.8	644.1	679.3	853.5
Over 1 and up to 2 years	853.2	139.4	142.3	374.0	402.8	313.1	392.2	356.5	240.8	220.1
Over 2 years	9.3	6.5	0.0	–	1.1	0.9	0.7	0.7	0.4	28.8
6 Financial auxiliaries	1,390.0	808.7	1,027.0	961.1	626.1	615.7	624.9	611.8	603.0	600.9
Up to 1 year	1,341.7	759.0	830.7	704.6	505.8	443.6	509.2	539.0	530.3	526.4
Over 1 and up to 2 years	3.6	5.5	152.2	145.3	7.5	60.6	4.5	0.8	0.7	2.6
Over 2 years	44.7	44.1	44.1	111.3	112.7	111.4	111.2	72.0	71.9	71.9
7 Insurance corporations and pension funds	3,591.6	3,336.6	4,077.4	2,684.8	4,060.8	3,511.1	3,106.1	3,003.3	2,935.6	2,922.8
Up to 1 year	2,189.8	2,082.3	2,840.9	1,423.3	2,105.1	1,293.4	934.2	893.3	873.4	869.9
Over 1 and up to 2 years	676.1	528.0	644.2	717.0	966.7	983.6	964.1	917.7	876.9	867.4
Over 2 years	725.7	726.4	592.4	544.4	989.0	1,234.2	1,207.8	1,192.2	1,185.2	1,185.5
<b>Total time deposits (1+2+3+4+5+6+7)</b>	<b>158,509.0</b>	<b>160,579.3</b>	<b>166,158.4</b>	<b>168,220.0</b>	<b>168,117.6</b>	<b>169,515.0</b>	<b>163,991.2</b>	<b>161,010.8</b>	<b>160,351.2</b>	<b>159,509.9</b>
Up to 1 year	102,009.0	97,095.7	100,565.2	91,325.8	81,325.5	77,211.7	72,721.6	69,365.9	69,444.2	68,791.5
Over 1 and up to 2 years	28,250.6	32,452.5	32,344.9	39,842.2	43,170.5	44,601.5	43,156.3	42,312.1	41,507.1	41,346.7
Over 2 years	28,249.3	31,031.1	33,248.3	37,052.0	43,621.5	47,701.9	48,113.4	49,332.7	49,399.9	49,371.7

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D8b Maturity composition of time deposits by sectors** • The table provides a detailed analysis of the Time deposits item in tables D7 and D8, showing separately time deposits by

sectors, with the division according to original maturity of up to one year, over one and up to two years and over two years.

**Table D9 Bonds and money market instruments<sup>a</sup>**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Money market instruments (net)	–	–	–	–	–	0.8	0.8	–	–	–
2 Bonds (net)	940.1	1,684.5	1,584.2	1,597.7	1,402.2	1,200.0	1,190.6	1,169.2	1,161.2	1,158.4
3 Other domestic borrowing	48.5	44.2	827.8	397.6	759.2	977.0	1,108.5	646.3	806.3	1,103.7
3.1 Local government	–	–	–	–	–	–	–	–	–	–
3.2 Non-financial corporations	0.0	0.0	786.5	317.0	723.1	896.9	1,037.2	628.1	788.1	1,085.6
3.3 Other banking institutions	....	....	....	....	....	....	....	....	....	....
3.4 Non-banking financial institutions	....	....	....	....	....	....	....	....	....	....
3.5 Non-MMF investment funds	–	–	–	–	–	2.8	2.8	2.8	2.8	2.8
3.6 Other financial intermediaries	48.5	1.6	2.1	1.7	1.2	0.8	0.6	0.5	0.5	0.4
3.7 Financial auxiliaries	–	16.4	39.2	78.9	34.9	76.4	67.9	14.9	14.9	14.9
3.8 Insurance corporations and pension funds	–	26.1	–	–	–	–	–	–	–	–
<b>Total (1+2+3)</b>	<b>988.6</b>	<b>1,728.7</b>	<b>2,412.0</b>	<b>1,995.3</b>	<b>2,161.3</b>	<b>2,177.8</b>	<b>2,299.9</b>	<b>1,815.6</b>	<b>1,967.5</b>	<b>2,262.1</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D9 Bonds and money market instruments** • The table shows credit institutions' liabilities for securities issued (net) and loans received from other domestic sectors and, up to November 2010, other banking institutions and non-banking financial institutions and, from December 2010, other financial intermediaries, financial auxiliaries as well as insurance corporations and pension funds.

Up to November 2010, money market instruments (net) comprised credit institutions' net liabilities for CNB bills, bills of exchange (issued and accepted) and other securities issued.

From December 2010 on, money market instruments (net) comprise net liabilities for issued commercial bills and non-transferable instruments (debt securities).

Bonds (net) comprise credit institutions' 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 Foreign liabilities of other monetary financial institutions<sup>a</sup>

end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Foreign liabilities in f/c	61,020.4	69,975.1	58,942.6	54,860.9	52,084.3	39,919.5	36,589.7	35,071.2	33,742.5	32,657.3
1.1 Liabilities to foreign financial institutions	51,070.5	60,081.6	48,548.7	44,696.0	41,942.7	29,316.4	26,066.7	23,122.2	21,796.1	20,724.3
o/w: Indexed to f/c	2,234.8	2,069.6	1,097.3	1,259.7	1,346.9	1,480.5	1,379.8	1,379.1	1,391.4	1,483.8
Subordinated and hybrid instruments	3,029.2	3,271.9	3,239.8	3,045.0	3,119.9	3,864.4	3,808.0	3,808.7	3,790.8	3,794.1
Demand deposits	203.4	180.4	179.1	276.2	457.6	440.5	600.1	676.2	745.7	1,009.7
Time and notice deposits	21,525.3	28,430.5	17,377.5	18,771.8	16,925.3	14,329.5	11,330.8	10,577.9	9,596.1	8,206.6
Loans and advances	26,312.6	28,198.8	27,752.2	22,447.4	21,203.5	10,443.1	10,171.6	7,903.0	7,489.0	7,451.0
Bonds	-	-	-	-	-	-	-	-	-	-
MMFs shares/units	....	-	-	155.6	236.3	238.9	156.3	156.4	174.5	263.0
1.2 Liabilities to foreign non-financial institutions	9,949.9	9,893.6	10,393.9	10,164.8	10,141.6	10,603.2	10,523.1	11,949.0	11,946.4	11,932.9
o/w: Indexed to f/c	29.8	33.8	39.2	40.8	44.4	66.5	66.9	66.2	68.6	72.8
Subordinated and hybrid instruments	11.1	14.8	13.9	10.4	5.7	10.2	11.0	11.0	11.0	11.0
Savings and time deposits	9,934.8	9,866.5	10,211.8	9,829.4	10,113.8	10,550.9	10,470.1	11,896.9	11,892.2	11,874.8
Savings deposits	1,421.3	1,398.5	1,606.5	1,725.8	2,072.4	2,652.0	2,625.3	2,776.9	2,755.3	2,841.2
Time and notice deposits	8,513.5	8,468.0	8,605.3	8,103.6	8,041.4	7,898.9	7,844.8	9,120.0	9,136.9	9,033.5
Loans and advances	4.1	2.5	152.1	305.5	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-	-	-
MMFs shares/units	....	9.8	16.1	19.5	22.1	42.1	41.9	41.1	43.2	47.2
2 Foreign liabilities in kuna	21,078.9	20,513.8	14,884.5	14,860.7	10,243.9	6,736.6	6,520.7	5,407.9	4,049.2	3,546.8
2.1 Liabilities to foreign financial institutions	20,731.1	20,024.2	14,317.8	14,320.9	9,577.9	5,841.3	5,573.5	4,394.6	3,050.6	2,507.9
Subordinated and hybrid instruments	36.3	48.5	41.3	36.3	-	5.0	12.8	32.9	20.0	20.0
Demand deposits	696.5	655.3	724.4	924.6	1,650.3	1,078.1	771.4	958.2	925.3	526.3
Time and notice deposits	14,664.0	15,463.5	11,398.4	9,806.1	7,728.7	4,586.4	4,576.2	3,269.3	1,971.1	1,908.6
Loans and advances	5,257.8	3,736.6	1,996.7	3,362.7	113.5	87.3	87.3	40.0	40.0	40.0
Bonds	76.5	-	30.9	0.0	0.0	11.9	11.9	11.9	11.9	11.9
MMFs shares/units	....	120.3	126.1	191.3	85.4	72.7	114.0	82.2	82.2	1.1
2.2 Liabilities to foreign non-financial institutions	347.8	489.6	566.7	539.8	666.0	895.3	947.2	1,013.3	998.6	1,038.9
Subordinated and hybrid instruments	8.5	10.2	10.3	10.3	10.3	10.3	10.3	10.3	3.6	3.6
Demand deposits	221.7	327.7	364.8	326.1	437.8	578.2	616.2	689.2	672.0	716.6
Time and notice deposits	117.2	141.2	181.9	191.1	203.5	294.9	302.6	297.1	305.7	301.3
Loans and advances	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bonds	-	-	-	-	-	-	-	-	-	-
MMFs shares/units	....	10.5	9.8	12.3	14.4	11.9	18.1	16.6	17.3	17.4
Total (1+2)	82,099.3	90,488.9	73,827.0	69,721.5	62,328.2	46,656.1	43,110.5	40,479.1	37,791.7	36,204.1

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds. Due to the reclassification of the position of MMFs shares/units from foreign liabilities in kuna to foreign liabilities in f/c, data have been revised as from December 2011.

**Table D10 Foreign liabilities of other monetary financial institutions** • The table shows other monetary financial institutions' 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.

Foreign liabilities of other monetary financial institutions comprise foreign currency liabilities and foreign kuna liabilities.

Within foreign kuna and foreign currency liabilities, liabilities to foreign financial institutions are reported separately from liabilities to foreign non-financial institutions (total and by

financial instruments). Items Demand deposits and Savings deposits comprise transaction accounts and savings deposits.

In March 2013, data on item Loans have been revised to exclude data related to subordinated and hybrid instruments. Item "o/w: Subordinated and hybrid instruments", which was up to March 2013 reported under Loans and advances, has been reclassified accordingly. It is now reported as a separate item and includes all instruments on the liability side having the features of a subordinated or hybrid instrument.

**Table D11 Deposits of the central government and social security funds with other monetary financial institutions<sup>a</sup>**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 In kuna	8,329.8	8,095.5	9,128.0	8,759.0	9,003.5	8,797.9	8,571.5	7,931.2	8,017.4	9,123.3
1.1 Central government deposits	8,329.5	8,094.9	9,128.0	8,722.1	9,002.3	8,797.9	8,571.5	7,931.2	8,017.4	9,123.0
Demand deposits	1,592.5	1,997.0	2,040.7	2,258.0	2,385.2	2,580.5	2,266.5	2,169.3	2,211.1	2,485.9
Savings deposits	0.1	0.1	19.8	31.6	30.9	24.8	30.7	27.7	27.7	27.7
Time and notice deposits	1,228.2	984.0	833.5	942.6	740.4	989.7	912.3	890.9	954.1	1,965.1
Loans and advances	5,508.8	5,113.8	6,233.9	5,490.0	5,845.9	5,203.0	5,362.0	4,843.4	4,824.5	4,644.3
1.2 Deposits of social security funds	0.3	0.6	0.0	36.9	1.1	0.0	0.0	0.0	0.0	0.2
Demand deposits	0.3	0.6	0.0	36.9	1.1	0.0	0.0	0.0	0.0	0.2
Savings deposits	–	–	–	–	–	–	–	–	–	–
Time and notice deposits	–	–	–	–	–	–	–	–	–	–
Loans and advances	–	–	–	–	–	–	–	–	–	–
2 In f/c	13,863.9	12,436.9	11,486.7	10,133.1	10,176.6	8,737.1	8,401.8	8,160.1	8,962.1	9,150.4
2.1 Central government deposits	13,828.3	12,394.0	11,442.0	10,099.4	10,162.2	8,732.9	8,398.2	8,156.4	8,958.4	9,146.7
Savings deposits	1,169.6	811.0	1,826.2	864.6	1,258.6	1,109.1	1,062.2	1,067.6	1,171.8	1,314.2
Time and notice deposits	1,909.6	1,671.6	495.0	505.9	773.5	404.9	453.0	107.8	840.2	852.2
Refinanced loans and advances	10,749.2	9,911.4	9,120.7	8,728.8	8,130.1	7,218.9	6,883.0	6,981.0	6,946.3	6,980.3
2.2 Deposits of social security funds	35.6	42.9	44.7	33.6	14.4	4.2	3.6	3.7	3.7	3.7
Savings deposits	24.3	31.3	33.0	23.8	5.2	0.1	0.0	0.1	0.2	0.1
Time and notice deposits	11.2	11.6	11.8	9.9	9.2	4.1	3.6	3.5	3.5	3.5
Loans and advances	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2)</b>	<b>22,193.7</b>	<b>20,532.4</b>	<b>20,614.7</b>	<b>18,892.0</b>	<b>19,180.1</b>	<b>17,535.0</b>	<b>16,973.3</b>	<b>16,091.3</b>	<b>16,979.5</b>	<b>18,273.6</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D11 Deposits of the central government and social security funds with other monetary financial institutions** • The table reports total credit institutions' kuna and foreign currency liabilities to the central government and social security funds, with the exception of restricted (kuna and foreign currency) deposits by the central government and social security funds with credit institutions.

Kuna and foreign currency deposits by the central government and social security funds are shown separately. Kuna deposits comprise demand deposits, savings deposits, time and notice deposits, and loans received from the central government and social security funds. Foreign currency deposits comprise savings deposits, time deposits and notice deposits.

**Table D12 Restricted and blocked deposits with other monetary financial institutions<sup>a</sup>**  
end of period, in million HRK

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.	Jun.	Jul.	Aug.
1 Restricted deposits	2,374.9	3,183.9	2,413.9	2,735.9	3,076.0	3,930.1	3,638.0	3,660.4	3,290.2	3,075.7
1.1 In kuna	1,257.5	1,571.4	1,428.7	1,707.1	2,032.1	2,428.9	2,431.0	2,731.3	2,465.1	2,372.5
1.2 In f/c	1,117.4	1,612.5	985.2	1,028.9	1,043.9	1,501.1	1,207.0	929.0	825.1	703.1
2 Blocked f/c deposits of households	–	–	–	–	–	–	–	–	–	–
<b>Total (1+2)</b>	<b>2,374.9</b>	<b>3,183.9</b>	<b>2,413.9</b>	<b>2,735.9</b>	<b>3,076.0</b>	<b>3,930.1</b>	<b>3,638.0</b>	<b>3,660.4</b>	<b>3,290.2</b>	<b>3,075.7</b>

<sup>a</sup> From December 2010 onwards, data are harmonised with the ESA 2010 methodology. As from July 1999, the CBRD is reclassified from the sector other financial intermediaries to the sector central government. Up to May 2006, kuna positions also include kuna items indexed to foreign currency, and starting from June 2006, kuna items indexed to foreign currency are reclassified to foreign exchange positions. From December 2011 onwards, data also include money market funds.

**Table D12 Restricted and blocked deposits with other monetary financial institutions** • 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.

## E Non-MMF investment funds

Table E1a Aggregated balance sheet of investment funds (end-of-period balance)  
in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.*	2016		
						Mar.*	Jun.*	Jul.
<b>ASSETS</b>								
1 Deposits and loans given	552.3	478.3	486.9	742.8	672.1	836.3	886.2	1,027.4
1.1 Domestic sectors	551.5	478.0	485.2	742.4	663.7	826.1	874.3	1,020.6
o/w: MMFs	522.8	448.4	460.4	552.8	559.6	740.4	786.6	871.5
1.2 Rest of the world	0.8	0.3	1.7	0.4	8.4	10.3	11.9	6.8
2 Investment in debt securities	1,526.4	979.4	841.1	1,511.2	2,283.1	2,742.3	2,886.7	3,037.3
2.1 Domestic sectors	970.0	574.1	635.9	1,321.2	2,133.2	2,615.4	2,760.9	2,825.2
o/w: Non-financial corporations	564.7	267.8	141.9	123.6	130.8	137.1	152.7	163.0
o/w: Financial corporations	27.3	16.1	4.6	6.2	13.0	13.4	13.4	13.4
o/w: General government	378.1	290.2	489.3	1,191.4	1,989.4	2,464.9	2,594.9	2,648.8
2 Rest of the world	556.4	405.3	205.3	190.0	150.0	126.9	125.8	212.1
o/w: Non-financial corporations	88.0	110.2	127.0	62.0	51.1	37.9	37.8	29.1
o/w: Financial corporations	19.5	56.4	32.0	5.3	7.2	10.8	11.6	10.8
o/w: General government	448.9	238.6	46.3	122.7	91.8	78.2	76.3	172.3
3 Investment in equities and other share capital	4,357.4	4,208.7	4,028.9	4,347.8	4,714.6	4,477.5	4,434.9	4,619.9
3.1 Domestic sectors	2,260.9	2,388.4	2,285.1	2,696.7	2,958.3	2,879.6	2,907.5	3,052.9
o/w: Non-financial corporations	1,898.2	2,079.8	2,005.8	2,450.7	2,600.0	2,489.6	2,483.4	2,635.9
o/w: Financial corporations	362.7	308.7	279.3	246.0	358.3	390.0	424.1	417.0
3.2 Rest of the world	2,096.5	1,820.2	1,743.8	1,651.1	1,756.3	1,597.8	1,527.3	1,567.0
o/w: Non-financial corporations	1,548.4	1,332.2	1,342.4	1,250.5	1,269.0	1,150.3	1,078.3	1,131.2
o/w: Financial corporations	548.1	488.0	401.4	400.6	487.3	447.5	449.0	435.8
4 Non-financial assets	289.0	206.0	121.3	115.0	69.2	68.9	70.4	70.3
5 Other assets (including financial derivatives)	160.2	205.1	128.3	131.9	141.7	347.7	332.6	384.6
<b>Total (1+2+3+4+5)</b>	<b>6,885.2</b>	<b>6,077.5</b>	<b>5,606.5</b>	<b>6,848.7</b>	<b>7,880.7</b>	<b>8,472.8</b>	<b>8,610.7</b>	<b>9,139.4</b>
<b>LIABILITIES</b>								
1 Deposits and liabilities received	36.4	22.3	44.7	182.2	123.2	304.1	238.8	325.1
2 Investment funds' shares/units issued	6,708.6	5,943.2	5,321.9	6,392.8	7,492.5	7,668.5	7,958.7	8,368.2
2.1 Domestic sectors	6,498.9	5,721.8	5,132.9	6,204.1	7,209.8	7,285.4	7,568.6	7,950.5
o/w: Non-financial corporations	425.7	381.7	319.0	492.5	472.8	496.4	520.8	560.1
o/w: Financial corporations	2,000.2	1,608.4	1,311.9	1,407.4	1,435.2	1,529.6	1,563.6	1,684.0
o/w: Households	2,901.1	2,424.2	2,176.3	2,699.3	3,591.4	3,535.8	3,762.6	3,855.1
2.2 Rest of the world	209.7	221.4	189.0	188.7	282.8	383.1	390.1	417.7
o/w: Non-financial corporations	47.8	37.2	7.1	8.2	6.9	6.9	6.6	5.9
o/w: Financial corporations	80.6	117.2	110.9	89.6	167.2	263.4	257.6	278.0
o/w: Households	77.1	66.9	67.3	90.9	108.7	112.8	125.9	133.8
3 Other liabilities (including financial derivatives)	140.2	112.0	239.9	273.6	265.0	500.2	413.3	446.1
<b>Total (1+ 2+ 3)</b>	<b>6,885.2</b>	<b>6,077.5</b>	<b>5,606.5</b>	<b>6,848.7</b>	<b>7,880.7</b>	<b>8,472.8</b>	<b>8,610.7</b>	<b>9,139.4</b>

**Tables E1 •** The tables show data on claims and liabilities of investment funds (except money market funds which are aggregated in the credit institutions' balance sheet) and monthly net transactions for each asset and liability position. Data are reported on an aggregate basis, which means that investment funds' assets also include the funds' investments in other investment

funds' shares/units.

The balances and net transactions of financially significant positions of assets and liabilities are shown separately for resident and non-resident counterparties and according to the counterparty's classification into a specific economic sector.

Table E1b Aggregated balance sheet of investment funds (transactions during the period)

in million HRK

	2011	2012	2013	2014	2015*	2016		
						Q1*	Q2*	Jul.
ASSETS								
1 Deposits and loans given	–	–80.6	56.6	250.6	–75.8	170.0	49.0	145.4
1.1 Domestic sectors	–	–83.3	54.4	251.8	–83.7	168.1	47.4	150.5
o/w: MMFs	–	–84.4	59.5	85.7	0.1	186.4	45.4	89.0
1.2 Rest of the world	–	2.7	2.1	–1.2	7.9	1.9	1.6	–5.1
2 Investment in debt securities	–	–542.9	–44.7	592.6	750.3	483.0	135.6	149.5
2.1 Domestic sectors	–	–366.4	124.5	617.2	797.7	504.0	138.3	64.6
o/w: Non-financial corporations	–	–223.3	–64.1	–38.6	4.6	7.4	15.0	9.2
o/w: Financial corporations	–	–18.0	–11.8	1.6	7.0	0.5	–0.1	0.0
o/w: General government	–	–125.0	200.4	654.1	786.2	496.1	123.4	55.4
2 Rest of the world	–	–176.6	–169.1	–24.6	–47.4	–21.0	–2.7	84.9
o/w: Non-financial corporations	–	13.9	27.2	–61.3	–15.9	–12.7	–0.6	–8.8
o/w: Financial corporations	–	32.2	–20.2	–24.7	1.5	4.3	1.0	–1.0
o/w: General government	–	–222.7	–176.2	61.5	–33.0	–12.6	–3.1	94.7
3 Investment in equities and other share capital	–	–253.5	–334.6	90.2	215.1	–124.5	–32.2	35.2
3.1 Domestic sectors	–	118.4	–118.3	275.7	139.0	–39.7	23.8	52.6
o/w: Non-financial corporations	–	167.2	–117.2	325.3	28.6	–71.1	–10.7	62.8
o/w: Financial corporations	–	–48.8	–1.0	–49.6	110.4	31.4	34.5	–10.2
3.2 Rest of the world	–	–371.9	–216.4	–185.6	76.2	–84.8	–56.0	–17.4
o/w: Non-financial corporations	–	–341.1	–126.3	–138.4	–12.2	–71.5	–55.8	9.1
o/w: Financial corporations	–	–30.9	–90.1	–47.2	88.3	–13.3	–0.2	–26.5
4 Non-financial assets	–	–81.5	–5.2	0.0	–45.8	–0.3	1.5	–0.2
5 Other assets (including financial derivatives)	–	–46.5	–122.8	–6.5	–58.4	176.6	–42.0	41.8
Total (1+2+3+4+5)	–	–1,005.0	–450.7	926.8	785.5	704.8	111.9	371.7
LIABILITIES								
1 Deposits and loans received	–	–13.4	23.3	136.2	–59.5	185.2	–66.5	87.5
2 Investment funds' shares/units issued	–	–923.5	–600.5	769.3	892.3	291.5	301.4	260.3
2.1 Domestic sectors	–	–927.5	–562.3	783.1	795.8	191.4	295.0	241.9
o/w: Non-financial corporations	–	–23.1	–11.2	154.4	–30.8	27.3	25.0	36.6
o/w: Financial corporations	–	–386.2	–194.6	21.7	–20.0	115.1	41.6	93.3
o/w: General government	–	–587.2	–296.6	363.4	783.3	1.5	215.2	39.4
2.2 Rest of the world	–	4.0	–38.2	–13.8	96.5	100.1	6.4	18.4
o/w: Non-financial corporations	–	–10.5	–29.7	–0.8	–1.2	0.0	–0.2	–0.8
o/w: Financial corporations	–	30.9	–10.0	–31.4	78.7	95.7	–4.3	18.3
o/w: Households	–	–12.0	–3.2	16.9	18.9	4.4	11.0	0.9
3 Other liabilities (including financial derivatives)	–	–68.0	126.5	21.4	–47.3	228.0	–123.0	23.9
Total (1+ 2+ 3)	–	–1,005.0	–450.7	926.8	785.5	704.8	111.9	371.7



Table E2a Investment funds' shares/units issued by type of investment and type of fund (end-of-period balance)

in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.*	2016		
						Mar.*	Jun.*	Jul.
Investment funds' shares/units issued by type of investment								
1 Bonds	814.4	542.3	394.0	911.1	1,478.3	1,872.2	2,277.4	2,453.4
2 Equities	3,634.2	3,406.3	3,274.5	3,209.4	3,155.5	3,045.2	3,001.2	3,118.6
3 Mixed	1,454.2	1,170.7	866.9	931.6	1,317.3	1,217.0	1,154.0	1,148.5
4 Real estate	404.0	295.7	128.1	118.8	76.4	75.8	73.7	73.4
5 Others	401.8	528.2	658.4	1,222.0	1,465.0	1,458.2	1,452.5	1,574.4
Total (1+2+3+4+5)	6,708.6	5,943.2	5,321.9	6,392.8	7,492.5	7,668.5	7,958.7	8,368.2
Investment funds' shares/units issued by type of fund								
1 Open-ended	5,090.8	4,365.9	3,939.0	4,930.6	6,032.9	6,189.5	6,509.0	6,857.5
2 Closed-ended	1,617.9	1,577.3	1,382.9	1,462.2	1,459.6	1,479.0	1,449.7	1,510.7
Total (1+2)	6,708.6	5,943.2	5,321.9	6,392.8	7,492.5	7,668.5	7,958.7	8,368.2

**Tables E2 •** The tables report a detailed structure of the investment funds' shares/units issued (except MMFs which are aggregated in the credit institutions' balance sheet) by the type of investment and the type of fund.

The type of investment implies the fund's investment policy given in the prospectus, predominantly in bonds, equities, a combination of bonds and equities (mixed funds), real estate and other types of investment (hedge funds), venture capital

funds, and others). By the type of fund, we distinguish between open-ended and closed-ended funds. The shares/units in an open-ended investment fund are purchased, directly or indirectly, at the request of the holder of the share/unit from the investment fund's assets. The shares/units in a closed-ended fund, established in the form of a stock company or a limited liability company, cannot be purchased from the closed-ended fund's assets at holder's request.

Table E2b Investment funds' shares/units issued by type of investment and type of fund (transactions during the period)

in million HRK

	2011	2012	2013	2014	2015*	2016		
						Q1*	Q2*	Jul.
Investment funds' shares/units issued by type of investment								
1 Bonds	–	–316.7	–148.3	482.3	531.2	382.1	402.9	178.5
2 Equities	–	–380.6	–349.8	–149.5	–173.0	–10.1	–16.7	–10.5
3 Mixed	–	–338.7	–140.0	–6.2	329.3	–77.6	–72.3	–22.8
4 Real estate	–	–71.6	–8.2	–2.1	–42.5	–0.6	–2.2	–0.3
5 Others	–	184.1	45.8	444.6	247.3	–2.3	–10.3	115.5
Total (1+2+3+4+5)	–	–923.5	–600.5	769.3	892.3	291.5	301.4	260.3
Investment funds' shares/units issued by type of fund								
1 Open-ended	–	–864.7	–485.6	774.4	955.4	237.0	312.1	259.5
2 Closed-ended	–	–58.8	–114.9	–5.1	–63.1	54.5	–10.7	0.8
Total (1+2)	–	–923.5	–600.5	769.3	892.3	291.5	301.4	260.3

## 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
1	2	3	4	5	6	7	8	9	10
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>c</sup>	–	–	8.50 <sup>c</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	December	7.00	–	6.25	–	–	7.25	14.50	12.00
2013	December	7.00	–	5.00 <sup>e</sup>	–	–	6.00 <sup>e</sup>	12.00 <sup>e</sup>	12.00
2014	December	7.00	–	5.00	–	–	6.00	12.00	12.00
2015	September	7.00	0.80	5.00	–	–	6.00	12.00	10.14
	October	3.00 <sup>f</sup>	0.80	2.50 <sup>f</sup>	–	–	4.00 <sup>f</sup>	8.00 <sup>f</sup>	10.14
	November	3.00	0.55	2.50	–	–	4.00	8.00	10.14
	December	3.00	0.50	2.50	–	–	4.00	8.00	10.14
2016	January	3.00	0.50	2.50	–	–	4.00	8.00	10.05 <sup>g</sup>
	February	3.00	0.50	2.50	–	–	4.00	8.00	10.05
	March	3.00	0.50	2.50	–	–	4.00	8.00	10.05
	April	3.00	0.50	2.50	–	–	4.00	8.00	10.05
	May	3.00	0.50	2.50	–	–	4.00	8.00	10.05
	June	3.00	0.50	2.50	–	–	4.00	8.00	10.05
	July	3.00	0.50	2.50	–	–	4.00	8.00	9.88 <sup>h</sup>
	August	3.00	0.47	2.50	–	–	4.00	8.00	9.88

<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 7 December 2013. <sup>f</sup> Since 31 October 2015. <sup>g</sup> Since 1 January 2016.

<sup>h</sup> Since 1 July 2016.

**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
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	0.00	–	–	–	–	–	–	–	–	–	–	0.25
2012	December	0.00	–	–	–	–	–	–	–	–	–	–	0.25
2013	December	0.00	–	–	–	–	–	–	–	–	–	–	0.00
2014	December	0.00	–	–	–	–	–	–	–	–	–	–	0.00
2015	September	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	October	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	November	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	December	0.00	–	–	–	–	–	–	–	–	–	–	0.00
2016	January	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	February	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	March	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	April	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	May	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	June	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	July	0.00	–	–	–	–	–	–	–	–	–	–	0.00
	August	0.00	–	–	–	–	–	–	–	–	–	–	0.00

<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 deposit 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

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
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	December	13.50	42,272.1	35,107.8	7,164.3	–	24,575.4	5,120.7	–	–
2013	December	12.48	39,283.2	32,733.2	6,550.0	2,655.2	22,913.3	4,605.3	–	–
2014	December	12.00	37,589.8	31,351.3	6,238.5	3,568.0	21,945.9	3,743.1	–	–
2015	September	12.00	37,607.6	31,422.1	6,185.6	3,203.0	21,995.5	3,711.3	–	–
	October	12.00	37,829.1	31,620.3	6,208.8	661.7	22,134.2	3,725.3	–	–
	November	12.00	38,236.2	31,921.9	6,314.3	–	22,345.3	3,788.6	–	–
	December	12.00	38,279.3	31,941.1	6,338.2	–	22,358.8	3,802.9	–	–
2016	January	12.00	38,091.8	31,812.7	6,279.1	–	22,268.9	1,470.5	–	–
	February	12.00	37,489.1	31,349.0	6,140.2	–	21,944.3	–	–	–
	March	12.00	37,030.8	30,972.9	6,057.9	–	21,681.1	–	–	–
	April	12.00	36,641.9	30,671.0	5,970.9	–	21,469.7	–	–	–
	May	12.00	35,934.1	30,106.2	5,827.9	–	21,074.3	–	–	–
	June	12.00	35,696.0	29,920.1	5,775.9	–	20,944.1	–	–	–
	July	12.00	35,990.5	30,201.1	5,789.4	–	21,140.7	–	–	–
	August	12.00	36,350.5	30,533.5	5,817.1	–	21,373.4	–	–	–

the part in which banks were conforming to this requirement by registering CNB bills on a voluntary basis). In December 2000, 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 amounted to 60% until December 2015, while from January 2016, it amounts to 0%.

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
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	December	612.4	5,113.4	0.61	–	–	–	8,010.0
2013	December	5,390.9	4,944.6	5.14	2.3	–	–	12,495.7
2014	December	5,970.3	7,473.8	5.67	–	–	–	14,588.2
2015	September	5,541.2	8,593.9	5.17	–	–	–	11,780.1
	October	7,074.5	8,919.1	6.53	0.3	–	–	11,075.1
	November	7,651.1	9,481.7	7.07	0.2	–	–	10,798.0
	December	7,283.7	9,956.2	6.76	–	–	–	11,741.9
2016	January	8,341.7	8,567.9	7.71	–	–	–	11,401.9
	February	10,040.7	7,371.4	9.32	–	–	–	11,104.9
	March	9,005.3	6,787.0	8.44	–	–	–	10,928.1
	April	8,389.0	6,751.8	7.89	0.0	–	–	10,425.6
	May	8,594.8	7,111.0	8.17	–	–	–	9,993.7
	June	9,132.6	8,548.6	8.70	–	–	–	9,250.8
	July	6,787.9	10,465.3	6.35	–	–	–	9,348.4
	August	5,121.9	13,106.2	4.70	–	–	–	9,357.3

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 G1a Credit institutions' interest rates on kuna deposits not indexed to foreign currency (new business)**  
weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.*	Jul.*	Interest rate	Volume
<b>1 Households</b>										
1.1 Overnight deposits	0.25	0.24	0.22	0.20	0.19	0.15	0.15	0.15	0.14	28,798.8
o/w: Transaction accounts	0.20	0.19	0.16	0.13	0.11	0.07	0.07	0.07	0.07	26,938.3
o/w: Savings deposits	0.68	0.70	0.87	1.03	1.13	1.19	1.23	1.23	1.23	1,837.3
1.2 Time deposits	3.75	3.43	2.89	2.43	2.15	1.82	1.62	1.50	1.42	1,513.2
1.2.1 Up to 3 months	3.17	2.39	2.12	1.66	1.50	1.12	0.92	0.78	0.71	341.0
1.2.2 Over 3 and up to 6 months	3.76	3.53	2.84	2.43	1.94	1.58	1.39	1.21	1.14	254.0
1.2.3 Over 6 months and up to 1 year	4.06	3.91	3.25	2.68	2.34	1.94	1.72	1.64	1.57	513.2
1.2.4 Over 1 and up to 2 years	4.42	4.43	3.64	3.13	2.74	2.39	2.21	2.04	1.95	269.6
1.2.5 Over 2 years	4.78	4.32	3.82	3.14	2.74	2.54	2.36	2.27	2.09	135.4
1.3 Deposits redeemable at notice	2.86	–	–	–	–	–	–	–	–	–
1.3.1 Up to 3 months	2.86	–	–	–	–	–	–	–	–	–
1.3.2 Over 3 months	–	–	–	–	–	–	–	–	–	–
<b>2 Non-financial corporations</b>										
2.1 Overnight deposits	0.64	0.60	0.43	0.32	0.25	0.16	0.16	0.14	0.14	25,267.8
o/w: Transaction accounts	0.59	0.56	0.39	0.31	0.23	0.14	0.14	0.13	0.12	24,653.8
o/w: Savings deposits	2.46	2.21	1.40	1.00	1.41	0.94	0.82	0.85	1.06	613.8
2.2 Time deposits	3.03	2.68	1.77	1.84	1.39	1.05	1.28	0.59	0.54	1,143.6
2.2.1 Up to 3 months	2.79	2.05	1.17	1.08	0.85	0.62	0.56	0.43	0.37	879.0
2.2.2 Over 3 and up to 6 months	4.91	3.63	2.37	1.73	1.53	1.04	0.91	0.87	0.79	120.3
2.2.3 Over 6 months and up to 1 year	4.98	3.95	3.20	2.25	1.98	1.62	1.29	1.09	1.42	104.6
2.2.4 Over 1 and up to 2 years	2.92	3.89	3.26	3.05	2.49	1.77	1.96	1.27	1.51	35.2
2.2.5 Over 2 years	3.96	4.87	2.13	2.70	1.57	1.18	0.95	0.40	0.85	4.4
<b>3 Repos</b>	–	0.43	–	0.13	0.65	0.05	–	0.35	0.29	297.5

**Tables G1** • The tables contain the weighted monthly averages of credit institutions' interest rates and total volumes of new deposit business of credit institutions in the reporting month, in particular for kuna deposits not indexed to f/c, for kuna deposits indexed to f/c and for foreign currency deposits. Deposits in tables G1a through G1c are further broken down to deposits placed by households and non-financial corporations, by instrument, the classification by maturity and by the currency of indexation or by the currency, depending on the presentation format in the individual table.

In principle, the basis for the calculation of the weighted averages for deposits includes the amounts received during the reporting month (new business), while for overnight deposits the basis for the calculation of the weighted averages includes the end-of-month book balances.

New business includes newly received deposits during the reporting month, defined as any new agreement between the customer and the reporting institution. This means that they cover all financial contracts that specify for the first time the interest rate of the deposit, and all renegotiations of the terms and conditions of the existing deposit contracts.

When the terms and conditions of the existing contracts are being renegotiated, the active involvement of the customer in the renegotiations is essential, while any automatic changes to the

terms and conditions of the contract by the reporting institution are not considered new business.

Kuna and foreign currency deposits, which serve as a deposit for the granting of loans, are covered by the data in the table.

Short-term deposits are deposits with original maturity of up to and including one year, while long-term deposits are deposits with original maturity exceeding one year.

Overnight deposits are broken down to transaction accounts and savings deposits. Transaction account is the account through which an account holder in the reporting institution settles his payables and through which he collects his receivables.

The reporting institution uses this instrument only for the presentation of cash funds in accounts with the credit balance. Transaction account is the account opened with a reporting institution on the basis of a contract on the opening of such an account. This item includes restricted deposits, or different temporary (restricted) deposits which, for a specific purpose, can be transferred from current and giro accounts (e.g. funds set aside pursuant to a court's order, funds for international payments, funds for the purchase of foreign currency and purchase of securities, brokerage and custodial-based deposits, coverage for letters of credit, etc.). Savings deposits are deposits without a predetermined date of maturity or period of notice, which the depositor cannot debit by issuing a cashless payment order.

**Table G1b Credit institutions' interest rates on kuna deposits indexed to foreign currency (new business)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.*	Jul.*	Interest rate	Volume
<b>1 Households</b>										
1.1 Overnight deposits	3.22	3.20	3.21	3.36	0.15	0.16	0.26	0.90	0.51	0.2
o/w: Transaction accounts	1.80	2.02	3.96	2.84	1.31	0.47	0.07	0.48	0.31	0.1
o/w: Savings deposits	3.22	3.21	3.21	3.36	0.12	0.15	1.02	1.17	0.77	0.1
1.2 Time deposits	3.19	2.87	3.48	2.52	2.62	2.21	1.85	1.47	1.56	54.8
1.2.1 Up to 3 months	2.18	1.75	1.34	0.92	1.10	0.71	0.68	0.33	0.20	2.6
1.2.2 Over 3 and up to 6 months	3.01	1.90	1.74	1.84	0.84	0.43	0.47	0.68	0.57	2.3
1.2.3 Over 6 months and up to 1 year	4.27	4.85	4.81	1.68	0.39	0.94	0.93	0.82	1.03	10.6
1.2.4 Over 1 and up to 2 years	4.43	3.74	4.03	2.58	1.59	1.97	1.72	1.49	1.34	6.2
1.2.5 Over 2 years	3.18	3.08	3.55	2.99	2.84	2.34	2.11	1.93	1.95	33.0
o/w: EUR	3.27	3.03	3.61	2.69	2.62	2.21	1.85	1.47	1.56	54.8
Short-term	2.94	2.57	3.72	1.66	0.66	0.65	0.75	0.70	0.82	15.5
Long-term	3.31	3.14	3.59	2.97	2.84	2.31	2.04	1.89	1.85	39.2
o/w: USD	1.88	1.51	1.10	0.79	–	–	–	–	–	–
Short-term	1.88	1.51	1.10	0.79	–	–	–	–	–	–
Long-term	0.00	–	–	–	–	–	–	–	–	–
1.3 Deposits redeemable at notice	–	–	–	–	–	–	–	–	–	–
1.3.1 Up to 3 months	–	–	–	–	–	–	–	–	–	–
1.3.2 Over 3 months	–	–	–	–	–	–	–	–	–	–
<b>2 Non-financial corporations</b>										
2.1 Overnight deposits	0.47	0.80	1.05	0.98	0.43	0.41	0.44	0.43	0.77	18.1
o/w: Transaction accounts	1.00	–	–	–	–	–	–	–	–	–
o/w: Savings deposits	0.47	0.80	1.05	0.98	0.43	0.41	0.44	0.43	0.77	18.1
2.2 Time deposits	3.54	4.76	3.23	3.65	3.41	0.57	0.42	0.55	0.95	14.6
2.2.1 Up to 3 months	2.79	3.64	2.01	1.09	4.22	0.02	0.39	0.64	0.51	4.9
2.2.2 Over 3 and up to 6 months	1.46	5.96	1.34	1.94	0.80	–	0.44	0.28	0.30	0.1
2.2.3 Over 6 months and up to 1 year	4.94	3.48	3.36	1.80	0.90	0.32	4.41	0.80	3.80	0.4
2.2.4 Over 1 and up to 2 years	2.41	4.73	2.79	1.95	1.51	1.63	0.36	1.25	1.43	4.2
2.2.5 Over 2 years	4.24	2.40	1.37	4.12	2.90	0.31	0.01	0.30	0.79	5.1
o/w: EUR	3.55	4.76	3.23	3.65	3.41	0.57	0.42	0.55	0.95	14.6
Short-term	3.18	4.79	3.26	1.85	3.93	0.30	0.44	0.46	0.73	5.4
Long-term	3.72	4.64	2.53	4.11	2.77	0.81	0.11	0.63	1.08	9.2
o/w: USD	1.15	4.00	3.80	3.00	3.00	–	–	–	–	–
Short-term	1.15	4.00	3.80	3.00	3.00	–	–	–	–	–
Long-term	–	–	–	–	–	–	–	–	–	–
<b>3 Repos</b>	–	–	–	–	–	–	–	–	–	–

Such accounts are primarily intended for savings. Time deposits are deposits the use of which the depositor renounces for a specific agreed time. Time deposit funds cannot be used for payments. These deposits also include time deposits with agreed notice period in which case the request for the disposal of funds has not been submitted yet.

Deposits redeemable at notice are savings deposits and time

deposits for which a request for the disposal of funds has been submitted.

Repos are a counterpart of cash received in exchange for securities sold by reporting institutions at a given price under a firm commitment to repurchase the same (or similar) securities at a fixed price on a specified future date.



weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

[illegible]

**Table G2a Credit institutions' interest rates on kuna loans to households not indexed to foreign currency (new business)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.*		
	Interest rate								Interest rate	Volume
<b>1 Revolving loans, overdrafts and credit card credit</b>	<b>10.71</b>	<b>10.63</b>	<b>10.20</b>	<b>9.49</b>	<b>8.66</b>	<b>8.63</b>	<b>8.52</b>	<b>8.40</b>	<b>8.39</b>	<b>11,020.3</b>
o/w: Revolving loans	9.51	10.55	10.46	9.98	7.76	7.60	7.25	7.10	7.22	38.4
o/w: Overdrafts	11.51	11.44	11.36	10.53	9.68	9.59	9.51	9.41	9.39	6,758.9
o/w: Credit card credit	10.42	10.08	9.67	9.08	8.33	8.26	8.16	8.03	8.02	3,557.7
o/w: Sole proprietors	10.23	10.43	10.32	9.95	9.36	9.18	8.94	8.93	9.00	245.2
<b>2 Consumer loans</b>	<b>6.22</b>	<b>5.90</b>	<b>6.26</b>	<b>7.11</b>	<b>6.48</b>	<b>6.39</b>	<b>5.98</b>	<b>6.10</b>	<b>6.10</b>	<b>20.2</b>
2.1 Short-term	5.08	3.08	3.17	6.97	6.60	6.72	6.82	6.52	6.89	0.9
2.1.1 Floating rate and up to 1 year initial rate fixation	5.08	3.08	3.17	6.97	6.60	6.72	6.82	6.52	6.89	0.9
2.2 Long-term	6.43	6.92	7.14	7.12	6.48	6.37	5.93	6.08	6.06	19.2
2.2.1 Floating rate and up to 1 year initial rate fixation	6.49	6.90	6.07	7.19	6.97	6.95	6.82	7.00	6.32	0.8
2.2.2 Floating rate and over 1 year initial rate fixation	6.00	7.39	7.70	7.09	6.33	6.19	5.78	5.89	6.05	18.4
<b>3 Loans for house purchases</b>	<b>5.34</b>	<b>5.74</b>	<b>5.81</b>	<b>5.27</b>	<b>5.09</b>	<b>4.88</b>	<b>4.73</b>	<b>4.66</b>	<b>4.64</b>	<b>503.9</b>
3.1 Floating rate and up to 1 year initial rate fixation	5.25	5.70	5.83	5.30	5.02	4.83	4.77	4.70	4.70	149.1
3.2 Over 1 and up to 5 years initial rate fixation	6.43	7.99	5.42	5.50	5.14	4.89	4.72	4.64	4.63	132.9
3.3 Over 5 and up to 10 years initial rate fixation	6.82	7.13	5.27	5.28	5.18	4.90	4.63	4.62	4.57	148.8
3.4 Over 10 years initial rate fixation	5.90	5.64	5.86	5.12	5.18	4.99	4.91	4.74	4.63	73.1
<b>4 For other purposes</b>	<b>7.91</b>	<b>9.01</b>	<b>9.00</b>	<b>8.64</b>	<b>8.29</b>	<b>8.23</b>	<b>8.25</b>	<b>8.11</b>	<b>8.15</b>	<b>890.0</b>
4.1 Short-term	6.28	7.34	7.98	7.99	7.50	7.74	7.71	6.70	7.50	52.2
4.1.1 Floating rate and up to 1 year initial rate fixation	6.28	7.34	7.98	7.99	7.50	7.74	7.71	6.70	7.50	52.2
4.2 Long-term	8.40	9.15	9.11	8.75	8.36	8.28	8.28	8.22	8.19	837.9
4.2.1 Floating rate and up to 1 year initial rate fixation	8.42	9.15	8.85	8.40	8.06	8.03	8.01	8.03	7.97	280.5
4.2.2 Floating rate and over 1 year initial rate fixation	7.80	9.07	9.35	9.06	8.49	8.38	8.44	8.33	8.30	557.4
o/w: Sole proprietors	6.43	7.69	7.64	6.92	6.39	6.52	6.03	6.32	6.38	39.6

**Tables G2 •** The tables contain the weighted monthly averages of interest rates and total volumes of new lending business of credit institutions with households in the reporting month, in particular for kuna loans not indexed to f/c, for kuna loans indexed to f/c and for foreign currency loans. Loans to households in tables G2a through G2c are further broken down to loans to households by type of instruments, by original maturity, by the period of initial rate fixation and by the currency of indexation (EUR and CHF), or by the currency (EUR and CHF), depending on the presentation format in the individual table.

The “of which” position under the loans to households is shown in the tables for loans granted to sole proprietors.

In principle, the basis for the calculation of the weighted averages for loans are the amounts of loans granted during the reporting month (new business), while for revolving loans, overdrafts and credit card credit, the end-of-month book balances are the basis for the calculation of the weighted averages. Only loans classified as risk group A are covered.

New loans granted during the reporting month are considered new business, defined as any new agreement between the customer and the reporting institution. This means that they cover all financial contracts that specify for the first time the interest rate of the loan, and all renegotiations of the terms and conditions of the existing loan contracts. When the terms and conditions of the existing contracts are being renegotiated, the active involvement of the customer in the renegotiations is essential, while any automatic changes to the terms and conditions of the contract by the reporting institution are not considered new business.

The initial period of fixation of the interest rate is the period defined as a predetermined period of time at the start of a contract during which the value of the interest rate cannot change.

Short-term loans are loans with original maturity of up to and including one year, while long-term loans are loans with original maturity over one year.

Revolving loans include loans that meet the following conditions: there is no obligation of regular repayment of funds, the customer may use or withdraw funds to a pre-approved credit limit without giving prior notice to the reporting institution, the amount of available loan can increase or decrease as funds are borrowed and repaid, the loan may be used repeatedly. This item excludes revolving loans provided through credit cards and overdrafts.

Overdrafts refer to receivables on used overdrafts of counterparties.

In addition to the above, the table in particular shows credit card credits with the collection of interest, which include credit card credits with the card company guarantee.

Receivables on deferred card payments are not shown as a separate item, but are shown under items Revolving loans, overdrafts and credit card credit.

The convenience credit card is a card in the case of which the customer is due, without the payment of interest, to settle his liabilities after he receives a notice about it from the reporting institution, usually once a month. Consumer loans are loans granted to households for the purpose of personal use in the consumption of goods and services.

Loans for house purchases include all mortgage and other

Table G2b Credit institutions' interest rates on kuna loans to households indexed to foreign currency (new business)

weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.	Interest rate	Volume
<b>1 Revolving loans, overdrafts and credit card credit</b>	<b>10.91</b>	<b>9.39</b>	<b>8.30</b>	<b>7.48</b>	<b>7.12</b>	<b>6.89</b>	<b>6.89</b>	<b>6.75</b>	<b>6.69</b>	<b>16.2</b>
o/w: Revolving loans	10.91	9.39	8.30	7.48	7.05	6.82	6.82	6.68	6.62	15.8
o/w: Overdrafts	11.26	–	–	–	9.31	9.33	9.34	9.32	9.33	0.4
o/w: EUR	11.26	–	–	–	9.31	9.33	9.34	9.32	9.33	0.4
Short-term	11.26	–	–	–	–	–	–	–	–	–
Long-term	–	–	–	–	9.31	9.33	9.34	9.32	9.33	0.4
o/w: Credit card credit	12.68	–	–	–	–	–	–	–	–	–
o/w: EUR	12.68	–	–	–	–	–	–	–	–	–
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	12.68	–	–	–	–	–	–	–	–	–
o/w: Sole proprietors	10.95	9.39	8.31	7.38	7.12	6.89	6.84	6.73	6.67	15.7
<b>2 Consumer loans</b>	<b>7.06</b>	<b>7.07</b>	<b>7.03</b>	<b>7.90</b>	<b>7.38</b>	<b>5.52</b>	<b>6.69</b>	<b>6.65</b>	<b>6.00</b>	<b>0.4</b>
2.1 Short-term	10.99	6.19	7.01	10.29	7.73	9.49	6.21	9.47	4.95	0.0
2.1.1 Floating rate and up to 1 year initial rate fixation	10.99	6.19	7.01	10.29	7.73	9.49	6.21	9.47	4.95	0.0
2.2 Long-term	7.06	7.09	7.03	7.80	7.06	5.52	6.74	6.58	6.00	0.4
2.2.1 Floating rate and up to 1 year initial rate fixation	7.08	6.93	6.94	7.25	6.62	6.01	6.51	5.82	5.06	0.2
2.2.2 Floating rate and over 1 year initial rate fixation	7.01	9.13	7.08	8.25	7.32	5.31	7.33	6.70	7.16	0.2
o/w: EUR	7.18	7.08	7.06	7.90	7.38	5.52	6.69	6.65	6.00	0.4
Short-term	10.99	6.19	7.01	10.29	7.73	9.49	6.21	9.47	4.95	0.0
Long-term	7.17	7.10	7.06	7.80	7.06	5.52	6.74	6.58	6.00	0.4
o/w: CHF	6.83	6.89	6.75	–	–	–	–	–	–	–
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	6.83	6.89	6.75	–	–	–	–	–	–	–
<b>3 Loans for house purchases</b>	<b>5.63</b>	<b>5.22</b>	<b>5.12</b>	<b>5.13</b>	<b>5.63</b>	<b>5.57</b>	<b>4.81</b>	<b>4.60</b>	<b>4.44</b>	<b>226.3</b>
3.1 Floating rate and up to 1 year initial rate fixation	5.80	5.16	5.16	5.27	5.66	5.70	4.94	4.66	4.45	140.4
3.2 Over 1 and up to 5 years initial rate fixation	5.49	5.28	5.37	5.16	4.18	4.32	4.02	4.05	4.12	15.9
3.3 Over 5 and up to 10 years initial rate fixation	4.78	4.58	4.40	4.74	4.50	4.84	4.45	4.44	4.48	20.5
3.4 Over 10 years initial rate fixation	5.12	5.74	5.10	4.80	5.13	5.17	4.61	4.62	4.49	49.6
o/w: EUR	5.66	5.42	5.32	5.22	5.64	5.57	4.82	4.60	4.43	224.2
Short-term	5.50	5.39	5.54	5.36	4.77	4.51	4.21	4.31	4.12	26.0
Long-term	5.68	5.43	5.29	5.20	5.64	5.59	4.88	4.63	4.47	198.2
o/w: CHF	5.53	3.50	2.30	3.60	2.12	–	3.28	–	5.89	1.1
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	5.53	3.50	2.30	3.60	2.12	–	3.28	–	5.89	1.1
<b>4 For other purposes</b>	<b>8.65</b>	<b>8.40</b>	<b>6.86</b>	<b>7.53</b>	<b>6.99</b>	<b>6.66</b>	<b>6.70</b>	<b>6.76</b>	<b>6.47</b>	<b>306.4</b>
4.1 Short-term	8.50	8.03	6.42	6.44	5.29	5.90	5.64	5.81	5.15	25.2
4.1.1 Floating rate and up to 1 year initial rate fixation	8.50	8.03	6.42	6.44	5.29	5.90	5.64	5.81	5.15	25.2
4.2 Long-term	8.67	8.45	6.90	7.65	7.21	6.76	6.79	6.87	6.59	281.2
4.2.1 Floating rate and up to 1 year initial rate fixation	8.66	8.44	8.04	7.94	7.30	7.10	6.99	7.04	7.09	149.4
4.2.2 Floating rate and over 1 year initial rate fixation	8.72	8.49	6.21	7.12	7.07	6.38	6.59	6.68	6.03	131.9
o/w: EUR	8.68	8.41	6.88	7.54	7.01	6.68	6.73	6.78	6.50	303.7
Short-term	8.55	8.07	6.47	6.45	5.31	5.92	5.75	5.82	5.15	25.2
Long-term	8.69	8.46	6.92	7.67	7.23	6.78	6.81	6.89	6.62	278.6
o/w: Sole proprietors	7.32	7.36	6.58	5.98	5.77	6.15	5.33	5.95	4.87	63.8

loans extended for the purchase, construction and completion of a flat, for the purchase, construction and completion of buildings which have a maximum of four flats or for the improvement of a flat, residential facilities or residential buildings (regardless

of whether they are granted to an individual borrower or jointly to all tenants of a residential building). Lending for house purchases comprises loans secured on residential property that are used for the purpose of house purchase and, where identifiable,

Table G2c Credit institutions' interest rates on foreign currency loans to households (new business)

weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.		
	Interest rate								Interest rate	Volume
<b>1 Revolving loans, overdrafts and credit card credit</b>	<b>0.29</b>	<b>0.53</b>	<b>0.55</b>	<b>0.49</b>	<b>0.30</b>	<b>0.28</b>	<b>4.47</b>	<b>4.47</b>	<b>3.36</b>	<b>69.8</b>
o/w: Revolving loans	8.78	7.35	7.68	7.47	7.44	7.36	6.18	6.18	6.18	37.5
o/w: Overdrafts	12.00	12.00	12.00	12.00	8.03	8.03	8.02	7.77	7.77	0.3
o/w: Credit card credit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2
o/w: Sole proprietors	3.83	5.40	5.35	5.14	4.94	5.03	3.72	5.17	6.68	0.9
<b>2 Consumer loans</b>	<b>7.98</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
2.1 Short-term	-	-	-	-	-	-	-	-	-	-
2.1.1 Floating rate and up to 1 year initial rate fixation	-	-	-	-	-	-	-	-	-	-
2.2 Long-term	7.98	-	-	-	-	-	-	-	-	-
2.2.1 Floating rate and up to 1 year initial rate fixation	7.98	-	-	-	-	-	-	-	-	-
2.2.2 Floating rate and over 1 year initial rate fixation	-	-	-	-	-	-	-	-	-	-
<b>3 Loans for house purchases</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
3.1 Floating rate and up to 1 year initial rate fixation	-	-	-	-	-	-	-	-	-	-
3.2 Over 1 and up to 5 years initial rate fixation	-	-	-	-	-	-	-	-	-	-
3.3 Over 5 and up to 10 years initial rate fixation	-	-	-	-	-	-	-	-	-	-
3.4 Over 10 years initial rate fixation	-	-	-	-	-	-	-	-	-	-
<b>4 For other purposes</b>	<b>6.82</b>	<b>-</b>	<b>6.64</b>	<b>5.42</b>	<b>4.82</b>	<b>5.96</b>	<b>5.49</b>	<b>6.84</b>	<b>5.95</b>	<b>2.8</b>
4.1 Short-term	5.85	-	6.59	6.27	7.65	6.22	-	7.13	8.40	0.6
4.1.1 Floating rate and up to 1 year initial rate fixation	5.85	-	6.59	6.27	7.65	6.22	-	7.13	8.40	0.6
4.2 Long-term	9.95	-	6.69	5.24	4.70	4.11	5.49	6.22	5.36	2.3
4.2.1 Floating rate and up to 1 year initial rate fixation	-	-	7.43	5.24	4.75	3.89	6.83	5.76	2.55	1.3
4.2.2 Floating rate and over 1 year initial rate fixation	9.95	-	5.22	-	4.07	9.38	3.35	7.45	8.84	1.0
o/w: Sole proprietors	6.82	-	6.81	5.81	4.82	4.44	5.49	6.84	4.32	1.8

other loans for house purchases made on a personal basis or secured against other forms of assets.

Loans for other purposes cover the following types of loans: overnight loans, loans for payments made based on guarantees and other warranties, reverse repos, shares in syndicated loans, financial lease, loans granted for the purpose of education,

mortgage loans, car purchase loans, margin loans, Lombard loans, loans for working capital, construction loans, loans to agriculture, loans to tourism, investments loans, loans for export financing, cash general-purpose loans, factoring and forfeiting and other loans.

**Table G3a Credit institutions' interest rates on kuna loans to non-financial corporations not indexed to foreign currency (new business)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.*		
		Interest rate							Interest rate	Volume
1 Revolving loans, overdrafts and credit card credit	7.40	7.49	6.82	6.96	6.60	6.34	6.14	6.08	6.02	2,255.0
o/w: Revolving loans and overdrafts	7.39	7.47	6.78	6.93	6.56	6.30	6.10	6.05	5.99	2,166.5
o/w: Credit card credit	11.26	11.31	10.95	10.82	10.28	10.16	10.04	9.87	9.84	54.8
2 Loans up to an amount of HRK 2 million	7.83	6.95	6.40	6.27	5.67	5.66	5.10	5.37	5.38	309.9
2.1 Floating rate and up to 3 months initial rate fixation	7.94	7.04	6.27	6.29	5.76	5.78	5.00	5.46	5.38	191.2
2.2 Over 3 months and up to 1 year initial rate fixation	7.18	6.77	7.02	6.25	5.63	5.45	5.20	5.13	5.25	74.9
2.3 Over 1 and up to 3 years initial rate fixation	8.02	3.50	6.98	6.97	5.54	5.89	6.32	6.25	5.82	27.0
2.4 Over 3 and up to 5 years initial rate fixation	–	5.10	7.84	5.55	4.78	4.27	4.81	5.46	5.63	3.8
2.5 Over 5 and up to 10 years initial rate fixation	5.99	5.08	5.64	2.00	4.96	4.66	5.07	3.91	4.23	6.9
2.6 Over 10 years initial rate fixation	–	4.00	–	6.00	4.07	5.18	4.88	4.85	6.15	6.0
3 Loans from HRK 2 million to HRK 7.5 million	7.07	4.52	4.68	3.96	3.90	3.74	3.50	3.60	2.88	488.4
3.1 Floating rate and up to 3 months initial rate fixation	6.92	4.52	4.58	3.78	3.51	3.42	3.34	3.21	2.52	395.4
3.2 Over 3 months and up to 1 year initial rate fixation	8.07	5.53	6.47	5.89	5.30	4.83	4.24	4.71	4.81	67.5
3.3 Over 1 and up to 3 years initial rate fixation	3.03	3.03	–	–	5.96	4.35	4.49	3.41	3.03	5.0
3.4 Over 3 and up to 5 years initial rate fixation	–	–	4.07	4.90	4.26	4.19	–	3.95	–	–
3.5 Over 5 and up to 10 years initial rate fixation	6.00	1.00	3.03	4.55	3.81	5.14	3.96	4.03	2.70	7.5
3.6 Over 10 years initial rate fixation	–	–	–	–	3.90	4.07	–	3.00	3.92	13.0
4 Loans over HRK 7.5 million	7.55	5.68	4.32	4.12	3.84	2.98	2.96	3.56	2.70	712.7
4.1 Floating rate and up to 3 months initial rate fixation	7.74	5.68	4.27	3.99	3.40	2.89	2.86	3.49	2.45	622.0
4.2 Over 3 months and up to 1 year initial rate fixation	6.35	–	–	4.87	5.24	3.41	5.08	3.94	4.74	66.0
4.3 Over 1 and up to 3 years initial rate fixation	7.47	–	–	–	3.87	4.48	3.42	3.55	3.20	7.7
4.4 Over 3 and up to 5 years initial rate fixation	–	–	–	–	4.40	4.16	2.95	4.08	3.30	9.1
4.5 Over 5 and up to 10 years initial rate fixation	5.06	–	3.03	10.47	5.49	4.07	2.94	2.80	–	–
4.6 Over 10 years initial rate fixation	–	–	–	–	–	–	3.04	–	4.07	8.0

**Tables G3 •** The tables contain the weighted monthly averages of interest rates and total volumes of new lending business of credit institutions with non-financial corporations in the reporting month, in particular for kuna loans not indexed to f/c, for kuna loans indexed to f/c and for foreign currency loans. Loans to non-financial corporations in tables G3a through G3c are broken down to revolving loans, overdrafts and credit card credit as well as by the amount of granted loans: loans up to an amount of HRK 2 million, loans over HRK 2 million to HRK 7.5 million and loans over HRK 7.5 million.

The amount refers to the single loan transaction, and not to

all business between non-financial corporations and the reporting agents. The reason for this is the separation of loans to large and small corporations. Without this division, loans to large corporations would dominate the weighted average interest rate. A further breakdown refers to original maturity and the currency (EUR and CHF) or the currency of indexation (EUR and CHF), depending on the presentation format in the individual table. The types of loans, the basis for the calculation of the weighted averages, the definition of new business and the initial period of fixation of the interest rate are explained in notes on methodology under G2 tables.

**Table G3b Credit institutions' interest rates on kuna loans to non-financial corporations indexed to foreign currency (new business)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.*		
	Interest rate								Interest rate	Volume
<b>1 Revolving loans, overdrafts and credit card credit</b>	<b>8.96</b>	<b>8.30</b>	<b>6.86</b>	<b>6.57</b>	<b>5.87</b>	<b>5.87</b>	<b>5.68</b>	<b>5.67</b>	<b>5.70</b>	<b>402.7</b>
o/w: Revolving loans and overdrafts	8.96	8.30	6.86	6.57	5.87	5.87	5.68	5.67	5.70	402.7
o/w: Credit card credit	–	–	–	–	–	–	–	–	–	–
<b>2 Loans up to an amount of HRK 2 million</b>	<b>8.19</b>	<b>7.52</b>	<b>6.94</b>	<b>6.22</b>	<b>5.93</b>	<b>5.92</b>	<b>5.83</b>	<b>5.61</b>	<b>4.84</b>	<b>124.1</b>
2.1 Floating rate and up to 3 months initial rate fixation	8.19	7.56	7.02	6.27	6.10	6.13	5.99	5.77	4.89	89.1
2.2 Over 3 months and up to 1 year initial rate fixation	7.51	5.96	6.47	5.36	5.09	5.53	4.94	4.75	4.48	16.6
2.3 Over 1 and up to 3 years initial rate fixation	8.70	9.20	5.64	4.61	5.40	4.94	4.85	5.93	5.21	3.0
2.4 Over 3 and up to 5 years initial rate fixation	9.71	–	6.30	5.61	4.68	4.07	4.96	5.64	2.28	3.0
2.5 Over 5 and up to 10 years initial rate fixation	8.69	7.40	4.82	6.02	5.35	4.99	6.63	4.70	6.31	6.8
2.6 Over 10 years initial rate fixation	7.23	–	–	–	6.51	6.58	5.39	5.33	4.52	5.6
o/w: EUR	8.21	7.53	6.94	6.22	5.93	5.93	5.83	5.61	4.84	124.1
Short-term	8.37	7.66	7.11	6.62	5.81	5.80	5.67	5.63	4.14	61.2
Long-term	8.00	7.39	6.74	5.93	6.03	6.02	5.97	5.60	5.52	62.9
o/w: CHF	5.84	–	–	–	7.00	–	–	–	–	–
Short-term	–	–	–	–	7.00	–	–	–	–	–
Long-term	5.84	–	–	–	–	–	–	–	–	–
<b>3 Loans from HRK 2 million to HRK 7.5 million</b>	<b>7.34</b>	<b>6.90</b>	<b>6.32</b>	<b>6.06</b>	<b>5.48</b>	<b>5.58</b>	<b>4.87</b>	<b>5.15</b>	<b>5.15</b>	<b>245.2</b>
3.1 Floating rate and up to 3 months initial rate fixation	7.37	6.96	6.52	6.32	5.93	5.84	5.10	5.41	5.35	203.0
3.2 Over 3 months and up to 1 year initial rate fixation	6.44	5.63	5.52	5.29	4.62	4.05	4.51	4.29	4.06	25.7
3.3 Over 1 and up to 3 years initial rate fixation	–	–	–	1.71	3.50	6.70	4.26	4.72	–	–
3.4 Over 3 and up to 5 years initial rate fixation	–	–	–	–	3.83	4.07	4.59	3.56	–	–
3.5 Over 5 and up to 10 years initial rate fixation	–	–	–	3.65	3.75	4.72	3.34	5.52	3.64	11.5
3.6 Over 10 years initial rate fixation	–	–	3.82	2.50	5.98	6.28	5.43	5.70	6.17	5.0
o/w: EUR	7.36	6.90	6.32	6.06	5.46	5.60	4.87	5.16	5.15	245.2
Short-term	7.37	7.05	6.58	5.99	5.46	6.01	5.00	4.61	5.19	147.8
Long-term	7.35	6.79	6.17	6.09	5.47	5.33	4.77	5.50	5.09	97.4
o/w: CHF	6.27	–	–	–	–	3.73	–	–	–	–
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	6.27	–	–	–	–	3.73	–	–	–	–
<b>4 Loans over HRK 7.5 million</b>	<b>6.98</b>	<b>6.46</b>	<b>5.39</b>	<b>5.87</b>	<b>5.82</b>	<b>4.70</b>	<b>4.65</b>	<b>4.32</b>	<b>3.91</b>	<b>1,033.3</b>
4.1 Floating rate and up to 3 months initial rate fixation	7.00	6.46	5.39	6.04	6.43	4.98	4.88	4.73	3.81	693.5
4.2 Over 3 months and up to 1 year initial rate fixation	5.59	–	6.66	5.11	4.29	3.92	3.90	3.98	3.41	85.7
4.3 Over 1 and up to 3 years initial rate fixation	–	–	–	4.25	3.19	–	4.99	–	–	–
4.4 Over 3 and up to 5 years initial rate fixation	9.92	–	–	–	3.69	3.45	4.07	1.75	–	–
4.5 Over 5 and up to 10 years initial rate fixation	–	–	4.66	4.32	3.77	3.40	4.50	3.68	2.98	8.7
4.6 Over 10 years initial rate fixation	4.90	–	–	2.94	3.00	–	3.46	3.80	4.42	245.5
o/w: EUR	7.00	6.46	5.39	5.87	5.82	4.70	4.65	4.32	3.91	1,033.3
Short-term	8.04	6.90	4.98	6.02	6.42	5.23	4.83	4.36	4.01	315.8
Long-term	5.99	6.03	6.16	5.77	5.51	4.56	4.58	4.27	3.87	717.5
o/w: CHF	5.14	–	5.38	–	–	–	–	–	–	–
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	5.14	–	5.38	–	–	–	–	–	–	–

Table G3c Credit institutions' interest rates on foreign currency loans to non-financial corporations (new business)

vweighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.		
	Interest rate								Interest rate	Volume
<b>1 Revolving loans, overdrafts and credit card credit</b>	<b>6.43</b>	<b>6.72</b>	<b>5.79</b>	<b>5.74</b>	<b>5.27</b>	<b>5.22</b>	<b>5.02</b>	<b>5.13</b>	<b>5.36</b>	<b>171.6</b>
o/w: Revolving loans and overdrafts	6.47	6.85	5.90	5.93	5.42	5.39	5.19	5.24	5.36	171.4
o/w: Credit card credit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	–	–
<b>2 Loans up to an amount of HRK 2 million</b>	<b>6.75</b>	<b>6.32</b>	<b>6.23</b>	<b>5.82</b>	<b>5.60</b>	<b>5.79</b>	<b>4.80</b>	<b>4.96</b>	<b>5.36</b>	<b>30.1</b>
2.1 Floating rate and up to 3 months initial rate fixation	6.77	6.44	6.20	5.84	5.48	5.73	4.78	5.18	5.59	25.0
2.2 Over 3 months and up to 1 year initial rate fixation	5.56	5.11	6.44	5.77	6.21	5.80	4.86	4.36	4.28	5.0
2.3 Over 1 and up to 3 years initial rate fixation	–	–	5.90	5.87	5.39	6.82	5.08	4.49	3.45	0.2
2.4 Over 3 and up to 5 years initial rate fixation	–	–	8.00	4.49	6.50	–	–	3.75	–	–
2.5 Over 5 and up to 10 years initial rate fixation	–	–	5.90	–	–	–	–	–	–	–
2.6 Over 10 years initial rate fixation	–	–	–	–	–	–	–	–	–	–
o/w: EUR	6.76	6.32	6.21	5.84	5.84	5.79	4.77	5.01	5.36	29.1
Short-term	6.65	6.18	6.08	5.83	5.91	5.66	4.79	5.07	5.40	27.1
Long-term	7.22	6.85	6.59	5.86	5.56	6.40	4.67	4.56	4.85	2.1
o/w: USD	6.67	5.84	7.03	4.86	3.12	6.14	6.48	3.53	5.37	1.0
Short-term	6.67	7.61	6.86	4.54	2.96	6.14	6.48	–	5.37	1.0
Long-term	–	5.43	7.91	10.24	7.23	–	–	3.53	–	–
<b>3 Loans from HRK 2 million to HRK 7.5 million</b>	<b>6.18</b>	<b>6.00</b>	<b>5.20</b>	<b>5.67</b>	<b>3.74</b>	<b>3.03</b>	<b>1.51</b>	<b>1.51</b>	<b>1.59</b>	<b>180.4</b>
3.1 Floating rate and up to 3 months initial rate fixation	6.22	6.02	5.20	5.67	3.60	2.58	1.19	1.32	1.38	162.5
3.2 Over 3 months and up to 1 year initial rate fixation	5.22	5.38	–	–	4.41	4.12	3.81	3.07	3.29	14.9
3.3 Over 1 and up to 3 years initial rate fixation	–	–	–	–	4.61	4.09	–	3.52	–	–
3.4 Over 3 and up to 5 years initial rate fixation	–	–	–	–	4.61	4.27	6.17	3.39	4.50	3.0
3.5 Over 5 and up to 10 years initial rate fixation	–	–	–	–	–	–	3.96	–	–	–
3.6 Over 10 years initial rate fixation	–	–	–	–	–	–	–	–	–	–
o/w: EUR	6.18	5.97	5.19	6.38	4.56	3.88	3.39	3.11	3.13	66.2
Short-term	5.59	5.86	4.47	5.98	4.73	3.76	2.98	2.85	2.49	46.8
Long-term	7.26	6.12	6.42	6.64	4.14	4.69	4.52	3.84	4.68	19.4
o/w: USD	–	7.04	2.13	1.92	0.66	1.57	0.61	0.62	0.70	114.2
Short-term	–	7.04	2.13	1.92	0.66	1.43	0.61	0.62	0.70	114.2
Long-term	–	–	–	–	–	3.53	–	–	–	–
<b>4 Loans over HRK 7.5 million</b>	<b>6.75</b>	<b>4.61</b>	<b>4.34</b>	<b>4.39</b>	<b>3.49</b>	<b>1.87</b>	<b>3.36</b>	<b>3.34</b>	<b>3.30</b>	<b>855.9</b>
4.1 Floating rate and up to 3 months initial rate fixation	6.75	4.49	4.34	4.39	3.46	1.82	3.23	3.40	2.83	569.5
4.2 Over 3 months and up to 1 year initial rate fixation	–	–	–	4.05	5.33	3.87	4.46	1.97	3.56	3.7
4.3 Over 1 and up to 3 years initial rate fixation	–	–	–	5.12	4.00	–	–	–	4.35	261.7
4.4 Over 3 and up to 5 years initial rate fixation	–	–	–	–	–	3.56	–	–	–	–
4.5 Over 5 and up to 10 years initial rate fixation	–	6.66	–	–	4.00	–	2.90	–	2.81	20.9
4.6 Over 10 years initial rate fixation	–	–	–	–	–	–	–	–	–	–
o/w: EUR	6.95	4.47	4.38	4.60	4.10	2.26	3.49	3.65	3.86	662.4
Short-term	6.92	2.70	3.02	4.41	3.85	1.52	2.39	3.09	3.45	332.6
Long-term	7.00	5.89	6.76	5.64	4.14	4.54	4.77	4.07	4.27	329.8
o/w: USD	6.00	6.20	2.89	3.95	2.17	1.02	1.42	1.36	1.36	193.5
Short-term	6.00	–	2.89	3.31	1.83	1.14	1.15	1.36	1.36	193.5
Long-term	–	6.20	–	4.91	2.22	0.00	2.03	–	–	–



Table G4 Credit institutions' effective interest rates on selected loans (new business)

weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.*		
	Interest rate								Interest rate	Volume
<b>1 Households</b>										
1.1 Kuna loans										
1.1.1 Consumer loans	8.34	7.67	8.17	8.95	8.46	8.27	8.03	8.12	8.11	20.2
1.1.2 Loans for house purchases	5.49	6.27	6.11	5.58	5.35	5.19	5.04	4.96	4.92	503.9
1.2 Loans indexed to f/c										
1.2.1 Consumer loans	8.37	9.93	8.88	8.71	8.56	6.80	7.54	7.41	6.74	0.4
o/w: EUR	9.01	10.00	9.05	8.71	8.56	6.80	7.54	7.41	6.74	0.4
Short-term	19.28	9.33	9.22	10.90	9.60	10.03	7.57	10.03	5.23	0.0
Long-term	9.00	10.02	9.05	8.61	7.59	6.80	7.54	7.35	6.74	0.4
o/w: CHF	7.03	7.16	7.18	–	–	–	–	–	–	–
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	7.03	7.16	7.18	–	–	–	–	–	–	–
1.2.2 Loans for house purchases	6.13	6.00	5.73	5.53	5.77	5.84	5.13	5.08	4.79	226.3
o/w: EUR	6.25	6.04	5.77	5.59	5.77	5.84	5.14	5.08	4.79	224.2
Short-term	6.26	6.11	5.85	5.55	4.91	4.64	4.30	4.40	4.19	26.0
Long-term	6.25	6.03	5.76	5.60	5.78	5.87	5.22	5.17	4.87	198.2
o/w: CHF	5.69	5.60	5.16	4.34	2.24	–	5.47	–	6.29	1.1
Short-term	–	–	–	–	–	–	–	–	–	–
Long-term	5.69	5.60	5.16	4.34	2.24	–	5.47	–	6.29	1.1
1.3 F/c loans										
1.3.1 Consumer loans	7.97	–	–	–	–	–	–	–	–	–
1.3.2 Loans for house purchases	–	–	–	–	–	–	–	–	–	–
<b>2 Loans to non-financial corporations</b>										
2.1 Kuna loans										
2.1.1 Loans up to an amount of HRK 7.5 million	8.28	6.46	6.24	5.56	5.26	5.25	4.81	5.11	4.40	798.3
2.1.2 Loans over HRK 7.5 million	8.64	6.34	4.56	4.45	4.13	3.26	3.31	3.87	2.85	712.7
2.2 Loans indexed to f/c										
2.2.1 Loans up to an amount of HRK 7.5 million	8.50	7.99	7.24	6.92	6.48	6.25	5.81	6.14	5.73	369.3
2.2.2 Loans over HRK 7.5 million	7.91	7.42	7.93	7.35	6.17	4.97	5.42	4.86	4.09	1,033.3
2.3 F/c loans										
2.3.1 Loans up to an amount of HRK 7.5 million	6.78	6.52	5.99	6.69	4.56	3.80	2.34	2.40	2.33	210.5
2.3.2 Loans over HRK 7.5 million	7.75	5.10	4.41	4.65	3.83	1.99	3.69	4.11	4.19	855.9

**Table G4 Credit institutions' effective interest rates for selected loans (new business)** • The table contains the weighted monthly averages of credit institutions' effective interest rates and total volumes of new lending business in the reporting month, in particular for kuna loans, for kuna loans indexed to f/c and for f/c loans and separately for loans to households and for loans to non-financial corporations.

Reporting institutions submit effective interest rates in accordance with the Decision on the effective interest rate of credit institutions and credit unions and on service contracts

with consumers.

Loans to households are broken down to kuna loans, loans indexed to f/c and f/c loans. The loans indexed to f/c are broken down by type, the currency of indexation (EUR and CHF) and original maturity. Loans to non-financial corporations are broken down by currency and by the amount of granted loans: loans up to an amount of HRK 7.5 million and loans over HRK 7.5 million. The types of loans, the basis for the calculation of the weighted averages and the definition of new business are explained in notes on methodology under G2 tables.

**Table G5a Credit institutions' interest rates on kuna deposits and loans not indexed to foreign currency (outstanding amounts)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.*	Jul.*	Interest rate	Volume
<b>1 Deposits</b>	<b>3.82</b>	<b>3.79</b>	<b>3.21</b>	<b>2.70</b>	<b>2.39</b>	<b>2.21</b>	<b>2.06</b>	<b>1.98</b>	<b>1.91</b>	<b>30,908.6</b>
1.1 Households	4.03	4.04	3.44	2.95	2.64	2.49	2.30	2.23	2.17	22,596.6
1.1.1 Time deposits	4.03	4.04	3.44	2.95	2.64	2.49	2.30	2.23	2.17	22,596.6
1.1.1.1 Short-term	3.90	3.87	3.24	2.70	2.43	2.26	2.01	1.94	1.85	12,192.3
1.1.1.1.1 Up to 3 months	3.25	2.88	2.40	1.95	1.80	1.57	1.25	1.11	1.02	1,524.8
1.1.1.1.2 Over 3 and up to 6 months	3.81	3.76	2.95	2.47	2.16	1.97	1.68	1.54	1.44	2,403.8
1.1.1.1.3 Over 6 months and up to 1 year	4.15	4.18	3.54	2.94	2.64	2.49	2.26	2.21	2.13	8,263.7
1.1.1.2 Long-term	4.35	4.41	3.81	3.33	2.94	2.78	2.64	2.59	2.53	10,404.4
1.1.1.2.1 Over 1 and up to 2 years	4.52	4.56	3.93	3.34	2.88	2.71	2.57	2.51	2.44	5,375.5
1.1.1.2.2 Over 2 years	4.17	4.26	3.65	3.31	3.00	2.86	2.71	2.67	2.63	5,028.9
1.2 Non-financial corporations	3.43	3.33	2.53	2.08	1.76	1.57	1.47	1.39	1.37	7,226.4
1.2.1 Time deposits	3.43	3.33	2.53	2.08	1.76	1.57	1.47	1.39	1.37	7,226.4
1.2.1.1 Short-term	3.68	3.34	2.37	1.97	1.58	1.40	1.34	1.16	1.08	4,443.8
1.2.1.1.1 Up to 3 months	3.33	2.39	1.53	1.34	1.17	0.85	0.78	0.63	0.53	1,747.2
1.2.1.1.2 Over 3 and up to 6 months	4.17	3.78	2.44	2.01	1.57	1.24	1.11	0.97	0.95	1,062.2
1.2.1.1.3 Over 6 months and up to 1 year	4.03	4.29	3.19	2.38	2.00	1.98	1.85	1.78	1.76	1,634.4
1.2.1.2 Long-term	3.02	3.29	2.99	2.28	2.23	1.87	1.61	1.69	1.84	2,782.6
1.2.1.2.1 Over 1 and up to 2 years	3.07	4.03	3.22	2.82	2.45	2.33	2.16	2.16	2.15	1,761.2
1.2.1.2.2 Over 2 years	2.78	2.85	2.69	1.80	1.83	1.26	0.91	1.08	1.31	1,021.4
1.3 Repos	–	0.52	0.61	0.54	0.64	0.20	0.22	0.25	0.26	1,085.5
<b>2 Loans</b>	<b>8.60</b>	<b>8.17</b>	<b>7.78</b>	<b>7.49</b>	<b>7.07</b>	<b>6.92</b>	<b>6.74</b>	<b>6.67</b>	<b>6.66</b>	<b>65,643.1</b>
2.1 Households	9.53	9.44	9.23	8.72	8.18	8.04	7.84	7.75	7.70	43,075.2
2.1.1 Loans for house purchases	6.49	6.45	6.46	5.95	5.49	5.27	5.13	5.06	5.02	8,674.8
2.1.1.1 Short-term	–	5.37	–	–	6.17	–	–	–	–	–
2.1.1.2 Long-term	6.49	6.45	6.46	5.95	5.49	5.27	5.13	5.06	5.02	8,674.8
2.1.1.2.1 Over 1 and up to 5 years	6.41	6.45	6.20	5.63	5.22	4.99	4.89	4.83	4.79	94.9
2.1.1.2.2 Over 5 years	6.49	6.45	6.46	5.95	5.49	5.27	5.13	5.07	5.02	8,579.9
2.1.2 Consumer loans and other loans	10.10	9.98	9.68	9.13	8.63	8.56	8.46	8.40	8.38	34,400.4
2.1.2.1 Short-term	10.47	10.46	10.10	9.38	8.54	8.52	8.39	8.28	8.27	9,953.7
2.1.2.2 Long-term	9.82	9.58	9.38	8.97	8.68	8.57	8.49	8.45	8.42	24,446.8
2.1.2.2.1 Over 1 and up to 5 years	10.07	9.70	9.35	9.04	8.58	8.49	8.41	8.38	8.36	5,591.2
2.1.2.2.2 Over 5 years	9.75	9.55	9.38	8.95	8.71	8.60	8.51	8.47	8.44	18,855.5
o/w: Sole proprietors	9.13	8.35	7.77	7.38	6.84	6.79	6.61	6.52	6.48	1,190.3
2.2 Non-financial corporations	7.42	6.48	5.69	5.49	5.04	4.91	4.74	4.66	4.66	22,567.9
2.2.1 Loans	7.42	6.48	5.69	5.49	5.04	4.91	4.74	4.66	4.66	22,567.9
2.2.1.1 Short-term	7.67	7.08	6.21	6.03	5.41	5.08	4.83	4.78	4.79	10,665.0
2.2.1.2 Long-term	7.19	5.90	5.18	5.06	4.76	4.76	4.65	4.55	4.54	11,902.9
2.2.1.2.1 Over 1 and up to 5 years	7.61	6.42	5.90	5.80	5.30	5.28	5.07	4.87	4.85	4,283.9
2.2.1.2.2 Over 5 years	6.62	5.41	4.67	4.55	4.44	4.46	4.39	4.37	4.36	7,619.0

**Tables G5 •** The tables contain the weighted monthly averages of credit institutions' interest rates for outstanding amounts of selected deposits and loans and total amounts of book balances of such deposits and loans, by reporting months.

Deposits and loans to households and non-financial corporations are broken down to deposits and loans not indexed to f/c, deposits and loans indexed to f/c and foreign currency deposits and loans.

Deposits and loans to households in tables G5a through G5c are further broken down by instrument, by original maturity and

by the currency of indexation (EUR and CHF) or by the currency (EUR and CHF), depending on the presentation format in the individual table. The "of which" position under the loans to households is shown in the tables for loans granted to sole proprietors.

The end-of-month book balances of deposits and loans are the basis for the calculation of the weighted averages for deposits and loans.

The descriptions of instruments are explained in notes on methodology under G1 and G2 tables.

**Table G5b Credit institutions' interest rates on kuna deposits and loans indexed to foreign currency (outstanding amounts)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.*	Jul.*		
		Interest rate								Interest rate
1 Deposits	3.13	3.09	3.09	3.04	2.86	2.84	2.77	2.75	2.73	6,928.3
1.1 Households	3.12	3.06	3.09	3.04	2.91	2.88	2.84	2.82	2.80	6,485.6
1.1.1 Time deposits	3.12	3.06	3.09	3.04	2.91	2.88	2.84	2.82	2.80	6,485.6
1.1.1.1 Short-term	3.32	2.78	2.98	1.98	1.25	1.22	1.15	1.08	0.96	146.9
1.1.1.1.1 Up to 3 months	2.25	1.77	1.50	1.11	1.13	1.01	0.77	0.75	0.70	12.6
1.1.1.1.2 Over 3 and up to 6 months	2.66	2.09	1.85	1.61	0.72	0.72	0.69	0.69	0.41	26.4
1.1.1.1.3 Over 6 months and up to 1 year	3.78	3.32	3.40	2.22	1.42	1.38	1.30	1.21	1.12	107.9
o/w: EUR	3.46	2.90	3.11	2.11	1.35	1.31	1.23	1.15	1.02	134.0
o/w: USD	2.01	1.82	1.55	1.12	0.31	0.32	0.32	0.27	0.27	12.4
1.1.1.2 Long-term	3.11	3.08	3.10	3.07	2.95	2.92	2.88	2.86	2.84	6,338.7
1.1.1.2.1 Over 1 and up to 2 years	3.46	3.19	3.00	2.69	2.36	2.19	1.91	1.88	1.85	222.8
1.1.1.2.2 Over 2 years	3.09	3.07	3.10	3.09	2.97	2.95	2.91	2.90	2.88	6,115.9
o/w: EUR	3.17	3.13	3.14	3.12	3.00	2.97	2.92	2.90	2.88	6,252.3
o/w: USD	2.88	2.74	2.48	2.02	0.77	0.45	0.32	0.32	0.33	15.3
1.2 Non-financial corporations	3.16	3.30	3.05	3.04	2.30	2.23	1.69	1.68	1.67	442.7
1.2.1 Time deposits	3.16	3.30	3.05	3.04	2.30	2.23	1.69	1.68	1.67	442.7
1.2.1.1 Short-term	3.50	3.81	3.51	2.69	2.66	2.93	0.80	0.79	0.83	96.2
1.2.1.1.1 Up to 3 months	3.44	3.37	2.47	0.10	4.10	5.69	0.38	0.25	0.47	13.0
1.2.1.1.2 Over 3 and up to 6 months	2.87	4.41	3.86	1.94	1.43	1.30	0.48	0.41	0.25	21.4
1.2.1.1.3 Over 6 months and up to 1 year	3.95	3.51	3.62	3.41	1.19	1.15	1.05	1.09	1.11	61.8
o/w: EUR	3.51	3.81	3.51	2.69	2.67	2.94	0.80	0.79	0.83	96.1
o/w: USD	2.42	2.52	3.06	2.74	0.85	0.86	0.86	0.86	0.86	0.1
1.2.1.2 Long-term	3.05	2.79	2.77	3.16	2.20	2.05	1.92	1.91	1.90	346.5
1.2.1.2.1 Over 1 and up to 2 years	2.91	2.65	1.92	1.86	1.88	1.67	1.55	1.43	1.44	24.3
1.2.1.2.2 Over 2 years	3.15	2.83	2.99	3.31	2.23	2.08	1.95	1.95	1.93	322.2
o/w: EUR	3.06	2.79	2.77	3.17	2.20	2.05	1.92	1.91	1.90	346.1
o/w: USD	2.17	0.28	–	0.96	0.91	0.40	0.40	0.40	0.40	0.1
1.3 Repos	–	–	–	–	–	–	–	–	–	–
2 Loans	7.02	6.76	6.61	6.09	5.78	5.95	5.87	5.76	5.71	88,755.3
2.1 Households	7.20	7.10	6.96	6.30	5.99	6.31	6.28	6.15	6.10	61,985.0
2.1.1 Loans for house purchases	5.78	5.73	5.60	4.88	4.76	5.24	5.23	5.11	5.06	39,264.4
2.1.1.1 Short-term	7.04	4.89	5.78	6.53	2.25	1.51	4.02	5.27	5.44	0.4
o/w: EUR	7.55	4.89	4.76	6.54	1.89	1.51	4.02	5.27	5.44	0.4
o/w: CHF	5.05	–	5.81	0.00	3.25	–	–	–	–	–
2.1.1.2 Long-term	5.78	5.73	5.60	4.88	4.76	5.24	5.23	5.11	5.06	39,264.0
2.1.1.2.1 Over 1 and up to 5 years	6.27	6.09	5.86	5.00	4.76	4.72	4.61	4.59	4.51	120.7
2.1.1.2.2 Over 5 years	5.77	5.73	5.60	4.88	4.76	5.25	5.24	5.11	5.06	39,143.3
o/w: EUR	6.09	5.97	5.92	5.73	5.42	5.33	5.27	5.14	5.09	38,649.4
o/w: CHF	5.32	5.33	5.02	3.26	3.23	3.03	2.90	2.86	2.85	570.2
2.1.2 Consumer loans and other loans	9.32	9.19	9.12	8.78	8.31	8.16	8.06	7.96	7.89	22,720.6
2.1.2.1 Short-term	8.50	8.20	7.10	6.91	6.43	6.37	5.98	5.84	5.81	168.4
o/w: EUR	8.62	8.36	7.26	6.94	6.46	6.40	6.03	5.89	5.86	161.8
o/w: CHF	9.75	7.04	4.06	8.24	0.75	0.75	0.76	0.75	0.75	0.2
2.1.2.2 Long-term	9.33	9.20	9.13	8.80	8.32	8.17	8.08	7.97	7.91	22,552.2
2.1.2.2.1 Over 1 and up to 5 years	9.49	9.18	8.94	8.27	7.62	7.33	7.18	7.10	7.02	1,954.3
2.1.2.2.2 Over 5 years	9.30	9.20	9.16	8.86	8.39	8.26	8.17	8.06	7.99	20,597.9
o/w: EUR	9.50	9.31	9.22	8.84	8.36	8.19	8.09	7.98	7.92	22,456.8

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.*	Jul.*		
	Interest rate								Interest rate	Volume
o/w: CHF	7.54	7.30	7.09	7.21	6.29	4.37	4.21	4.32	4.27	38.6
o/w: Sole proprietors	6.81	6.41	6.25	6.12	6.07	5.97	5.92	5.86	5.86	2,018.5
2.2 Non-financial corporations	6.64	5.94	5.74	5.53	5.20	5.07	4.91	4.85	4.82	26,770.3
2.2.1 Loans	6.64	5.94	5.74	5.53	5.20	5.07	4.91	4.85	4.82	26,770.3
2.2.1.1 Short-term	7.90	7.45	7.09	6.83	6.20	5.76	5.54	5.42	5.46	2,648.4
o/w: EUR	7.90	7.46	7.10	6.84	6.20	5.77	5.54	5.42	5.47	2,647.7
o/w: CHF	8.31	4.64	4.59	4.95	3.46	0.00	2.04	2.05	2.05	0.2
2.2.1.2 Long-term	6.38	5.70	5.58	5.34	5.08	4.99	4.84	4.79	4.75	24,122.0
2.2.1.2.1 Over 1 and up to 5 years	7.68	7.08	6.69	6.32	5.89	5.78	5.54	5.46	5.47	3,692.8
2.2.1.2.2 Over 5 years	5.84	5.28	5.28	5.10	4.91	4.83	4.71	4.66	4.61	20,429.2
o/w: EUR	6.44	5.73	5.60	5.35	5.09	5.00	4.85	4.79	4.75	23,932.8
o/w: CHF	4.88	4.81	4.65	4.41	3.89	3.73	3.84	3.75	3.75	158.8

Table G5c Credit institutions' interest rates on foreign currency deposits and loans (outstanding amounts)

weighted monthly averages of interest rates, in % on annual basis and volumes in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
	Mar.	Jun.	Jul.*							
	Interest rate						Interest rate	Volume		
1 Deposits	3.57	3.58	2.97	2.51	1.98	1.82	1.65	1.58	1.52	117,292.4
1.1 Households	3.60	3.57	2.98	2.56	2.05	1.87	1.70	1.63	1.57	106,092.1
1.1.1 Time deposits	3.60	3.57	2.98	2.56	2.05	1.87	1.70	1.63	1.57	106,092.1
1.1.1.1 Short-term	3.31	3.30	2.60	2.09	1.55	1.35	1.19	1.09	1.01	42,366.7
1.1.1.1.1 Up to 3 months	2.31	2.20	1.58	1.20	0.73	0.59	0.44	0.40	0.38	3,221.8
1.1.1.1.2 Over 3 and up to 6 months	2.91	2.84	2.05	1.63	1.08	0.86	0.70	0.62	0.55	5,561.7
1.1.1.1.3 Over 6 months and up to 1 year	3.52	3.51	2.82	2.27	1.71	1.51	1.34	1.24	1.15	33,583.2
o/w: EUR	3.38	3.36	2.66	2.13	1.58	1.39	1.23	1.13	1.04	37,287.1
o/w: USD	2.79	2.70	2.25	1.92	1.43	1.19	1.00	0.92	0.86	3,624.7
1.1.1.2 Long-term	4.02	3.98	3.36	2.94	2.42	2.23	2.05	1.99	1.93	63,725.4
1.1.1.2.1 Over 1 and up to 2 years	3.93	3.94	3.24	2.75	2.15	1.94	1.73	1.66	1.59	28,966.8
1.1.1.2.2 Over 2 years	4.14	4.02	3.51	3.15	2.67	2.50	2.33	2.27	2.22	34,758.6
o/w: EUR	4.09	4.05	3.41	2.98	2.46	2.27	2.08	2.02	1.96	58,073.1
o/w: USD	3.35	3.42	2.98	2.59	2.15	1.99	1.81	1.75	1.70	4,194.2
1.2 Non-financial corporations	3.18	3.65	2.91	1.86	1.36	1.32	1.16	1.08	1.10	11,200.3
1.2.1 Time deposits	3.18	3.65	2.91	1.86	1.36	1.32	1.16	1.08	1.10	11,200.3
1.2.1.1 Short-term	3.13	2.69	2.94	1.80	1.07	0.98	0.75	0.69	0.69	6,481.5
1.2.1.1.1 Up to 3 months	2.66	1.77	1.38	0.99	0.45	0.32	0.18	0.20	0.24	2,225.4
1.2.1.1.2 Over 3 and up to 6 months	3.42	3.07	2.32	1.86	1.20	1.04	0.75	0.47	0.44	991.8
1.2.1.1.3 Over 6 months and up to 1 year	3.85	3.85	4.28	2.33	1.67	1.46	1.29	1.18	1.08	3,264.3
o/w: EUR	3.22	2.79	3.07	1.81	1.09	0.97	0.68	0.62	0.62	5,576.8
o/w: USD	2.45	2.02	1.39	1.72	0.91	1.03	1.14	1.13	1.14	880.1
1.2.1.2 Long-term	3.53	5.83	2.78	2.19	1.86	1.81	1.71	1.65	1.66	4,718.7
1.2.1.2.1 Over 1 and up to 2 years	3.74	6.32	3.08	2.58	1.91	1.84	1.78	1.73	1.74	3,766.0
1.2.1.2.2 Over 2 years	3.33	2.31	2.02	1.56	1.51	1.57	1.40	1.32	1.32	952.7
o/w: EUR	3.76	6.09	3.04	2.34	1.86	1.82	1.72	1.66	1.66	4,593.8
o/w: USD	2.13	2.57	1.88	1.44	1.82	1.53	1.49	1.46	1.46	122.5
1.3 Repos	-	-	-	-	-	-	-	-	-	-
2 Loans	6.30	5.30	5.13	5.10	4.62	4.22	4.46	4.46	4.47	10,775.4
2.1 Households	6.21	5.34	5.19	5.07	4.59	4.64	4.82	4.84	4.48	174.3
2.1.1 Loans for house purchases	6.02	5.97	5.95	3.55	3.79	4.33	4.34	4.31	4.31	1.3
2.1.1.1 Short-term	-	-	-	-	-	-	-	-	-	-
o/w: EUR	-	-	-	-	-	-	-	-	-	-
o/w: CHF	-	-	-	-	-	-	-	-	-	-
2.1.1.2 Long-term	6.02	5.97	5.95	3.55	3.79	4.33	4.34	4.31	4.31	1.3
2.1.1.2.1 Over 1 and up to 5 years	6.16	-	-	-	-	-	-	-	-	-
2.1.1.2.2 Over 5 years	6.02	5.97	5.95	3.55	3.79	4.33	4.34	4.31	4.31	1.3
o/w: EUR	7.35	7.77	8.04	7.80	7.07	7.08	7.09	7.10	7.10	0.3
o/w: CHF	5.84	5.77	5.80	3.30	3.30	3.28	3.31	3.28	3.28	0.9
2.1.2 Consumer loans and other loans	6.22	5.31	5.16	5.13	4.60	4.64	4.82	4.84	4.48	173.0
2.1.2.1 Short-term	1.27	1.78	1.92	4.30	3.23	4.05	0.67	0.85	0.78	36.3
o/w: EUR	1.24	1.77	1.93	4.29	3.23	4.04	0.67	0.85	0.78	36.3
o/w: CHF	12.00	12.00	12.00	12.00	8.14	8.14	8.14	7.88	7.88	0.0
2.1.2.2 Long-term	7.27	6.27	6.21	5.88	5.43	5.25	5.67	5.63	5.46	136.7
2.1.2.2.1 Over 1 and up to 5 years	7.43	7.24	6.96	5.94	5.56	5.39	6.09	6.09	6.01	45.0
2.1.2.2.2 Over 5 years	7.19	6.15	6.02	5.87	5.42	5.24	5.21	5.20	5.19	91.7
o/w: EUR	7.41	6.20	6.21	5.83	5.40	5.27	5.69	5.65	5.48	135.3
o/w: CHF	6.26	6.87	6.16	6.52	6.02	3.73	3.72	3.85	3.82	1.4

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.*		
	Interest rate								Interest rate	Volume
o/w: Sole proprietors	7.27	6.79	6.68	6.40	5.59	5.38	5.31	5.31	5.29	67.6
2.2 Non-financial corporations	6.30	5.30	5.13	5.10	4.62	4.21	4.45	4.46	4.47	10,601.2
2.2.1 Loans	6.30	5.30	5.13	5.10	4.62	4.21	4.45	4.46	4.47	10,601.2
2.2.1.1 Short-term	6.87	5.78	5.08	5.82	4.77	3.14	3.69	4.10	4.14	1,635.9
o/w: EUR	7.29	5.74	5.00	5.81	4.92	3.55	3.90	4.28	4.32	1,519.1
o/w: USD	5.16	6.10	5.90	5.02	2.27	1.83	2.00	1.35	1.16	103.8
2.2.1.2 Long-term	6.18	5.19	5.15	4.96	4.60	4.52	4.62	4.54	4.53	8,965.2
2.2.1.2.1 Over 1 and up to 5 years	6.59	5.94	6.03	5.67	4.79	4.82	5.19	4.96	4.96	2,414.2
2.2.1.2.2 Over 5 years	5.87	4.82	4.83	4.81	4.54	4.42	4.42	4.40	4.37	6,551.0
o/w: EUR	6.27	5.19	5.16	4.92	4.59	4.51	4.62	4.55	4.54	8,720.3
o/w: USD	5.86	5.22	5.68	5.32	4.73	4.72	4.17	4.18	4.20	187.0

Table G6a Credit institutions' interest rates on kuna deposits and loans not indexed to foreign currency (new business)

weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.*		
	Interest rate								Interest rate	Volume
<b>1 Deposits</b>	<b>3.23</b>	<b>2.89</b>	<b>2.42</b>	<b>2.07</b>	<b>1.76</b>	<b>1.46</b>	<b>1.47</b>	<b>1.03</b>	<b>0.97</b>	<b>2,954.3</b>
1.1 Households	3.75	3.43	2.89	2.43	2.15	1.82	1.62	1.50	1.42	1,513.2
1.1.1 Time deposits	3.75	3.43	2.89	2.43	2.15	1.82	1.62	1.50	1.42	1,513.2
1.1.1.1 Short-term	3.65	3.27	2.73	2.26	1.98	1.59	1.39	1.29	1.21	1,108.2
1.1.1.1.1 Up to 3 months	3.17	2.39	2.12	1.66	1.50	1.12	0.92	0.78	0.71	341.0
1.1.1.1.2 Over 3 and up to 6 months	3.76	3.53	2.84	2.43	1.94	1.58	1.39	1.21	1.14	254.0
1.1.1.1.3 Over 6 months and up to 1 year	4.06	3.91	3.25	2.68	2.34	1.94	1.72	1.64	1.57	513.2
1.1.1.2 Long-term	4.55	4.41	3.69	3.13	2.74	2.43	2.26	2.11	2.00	405.0
1.1.1.2.1 Over 1 and up to 2 years	4.42	4.43	3.64	3.13	2.74	2.39	2.21	2.04	1.95	269.6
1.1.1.2.2 Over 2 years	4.78	4.32	3.82	3.14	2.74	2.54	2.36	2.27	2.09	135.4
1.2 Non-financial corporations	3.03	2.68	1.77	1.84	1.39	1.05	1.28	0.59	0.54	1,143.6
1.2.1 Time deposits	3.03	2.68	1.77	1.84	1.39	1.05	1.28	0.59	0.54	1,143.6
1.2.1.1 Short-term	3.11	2.59	1.57	1.41	1.16	0.99	0.75	0.58	0.51	1,104.0
1.2.1.1.1 Up to 3 months	2.79	2.05	1.17	1.08	0.85	0.62	0.56	0.43	0.37	879.0
1.2.1.1.2 Over 3 and up to 6 months	4.91	3.63	2.37	1.73	1.53	1.04	0.91	0.87	0.79	120.3
1.2.1.1.3 Over 6 months and up to 1 year	4.98	3.95	3.20	2.25	1.98	1.62	1.29	1.09	1.42	104.6
1.2.1.2 Long-term	2.94	4.20	3.16	3.01	2.44	1.55	1.95	0.74	1.44	39.6
1.2.1.2.1 Over 1 and up to 2 years	2.92	3.89	3.26	3.05	2.49	1.77	1.96	1.27	1.51	35.2
1.2.1.2.2 Over 2 years	3.96	4.87	2.13	2.70	1.57	1.18	0.95	0.40	0.85	4.4
1.3 Repos	–	0.43	–	0.13	0.65	0.05	–	0.35	0.29	297.5
<b>2 Loans</b>	<b>9.74</b>	<b>9.50</b>	<b>8.83</b>	<b>8.38</b>	<b>7.62</b>	<b>7.26</b>	<b>7.20</b>	<b>7.15</b>	<b>7.57</b>	<b>15,375.2</b>
2.1 Households	10.58	10.56	10.13	9.41	8.57	8.41	8.27	8.19	8.22	12,396.0
2.1.1 Loans for house purchases	5.34	5.74	5.81	5.27	5.09	4.88	4.73	4.66	4.64	503.9
2.1.1.1 Short-term	–	5.31	5.86	5.36	5.14	4.93	4.60	4.66	4.58	63.8
2.1.1.2 Long-term	5.34	5.90	5.78	5.25	5.08	4.87	4.75	4.67	4.64	440.1
2.1.1.2.1 Over 1 and up to 5 years	5.91	6.28	5.44	5.36	5.20	4.83	4.70	4.38	4.37	7.3
2.1.1.2.2 Over 5 years	5.33	5.89	5.79	5.25	5.08	4.88	4.75	4.67	4.65	432.8
2.1.2 Consumer loans and other loans	10.61	10.56	10.14	9.43	8.63	8.59	8.49	8.38	8.37	11,892.1
2.1.2.1 Short-term	10.49	10.50	10.13	9.40	8.55	8.53	8.43	8.31	8.31	9,531.0
2.1.2.2 Long-term	11.16	10.86	10.20	9.57	8.99	8.79	8.70	8.63	8.60	2,361.1
2.1.2.2.1 Over 1 and up to 5 years	11.18	10.68	9.93	9.51	8.62	8.50	8.38	8.33	8.30	1,447.2
2.1.2.2.2 Over 5 years	11.10	11.18	10.70	9.72	9.52	9.12	9.13	9.07	9.07	913.9
o/w: Sole proprietors	9.72	10.13	9.87	9.36	8.87	8.62	8.63	8.71	8.86	250.2
2.2 Non-financial corporations	7.51	6.50	5.61	5.48	5.08	4.48	4.39	4.56	4.89	2,979.2
Loans	7.51	6.50	5.61	5.48	5.08	4.48	4.39	4.56	4.89	2,979.2
2.2.1 Short-term	7.51	6.62	5.50	5.42	5.12	4.44	4.42	4.53	4.87	2,755.4
2.2.1.2 Long-term	7.46	5.69	6.35	6.02	4.90	4.79	4.22	4.71	5.20	223.8
2.2.1.2.1 Over 1 and up to 5 years	7.83	6.57	6.62	6.18	5.13	4.68	4.20	4.78	5.10	135.2
2.2.1.2.2 Over 5 years	5.95	4.39	5.99	5.79	4.73	5.00	4.24	4.66	5.37	88.6

Tables G6 • Data on interest rates and volumes of new business for the subcategories of loans and deposits included in tables G6a through G6c are presented in more detail in tables G1 through G3.

Tables G6a through G6c do not include overnight deposits and revolving loans. The tables report the weighted monthly averages of credit institutions' interest rates for the selected aggregated categories of new deposit business (only for time deposits) and new lending business (for loans other than overdrafts and claims and credit card credit) and total volumes of new business

for these categories of deposits and loans. Overdrafts and claims and credit card credit are shown as book balances.

Deposits and loans to households and non-financial corporations are broken down to deposits and loans not indexed to f/c (Table G6a), deposits and loans indexed to f/c (Table G6b) and foreign currency deposits and loans (Table G6c).

The descriptions of division by instrument, counterparty sector, maturity and currency are explained in notes on methodology under tables G1 through G3.



**Table G6b Credit institutions' interest rates on kuna deposits and loans indexed to foreign currency (new business)**  
 weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.		
	Interest rate								Interest rate	Volume
<b>1 Deposits</b>	<b>3.37</b>	<b>3.69</b>	<b>3.41</b>	<b>3.11</b>	<b>3.03</b>	<b>1.85</b>	<b>1.32</b>	<b>1.42</b>	<b>1.43</b>	<b>69.4</b>
1.1 Households	3.19	2.87	3.48	2.52	2.62	2.21	1.85	1.47	1.56	54.8
1.1.1 Time deposits	3.19	2.87	3.48	2.52	2.62	2.21	1.85	1.47	1.56	54.8
1.1.1.1 Short-term	2.61	2.17	3.00	1.38	0.66	0.65	0.75	0.70	0.82	15.5
1.1.1.1.1 Up to 3 months	2.18	1.75	1.34	0.92	1.10	0.71	0.68	0.33	0.20	2.6
1.1.1.1.2 Over 3 and up to 6 months	3.01	1.90	1.74	1.84	0.84	0.43	0.47	0.68	0.57	2.3
1.1.1.1.3 Over 6 months and up to 1 year	4.27	4.85	4.81	1.68	0.39	0.94	0.93	0.82	1.03	10.6
o/w: EUR	2.94	2.57	3.72	1.66	0.66	0.65	0.75	0.70	0.82	15.5
o/w: USD	1.88	1.51	1.10	0.79	–	–	–	–	–	–
1.1.1.2 Long-term	3.31	3.14	3.59	2.97	2.84	2.31	2.04	1.89	1.85	39.2
1.1.1.2.1 Over 1 and up to 2 years	4.43	3.74	4.03	2.58	1.59	1.97	1.72	1.49	1.34	6.2
1.1.1.2.2 Over 2 years	3.18	3.08	3.55	2.99	2.84	2.34	2.11	1.93	1.95	33.0
o/w: EUR	3.31	3.14	3.59	2.97	2.84	2.31	2.04	1.89	1.85	39.2
o/w: USD	0.00	–	–	–	–	–	–	–	–	–
1.2 Non-financial corporations	3.54	4.76	3.23	3.65	3.41	0.57	0.42	0.55	0.95	14.6
1.2.1 Time deposits	3.54	4.76	3.23	3.65	3.41	0.57	0.42	0.55	0.95	14.6
1.2.1.1 Short-term	3.14	4.79	3.26	1.85	3.93	0.30	0.44	0.46	0.73	5.4
1.2.1.1.1 Up to 3 months	2.79	3.64	2.01	1.09	4.22	0.02	0.39	0.64	0.51	4.9
1.2.1.1.2 Over 3 and up to 6 months	1.46	5.96	1.34	1.94	0.80	–	0.44	0.28	0.30	0.1
1.2.1.1.3 Over 6 months and up to 1 year	4.94	3.48	3.36	1.80	0.90	0.32	4.41	0.80	3.80	0.4
o/w: EUR	3.18	4.79	3.26	1.85	3.93	0.30	0.44	0.46	0.73	5.4
o/w: USD	1.15	4.00	3.80	3.00	3.00	–	–	–	–	–
1.2.1.2 Long-term	3.72	4.64	2.53	4.11	2.77	0.81	0.11	0.63	1.08	9.2
1.2.1.2.1 Over 1 and up to 2 years	2.41	4.73	2.79	1.95	1.51	1.63	0.36	1.25	1.43	4.2
1.2.1.2.2 Over 2 years	4.24	2.40	1.37	4.12	2.90	0.31	0.01	0.30	0.79	5.1
o/w: EUR	3.72	4.64	2.53	4.11	2.77	0.81	0.11	0.63	1.08	9.2
o/w: USD	–	–	–	–	–	–	–	–	–	–
1.3 Repos	–	–	–	–	–	–	–	–	–	–
<b>2 Loans</b>	<b>7.27</b>	<b>6.80</b>	<b>5.91</b>	<b>6.14</b>	<b>5.85</b>	<b>5.56</b>	<b>5.19</b>	<b>5.17</b>	<b>4.60</b>	<b>1,937.5</b>
2.1 Households	7.60	7.05	6.39	6.68	5.89	5.84	5.80	5.80	5.61	533.6
2.1.1 Loans for house purchases	5.63	5.22	5.12	5.13	5.63	5.57	4.81	4.60	4.44	226.3
2.1.1.1 Short-term	5.50	5.39	5.54	5.36	4.77	4.51	4.21	4.31	4.12	26.0
o/w: EUR	5.50	5.39	5.54	5.36	4.77	4.51	4.21	4.31	4.12	26.0
o/w: CHF	–	–	–	–	–	–	–	–	–	–
2.1.1.2 Long-term	5.64	5.20	5.06	5.11	5.64	5.59	4.87	4.63	4.48	200.3
2.1.1.2.1 Over 1 and up to 5 years	5.85	5.11	5.39	5.10	4.34	4.37	4.19	4.53	4.60	2.0
2.1.1.2.2 Over 5 years	5.64	5.20	5.05	5.11	5.64	5.61	4.88	4.64	4.48	198.3
o/w: EUR	5.68	5.43	5.29	5.20	5.64	5.59	4.88	4.63	4.47	198.2
o/w: CHF	5.53	3.50	2.30	3.60	2.12	–	3.28	–	5.89	1.1
2.1.2 Consumer loans and other loans	8.63	8.38	6.86	7.53	7.00	6.66	6.70	6.76	6.48	307.3
2.1.2.1 Short-term	8.50	8.03	6.42	6.44	5.33	5.90	5.65	5.82	5.15	25.2
o/w: EUR	8.55	8.06	6.47	6.46	5.35	5.92	5.75	5.83	5.15	25.2
o/w: CHF	6.77	5.35	–	–	2.84	–	–	–	–	–
2.1.2.2 Long-term	8.65	8.43	6.90	7.65	7.22	6.76	6.79	6.88	6.60	282.1
2.1.2.2.1 Over 1 and up to 5 years	8.66	8.00	5.97	7.17	6.77	6.14	6.59	6.50	5.84	43.3
2.1.2.2.2 Over 5 years	8.64	8.57	7.43	7.78	7.31	6.95	6.85	6.95	6.73	238.8
o/w: EUR	8.68	8.44	6.92	7.67	7.23	6.78	6.81	6.89	6.62	279.4
o/w: CHF	6.87	6.72	5.52	7.24	2.58	3.61	–	–	–	–

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.		
	Interest rate								Interest rate	Volume
o/w: Sole proprietors	7.32	7.36	6.58	5.98	5.79	6.18	5.36	5.98	4.90	64.2
2.2 Non-financial corporations	7.16	6.70	5.70	5.94	5.79	5.12	4.86	4.78	4.21	1,403.9
2.2.1 Loans	7.16	6.70	5.70	5.94	5.79	5.12	4.86	4.78	4.21	1,403.9
2.2.1.1 Short-term	8.02	7.05	5.33	6.08	6.15	5.64	5.02	4.61	4.36	524.7
o/w: EUR	8.01	7.05	5.33	6.08	6.14	5.64	5.02	4.61	4.36	524.7
o/w: CHF	–	–	–	–	7.00	–	–	–	–	–
2.2.1.2 Long-term	6.36	6.37	6.22	5.84	5.57	4.91	4.77	4.94	4.13	879.2
2.2.1.2.1 Over 1 and up to 5 years	6.91	6.95	6.13	6.06	4.94	4.84	5.50	5.19	5.56	70.1
2.2.1.2.2 Over 5 years	5.88	5.89	6.26	5.52	5.81	4.94	4.37	4.82	4.00	809.1
o/w: EUR	6.39	6.37	6.23	5.84	5.57	4.91	4.77	4.94	4.13	879.2
o/w: CHF	5.28	–	5.38	–	–	3.73	–	–	–	–

Table G6c Credit institutions' interest rates on foreign currency deposits and loans (new business)

weighted monthly averages of interest rates, in % on annual basis and volumes of new business in million HRK

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.		
						Interest rate			Interest rate	Volume
1 Deposits	2.90	2.67	2.20	1.93	1.20	0.93	0.97	0.74	0.69	8,607.3
1.1 Households	3.25	3.16	2.52	2.10	1.52	1.12	1.01	0.94	0.86	5,873.3
1.1.1 Time deposits	3.25	3.16	2.52	2.10	1.52	1.12	1.01	0.94	0.86	5,873.3
1.1.1.1 Short-term	3.06	2.97	2.25	1.76	1.20	0.88	0.72	0.72	0.70	3,675.7
1.1.1.1.1 Up to 3 months	2.37	2.07	1.62	1.20	0.68	0.54	0.41	0.43	0.41	713.3
1.1.1.1.2 Over 3 and up to 6 months	2.84	2.72	2.14	1.63	1.12	0.70	0.57	0.62	0.51	539.
1.1.1.1.3 Over 6 months and up to 1 year	3.39	3.30	2.52	2.00	1.39	1.04	0.86	0.85	0.83	2,423.3
o/w: EUR	3.12	3.01	2.31	1.78	1.23	0.88	0.74	0.75	0.72	3,296.9
o/w: USD	2.75	2.52	2.02	1.73	1.12	1.01	0.65	0.60	0.59	265.8
1.1.1.2 Long-term	3.96	3.90	3.07	2.61	2.00	1.49	1.44	1.27	1.12	2,197.6
1.1.1.2.1 Over 1 and up to 2 years	3.95	3.80	2.99	2.61	1.98	1.40	1.39	1.22	1.05	1,421.6
1.1.1.2.2 Over 2 years	4.01	4.18	3.24	2.63	2.04	1.63	1.52	1.35	1.24	776.1
o/w: EUR	4.07	3.98	3.11	2.65	2.03	1.50	1.42	1.28	1.12	2,047.6
o/w: USD	3.56	3.47	2.93	2.39	1.80	1.45	1.78	1.26	1.21	127.2
1.2 Non-financial corporations	2.32	1.74	1.41	1.39	0.55	0.43	0.92	0.29	0.33	2,733.9
1.2.1 Time deposits	2.32	1.74	1.41	1.39	0.55	0.43	0.92	0.29	0.33	2,733.9
1.2.1.1 Short-term	2.27	1.60	1.36	1.20	0.48	0.41	0.18	0.22	0.16	2,488.1
1.2.1.1.1 Up to 3 months	2.07	1.09	0.86	0.76	0.28	0.15	0.09	0.07	0.09	2,146.8
1.2.1.1.2 Over 3 and up to 6 months	3.50	3.09	2.21	1.74	0.95	0.62	0.51	0.29	0.54	183.1
1.2.1.1.3 Over 6 months and up to 1 year	4.18	3.66	2.91	1.76	1.39	1.12	1.11	0.94	0.65	158.2
o/w: EUR	2.50	1.95	1.51	1.24	0.46	0.37	0.09	0.20	0.10	2,115.0
o/w: USD	1.37	0.60	0.58	0.56	0.63	0.72	0.84	0.40	0.63	184.5
1.2.1.2 Long-term	4.47	3.71	3.34	2.80	1.23	0.64	1.84	1.86	2.04	245.9
1.2.1.2.1 Over 1 and up to 2 years	4.56	3.52	3.39	2.84	1.22	0.38	1.85	1.57	2.06	123.3
1.2.1.2.2 Over 2 years	3.19	4.41	3.04	1.70	1.41	1.25	1.75	2.32	2.03	122.6
o/w: EUR	4.53	4.70	3.72	2.80	1.25	0.64	1.84	1.89	2.05	245.0
o/w: USD	2.82	2.51	2.39	–	0.05	–	0.70	1.17	0.05	0.4
1.3 Repos	–	–	–	–	–	–	–	–	–	–
2 Loans	6.41	4.74	4.48	4.49	3.51	2.28	2.98	2.87	2.99	1,109.4
2.1 Households	0.41	0.16	1.45	2.19	1.88	3.00	0.11	0.57	0.55	35.1
2.1.1 Loans for house purchases	–	–	–	–	–	–	–	–	–	–
2.1.1.1 Short-term	–	–	–	–	–	–	–	–	–	–
o/w: EUR	–	–	–	–	–	–	–	–	–	–
o/w: CHF	–	–	–	–	–	–	–	–	–	–
2.1.1.2 Long-term	–	–	–	–	–	–	–	–	–	–
2.1.1.2.1 Over 1 and up to 5 years	–	–	–	–	–	–	–	–	–	–
2.1.1.2.2 Over 5 years	–	–	–	–	–	–	–	–	–	–
o/w: EUR	–	–	–	–	–	–	–	–	–	–
o/w: CHF	–	–	–	–	–	–	–	–	–	–
2.1.2 Consumer loans and other loans	0.41	0.16	1.45	2.19	1.88	3.00	0.11	0.57	0.55	35.1
2.1.2.1 Short-term	0.32	0.16	0.86	0.79	0.26	2.92	0.06	0.43	0.21	32.8
o/w: EUR	0.31	0.16	0.85	0.78	0.25	2.92	0.05	0.42	0.20	32.8
o/w: CHF	12.00	12.00	12.00	12.00	8.14	8.14	8.14	7.88	7.88	0.0
2.1.2.2 Long-term	9.81	–	6.69	5.24	4.70	4.11	5.49	6.22	5.36	2.3
2.1.2.2.1 Over 1 and up to 5 years	–	–	5.43	4.80	4.15	4.29	6.83	7.15	2.55	1.3
2.1.2.2.2 Over 5 years	9.81	–	7.75	5.28	4.75	3.96	3.35	5.45	8.84	1.0
o/w: EUR	9.95	–	6.69	5.24	4.70	4.11	5.49	6.22	5.36	2.3
o/w: CHF	7.98	–	–	–	–	–	–	–	–	–

	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			2016 Aug.	
						Mar.	Jun.	Jul.		
	Interest rate								Interest rate	Volume
o/w: Sole proprietors	4.43	0.00	5.85	4.42	4.70	3.99	1.96	5.80	4.30	1.8
2.2 Non-financial corporations	6.59	4.88	4.60	4.62	3.55	2.23	3.07	2.93	3.07	1,074.3
2.2.1 Loans	6.59	4.88	4.60	4.62	3.55	2.23	3.07	2.93	3.07	1,074.3
2.2.1.1 Short-term	6.38	3.79	3.69	4.32	3.51	1.86	2.33	2.26	2.48	723.0
o/w: EUR	6.54	3.77	3.64	4.61	4.26	2.19	2.65	3.21	3.49	414.3
o/w: USD	6.03	7.06	2.73	3.16	1.54	1.21	0.83	0.90	1.13	308.7
2.2.1.2 Long-term	7.05	5.99	6.70	5.27	3.56	3.98	4.51	4.06	4.30	351.3
2.2.1.2.1 Over 1 and up to 5 years	7.12	5.42	6.39	5.40	3.79	5.55	4.42	4.37	4.36	278.5
2.2.1.2.2 Over 5 years	7.03	6.58	6.76	5.18	2.17	1.08	4.61	3.98	4.06	72.9
o/w: EUR	7.05	5.96	6.69	6.02	4.15	4.63	4.75	4.06	4.30	351.3
o/w: USD	–	6.19	7.91	4.92	2.22	0.57	2.03	3.53	–	–

**Table G7a Interest rates in interbank demand deposit trading**  
 weighted monthly averages of interest rates, in % on annual basis

Year	Month	O/N	T/N	S/N	Call money	2 – 6 days	1 week	2 weeks	1 month	3 months
1	2	3	4	5	6	7	8	9	10	11
2003		3.12	3.35	2.80	3.39	3.42	3.58	3.76	4.14	4.91
2004		4.98	4.94	4.67	5.66	4.85	5.37	5.82	5.88	6.35
2005		2.97	4.45	4.91	4.27	3.52	3.69	4.20	4.57	5.33
2006		2.36	2.37	2.30	2.82	2.31	2.77	2.68	3.36	3.81
2007		4.97	5.30	4.91	4.00	5.45	5.51	5.59	5.87	5.86
2008		5.86	5.64	4.79	–	5.22	6.59	6.50	6.88	7.38
2009		7.22	6.97	6.30	6.50	7.76	7.79	8.53	8.98	9.31
2010		0.89	1.23	1.25	–	1.16	1.23	1.82	1.74	2.92
2011		0.86	0.98	1.92	–	0.89	1.22	1.46	2.25	3.31
2012		1.09	1.67	1.37	–	1.09	1.38	2.20	1.75	3.79
2013		0.37	0.33	1.00	–	0.73	1.01	0.63	1.02	2.36
2014		0.34	0.36	0.83	–	0.48	0.54	0.57	0.79	0.95
2015	October	0.42	–	–	–	0.49	0.75	0.50	0.87	–
	November	0.35	–	–	–	0.35	0.45	0.51	0.60	1.40
	December	0.49	0.50	–	–	0.52	0.52	0.32	–	–
2016	January	0.59	–	–	–	0.25	0.42	0.20	–	–
	February	0.47	–	–	–	0.21	0.33	0.90	–	–
	March	0.44	–	–	–	0.45	0.14	0.65	–	0.80
	April	0.30	–	–	–	–	0.21	0.60	–	0.70
	May	0.01	–	–	–	0.53	0.41	0.68	–	0.75
	June	0.13	–	–	–	–	0.41	0.50	–	–
	July	0.10	–	–	–	0.39	0.44	–	–	–
	August	0.29	0.60	–	–	0.37	0.34	0.20	–	0.80
	September	0.84	–	–	–	0.17	0.21	0.15	–	–

**Table G7a Interest rates in interbank demand deposit trading** • Table G7a contains weighted monthly averages of credit institutions' interest rates from direct interbank trading in demand deposits in the reporting month and they do not include direct and repo trading in securities or transactions with other legal and natural persons. The annual averages are calculated as simple averages of the weighted monthly averages. Interest rates are further subdivided according to the maturity period: column 3 O/N (overnight maturity): funds are granted on the same day when the transaction is concluded, while funds are returned on

the next working day; column 4 T/N ("TOM/NEXT"): funds are granted on the first working day following the day when the transaction is concluded, while funds are returned on the next working day; column 5 S/N ("SPOT/NEXT"): funds are granted on the second working day following the day when the transaction is concluded, while funds are returned on the next working day; column 6: call money; column 7: maturity of 2 to 6 days, and columns 8 to 11: maturity of 1 week, 2 weeks, 1 month and 3 months.

**Table G7b Interest rates quoted on the interbank market (ZIBOR)**  
simple monthly averages of simple daily averages of banks' quotations

Year	Month	O/N	T/N	S/N	1 week	2 weeks	1 month	3 months	6 months	9 months	12 months
1	2	3	4	5	6	7	8	9	10	11	12
2003		3.55	3.59	3.63	3.94	4.11	5.03	5.37	5.77	–	–
2004		5.31	5.42	5.56	5.79	6.04	10.11	7.33	7.61	–	–
2005		3.62	3.74	3.79	4.30	4.59	5.98	6.21	6.45	–	–
2006		2.90	2.96	3.00	3.28	3.52	4.24	4.49	4.67	4.66	4.82
2007		5.18	5.28	5.27	5.50	5.61	5.73	5.66	5.58	5.55	5.59
2008		5.96	6.15	6.23	6.72	6.80	6.88	7.17	7.19	7.18	7.20
2009		7.16	7.49	7.72	8.33	8.63	9.15	8.96	8.68	8.48	8.41
2010		1.04	1.05	1.05	1.17	1.31	1.57	2.44	3.32	3.74	4.12
2011		1.03	1.06	1.09	1.27	1.53	2.11	3.15	3.84	4.12	4.39
2012		1.23	1.21	1.20	1.37	1.58	2.12	3.42	4.14	4.37	4.58
2013		0.59	0.60	0.60	0.67	0.75	0.94	1.50	2.10	2.40	2.66
2014		0.47	0.47	0.47	0.58	0.63	0.75	0.97	1.32	1.57	1.81
2015		0.70	0.66	0.61	0.82	0.90	1.05	1.23	1.43	1.65	1.88
2015	October	1.02			1.10	1.21	1.49	1.75	1.89	2.04	2.28
	November	0.77			0.83	0.90	1.14	1.41	1.70	1.94	2.15
	December	0.65			0.72	0.80	0.98	1.24	1.53	1.74	1.96
2016	January	0.61			0.65	0.73	0.90	1.06	1.34	1.53	1.74
	February	0.51			0.53	0.60	0.71	0.88	1.14	1.35	1.54
	March	0.40			0.48	0.55	0.64	0.83	1.05	1.26	1.41
	April	0.40			0.48	0.54	0.63	0.82	1.01	1.22	1.36
	May	0.37			0.46	0.52	0.61	0.80	0.98	1.18	1.32
	June	0.37			0.46	0.52	0.61	0.80	0.98	1.17	1.31
	July	0.39			0.47	0.52	0.60	0.79	0.94	1.13	1.27
	August	0.47			0.54	0.58	0.66	0.82	0.97	1.12	1.29
	September	0.60			0.63	0.67	0.74	0.87	0.99	1.12	1.30

Note: From 21 September 2015 onwards, data are not calculated and published for T/N ("TOM/NEXT") and S/N ("SPOT/NEXT").

**Table G7b Interest rates quoted on the interbank market (ZIBOR)** • Table G7b contains simple monthly averages of daily values of the ZIBOR interest rate index, while annual averages are the simple averages of simple monthly averages. ZIBOR (Zagreb Interbank Offered Rates) indices are the single benchmark interest rates on the Croatian interbank market. The official calculation of ZIBOR by maturity is based on the calculation of the average values of interest rates provided by eight largest Croatian banks published daily on Reuters system at 11 a.m. every working day. Interest rates are further subdivided by the maturity period: column 3 O/N (overnight maturity): funds

are granted on the same day when the transaction is concluded, while funds are returned on the next working day; column 4 T/N ("TOM/NEXT"): funds are granted on the first working day following the day when the transaction is concluded, while funds are returned on the next working day; column 5 S/N ("SPOT/NEXT"): funds are granted on the second working day following the day when the transaction is concluded, while funds are returned on the next working day; column 6: maturity of 1 week and columns 7 to 12: maturity of 2 weeks, 1 month, 3 months, 6 months, 9 months and 12 months.

Table G8a Interest rates on MoF treasury bills

Year	Month	Denominated in HRK			Indexed to EUR	
		3 months	6 months	12 months	3 months	12 months
2000		9.97	9.43	–	–	–
2001		6.18	7.01	–	–	–
2002		2.66	3.45	3.77	–	–
2003		3.41	4.31	4.80	–	–
2004		4.64	5.74	6.38	–	–
2005		3.96	4.65	4.99	–	–
2006		3.07	3.37	3.87	–	–
2007		3.29	3.49	4.08	–	–
2008		4.39	5.24	5.98	–	7.95
2009		6.95	7.25	7.52	–	7.09
2010		2.19	3.28	4.01	–	3.37
2011		2.60	3.53	3.91	3.76	3.46
2012		2.74	3.59	3.93	2.71	3.26
2013		0.97	1.70	2.54	0.64	1.38
2014		0.49	0.99	1.86	0.38	0.51
2015		0.36	0.50	1.50	0.23	0.40
2015	October	–	–	1.50	–	0.40
	November	0.43	0.55	1.50	0.20	0.40
	December	0.43	0.55	1.48	–	0.40
2016	January	–	–	1.43	–	0.40
	February	0.40	0.50	1.17	0.20	0.30
	March	0.40	0.50	0.99	–	–
	April	–	–	0.97	–	–
	May	–	–	0.96	–	0.25
	June	–	–	0.94	–	–
	July	–	–	–	–	–
	August	–	–	0.90	–	0.24
	September	–	–	–	–	–

**Table G8a Interest rates on MoF treasury bills** • Table G8a shows the weighted monthly averages of daily interest rates achieved at auctions of treasury bills of the Ministry of Finance of the Republic of Croatia. Daily interest rates correspond to the single yield at issue attained at auctions of MoF treasury bills.

Annual averages are a simple average of the weighted

monthly averages.

The weighted monthly averages of daily interest rates are calculated separately for treasury bills denominated in kuna and for treasury bills indexed to euro, and separately for each original contractual maturity (91, 182 or 364 days).



Table G8b Yields to maturity on the bonds of the Republic of Croatia, for selected currencies and maturities

Year	Month	USD				EUR		Indexed to EUR				HRK					
		6 years	7 years	9 years	10 years	4 years	8 years	5 years	6 years	8 years	10 years	2 years	3 years	4 years	6 years	10 years	11 years
2001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	5.32	-	5.77	5.80	-	5.69	-	6.42	-	-	-	-	-	-
2003		-	4.19	-	-	-	4.93	4.39	4.70	5.19	-	-	-	6.01	-	-	-
2004		4.48	4.23	-	-	3.66	-	4.54	-	5.02	-	-	5.82	6.19	-	-	-
2005		4.70	-	-	-	3.19	3.66	-	3.73	-	-	4.07	5.17	4.24	-	4.42	-
2006		-	-	-	-	4.04	4.19	4.42	4.36	-	-	4.06	4.60	4.15	-	4.17	-
2007		-	-	-	-	4.62	-	4.83	-	-	-	4.71	4.24	-	4.98	5.04	-
2008		-	-	-	-	-	-	-	-	-	-	5.50	-	-	5.32	-	-
2009		-	-	-	5.83	4.51	-	-	-	-	6.44	-	-	8.14	7.95	-	-
2010		-	-	5.66	5.69	4.30	-	-	-	-	6.05	-	5.28	5.97	5.81	6.37	-
2011		-	-	6.51	6.24	5.04	-	-	-	6.47	-	4.75	5.30	5.66	6.27	-	-
2012		-	5.45	6.68	-	-	-	-	-	6.60	5.86	6.36	4.63	5.54	6.63	-	-
2013		5.17	5.08	5.90	5.71	-	-	-	4.59	-	4.16	3.35	3.74	4.17	4.99	-	-
2014		4.68	4.95	5.20	5.47	3.08	3.83	3.64	4.19	4.29	4.64	2.87	3.67	3.91	4.23	-	-
2015		4.57	5.08	4.82	-	2.72	-	3.03	-	3.55	3.99	2.34	2.73	3.12	-	3.98	3.96
2015	October	-	4.93	-	-	-	-	-	-	-	-	2.7	3.07	2.93	-	3.93	-
	November	-	5.09	-	-	-	-	-	-	-	-	2.64	2.89	3.26	-	3.86	-
	December	-	5.21	-	-	-	-	-	-	-	-	2.52	2.81	3.2	-	4.02	4.09
2016	January	-	5.04	-	-	-	-	-	3.5	3.64	-	2.26	2.57	2.89	-	3.85	4.03
	February	-	4.81	-	-	-	-	-	3.48	3.63	-	1.79	-	2.41	-	-	3.90
	March	-	4.72	-	-	-	-	-	3.3	3.57	-	1.7	-	2.13	-	-	3.86
	April	-	4.46	-	-	-	-	-	3.15	3.42	-	1.51	-	2.05	-	-	3.77
	May	-	4.52	-	-	-	-	-	3.13	3.32	-	1.38	-	1.99	-	-	3.73
	June	-	4.6	-	-	-	-	-	3.12	3.36	-	1.74	-	2.09	-	3.8	3.81
	July	-	4.28	-	-	-	-	-	3.17	3.35	-	1.85	-	2.36	-	3.75	-
	August	-	4.01	-	-	-	-	-	3.07	3.3	-	1.57	-	2.23	-	3.58	-
	September	-	3.76	-	-	-	2.76	-	2.76	3.21	-	1.4	2.02	2.14	-	3.34	-

Table G8b Yields to maturity on the bonds of the Republic of Croatia, for selected currencies • Table G8b shows the average monthly and annual yields to maturity on the bonds of the Republic of Croatia, for selected currencies and maturities.

The average monthly yields to maturity are a simple average of daily yields to maturity.

The average annual yields are a simple average of monthly averages.

Daily yields are calculated for each remaining maturity (rounded to the whole number of years) in such a way that bonds are first grouped according to the remaining maturity, and then a simple average is calculated for each group. The remaining maturity of a bond on a certain day is calculated as a rounded number (interval  $t-0.5$  to  $t+0.5$ ), assuming a year of 365 days.

The applied methodology differs somewhat depending on the market in which bonds are issued, i.e. the Republic of Croatia or

foreign capital markets, and depending on the availability of data for the calculation of yields to maturity.

a) Bonds issued in the domestic capital market

Daily yields to maturity are calculated on the basis of the weighted average of the average trading price attained in all trading segments of the Zagreb Stock Exchange.

Daily yields are also calculated for days when there are no trading transactions, assuming that the most recent average price remains unchanged.

Daily yields are not calculated for days which are public holidays in the Republic of Croatia.

b) Bonds issued in foreign capital markets

Daily yields to maturity are taken from the Bloomberg financial service, and are calculated on the basis of daily data on the most recent quoted bid price.

The calculation of the average monthly yield does not account for days for which data on daily yields are not available.

Table G10a 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
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	
2013		7.573548				6.154290	8.922067	5.705883	
2014		7.630014				6.282424	9.465973	5.749322	
2015		7.609601				7.133762	10.489299	6.862262	
2015	October	7.622835				7.006613	10.392797	6.780515	
	November	7.598376				7.016779	10.750593	7.063317	
	December	7.634682				7.049754	10.554799	7.034940	
2016	January	7.652777				7.004027	10.149827	7.041467	
	February	7.636668				6.925609	9.867520	6.882671	
	March	7.566498				6.930301	9.692216	6.827044	
	April	7.494619				6.858715	9.455753	6.612791	
	May	7.494223				6.783124	9.609321	6.615648	
	June	7.511915				6.888549	9.533886	6.687416	
	July	7.489517				6.892748	8.912073	6.766731	
	August	7.477713				6.878600	8.756782	6.670247	
	September	7.490070				6.857253	8.795602	6.683380	

Table G10a 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.

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.

Table G10b 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
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	
2010		7.530420				6.194817	8.986181	5.819940	
2012		7.545624				6.245343	9.219971	5.726794	
2013		7.637643				6.231758	9.143593	5.549000	
2014		7.661471				6.368108	9.784765	6.302107	
2015		7.635047				7.059683	10.361035	6.991801	
2015	October	7.599739				6.993410	10.600836	6.908226	
	November	7.626782				6.987432	10.835036	7.199832	
	December	7.635047				7.059683	10.361035	6.991801	
2016	January	7.657013				6.895104	10.039351	7.016414	
	February	7.620282				6.975086	9.679007	6.916839	
	March	7.523703				6.896785	9.568489	6.648143	
	April	7.478284				6.822007	9.590003	6.570272	
	May	7.487329				6.772186	9.822024	6.726556	
	June	7.512737				6.929291	9.089821	6.791482	
	July	7.477489				6.896780	8.871146	6.731019	
	August	7.475747				6.835281	8.754827	6.693300	
	September	7.507753				6.897339	8.703632	6.696176	

Table G10b Midpoint exchange rates of the Croatian National 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 G11 Banks' trade with foreign exchange**  
in million EUR, current exchange rate

	2010	2011	2012	2013	2014	2015	2016			
							Mar.	Jun.	Jul.	Aug.
A. Purchase of foreign exchange										
1 Legal persons	21,453.6	20,628.9	19,837.3	15,625.9	18,318.4	17,214.2	1,505.9	1,440.3	1,456.9	1,127.3
2 Natural persons	4,878.0	5,264.9	5,060.8	5,083.6	5,519.3	5,737.7	438.7	536.1	599.8	627.1
2.1 Residents	4,251.3	4,867.9	4,647.1	4,733.2	5,036.8	5,223.8	427.6	474.0	481.3	477.3
2.2 Non-residents	626.7	397.0	413.7	350.5	482.5	513.9	11.1	62.1	118.5	149.9
3 Domestic banks	11,171.3	10,406.6	10,237.5	11,351.5	10,132.4	12,123.7	1,472.1	1,091.0	1,208.3	885.0
4 Foreign banks	5,548.6	5,226.3	6,023.2	6,063.8	6,736.7	7,226.7	595.0	728.5	616.2	769.2
5 Croatian National Bank	350.1	596.7	724.4	214.9	240.2	767.2	–	–	–	–
Total (1+2+3+4)	43,401.6	42,123.5	41,883.2	38,339.8	40,947.0	43,069.4	4,011.7	3,879.4	3,881.2	3,408.6
B. Sale of foreign exchange										
1 Legal persons	21,930.5	20,809.2	20,355.7	20,189.4	23,579.1	21,157.6	1,676.8	1,630.7	2,013.3	1,851.5
2 Natural persons	1,815.9	1,760.2	1,461.3	1,443.8	1,444.7	1,587.8	105.3	112.2	137.2	127.5
2.1 Residents	1,800.5	1,743.3	1,450.8	1,436.1	1,435.5	1,580.1	105.0	111.3	135.4	125.8
2.2 Non-residents	15.4	16.9	10.5	7.7	9.2	7.7	0.3	1.0	1.8	1.7
3 Domestic banks	11,171.3	10,406.6	10,237.5	11,351.5	10,132.4	12,123.7	1,472.1	1,091.0	1,208.3	885.0
4 Foreign banks	5,455.0	5,730.2	7,159.4	7,082.2	7,135.4	8,221.8	774.8	602.8	935.4	732.0
5 Croatian National Bank	363.7	–	58.1	–	–	–	–	83.5	–	–
Total (1+2+3+4)	40,736.5	38,706.2	39,272.0	40,066.9	42,291.6	43,090.9	4,029.1	3,520.2	4,294.3	3,596.0
C. Net purchase (A-B)										
1 Legal persons	–476.9	–180.3	–518.4	–4,563.4	–5,260.7	–3,943.4	–170.9	–190.4	–556.4	–724.3
2 Natural persons	3,062.1	3,504.7	3,599.5	3,639.8	4,074.7	4,149.9	333.3	423.9	462.6	499.6
2.1 Residents	2,450.8	3,124.6	3,196.3	3,297.1	3,601.3	3,643.7	322.6	362.8	345.9	351.5
2.2 Non-residents	611.2	380.1	403.2	342.7	473.4	506.1	10.7	61.1	116.7	148.1
3 Foreign banks	93.6	–503.9	–1,136.2	–1,018.4	–398.7	–995.2	–179.8	125.8	–319.3	37.2
4 Croatian National Bank	–13.6	596.7	666.3	214.9	240.2	767.2	–	–83.5	–	–
Total (1+2+3)	2,665.2	3,417.2	2,611.2	–1,727.1	–1,344.6	–21.6	–17.3	275.8	–413.1	–187.5
Memo items: Other Croatian National Bank transactions										
Purchase of foreign exchange	238.5	968.2	1,016.3	784.6	420.6	1,364.0	0.9	2.6	5.0	1.9
o/w: MoF	238.5	968.2	1,016.3	784.6	420.6	1,364.0	0.9	2.6	5.0	1.9
Sale of foreign exchange	233.1	0.0	246.1	228.4	392.2	429.0	52.9	26.7	24.2	24.9
o/w: MoF	233.1	0.0	246.1	159.0	0.0	0.1	–	–	–	0.0

**Table G11 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 others.

## H International economic relations

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

	2010	2011	2012	2013	2014	2015 <sup>d</sup>	2015				2016	
							Q1 <sup>d</sup>	Q2 <sup>d</sup>	Q3 <sup>d</sup>	Q4 <sup>d</sup>	Q1 <sup>d</sup>	Q2 <sup>e</sup>
<b>A CURRENT ACCOUNT (1+6)</b>	<b>-487.6</b>	<b>-315.8</b>	<b>-23.0</b>	<b>440.9</b>	<b>901.0</b>	<b>2,237.2</b>	<b>-1,262.9</b>	<b>35.8</b>	<b>3,920.5</b>	<b>-456.3</b>	<b>-1,580.3</b>	<b>152.2</b>
1 Goods, services, and primary income (2+5)	-1,550.0	-1,502.5	-1,241.4	-699.5	2.9	970.6	-1,554.8	-269.0	3,639.1	-844.7	-1,740.4	-319.4
1.1 Credit	17,919.6	19,062.3	19,278.0	19,628.8	20,800.4	22,912.3	3,690.6	5,828.5	9,040.7	4,352.5	3,799.0	6,057.3
1.2 Debit	19,469.5	20,564.8	20,519.4	20,328.3	20,797.5	21,941.7	5,245.3	6,097.5	5,401.6	5,197.2	5,539.4	6,376.7
2 Goods and services (3+4)	-151.1	-187.3	218.4	191.4	876.3	1,247.8	-1,344.6	143.0	3,293.6	-844.2	-1,365.2	86.7
2.1 Credit	17,006.7	18,109.7	18,315.0	18,764.3	19,982.0	21,952.7	3,370.5	5,506.8	8,670.1	4,405.2	3,547.8	5,696.4
2.2 Debit	17,157.7	18,297.0	18,096.6	18,572.9	19,105.7	20,704.9	4,715.2	5,363.8	5,376.5	5,249.4	4,913.0	5,609.7
3 Goods	-5,923.6	-6,382.0	-6,295.9	-6,587.1	-6,355.4	-6,659.0	-1,678.9	-1,768.7	-1,725.1	-1,486.3	-1,686.9	-1,917.2
3.1 Credit	8,057.9	8,742.5	8,673.3	8,924.0	9,760.8	10,697.8	2,332.5	2,734.5	2,767.7	2,863.2	2,486.9	2,818.3
3.2 Debit	13,981.5	15,124.5	14,969.1	15,511.1	16,116.3	17,356.8	4,011.4	4,503.2	4,492.8	4,349.4	4,173.8	4,735.5
4 Services	5,772.5	6,194.7	6,514.2	6,778.6	7,231.7	7,906.8	334.3	1,911.7	5,018.7	642.1	321.6	2,003.8
4.1 Credit	8,948.8	9,367.2	9,641.7	9,840.4	10,221.1	11,254.9	1,038.0	2,772.4	5,902.5	1,542.1	1,060.8	2,878.1
4.2 Debit	3,176.3	3,172.5	3,127.5	3,061.8	2,989.4	3,348.1	703.7	860.7	883.7	899.9	739.2	874.3
5 Primary income	-1,398.9	-1,315.3	-1,459.8	-891.0	-873.4	-277.2	-210.2	-412.0	345.5	-0.5	-375.2	-406.1
5.1 Credit	912.9	952.6	963.0	864.4	818.4	959.6	320.0	321.7	370.6	-52.7	251.2	360.9
5.2 Debit	2,311.8	2,267.9	2,422.7	1,755.4	1,691.8	1,236.8	530.2	733.7	25.1	-52.2	626.4	767.0
6 Secondary income	1,062.4	1,186.7	1,218.4	1,140.4	898.1	1,266.6	291.9	304.9	281.4	388.4	160.1	471.6
6.1 Credit	1,629.6	1,737.2	1,804.0	1,915.1	1,921.4	2,253.9	588.2	554.8	487.0	623.9	447.6	689.0
6.2 Debit	567.3	550.5	585.6	774.7	1,023.3	987.3	296.3	249.9	205.6	235.5	287.5	217.4
<b>B CAPITAL ACCOUNT</b>	<b>59.6</b>	<b>34.4</b>	<b>46.7</b>	<b>56.2</b>	<b>66.1</b>	<b>277.2</b>	<b>32.7</b>	<b>51.2</b>	<b>44.1</b>	<b>149.1</b>	<b>65.5</b>	<b>130.5</b>
<b>C FINANCIAL ACCOUNT</b>	<b>-1,343.0</b>	<b>-1,407.4</b>	<b>-432.6</b>	<b>-425.4</b>	<b>414.6</b>	<b>1,884.4</b>	<b>-918.6</b>	<b>177.2</b>	<b>2,629.8</b>	<b>-3.9</b>	<b>-1,194.7</b>	<b>612.0</b>
1 Direct investment	-820.7	-1,114.9	-1,231.3	-820.8	-797.1	-196.6	-264.6	-16.0	64.3	19.7	-469.6	-244.6
1.1 Assets	245.4	-97.3	-86.7	-110.8	1,596.4	-27.0	131.9	95.4	242.6	-497.0	53.5	-161.4
1.2 Liabilities	1,066.1	1,017.6	1,144.6	710.0	2,393.5	169.6	396.5	111.4	178.4	-516.7	523.1	83.2
2 Portfolio investment	-521.3	-646.8	-1,746.1	-1,926.5	718.2	-63.8	-387.2	-239.8	478.8	84.5	301.5	-199.7
2.1 Assets	287.9	-566.4	311.2	-94.2	404.7	237.3	68.4	-129.9	182.4	116.5	-66.8	-358.9
2.2 Liabilities	809.2	80.4	2,057.3	1,832.3	-313.5	301.1	455.6	109.9	-296.4	32.0	-368.3	-159.2
3 Financial derivatives	252.7	75.2	-39.4	40.9	35.8	-16.0	57.1	9.6	-30.6	-52.1	-41.5	-22.9
4 Other investment	-337.6	-121.5	2,538.4	436.9	987.6	1,415.4	-1,439.4	746.4	2,359.2	-250.8	-537.5	1,468.2
4.1 Assets	-689.2	-243.9	-605.5	-157.2	986.9	-159.1	-724.3	684.1	1,141.7	-1,260.5	-571.0	727.6
4.2 Liabilities	-351.6	-122.4	-3,143.8	-594.1	-0.7	-1,574.5	715.1	-62.3	-1,217.5	-1,009.7	-33.5	-740.6
5 Reserve assets	83.8	400.6	45.8	1,844.1	-529.9	745.3	1,115.4	-322.9	-242.0	194.8	-447.7	-388.9
<b>D NET ERRORS AND OMISSIONS</b>	<b>-915.0</b>	<b>-1,125.9</b>	<b>-456.3</b>	<b>-922.4</b>	<b>-552.5</b>	<b>-630.0</b>	<b>311.5</b>	<b>90.1</b>	<b>-1,334.8</b>	<b>303.2</b>	<b>320.1</b>	<b>329.3</b>

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. The implementation of the new methodology has no effect on the balances in the current and financial accounts of the balance of payments so that changes in these positions from previously published data are a result of the data revision for the purpose of quality and coverage control. <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), December 2010 (EUR -618.6m) and June 2014 (EUR 1,485.8m). <sup>c</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>d</sup> Revised data. <sup>e</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 credit institutions' 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. From 1993 until the end of 2013, the balance of payments was compiled in accordance with the methodology recommended by the International Monetary Fund in the fifth edition of its Balance of Payments Manual (BPM5), while starting from 2014, the balance of payments is compiled according to the sixth edition of that manual (BPM6). Also, with the beginning of the implementation of BPM6, the balance of payments historical data

for 2000–2013 have been revised in line with the new methodology.

Data sources include: 1) estimates and statistical research carried out by the Croatian National Bank; 2) special reports of the Croatian National Bank (International Transaction Reporting System (ITRS), monetary statistics, securities statistics and reserve assets); and 3) reports of the government institutions (Central Bureau of Statistics, Ministry of Finance, Croatian Institute for Health Insurance and Croatian Pension Insurance Administration).

Balance of payments of the Republic of Croatia data are

Table H2 Balance of payments – goods and services<sup>a</sup>  
in million EUR

	2010	2011	2012	2013	2014	2015 <sup>b</sup>	2015				2016	
							Q1 <sup>b</sup>	Q2 <sup>b</sup>	Q3 <sup>b</sup>	Q4 <sup>b</sup>	Q1 <sup>b</sup>	Q2 <sup>c</sup>
<b>Goods</b>	<b>-5,923.6</b>	<b>-6,382.0</b>	<b>-6,295.9</b>	<b>-6,587.1</b>	<b>-6,355.4</b>	<b>-6,659.0</b>	<b>-1,678.9</b>	<b>-1,768.7</b>	<b>-1,725.1</b>	<b>-1,486.3</b>	<b>-1,686.9</b>	<b>-1,917.2</b>
1 Credit	8,057.9	8,742.5	8,673.3	8,924.0	9,760.8	10,697.8	2,332.5	2,734.5	2,767.7	2,863.2	2,486.9	2,818.3
1.1 Exports (f.o.b.) in trade statistics	8,898.3	9,533.7	9,448.9	9,482.9	10,262.9	11,436.8	2,545.6	2,912.0	2,946.3	3,033.0	2,677.5	3,045.3
1.2 Adjustments for coverage	-873.7	-864.8	-968.0	-677.7	-625.3	-848.4	-244.7	-204.0	-203.7	-196.0	-205.8	-241.3
1.3 Net exports of goods under merchanting	26.4	25.2	12.6	12.2	17.4	15.6	3.6	4.2	3.3	4.4	3.2	3.6
1.4 Non-monetary gold	6.9	48.4	179.7	106.6	105.8	93.8	28.0	22.3	21.7	21.8	12.1	10.7
2 Debit	13,981.5	15,124.5	14,969.1	15,511.1	16,116.3	17,356.8	4,011.4	4,503.2	4,492.8	4,349.4	4,173.8	4,735.5
2.1 Imports (c.i.f.) in trade statistics	15,132.5	16,280.9	16,213.7	16,527.0	17,105.6	18,475.5	4,261.7	4,780.8	4,817.6	4,615.3	4,449.6	5,060.3
2.2 Adjustments for coverage	-451.6	-438.6	-512.3	-270.3	-238.9	-289.0	-58.8	-62.5	-108.8	-58.9	-75.7	-97.4
2.3 Adjustments for classification	-703.9	-718.1	-732.9	-746.5	-774.2	-836.2	-192.9	-216.8	-217.9	-208.6	-201.8	-228.6
2.4 Non-monetary gold	4.5	0.3	0.7	0.9	23.8	6.5	1.4	1.6	1.8	1.6	1.7	1.2
<b>Services</b>	<b>5,772.5</b>	<b>6,194.7</b>	<b>6,514.2</b>	<b>6,778.6</b>	<b>7,231.7</b>	<b>7,906.8</b>	<b>334.3</b>	<b>1,911.7</b>	<b>5,018.7</b>	<b>642.1</b>	<b>321.6</b>	<b>2,003.8</b>
1 Manufacturing services on physical inputs owned by others	158.8	192.1	192.3	188.3	225.1	246.4	72.8	66.0	55.1	52.5	57.1	62.5
1.1 Credit	243.4	252.4	271.7	220.4	237.5	261.8	76.1	70.2	57.7	57.8	61.9	69.7
1.2 Debit	84.6	60.4	79.4	32.2	12.4	15.4	3.3	4.2	2.6	5.3	4.8	7.1
2 Transport	316.5	277.6	267.6	250.9	297.2	286.6	39.4	67.3	120.8	59.0	40.4	89.1
2.1 Credit	999.1	977.8	966.6	934.4	999.1	1,018.1	203.9	263.2	312.5	238.5	205.3	279.9
2.2 Debit	682.6	700.1	699.0	683.5	701.9	731.5	164.5	196.0	191.7	179.4	164.9	190.8
3 Travel	5,600.8	5,984.4	6,136.1	6,522.5	6,767.1	7,279.5	219.9	1,748.7	4,814.9	496.0	244.8	1,843.8
3.1 Credit	6,230.0	6,616.8	6,858.0	7,202.4	7,401.7	7,961.2	336.3	1,953.2	5,008.1	663.5	387.0	2,056.1
3.1.1 Business	236.6	225.4	233.1	225.5	194.0	219.4	34.5	88.0	54.3	42.6	33.3	74.4
3.1.2 Personal	5,993.4	6,391.4	6,624.9	6,976.9	7,207.7	7,741.8	301.9	1,865.2	4,953.8	620.9	353.7	1,981.7
3.2 Debit	629.2	632.4	722.0	679.8	634.6	681.7	116.4	204.5	193.3	167.5	142.2	212.3
3.2.1 Business	180.6	183.6	224.6	211.6	180.4	202.2	32.9	56.7	50.8	61.8	44.4	69.8
3.2.2 Personal	448.6	448.8	497.4	468.2	454.2	479.5	83.5	147.8	142.5	105.7	97.8	142.6
4 Other services	-303.6	-259.3	-81.8	-183.2	-57.6	94.4	2.2	29.7	27.9	34.6	-20.7	8.4
4.1 Credit	1,476.3	1,520.2	1,545.4	1,483.2	1,582.8	2,013.9	421.7	485.7	524.1	582.3	406.6	472.5
4.2 Debit	1,779.9	1,779.5	1,627.2	1,666.3	1,640.5	1,919.5	419.6	456.0	496.2	547.7	427.4	464.0
o/w: FISIM	-194.9	-263.7	-133.2	-201.1	-138.0	-160.1	-38.7	-37.8	-44.1	-39.5	-43.8	-46.4
Credit	-20.4	-8.5	-4.1	-4.3	8.9	7.6	0.7	4.9	0.1	1.8	2.4	2.0
Debit	174.6	255.2	129.1	196.9	146.9	167.7	39.4	42.8	44.2	41.3	46.3	48.4

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> Revised data. <sup>c</sup> Preliminary data.

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:

- 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. With the accession of the Republic of Croatia to the European Union on 1 July 2013, data on the foreign trade in goods of the Republic of Croatia are obtained from two different sources: Intrastat forms for collecting statistics on the trade in goods between EU member states (Intrastat) and the Single Administration Document for collecting statistics on the trade in goods with non-EU member states (Extrastat). These data are adjusted, in accordance with the recommended compilation method, for coverage and classification. Therefore, in line with the methodology, 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. was until 2007 estimated on the basis of research studies of the CNB on the stratified sample of importers. The resulting value served 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

Table H3 Balance of payments – primary and secondary income<sup>a</sup>  
in million EUR

	2010	2011	2012	2013	2014	2015 <sup>b</sup>	2015				2016	
							Q1 <sup>b</sup>	Q2 <sup>b</sup>	Q3 <sup>b</sup>	Q4 <sup>b</sup>	Q1 <sup>b</sup>	Q2 <sup>c</sup>
<b>Primary income</b>	<b>-1,398.9</b>	<b>-1,315.3</b>	<b>-1,459.8</b>	<b>-891.0</b>	<b>-873.4</b>	<b>-277.2</b>	<b>-210.2</b>	<b>-412.0</b>	<b>345.5</b>	<b>-0.5</b>	<b>-375.2</b>	<b>-406.1</b>
1 Compensation of employees	620.8	635.1	711.4	713.7	716.6	907.3	201.2	227.2	235.9	243.0	202.8	267.4
1.1 Credit	657.1	673.6	749.9	758.7	750.1	937.3	208.1	237.7	242.0	249.5	205.9	271.2
1.2 Debit	36.3	38.5	38.6	45.1	33.5	30.0	6.9	10.6	6.0	6.5	3.0	3.8
2 Direct investment income	-1,088.6	-955.3	-1,008.6	-587.9	-460.6	-51.8	-126.3	-341.8	372.0	44.3	-314.6	-397.4
2.1 Credit	84.5	59.6	-22.0	-113.3	-156.5	-203.0	64.4	31.3	49.4	-348.1	-8.1	35.7
2.1.1 Dividends and withdrawals from income of quasi-corporations	66.1	43.9	29.0	26.5	27.7	31.7	8.2	9.4	12.0	2.0	11.6	17.0
2.1.2 Reinvested earnings	7.3	-7.4	-70.8	-163.5	-212.0	-263.0	48.9	14.8	30.3	-356.9	-26.1	12.7
2.1.3 Income on debt (interest)	11.1	23.2	19.8	23.7	27.8	28.4	7.4	7.1	7.2	6.7	6.4	6.0
2.2 Debit	1,173.1	1,014.9	986.6	474.6	304.1	-151.2	190.7	373.1	-322.6	-392.4	306.5	433.1
2.2.1 Dividends and withdrawals from income of quasi-corporations	427.1	520.0	542.0	598.0	329.1	477.1	79.2	374.2	3.0	20.7	28.9	174.9
2.2.2 Reinvested earnings	530.5	279.2	255.2	-297.5	-187.7	-803.2	67.4	-46.6	-371.2	-452.8	241.6	221.7
2.2.3 Income on debt (interest)	215.5	215.6	189.4	174.1	162.6	174.9	44.2	45.5	45.6	39.7	36.0	36.6
3 Portfolio investment income	-304.0	-352.2	-495.4	-611.2	-690.9	-759.2	-182.8	-206.5	-175.5	-194.4	-191.9	-195.3
3.1 Credit	41.2	49.4	35.7	43.0	46.3	64.5	7.5	8.8	37.5	10.7	10.2	21.2
3.2 Debit	345.1	401.6	531.0	654.3	737.2	823.7	190.3	215.4	213.0	205.1	202.1	216.5
4 Other investment income	-690.0	-754.7	-816.1	-537.9	-573.1	-498.1	-133.4	-126.9	-118.3	-119.5	-107.1	-107.8
4.1 Credit	67.3	58.2	50.4	43.6	43.9	36.0	8.8	7.8	10.3	9.1	7.7	5.7
4.2 Debit	757.3	812.8	866.5	581.5	617.0	534.2	142.3	134.6	128.6	128.6	114.8	113.5
5 Reserve assets income	62.8	111.8	148.9	132.4	134.6	124.7	31.2	36.1	31.3	26.1	35.6	27.0
5.1 Credit	62.8	111.8	148.9	132.4	134.6	124.7	31.2	36.1	31.3	26.1	35.6	27.0
5.2 Debit	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>Secondary income</b>	<b>1,062.4</b>	<b>1,186.7</b>	<b>1,218.4</b>	<b>1,140.4</b>	<b>898.1</b>	<b>1,266.6</b>	<b>291.9</b>	<b>304.9</b>	<b>281.4</b>	<b>388.4</b>	<b>160.1</b>	<b>471.6</b>
1 General government	-65.4	-85.5	-99.9	-265.6	-556.9	-488.6	-198.1	-129.5	-72.9	-88.0	-165.7	-92.4
1.1 Credit	279.0	220.7	211.5	254.0	178.3	183.5	20.5	44.8	51.1	67.1	39.0	53.5
1.2 Debit	344.4	306.2	311.3	519.5	735.2	672.0	218.6	174.2	124.1	155.1	204.7	145.9
2 Other sectors	1,127.8	1,272.2	1,318.2	1,406.0	1,455.0	1,755.1	490.0	434.3	354.3	476.4	325.8	564.1
2.1 Credit	1,350.6	1,516.5	1,592.5	1,661.2	1,743.0	2,070.4	567.7	510.0	435.9	556.8	408.6	635.6
2.2 Debit	222.8	244.3	274.2	255.2	288.0	315.3	77.7	75.7	81.5	80.4	82.8	71.5

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> Revised data. <sup>c</sup> Preliminary data.

CBS Report, was 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. It should be noted that with the implementation of BPM6, repairs of goods are no longer included in goods imports and exports, but become part of the services account. Data series from 2000 onwards have also been revised accordingly. The treatment of fuel and other goods included in the supply of foreign transport equipment in Croatia or of domestic transport equipment abroad remains unchanged,

i.e. within goods exports and imports.

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). This treatment is also in compliance with BPM6.

It should be said that, contrary to BPM5, data series from 2000 onwards, which follows the methodology of BPM6, covers only goods involving a change in ownership between residents and non-residents. In other words, goods imported and exported for the purpose of finishing, treatment or processing are no longer included in the trade in goods data. Starting from 2014, imports and exports of goods for cross-border processing are monitored by the CNB under a special statistical research since, for the balance of payments purposes, the goods which do not involve a change in ownership are excluded from the CBS data on the foreign trade in goods of the Republic of Croatia. The results of this statistical research are compared and supplemented by CBS data on imports and exports of goods which do



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

	2010	2011	2012	2013	2014 <sup>d</sup>	2015 <sup>d</sup>	2015				2016	
							Q1 <sup>d</sup>	Q2 <sup>d</sup>	Q3 <sup>d</sup>	Q4 <sup>d</sup>	Q1 <sup>d</sup>	Q2 <sup>e</sup>
<b>Direct investment</b>	<b>-820.7</b>	<b>-1,114.9</b>	<b>-1,231.3</b>	<b>-820.8</b>	<b>-797.1</b>	<b>-196.6</b>	<b>-264.6</b>	<b>-16.0</b>	<b>64.3</b>	<b>19.7</b>	<b>-469.6</b>	<b>-244.6</b>
1 Net acquisition of financial assets	245.4	-97.3	-86.7	-110.8	1,596.4	-27.0	131.9	95.4	242.6	-497.0	53.5	-161.4
1.1 Equity	-161.0	-54.9	106.1	62.4	1,589.7	395.3	96.7	14.3	196.2	88.1	33.8	-123.2
1.1.1 In direct investment enterprises	-280.8	-129.2	105.6	56.0	1,590.1	392.9	96.7	15.1	196.2	84.9	33.8	66.4
1.1.2 In direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.3 Between fellow enterprises	119.8	74.3	0.5	6.4	-0.4	2.4	0.0	-0.8	0.0	3.2	0.0	-189.6
1.2 Reinvested earnings	7.3	-7.4	-70.8	-163.5	-212.0	-263.0	48.9	14.8	30.3	-356.9	-26.1	12.7
1.3 Debt instruments	399.1	-35.0	-122.0	-9.8	218.6	-159.2	-13.6	66.3	16.2	-228.1	45.8	-50.9
1.3.1 In direct investment enterprises	386.0	-15.1	-115.5	-40.3	159.7	60.7	2.2	19.8	-8.4	47.1	10.9	14.5
1.3.2 In direct investor (reverse investment)	13.1	-19.9	-6.5	30.5	41.6	-6.5	-20.7	0.6	-6.8	20.4	34.1	11.6
1.3.3 Between fellow enterprises	0.0	0.0	0.0	0.0	17.3	-213.4	4.9	46.0	31.3	-295.5	0.9	-77.0
2 Net incurrence of liabilities	1,066.1	1,017.6	1,144.6	710.0	2,393.5	169.6	396.5	111.4	178.4	-516.7	523.1	83.2
2.1 Equity	262.0	1,837.4	777.8	630.1	2,185.2	1,924.6	146.7	73.7	677.1	1,027.1	90.5	193.4
2.1.1 In direct investment enterprises	262.0	1,837.4	772.8	630.1	2,185.2	1,920.7	146.7	73.7	674.2	1,026.1	90.5	193.4
2.1.2 In direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.3 Between fellow enterprises	0.0	0.0	5.0	0.0	0.0	3.9	0.0	0.0	2.9	1.0	0.0	0.0
2.2 Reinvested earnings	530.5	279.2	255.2	-297.5	-187.7	-803.2	67.4	-46.6	-371.2	-452.8	241.6	221.7
2.3 Debt instruments	273.7	-1,099.0	111.6	377.3	396.0	-951.8	182.4	84.4	-127.6	-1,091.0	191.0	-331.8
2.3.1 In direct investment enterprises	-160.9	-906.1	-215.1	115.9	259.8	17.6	107.6	104.7	-142.9	-51.8	35.2	-95.5
2.3.2 In direct investor (reverse investment)	180.8	-179.9	-13.5	-14.9	96.1	-22.5	25.5	-90.5	30.7	11.9	106.8	-52.8
2.3.3 Between fellow enterprises	253.8	-13.0	340.2	276.4	40.0	-946.9	49.3	70.1	-15.3	-1,051.0	49.0	-183.5
<b>Portfolio investment</b>	<b>-521.3</b>	<b>-646.8</b>	<b>-1,746.1</b>	<b>-1,926.5</b>	<b>718.2</b>	<b>-63.8</b>	<b>-387.2</b>	<b>-239.8</b>	<b>478.8</b>	<b>84.5</b>	<b>301.5</b>	<b>-199.7</b>
1 Net acquisition of financial assets	287.9	-566.4	311.2	-94.2	404.7	237.3	68.4	-129.9	182.4	116.5	-66.8	-358.9
1.1 Equity securities	393.9	42.6	123.2	15.0	105.4	305.0	38.2	29.1	175.1	62.6	-45.4	-112.6
1.1.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.2 Other monetary financial institutions	-4.3	12.1	0.3	-5.1	-2.2	2.2	0.3	2.2	-0.8	0.6	1.2	-27.0
1.1.3 Other sectors	398.1	30.5	122.9	20.1	107.6	302.8	37.9	26.9	175.9	62.0	-46.6	-85.6
1.2 Debt securities	-105.9	-608.9	188.1	-109.2	299.3	-67.6	30.2	-159.0	7.3	53.8	-21.3	-246.3
1.2.1 Long-term	-263.9	-345.2	293.0	-198.0	578.8	49.3	73.6	-122.2	28.3	69.6	3.7	-211.2
1.2.1.1 General government	1.5	0.0	0.7	0.0	0.0	-1.2	0.0	0.0	-1.3	0.0	0.0	0.0
1.2.1.2 Other monetary financial institutions	-167.3	-343.0	267.8	-260.6	458.0	26.2	-14.0	-15.1	-54.0	109.4	-9.6	-237.1
1.2.1.3 Other sectors	-98.1	-2.1	24.4	62.5	120.9	24.3	87.6	-107.1	83.5	-39.7	13.3	25.9
1.2.2 Short-term	157.9	-263.8	-104.9	88.8	-279.5	-117.0	-43.4	-36.8	-21.0	-15.8	-25.1	-35.2
1.2.2.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2.2.2 Other monetary financial institutions	124.3	-300.3	-22.3	82.7	-278.9	-110.9	-42.0	-34.1	-19.0	-15.8	-25.1	-35.3
1.2.2.3 Other sectors	33.6	36.6	-82.6	6.2	-0.6	-6.1	-1.4	-2.7	-2.0	0.0	0.0	0.1
2 Net incurrence of liabilities	809.2	80.4	2,057.3	1,832.3	-313.5	301.1	455.6	109.9	-296.4	32.0	-368.3	-159.2
2.1 Equity securities	138.0	7.3	-115.5	-41.3	-27.7	12.1	10.7	20.3	-6.9	-12.0	0.9	1.2
2.1.1 Other monetary financial institutions	-0.2	-1.6	-1.8	0.0	2.6	-0.5	-0.7	-0.1	0.0	0.3	0.2	1.0
2.1.2 Other sectors	138.2	9.0	-113.7	-41.3	-30.3	12.5	11.5	20.4	-6.9	-12.3	0.7	0.2
2.2 Debt securities	671.2	73.1	2,172.8	1,873.6	-285.9	289.0	444.9	89.7	-289.5	44.0	-369.2	-160.4
2.2.1 Long-term	374.7	385.1	2,213.6	1,921.6	-324.2	320.8	487.5	75.9	-292.5	49.9	-386.2	-150.0
2.2.1.1 General government	368.0	296.7	967.3	1,949.2	137.7	293.8	497.6	76.0	-287.0	7.2	-358.3	-158.3
2.2.1.2 Other monetary financial institutions	-0.2	-7.0	7.0	-5.2	-1.3	-0.5	0.2	0.0	3.6	-4.3	4.7	0.1
2.2.1.3 Other sectors	6.9	95.4	1,239.2	-22.4	-460.6	27.6	-10.3	-0.1	-9.0	47.0	-32.6	8.2
2.2.2 Short-term	296.5	-312.0	-40.7	-48.0	38.4	-31.8	-42.6	13.8	3.0	-5.9	17.1	-10.3
2.2.2.1 General government	296.5	-312.1	-40.7	-47.8	13.9	-75.3	-47.0	-12.3	-14.5	-1.5	16.2	-22.3
2.2.2.2 Other monetary financial institutions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.2.3 Other sectors	0.0	0.1	0.0	-0.1	24.5	43.5	4.4	26.1	17.4	-4.4	0.8	12.0

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <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), December 2010 (EUR -618.6m) and June 2014 (EUR 1,485.8m). <sup>c</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>d</sup> Revised data. <sup>e</sup> Preliminary data.

not involve a change in ownership.

BPM6 changes the treatment of personal property carried by persons who change residence. Such transfers of goods are not included in the BOP statistics under BPM6 in line with the criteria that ownership of goods remains unchanged. Under BPM5, this was recorded under imports/exports of goods and capital transfers.

Under BPM5, goods under merchanting were recorded in the balance of payments on a net basis within Other business services. Under BPM6 they are recorded on a gross basis as a separate item in the Goods account. Merchanting includes the value of the goods that are traded without crossing the customs border of the merchant and are instead bought and then sold abroad. The acquisition of goods by merchants is shown as a negative export of the economy of the merchant, while the sale of goods is shown as a positive export of the economy of the merchant. It is possible that net exports of goods under merchanting are negative in a certain period. Merchanting is recorded at transaction prices, rather than f.o.b. values and only in the economy of the merchant. Starting from 1 January 2011, data on the net value and commissions and other income from merchanting are collected through a statistical research on revenue and expenditure on foreign trade in services. As BPM6 recommends reporting on a gross basis, the survey questionnaire used in the research has been adjusted to a gross basis starting from 2014.

Under BPM6 non-monetary gold is shown separately from other goods because of its special role in financial markets.

Transportation, travel and other services are reported separately under the services 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 Statistical research on 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 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 payments items. Starting from the first quarter of 2012, the balance of payments data on revenues from services rendered

to foreign travellers and tourists are not computed using the standard methodological combination of volume indicators and estimated average consumption 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 principal 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-28).

Other services position is compiled by using different data sources: apart from revenues and expenditures related to insurance services and 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 the reporting by transaction types 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.

With the transition to BPM6, the services account includes also manufacturing services on goods owned by others, the most important part of which is processing of goods. In addition, it also covers assembly, labelling, packing and similar services undertaken by entities that do not own the goods concerned. Under BPM6, the balance of payments includes only the net value of the service, including a fee related to finishing, and not the value of the goods themselves. Such services are monitored in the Survey on foreign trade in services (US-PB) starting from 2011. As of 2014, a separate statistical research was introduced to monitor imports and exports of goods for finishing and processing and the related services. CBS data on imports and exports of goods are used to identify enterprises that receive/provide processing services.

With the application of BPM6, maintenance and repair services are included in Services and are no longer a part of the goods account. Starting from 2011, these services are monitored separately in the Statistical research on revenue and expenditure on foreign trade in services.

A novelty introduced under BPM6 with regard to financial services is the inclusion of financial intermediation services indirectly measured (FISIM), which means that a part of investment income is reclassified from Primary income to Services. It involves income of financial institutions which exceeds the reference interest rate. The reference rate is the rate that contains no service element; the rate prevailing for interbank borrowing and lending is a suitable choice as a reference rate. FISIM for loans is the margin between lending rate and funding costs calculated on the basis of the reference rate. For deposits, FISIM is the margin between the interest rate calculated on the basis of the reference rate and the interest payable to depositors. BPM6 takes into account only FISIM of financial corporations and only on loans and deposits in their balance sheets (money market funds and investment funds do not produce FISIM). In our case, FISIM is calculated in full conformity with international methodology.

Table H5 Balance of payments – other investment<sup>a,b</sup>  
in million EUR

	2010	2011	2012	2013	2014	2015 <sup>c</sup>	2015				2016	
							Q1 <sup>c</sup>	Q2 <sup>c</sup>	Q3 <sup>c</sup>	Q4 <sup>c</sup>	Q1 <sup>c</sup>	Q2 <sup>d</sup>
Other investment (net)	-337.6	-121.5	2,538.4	436.9	987.6	1,415.4	-1,439.4	746.4	2,359.2	-250.8	-537.5	1,468.2
1 Assets	-689.2	-243.9	-605.5	-157.2	986.9	-159.1	-724.3	684.1	1,141.7	-1,260.5	-571.0	727.6
1.1 Other equity	0.0	0.7	0.8	26.8	26.9	26.9	0.2	0.0	0.0	26.8	1.3	0.0
1.2 Currency and deposits	-505.4	-326.8	-336.5	-334.2	942.5	-493.9	-883.5	763.6	965.2	-1,339.2	-477.9	508.0
1.2.1 General government	0.0	0.0	2.1	2.5	122.2	-69.3	-8.1	-21.6	-25.8	-13.8	20.0	-48.1
1.2.2 Other monetary financial institutions	-417.0	-522.0	-421.0	-129.0	532.3	4.8	-740.8	510.9	1,390.3	-1,155.7	-425.3	508.0
1.2.3 Other sectors	-88.5	195.1	82.3	-207.6	288.0	-429.4	-134.7	274.3	-399.3	-169.7	-72.5	48.1
1.3 Loans	105.2	-42.6	66.8	84.4	111.5	235.2	-18.4	26.2	56.5	170.9	-125.5	-82.6
1.3.1 General government	0.0	0.0	0.0	0.0	-0.3	15.7	-0.5	-1.5	14.0	3.8	3.3	-0.7
1.3.1.1 Long-term	0.0	0.0	0.0	0.0	-0.3	15.7	-0.5	-1.5	14.0	3.8	3.3	-0.7
1.3.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3.2 Other monetary financial institutions	85.5	-51.0	36.8	2.9	61.8	219.5	-16.9	21.7	38.9	175.7	-133.1	-86.0
1.3.2.1 Long-term	63.3	-10.4	-52.9	57.2	-21.3	36.5	-2.5	18.8	12.3	7.9	-14.4	4.6
1.3.2.2 Short-term	22.2	-40.6	89.7	-54.3	83.1	183.0	-14.3	2.9	26.7	167.7	-118.7	-90.6
1.3.3 Other sectors	19.7	8.4	29.9	81.6	50.0	0.0	-1.0	5.9	3.7	-8.5	4.3	4.2
1.3.3.1 Long-term	-17.4	34.6	9.9	71.4	56.3	1.3	1.7	-0.2	5.6	-5.8	3.2	2.3
1.3.3.2 Short-term	37.1	-26.1	20.1	10.2	-6.3	-1.3	-2.7	6.2	-2.0	-2.7	1.1	1.9
1.4 Trade credit and advances	-289.0	124.3	-352.3	67.3	-89.7	69.8	179.6	-142.5	148.1	-115.4	-55.5	114.3
1.4.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4.2 Other sectors	-289.0	124.3	-352.3	67.3	-89.7	69.8	179.6	-142.5	148.1	-115.4	-55.5	114.3
1.4.2.1 Long-term	-22.2	-2.9	-0.2	-2.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4.2.2 Short-term	-266.8	127.3	-352.1	69.8	-90.2	69.8	179.6	-142.5	148.1	-115.4	-55.5	114.3
1.5 Other assets	0.0	0.5	15.8	-1.5	-4.4	2.9	-2.1	36.8	-28.1	-3.7	86.6	187.9
1.5.1 Central bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.9	165.2
1.5.2 Other monetary financial institutions	0.0	0.5	15.8	-1.5	-4.4	2.9	-2.1	36.8	-28.1	-3.7	-6.3	22.8
2 Liabilities	-351.6	-122.4	-3,143.8	-594.1	-0.7	-1,574.5	715.1	-62.3	-1,217.5	-1,009.7	-33.5	-740.6
2.1 Other equity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2 Currency and deposits	-9.3	915.2	-1,973.8	1.7	-460.7	-865.3	162.5	-98.3	-460.3	-469.2	-368.1	-53.8
2.2.1 Central bank	0.0	-1.0	0.0	83.8	-0.7	-34.5	55.4	-89.5	-4.9	4.3	-1.2	-13.0
2.2.2 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2.3 Other monetary financial institutions	-9.3	916.2	-1,973.8	-82.1	-460.0	-830.8	107.0	-8.8	-455.4	-473.5	-366.9	-40.8
2.2.4 Other sectors	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3 Loans	-412.1	-664.0	-1,396.0	-784.4	168.3	-604.5	464.1	-190.8	-812.2	-65.5	-350.6	-689.6
2.3.1 Central bank	0.0	0.0	0.0	0.0	0.0	1,215.3	641.9	183.0	-264.0	654.3	215.9	-401.5
2.3.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3.1.1.1 Drawings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3.1.1.2 Repayments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	1,215.3	641.9	183.0	-264.0	654.3	215.9	-401.5
2.3.2 General government	98.5	161.7	95.5	285.4	261.4	-408.6	43.8	-246.6	-186.5	-19.3	-156.8	-20.9
2.3.2.1 Long-term	279.3	161.7	100.1	86.3	461.3	-408.4	44.0	-246.6	-186.5	-19.3	-156.8	-20.9
2.3.2.1.1 Drawings	824.1	859.3	707.6	831.2	1,363.2	470.1	144.3	54.4	73.8	197.6	135.8	268.4
2.3.2.1.2 Repayments	544.9	697.5	607.5	744.9	901.9	878.5	100.3	301.0	260.2	217.0	292.6	289.4
2.3.2.2 Short-term	-180.7	0.0	-4.6	199.1	-199.8	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0
2.3.3 Other monetary financial institutions	-161.0	-34.7	-291.6	-522.9	-585.2	-1,399.2	-314.5	-72.0	-180.0	-832.7	-12.1	-308.1
2.3.3.1 Long-term	-292.9	385.7	-282.6	-568.8	-436.9	-1,041.4	-291.5	-6.1	71.1	-815.0	-78.2	-318.0
2.3.3.1.1 Drawings	879.8	1,108.0	729.1	408.4	709.1	647.7	340.3	67.0	129.0	111.3	33.5	16.8
2.3.3.1.2 Repayments	1,172.8	722.2	1,011.7	977.2	1,146.0	1,689.1	631.8	73.1	57.9	926.3	111.8	334.8
2.3.3.2 Short-term	132.0	-420.4	-9.0	46.0	-148.3	-357.8	-23.0	-66.0	-251.1	-17.7	66.2	9.9
2.3.4 Other sectors	-349.6	-791.0	-1,199.8	-547.0	492.1	-11.9	92.8	-55.1	-181.8	132.2	-397.7	40.9
2.3.4.1 Long-term	-935.9	-1,283.7	-1,718.1	-605.5	145.0	-117.9	108.1	-97.5	-252.4	123.9	-373.0	-5.2

	2010	2011	2012	2013	2014	2015 <sup>c</sup>	2015				2016	
							Q1 <sup>c</sup>	Q2 <sup>c</sup>	Q3 <sup>c</sup>	Q4 <sup>c</sup>	Q1 <sup>c</sup>	Q2 <sup>d</sup>
2.3.4.1.1 Drawings	4,190.1	2,580.1	3,244.6	4,231.6	4,616.9	3,801.9	1,041.9	840.9	864.0	1,055.0	849.9	1,136.7
2.3.4.1.2 Repayments	5,126.0	3,863.8	4,962.7	4,837.1	4,471.9	3,919.8	933.8	938.5	1,116.4	931.2	1,222.9	1,141.9
2.3.4.2 Short-term	586.2	492.7	518.2	58.6	347.1	106.0	-15.3	42.4	70.6	8.3	-24.7	46.0
2.4 Trade credit and advances	58.7	-473.2	337.3	155.1	6.6	80.7	167.9	144.8	18.2	-250.3	326.0	247.5
2.4.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4.2 Other sectors	58.7	-473.2	337.3	155.1	6.6	80.7	167.9	144.8	18.2	-250.3	326.0	247.5
2.4.2.1 Long-term	-25.3	-147.5	-34.9	-7.7	-18.8	40.9	39.5	-29.9	28.4	2.9	39.3	102.9
2.4.2.2 Short-term	84.0	-325.8	372.3	162.9	25.4	39.8	128.4	174.7	-10.2	-253.2	286.7	144.5
2.5 Other liabilities	11.0	99.6	-111.4	33.5	285.0	-185.4	-79.4	82.0	36.7	-224.7	359.3	-244.6
2.6 SDRs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>c</sup> Revised data. <sup>d</sup> Preliminary data.

Some other changes introduced by BPM6: postal and courier services have been reclassified from communication to transport (the valuation principle remains the same), while telecommunications services become part of telecommunications, computer and information services, also without a change in the valuation principle. In addition, merchanting services on a gross basis are moved to the Goods account.

Transactions in the income account are classified into four main groups. Under BPM6, the income account has become the primary income account.

Compensation of employees item was compiled on the basis of the ITRS until the end of 2010, when the reporting by transaction types 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 the expenditures side, the existing surveys on services are used, containing a part which relates to compensation of employees paid to non-residents and a separate survey on income paid to non-residents for institutions not included in the survey sample.

Income from direct investment, portfolio investment and other investment is reported separately. Data on reinvested earnings are reported separately, under direct investment income, calculated on the basis of the CNB Statistical research on direct and other equity investment. In contrast to data on dividends, data on reinvested earnings 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. 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. A novelty introduced by BPM6 is that it distinguishes three types of direct investment income:

- direct investor's investment in direct investment enterprise;
- reverse investment (refers to liabilities of direct investors to their direct investment enterprises and claims of direct investment enterprises on their direct investors), and
- investments between fellow enterprises (investment income flows between all fellow enterprises that belong to the same

direct investor).

One should bear in mind that dividends, withdrawals from income of quasi-corporations, and interest can apply for any of these types of investment income. There are no reinvested earnings on reverse investments and investments between fellow enterprises because the 10% equity threshold has not been met.

BPM6 introduces a term of "superdividends". Superdividends are described as payments by corporations to their shareholders that are not a result of regular business activities over the business year for which regular dividends are paid out. By definition, superdividends are most similar to payments to shareholders based on reinvested earnings from the previous years. Such payments should be treated as withdrawals of equity, and should not be recorded in the primary income account. This principle has been applied for some time in Croatia so that the implementation of BPM6 has not led to changes in the statistical treatment of such payments.

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 income 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. A novelty introduced by BPM6 is reporting on investment income attributable to investment fund shareholders – dividends and reinvested earnings, with a counterpart in the financial account. This introduces the principle of acquired income in this part as well. Such income is not yet estimated due to the lack of all necessary data. Under the methodology, income on equity securities continues to include only dividends, while estimate of reinvested earnings for this type of income is not envisaged.

According to BPM6, interest is reported without FISIM, while the value of FISIM is presented within financial services. Income on reserve assets is shown separately under BPM6, while under BPM5 it was presented within income on other investment.

Secondary income (Current transfers under BPM5) is

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

in million HRK

	2010	2011	2012	2013	2014	2015 <sup>d</sup>	2015				2016	
							Q1 <sup>d</sup>	Q2 <sup>d</sup>	Q3 <sup>d</sup>	Q4 <sup>d</sup>	Q1 <sup>d</sup>	Q2 <sup>e</sup>
<b>A CURRENT ACCOUNT (1+6)</b>	<b>-4,064.0</b>	<b>-2,623.7</b>	<b>-601.3</b>	<b>3,191.5</b>	<b>6,783.6</b>	<b>16,688.0</b>	<b>-9,706.9</b>	<b>213.2</b>	<b>29,656.4</b>	<b>-3,474.7</b>	<b>-12,075.6</b>	<b>1,162.2</b>
1 Goods, services, and primary income (2+5)	-11,774.5	-11,445.7	-9,762.3	-5,441.7	-69.3	7,048.5	-11,950.6	-2,095.2	27,526.1	-6,431.8	-13,295.0	-2,375.7
1.1 Credit	130,363.2	141,747.0	144,778.6	148,363.2	158,566.9	174,121.7	28,348.9	44,193.8	68,423.5	33,155.5	28,989.7	45,428.2
1.2 Debit	142,137.8	153,192.7	154,540.9	153,804.9	158,636.2	167,073.2	40,299.6	46,289.0	40,897.4	39,587.3	42,284.6	47,803.9
2 Goods and services (3+4)	-1,312.1	-1,381.1	1,492.2	1,286.3	6,576.1	9,183.5	-10,337.8	1,029.8	24,918.5	-6,427.0	-10,436.4	668.3
2.1 Credit	123,705.9	134,652.7	137,534.2	141,829.6	152,330.2	166,834.6	25,892.9	41,757.5	65,625.8	33,558.4	27,078.5	42,720.6
2.2 Debit	125,018.0	136,033.9	136,042.0	140,543.3	145,754.1	157,651.2	36,230.8	40,727.7	40,707.3	39,985.4	37,514.9	42,052.3
3 Goods	-43,158.8	-47,447.8	-47,339.8	-49,798.6	-48,485.3	-50,731.1	-12,901.7	-13,442.5	-13,066.2	-11,320.6	-12,882.8	-14,367.9
3.1 Credit	58,715.9	64,996.9	65,193.8	67,554.0	74,460.6	81,450.6	17,925.4	20,766.8	20,951.3	21,807.1	19,002.9	21,125.9
3.2 Debit	101,874.7	112,444.7	112,533.6	117,352.6	122,945.9	132,181.8	30,827.1	34,209.4	34,017.5	33,127.8	31,885.6	35,493.9
4 Services	41,846.7	46,066.7	48,832.1	51,084.9	55,061.4	59,914.6	2,563.9	14,472.3	37,984.8	4,893.6	2,446.4	15,036.2
4.1 Credit	64,990.0	69,655.8	72,340.4	74,275.7	77,869.6	85,384.0	7,967.5	20,990.7	44,674.6	11,751.2	8,075.6	21,594.6
4.2 Debit	23,143.3	23,589.1	23,508.4	23,190.8	22,808.2	25,469.4	5,403.7	6,518.4	6,689.8	6,857.6	5,629.2	6,558.4
5 Primary income	-10,462.5	-10,064.6	-11,254.5	-6,728.0	-6,645.4	-2,135.0	-1,612.8	-3,124.9	2,607.6	-4.8	-2,858.6	-3,044.0
5.1 Credit	6,657.3	7,094.3	7,244.4	6,533.5	6,236.7	7,287.1	2,456.0	2,436.3	2,797.7	-402.9	1,911.1	2,707.6
5.2 Debit	17,119.8	17,158.9	18,498.9	13,261.5	12,882.1	9,422.1	4,068.8	5,561.3	190.1	-398.1	4,769.8	5,751.6
6 Secondary income	7,710.6	8,822.0	9,161.0	8,633.2	6,852.9	9,639.5	2,243.8	2,308.3	2,130.3	2,957.1	1,219.4	3,537.9
6.1 Credit	11,817.4	12,916.4	13,562.0	14,504.5	14,662.8	17,159.1	4,519.9	4,201.2	3,686.6	4,751.4	3,408.9	5,168.6
6.2 Debit	4,106.9	4,094.4	4,401.0	5,871.3	7,809.9	7,519.6	2,276.1	1,892.8	1,556.3	1,794.3	2,189.5	1,630.7
<b>B CAPITAL ACCOUNT</b>	<b>423.3</b>	<b>256.9</b>	<b>352.0</b>	<b>424.9</b>	<b>501.4</b>	<b>2,109.9</b>	<b>250.7</b>	<b>387.7</b>	<b>334.2</b>	<b>1,137.3</b>	<b>498.3</b>	<b>979.4</b>
<b>C FINANCIAL ACCOUNT</b>	<b>-9,855.1</b>	<b>-10,449.0</b>	<b>-3,381.5</b>	<b>-3,309.2</b>	<b>3,137.0</b>	<b>14,104.7</b>	<b>-7,049.2</b>	<b>1,336.6</b>	<b>19,906.5</b>	<b>-89.2</b>	<b>-9,105.7</b>	<b>4,587.0</b>
1 Direct investment	-5,968.1	-8,308.0	-9,256.4	-6,243.7	-6,059.4	-1,570.1	-2,026.6	-121.7	485.3	92.9	-3,574.0	-1,836.2
1.1 Assets	1,743.9	-731.9	-666.3	-855.1	12,102.2	-258.6	1,014.0	722.5	1,838.6	-3,833.8	408.7	-1,213.0
1.2 Liabilities	7,712.0	7,576.0	8,590.1	5,388.5	18,161.6	1,311.5	3,040.5	844.2	1,353.4	-3,926.6	3,982.6	623.2
2 Portfolio investment	-3,722.5	-4,846.6	-13,161.2	-14,667.3	5,472.8	-523.2	-2,974.6	-1,817.2	3,624.9	643.8	2,299.1	-1,499.7
2.1 Assets	2,113.9	-4,237.9	2,320.1	-748.5	3,088.7	1,808.0	524.2	-985.0	1,381.2	887.6	-506.6	-2,693.3
2.2 Liabilities	5,836.4	608.6	15,481.3	13,918.8	-2,384.1	2,331.1	3,498.8	832.2	-2,243.6	243.7	-2,805.7	-1,193.6
3 Financial derivatives	1,838.9	554.2	-293.9	312.5	274.6	-117.4	438.4	72.6	-231.3	-397.1	-315.8	-171.4
4 Other investment	-2,528.9	-775.9	18,968.2	3,264.1	7,491.3	10,542.5	-11,051.8	5,648.1	17,859.2	-1,913.0	-4,104.2	11,011.5
4.1 Assets	-5,069.4	-1,795.8	-4,619.8	-1,235.2	7,499.1	-1,344.8	-5,562.2	5,179.4	8,642.0	-9,603.9	-4,350.6	5,457.3
4.2 Liabilities	-2,540.5	-1,019.9	-23,588.0	-4,499.2	7.8	-11,887.3	5,489.6	-468.7	-9,217.3	-7,690.9	-246.4	-5,554.1
5 Reserve assets	525.5	2,927.2	361.8	14,025.2	-4,042.3	5,773.0	8,565.4	-2,445.1	-1,831.6	1,484.3	-3,410.8	-2,917.1
<b>D NET ERRORS AND OMISSIONS</b>	<b>-6,214.4</b>	<b>-8,082.1</b>	<b>-3,132.1</b>	<b>-6,925.6</b>	<b>-4,147.9</b>	<b>-4,693.2</b>	<b>2,407.0</b>	<b>735.7</b>	<b>-10,084.1</b>	<b>2,248.2</b>	<b>2,471.6</b>	<b>2,445.4</b>

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. The implementation of the new methodology has no effect on the balances in the current and financial accounts of the balance of payments so that changes in these positions from previously published data are a result of the data revision for the purpose of quality and coverage control. <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), December 2010 (EUR -618.6m) and June 2014 (EUR 1,485.8m).

<sup>c</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>d</sup> Revised data. <sup>e</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 credit institutions' records.

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 the reporting by transaction types 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 general 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. Funds received from EU funds are reported in the current account or in the capital account in line with the type of transaction and on the basis of the data of the Ministry of Finance. BPM6 does not bring novelties in terms of content to this part of the balance of payments. In terms of presentation, workers' remittances are not compiled as a separate item, but become a part of personal transfers together with other personal transfers. Until the end of 2010, capital transfers in the capital account were based on the ITRS. From the beginning of 2011 onwards, the account of capital transfers is compiled on the basis of the data of the Ministry of Finance and the survey data on services trade and special transactions with foreign countries. Data on the potential debt forgiveness are also a constituent part of the capital account. Under BPM6, the results of research and development, such as patents and copyrights, are no longer treated as non-produced assets and their sale is no longer shown in the capital account, but as research and development services in the current account. Also, cross border movements of assets and liabilities of persons who change residence are no longer shown as transfers by migrants within capital transfers and are no longer balance of payments transactions. If assets involved are financial assets they are made under the "other adjustments."

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. A research on the purchase and sale of the real estate by non-residents on the territory of the Republic of Croatia has been carried out since 2007. 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 its abolishment in late 2010. From 2011 on, data on the purchase and sale of the real estate by Croatian non-residents abroad are compiled on the basis of the Report on the real estate trade abroad. These purchase and sale transactions are also a constituent part of direct investments.

The most important change introduced by BPM6 relates to the method of presentation – direct investment is no longer classified according to the directional principle to direct investment in the reporting country and direct investment abroad with additional classification to "claims" and "liabilities". Instead, under BPM6, the assets/liabilities principle is applied, the same principle that has been used for years for other functional categories in the financial account (portfolio, other investment and financial derivatives).

In addition, under BPM6, direct investment is further divided into:

- direct investment in direct investment enterprises,

- investment in direct investor (reverse investment), and
- investment between horizontally linked enterprises (fellow enterprises).

Reverse investment arises when a direct investment enterprise acquires equity in its investor, provided it does not own equity comprising 10% or more of the voting power in that direct investor, otherwise a new direct investment would arise. It also includes debt investment in the reverse direction. Investments between fellow enterprises are equity investments between enterprises which are linked by indirect ownership, also up to 10%, or debt investments between such enterprises. It should be noted for fellow enterprises that this type of investment has been reported within the external debt statistics since 2009. From 2014 on, it is possible to identify such investment also within the Research on direct and other equity investment.

According to BPM6 all debt relations between two affiliated financial intermediaries are treated in the same manner – outside direct investment, i.e. within other or portfolio investment. BPM5 classified permanent debt transactions into direct investment.

BPM6 introduces the concept of "quasi-corporations", which refers to corporations producing goods and services in a foreign economy without being a separate legal entity in that economy. Types of quasi-corporations include: branches, notional resident units, multiterritory enterprises, joint ventures, partnerships, etc. In Croatia, branches have been monitored separately within direct investment as of 2005. Because of the detected investment of Croatian residents abroad which are not effected through incorporated enterprises or branches, but based on a contract with joint venture features, this type of entities has also been monitored statistically since 2014.

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, credit institutions and investment firms providing securities custody services. Portfolio investments are modified by these data in the parts not fully covered by the existing research. 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). Since these are debt securities of domestic issuers traded by non-residents, the balance of this portfolio on a specific day reflects an increase in the external debt, notwithstanding the fact that securities are issued in the domestic market. It should be noted that this approach is already applied in relation to securities issued by our residents abroad and that the amount of debt generated in this manner is reduced by the amount repurchased by residents.

According to BPM6, equity that is not in the form of securities is not included in portfolio investment but in direct or other investment, depending on whether it involves a share that is below or above the 10% threshold. Reinvested earnings in investment funds should be reported separately within portfolio investment. The undistributed earnings of investment funds are imputed as

being payable to the owners and then as being reinvested in the fund. The financial account entry for reinvestment of earnings (Equity and investment fund shares, Other financial corporations) is the corresponding entry to the reinvested earnings of investment funds in the primary income account item. Monitoring of this type of income is still under preparation.

From the first quarter of 2010, the balance of payments includes the transactions arising from the concluded contracts which have features of financial derivatives. Reporting institutions are commercial banks and other financial institutions. In addition, the reporting population has been extended as of the fourth quarter of 2012 to include non-financial institutions which enter into these transactions mainly to hedge against changing market conditions.

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. In addition, BPM6 defines a position of Other equity investment, which implies equity investments that do not meet the criteria for direct investment, portfolio investment or international reserve assets. Other equity investment is never in the form of securities, in contrast to portfolio investment. As the ownership of many international organisations is not in the form of securities, it is classified as other equity. In most cases, equity in quasi-corporations, such as branches or notional units for ownership of real estate and other natural resources is included in direct investment, but if the share accounts for less than 10% in the equity it is classified to other equity investment.

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 other monetary financial institutions. Data on balance and currency structure of foreign assets and liabilities, contained in monetary statistics, 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 Settlements 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.

Credits granted by residents to non-residents and 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.

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.

Item Other investment – Other claims and liabilities includes other claims and liabilities not included in trade credits and other financial instruments, among others, prepayments of premiums and reserves for outstanding claims for non-life insurance, entitlements of beneficiaries under life insurance policies and pension schemes and provisions for calls under standardised guarantees. This position is compiled on the basis of data submitted by insurance companies and includes changes in life insurance mathematical reserves.

A novelty in BPM6 is the treatment of SDRs. The allocation of SDRs to IMF members is shown as the incurrence of a liability by the recipient and included in other investment (SDR position) with a corresponding increase of SDRs in reserve assets. Other acquisitions and disposals of SDRs are shown as transactions in reserve assets.

The sector classification of the portfolio and other investment involves the sector classification of residents according to ESA 2010 and SNA 2008 and is fully harmonised with the sector classification of the gross external debt by domestic sectors and the international investment position. The general government sector includes central government, social security funds and local government. The sector of the central bank includes the Croatian National Bank. The sector of other monetary financial institutions comprises credit institutions and money market funds. Other domestic sectors comprise all financial institutions and intermediaries except the central bank and other monetary financial institutions (including the Croatian Bank for Reconstruction and Development), private and public non-financial corporations, non-profit institutions and households, including craftsmen.

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.

From the first quarter of 2013, data on transactions carried out by the International Reserves and Foreign Exchange Liquidity Department of the Croatian National Bank represent the data source for this position.



**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	
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	December	11,235.9	352.8	0.2	–	10,882.9	2,245.8	8,637.1	2,895.3
2013	December	12,907.5	340.6	0.2	–	12,566.7	3,717.9	8,848.8	2,756.6
2014	December	12,687.6	364.0	0.2	–	12,323.4	3,397.8	8,925.6	3,305.5
2015	September	13,436.6	381.6	0.2	–	13,054.7	3,788.0	9,266.7	4,470.2
	October	14,231.9	389.7	0.2	–	13,842.0	5,069.6	8,772.4	4,114.8
	November	14,023.3	395.7	0.3	–	13,627.4	5,070.7	8,556.7	3,966.9
	December	13,706.6	387.6	0.3	–	13,318.8	4,848.0	8,470.8	3,371.7
2016	January	13,557.6	387.2	0.3	–	13,170.2	4,022.0	9,148.2	3,359.3
	February	12,986.1	383.0	0.3	–	12,602.9	3,338.3	9,264.5	3,531.5
	March	13,198.8	380.2	0.3	–	12,818.4	3,314.5	9,503.9	3,185.3
	April	13,218.9	381.3	0.3	–	12,837.3	3,990.5	8,846.9	3,273.3
	May	12,828.4	384.9	0.3	–	12,443.2	3,294.4	9,148.8	3,620.1
	June	12,936.5	386.2	0.3	–	12,550.0	3,110.4	9,439.5	3,835.4
	July	13,905.5	383.6	0.3	–	13,521.7	3,978.2	9,543.5	4,543.8
	August	14,097.1	381.3	0.3	–	13,715.5	4,137.6	9,578.0	5,129.7

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

**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.



		2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
								Mar.	Jun.	Jul.	Aug.
More than 3 months and up to 1 year	Interest	-	-	-	-	-	-	-	-	-	-
	Principal	-	-	-	-	-	-	-	-	-	-
	Interest	-	-	-	-	-	-	-	-	-	-
4	Total predetermined short-term net drains on f/c assets (1+2+3)	-1,234.9	-679.5	-801.8	-1,641.3	-2,212.2	-3,022.0	-2,952.0	-3,836.7	-4,836.3	-4,652.5
<b>III Contingent short-term net drains on f/c assets (nominal value)</b>											
1	Contingent liabilities in foreign currency	-1,734.2	-1,741.7	-1,311.6	-1,334.0	-760.8	-591.7	-110.0	-146.8	-148.1	-154.3
(a)	Collateral guarantees on debt falling due within 1 year	-1,087.9	-1,005.2	-636.4	-755.4	-271.9	-93.8	-110.0	-146.8	-148.1	-154.3
	– Croatian National Bank	-	-	-	-	-	-	-	-	-	-
	– Central government	-1,087.9	-1,005.2	-636.4	-755.4	-271.9	-93.8	-110.0	-146.8	-148.1	-154.3
	Up to 1 month	-0.2	-8.0	-26.6	-23.0	-8.1	-7.2	-10.8	-7.0	-7.0	-7.6
	More than 1 and up to 3 months	-438.5	-111.2	-70.3	-74.7	-27.2	-1.0	-25.3	-2.5	-6.3	-30.7
	More than 3 months and up to 1 year	-649.2	-885.9	-539.5	-657.6	-236.6	-85.6	-73.9	-137.3	-134.8	-116.1
(b)	Other contingent liabilities	-646.3	-736.5	-675.2	-578.6	-488.9	-497.9	-	-	-	-
	– Croatian National Bank	-646.3	-736.5	-675.2	-578.6	-488.9	-497.9	-	-	-	-
	Up to 1 month	-	-	-	-	-	-	-	-	-	-
	More than 1 and up to 3 months	-646.3	-736.5	-675.2	-578.6	-488.9	-497.9	-	-	-	-
	More than 3 months and up to 1 year	-	-	-	-	-	-	-	-	-	-
	– Central government	-	-	-	-	-	-	-	-	-	-
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)	-1,734.2	-1,741.7	-1,311.6	-1,334.0	-760.8	-591.7	-110.0	-146.8	-148.1	-154.3
<b>IV Memo items</b>											
(a)	Short-term domestic currency debt indexed to the exchange rate	-	-	-	-	-	-	-	-	-	-
	o/w: Central government	-	-	-	-	-	-	-	-	-	-
(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	-	-0.4	-	-	0.0	-1,198.2	-1,331.6	-967.0	-1,913.6	-1,808.0
	– 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	1,458.5	136.9	551.3	2,380.1	655.4	3,317.5	2,196.6	1,949.1	2,988.5	3,174.6
(e)	Financial derivative assets (net, marked to market)	-	-	-	-	-	-	-	-	-	-
(f)	Currency composition of official reserves assets										
	– Currencies in SDR basket	10,660.0	11,194.7	11,235.7	12,907.4	12,687.2	13,706.3	13,198.7	12,936.1	13,905.4	14,096.9
	– Currencies not in SDR basket	0.3	0.1	0.2	0.1	0.5	0.3	0.2	0.3	0.2	0.2
	– By individual currencies										
	USD	2,451.0	2,333.0	2,140.4	2,068.1	2,194.2	3,304.4	2,535.4	2,659.4	2,738.5	2,700.9
	EUR	7,851.8	8,500.6	8,742.1	10,498.4	10,128.4	10,013.6	10,282.6	9,890.1	10,782.7	11,014.2
	Other	357.5	361.2	353.4	341.0	365.1	388.6	380.9	387.0	384.3	382.0

**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.

The second part of the Template shows fixed predetermined

Table H11 Indices of the effective exchange rate of the kuna

indices 2010 = 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>b</sup> ; deflator	
			Consumer price index	Industrial producer price index <sup>a</sup>	Unit labour costs in manufacturing	Unit labour costs in the total economy
2001	December	106.52		110.96		137.20
2002	December	105.28		110.65		123.35
2003	December	105.37		111.22		125.82
2004	December	102.42		107.05		124.49
2005	December	102.16		105.55		119.63
2006	December	100.37		103.88		115.42
2007	December	98.70		99.93	105.97	100.15
2008	December	98.13		98.58	111.86	103.84
2009	December	97.63		97.78	106.16	99.66
2010	December	102.04		102.98	99.43	101.69
2011	December	103.63		105.67	101.27	102.97
2012	December	104.61		104.60	101.87	108.50
2013	December	103.76		104.85	102.36	110.18
2014	December	105.80		107.99	105.70	116.83
2015	October	107.05		109.68	106.74	
	November	107.90		110.75	107.27	
	December	107.75		111.32	107.60	114.19
2016	January	107.58		111.03	108.55	
	February	106.87		110.99	108.63	
	March	106.13		110.38	106.87	113.45 <sup>c</sup>
	April	104.79		108.92	106.73	
	May	104.61		108.76	105.85	
	June	105.02		109.42	106.40	
	July	104.67		109.45	107.43	
	August	104.37		109.37 <sup>c</sup>	107.26 <sup>c</sup>	
	September	104.43				

<sup>a</sup> The index of industrial producer price on the non-domestic market for Croatia is available from January 2010. As a result, the real effective exchange rate is calculated on the 2010 basis. <sup>b</sup> The values shown are quarterly data. <sup>c</sup> Preliminary data.  
Note: Historical data may be revised when the series are updated.

foreign currency net liabilities of the Croatian National Bank and the central government 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. 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, 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 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

Table H12 Gross external debt by domestic sectors<sup>a,b</sup>  
in million EUR

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.*	Apr.*	May*	Jun.
1 General government	10,739.1	11,088.5	12,353.9	14,225.3	15,396.1	15,893.9	15,139.6	14,902.0	14,993.7	15,089.5
Short-term	468.3	157.9	118.1	269.6	83.8	8.1	24.1	24.0	2.9	1.6
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	468.3	157.9	117.2	69.6	83.6	8.1	24.1	24.0	2.9	1.6
Loans	0.0	0.0	0.9	200.0	0.2	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
Long-term	10,270.7	10,930.6	12,235.8	13,955.8	15,312.3	15,885.8	15,115.5	14,878.0	14,990.7	15,087.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	5,249.4	5,703.4	6,568.6	8,205.3	9,089.1	10,103.8	9,505.0	9,383.7	9,484.7	9,497.5
Loans	5,021.3	5,227.2	5,667.2	5,750.5	6,223.2	5,782.0	5,610.5	5,494.3	5,506.1	5,590.3
Trade credit and advances	0.0	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	0.0
2 Central bank	357.3	360.1	351.0	421.5	444.9	1,692.1	1,865.7	2,085.4	1,744.2	1,466.1
Short-term	1.2	0.1	0.0	83.5	83.6	1,307.4	1,488.3	1,707.0	1,362.1	1,082.8
Currency and deposits	1.2	0.1	0.0	83.5	83.6	50.9	50.5	24.2	43.9	37.6
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	1,238.2	1,437.8	1,682.8	1,318.2	1,045.1
Trade credit and advances	0.0	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	18.3	0.0	0.0	0.0	0.0
Long-term	356.1	360.0	351.0	338.0	361.3	384.7	377.4	378.4	382.1	383.3
Special drawing rights (allocations)	356.1	360.0	351.0	338.0	361.3	384.7	377.4	378.4	382.1	383.3
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
3 Deposit-taking corporations, except the central bank	11,212.4	12,207.9	9,885.8	9,156.8	8,160.1	6,125.3	5,762.8	5,519.7	5,729.1	5,418.1
Short-term	3,173.6	3,953.1	2,024.2	2,317.1	1,950.9	1,697.0	1,401.6	1,599.6	2,135.9	1,895.5
Currency and deposits	2,201.3	3,291.4	1,470.2	1,735.3	1,513.3	1,602.9	1,237.0	1,429.9	1,961.0	1,722.9
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	947.8	526.0	516.8	557.3	410.7	65.5	131.8	132.7	134.6	141.8
Trade credit and advances	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	24.5	135.8	37.2	24.5	26.9	28.5	32.8	37.0	40.3	30.8
Long-term	8,038.8	8,254.7	7,861.6	6,839.7	6,209.1	4,428.3	4,361.2	3,920.1	3,593.2	3,522.6
Currency and deposits	4,592.8	4,407.6	4,261.1	3,849.6	3,645.9	2,845.5	2,852.0	2,688.0	2,354.1	2,331.3
Debt securities	8.9	1.9	8.9	3.8	2.5	2.0	6.6	6.7	6.6	6.7
Loans	3,436.0	3,844.4	3,568.8	2,984.0	2,558.7	1,579.1	1,500.8	1,223.7	1,230.8	1,182.8
Trade credit and advances	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other debt liabilities	1.1	0.9	22.8	2.4	2.0	1.7	1.7	1.7	1.8	1.8
4 Other sectors	18,463.2	17,723.3	17,320.3	16,456.2	16,282.7	16,396.3	15,699.8	16,207.8	15,994.6	15,948.9
Short-term	912.5	915.8	1,130.3	626.4	717.4	656.6	478.3	511.3	544.0	584.2
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.1	0.1	0.0	24.5	68.0	68.9	69.1	69.4	80.8
Loans	881.7	881.4	952.0	511.1	615.2	475.8	268.2	294.8	310.5	306.0
Trade credit and advances	30.9	34.2	178.1	115.2	77.7	112.8	141.3	147.4	164.1	197.4
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	17,550.7	16,807.6	16,190.1	15,829.8	15,565.4	15,739.7	15,221.5	15,696.4	15,450.6	15,364.7
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	679.5	778.1	1,995.0	1,923.6	1,537.4	1,640.1	1,582.0	1,556.8	1,584.4	1,606.0
Loans	16,578.2	15,893.6	14,061.0	13,727.0	13,884.7	13,918.0	13,421.9	13,886.7	13,617.2	13,435.9
Trade credit and advances	293.0	135.9	134.1	179.3	143.3	181.6	217.5	253.0	249.0	322.8

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.*	Apr.*	May*	Jun.
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 Direct investment: intercompany lending	6,136.5	5,017.4	5,386.2	5,698.5	6,380.1	5,426.3	5,836.6	5,665.4	5,591.1	5,509.4
Debt liabilities of direct investment enterprises to direct investors	4,131.0	4,143.1	4,082.4	3,521.6	3,781.1	3,658.4	3,884.0	3,742.0	3,639.1	3,785.9
Debt liabilities of direct investors to direct investment enterprises	366.7	175.5	164.5	159.5	250.5	223.1	323.9	323.7	272.9	271.6
Debt liabilities to fellow enterprises	1,638.7	698.9	1,139.4	2,017.4	2,348.4	1,544.8	1,628.7	1,599.7	1,679.2	1,451.9
<b>Gross external debt position</b>	<b>46,908.4</b>	<b>46,397.2</b>	<b>45,297.2</b>	<b>45,958.4</b>	<b>46,663.8</b>	<b>45,534.0</b>	<b>44,304.4</b>	<b>44,380.3</b>	<b>44,052.7</b>	<b>43,432.0</b>
o/w: Round tripping <sup>c</sup>	0.0	–	–	–	–	–	–	–	–	–
Memo items:										
Principal and interest arrears by sector	1,235.2	1,303.2	1,589.0	1,903.3	2,037.0	2,051.1	2,182.2	2,185.3	2,186.5	2,112.0
General government	0.9	0.0	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0
Central bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Deposit-taking corporations, except the central bank	12.2	11.8	11.6	16.6	17.4	6.3	6.1	7.1	9.1	8.7
Other sectors	1,064.8	1,037.3	1,290.7	1,517.9	1,655.3	1,710.4	1,848.0	1,856.3	1,855.8	1,765.2
Direct investment: intercompany lending	157.3	254.1	285.8	368.0	363.5	333.5	328.2	321.8	321.7	338.1

<sup>a</sup> As from CNB Bulletin No. 207, the entire series of data on gross external debt has been revised so as to bring it into line with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> In the entire series of data, the CBRD is reclassified from other sectors to the sector general government. <sup>c</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.

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 rates of the kuna comprises the following 20 partner countries: eight euro area countries (Austria, Belgium, France, Germany, Italy, the Netherlands, Slovenia and Spain), five EU countries outside the euro area (the Czech Republic, Hungary, Poland, Sweden and the United Kingdom) and seven non-EU countries (Bosnia and Herzegovina, Japan, China, the United States, Serbia, Switzerland and Turkey). The weights assigned to specific countries in the calculation of the effective exchange rates of the kuna are time varying weights, calculated to reflect the average structure of RC's foreign trade over three consecutive years (for more details see Box 3 in CNB Bulletin No. 205, 2014). The last reference period for the calculation of the weights is the period from 2010 to 2012. The time series for base indices are calculated based on 2010.

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). Industrial producer price indices, consumer price indices (harmonised consumer price indices for EU member states) and unit labour cost indices in the total economy and manufacturing are used as deflators. The time series for the index of industrial producer prices on the non-domestic market for Croatia is available from January 2010. 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. As data on unit labour costs

are not available for all the countries, the basket of countries for the calculation of the real effective exchange rate of the kuna deflated by unit labour costs in the total economy and manufacturing was narrowed to 15, that is, 13 countries trading partners – all countries trading partners (20 of them) excluding Switzerland, Turkey, China, Bosnia and Herzegovina and Serbia, that is, excluding these five countries and Belgium and Japan. 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** • Gross 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 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 is shown by domestic sectors, i.e. by debtor sectors, which implies the sector classification of residents according to ESA 2010 and SNA 2008 manuals. The general government sector includes central government, social security funds and local government. The sector of the central bank shows the debt of the Croatian National Bank. The sector of other monetary financial institutions shows the debt of credit institutions and money market funds. Item Other sectors shows the debt of all financial corporations except monetary financial institutions (including the Croatian Bank for Reconstruction and Development), private and public non-financial corporations, non-profit institutions serving households and households, including employers and self-employed persons. Item Direct investment shows borrower – lender transactions of other sectors that are interrelated by ownership, according to the directional principle.

in million EUR

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.*	Apr.*	May*	Jun.
1 Public sector external debt	14,752.5	14,603.5	15,180.4	16,642.0	17,807.3	19,533.5	18,733.6	18,708.4	18,564.2	18,370.7
Other investment	14,387.4	14,394.9	15,179.3	16,640.9	17,806.2	19,506.2	18,706.2	18,706.8	18,537.0	18,343.5
Short-term	594.0	279.7	139.9	377.5	193.1	1,337.2	1,534.5	1,753.2	1,387.9	1,123.8
Currency and deposits	17.1	18.1	21.8	107.9	109.3	71.9	72.1	45.7	66.0	58.7
Debt securities	468.3	157.9	117.2	69.6	83.6	8.1	24.1	24.0	2.9	1.6
Loans	108.6	103.7	0.9	200.0	0.2	1,238.2	1,437.8	1,682.8	1,318.2	1,062.8
Trade credit and advances	0.0	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	0.1	0.1	18.9	0.6	0.6	0.8	0.7
Long-term	13,793.4	14,115.3	15,039.3	16,263.4	17,613.1	18,169.0	17,171.7	16,953.6	17,149.2	17,219.7
Special drawing rights (allocations)	356.1	360.0	351.0	338.0	361.3	384.7	377.4	378.4	382.1	383.3
Currency and deposits	5.9	10.8	5.2	8.6	14.5	21.1	21.0	21.3	21.4	21.5
Debt securities	5,605.6	6,050.8	7,270.5	8,851.2	9,770.4	10,854.2	10,211.9	10,075.3	10,190.7	10,202.7
Loans	7,554.4	7,578.9	7,294.1	7,028.4	7,446.5	6,908.4	6,560.0	6,477.3	6,553.4	6,610.5
Trade credit and advances	271.4	114.8	118.5	37.1	20.4	0.7	1.4	1.4	1.5	1.6
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Direct investment: intercompany lending	365.2	208.6	1.1	1.1	1.1	27.3	27.3	1.6	27.2	27.2
Short-term	24.7	123.8	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	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	24.7	123.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
Long-term	340.5	84.8	1.1	1.1	1.1	27.3	27.3	1.6	27.2	27.2
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	340.5	84.8	1.1	1.1	1.1	27.3	27.3	1.6	27.2	27.2
Trade credit and advances	0.0	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	0.0
2 Publicly guaranteed private sector external debt	0.5	0.0	2.9	84.3	43.7	103.2	103.1	116.6	117.6	129.4
Other investment	0.5	0.0	2.9	84.3	43.7	103.2	103.1	116.6	117.6	129.4
Short-term	0.0	0.0	0.0	0.0	0.0	1.7	1.6	1.6	1.6	1.6
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	1.7	1.6	1.6	1.6	1.6
Trade credit and advances	0.0	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	0.0
Long-term	0.5	0.0	2.9	84.3	43.7	101.5	101.6	115.0	116.0	127.8
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.5	0.0	0.0	0.0	0.0	75.1	76.0	76.0	76.3	75.0
Trade credit and advances	0.0	0.0	2.9	84.3	43.7	26.4	25.6	39.0	39.7	52.8
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Direct investment: intercompany lending	0.0	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	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
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
Long-term	0.0	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	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.*	Apr.*	May*	Jun.
Loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
<b>3 Non-publicly guaranteed private sector external debt</b>	<b>32,155.4</b>	<b>31,793.7</b>	<b>30,113.9</b>	<b>29,232.1</b>	<b>28,812.8</b>	<b>25,897.3</b>	<b>25,467.7</b>	<b>25,555.3</b>	<b>25,370.9</b>	<b>24,931.9</b>
Other investment	26,384.1	26,984.8	24,728.8	23,534.7	22,433.9	20,498.3	19,658.4	19,891.5	19,807.0	19,449.6
Short-term	3,961.7	4,747.2	3,132.6	2,919.0	2,642.6	2,330.3	1,856.2	2,087.2	2,655.5	2,438.7
Currency and deposits	2,185.4	3,273.4	1,448.3	1,710.9	1,487.6	1,581.8	1,215.4	1,408.3	1,939.0	1,701.8
Debt securities	0.0	0.1	0.1	0.0	24.5	68.0	68.9	69.1	69.4	80.8
Loans	1,720.9	1,303.7	1,468.7	1,068.4	1,025.9	539.7	398.4	425.9	443.5	428.6
Trade credit and advances	30.9	34.2	178.1	115.2	77.7	112.8	141.3	147.4	164.1	197.4
Other debt liabilities	24.5	135.8	37.2	24.4	26.9	28.0	32.2	36.4	39.5	30.2
Long-term	22,422.4	22,237.6	21,596.2	20,615.7	19,791.3	18,168.0	17,802.3	17,804.3	17,151.4	17,010.9
Currency and deposits	4,586.9	4,396.8	4,255.9	3,840.9	3,631.4	2,824.5	2,831.0	2,666.7	2,332.7	2,309.8
Debt securities	332.2	432.5	1,302.0	1,281.4	858.5	891.7	881.7	871.8	884.9	907.5
Loans	17,480.6	17,386.3	16,002.9	15,433.1	15,220.1	14,295.7	13,897.3	14,051.5	13,724.4	13,523.6
Trade credit and advances	21.6	21.1	12.6	57.9	79.2	154.5	190.5	212.5	207.7	268.4
Other debt liabilities	1.1	0.9	22.8	2.4	2.0	1.7	1.7	1.7	1.7	1.7
Direct investment: intercompany lending	5,771.3	4,808.8	5,385.1	5,697.4	6,379.0	5,399.0	5,809.3	5,663.8	5,564.0	5,482.2
Short-term	645.3	659.8	251.7	174.3	191.7	464.4	601.1	329.2	380.6	426.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	645.3	659.8	251.7	174.3	191.7	464.4	601.1	329.2	380.6	426.9
Trade credit and advances	0.0	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	0.0
Long-term	5,126.0	4,149.0	5,133.4	5,523.1	6,187.3	4,934.6	5,208.2	5,334.6	5,183.3	5,055.3
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	5,123.0	4,145.4	5,123.5	5,504.7	6,178.3	4,923.7	5,198.2	5,324.6	5,173.3	5,045.4
Trade credit and advances	3.0	3.6	9.9	18.4	9.0	10.9	10.0	10.0	10.0	10.0
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Gross external debt position</b>	<b>46,908.4</b>	<b>46,397.2</b>	<b>45,297.2</b>	<b>45,958.4</b>	<b>46,663.8</b>	<b>45,534.0</b>	<b>44,304.4</b>	<b>44,380.3</b>	<b>44,052.7</b>	<b>43,432.0</b>
o/w: Round tripping <sup>b</sup>	0.0	–	–	–	–	–	–	–	–	–
Memo items:										
Principal and interest arrears	1,235.2	1,303.2	1,589.0	1,903.3	2,037.0	2,051.1	2,182.2	2,185.3	2,186.5	2,112.0
Public sector external debt	73.2	76.4	40.9	0.9	0.9	0.9	0.1	0.1	0.1	0.1
Publicly guaranteed private sector external debt	0.0	0.0	0.0	22.6	7.2	6.8	6.7	6.6	6.5	6.5
Non-publicly guaranteed private sector external debt	1,162.0	1,226.7	1,548.1	1,879.8	2,028.9	2,043.4	2,175.4	2,178.6	2,179.9	2,105.4

<sup>a</sup> As from CNB Bulletin No. 207, the entire series of data on gross external debt has been revised so as to bring it into line with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</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 3, within Direct investment.

Each sector data (except direct investment) 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 (other monetary institutions) 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 future principal payments, accrued interest and principal and interest arrears. 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, the central bank, public financial corporations, and public non-financial corporations. Publicly guaranteed private sector gross external debt is defined as the external debt liabilities of entities not covered by the definition of the public sector, the servicing of which is guaranteed by an entity from the public sector. Non-publicly guaranteed private sector gross external debt is defined as the external debt liabilities of 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.



	Gross external debt 30/6/2016	Immediate/ arrears	Projected future principal payments											
			Q3/16 <sup>c</sup>	Q4/16	Q1/17	Q2/17	2016 <sup>c</sup>	2017	2018	2019	2020	2021	2022	Other
Long-term	16,996.4	1,847.3	1,095.3	1,815.9	601.4	1,270.4	2,911.3	3,251.9	1,712.9	1,852.5	2,058.3	547.7	942.9	1,871.6
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
Debt securities	1,776.5	0.0	49.4	11.7	0.0	0.6	61.1	368.2	1.6	301.2	653.1	0.0	390.6	0.7
Loans	14,862.8	1,841.8	1,025.3	1,787.8	552.5	1,131.0	2,813.1	2,621.8	1,661.7	1,549.6	1,404.3	547.3	552.3	1,871.0
Trade credit and advances	357.1	5.5	20.7	16.4	48.9	138.7	37.1	261.9	49.5	1.7	0.9	0.5	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
5 Direct investment: intercompany lending	6,094.5	374.0	679.9	1,119.2	215.4	602.2	1,799.2	1,204.9	646.0	392.4	581.1	170.0	181.2	745.8
Debt liabilities of direct investment enterprises to direct investors	4,188.0	308.0	480.8	794.3	128.3	447.5	1,275.1	797.5	428.0	285.1	452.4	110.2	124.3	407.5
Debt liabilities of direct investors to direct investment enterprises	300.4	22.4	32.0	54.6	23.0	20.3	86.6	55.9	69.0	8.4	9.3	6.4	6.1	36.2
Debt liabilities to fellow enterprises	1,606.1	43.6	167.1	270.4	64.1	134.4	437.5	351.5	149.0	98.9	119.4	53.3	50.8	302.1
Gross external debt position	48,044.5	2,336.3	5,129.2	3,677.5	1,844.9	4,268.2	8,806.6	8,890.0	3,870.0	5,043.2	5,004.0	2,887.1	2,592.9	8,614.3
Memo item: Projected interest payments			127.7	271.1	284.1	332.2	398.9	1,160.0	1,005.2	887.3	770.1	455.2	382.4	947.1

<sup>a</sup> As from CNB Bulletin No. 207, data on gross external debt have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> Projected payments of gross external debt include projected payments of principal and accrued interest. <sup>c</sup> Projected payments for this quarter and year refer to the period from the date of the gross debt position to the end of the stated quarter or year.

**Table H14 Gross external debt by domestic sectors and projected future payments** • The table shows outstanding gross external debt, projected gross debt payments and estimated interest payments according to the CNB's midpoint exchange rate at the end of the period. The structure of sectors, original maturity and instruments shown in this table follows the structure presented in Table H12. Future interest payments of monetary financial institutions are estimated on the basis of the available monetary

statistics data on the schedule of interest payments. Future interest payments of other sectors are estimated on the basis of the submitted schedule of payments and 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 period when the first instalment of interest falls due and, consequently, decrease the projected first interest payments.

Table H15 Gross external debt by other sectors<sup>a,b</sup>

in million EUR

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.*	Apr.*	May*	Jun.
4.1 Other public financial corporations except monetary financial institutions	0.0	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	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
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
Long-term	0.0	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	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
4.2 Other private financial corporations except monetary financial institutions	4,682.6	4,095.1	3,797.6	3,441.8	3,143.5	2,752.4	2,834.9	2,889.3	2,926.8	2,885.8
Short-term	367.2	576.8	615.1	318.0	424.0	110.4	88.8	117.9	134.9	116.6
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	367.2	576.8	615.1	318.0	424.0	110.4	88.8	117.9	134.9	116.6
Trade credit and advances	0.0	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	0.0
Long-term	4,315.4	3,518.4	3,182.5	3,123.8	2,719.5	2,642.1	2,746.1	2,771.4	2,791.9	2,769.2
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	4,315.4	3,518.4	3,182.5	3,123.8	2,719.5	2,642.1	2,746.1	2,771.4	2,791.9	2,769.2
Trade credit and advances	0.0	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	0.0
4.3 Public non-financial corporations	3,262.6	2,914.6	2,444.3	1,958.0	1,819.7	1,818.9	1,611.0	1,629.1	1,708.0	1,709.5
Short-term	108.6	103.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	108.6	103.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7
Trade credit and advances	0.0	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	0.0
Long-term	3,154.1	2,810.9	2,444.3	1,958.0	1,819.7	1,818.9	1,611.0	1,629.1	1,708.0	1,691.8
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	356.2	347.4	701.9	646.0	681.3	750.4	706.9	691.6	706.1	705.2
Loans	2,526.5	2,348.7	1,623.9	1,274.9	1,118.0	1,067.8	902.7	936.0	1,000.4	985.0
Trade credit and advances	271.4	114.8	118.5	37.1	20.4	0.7	1.4	1.4	1.5	1.6
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4 Private non-financial corporations	10,303.5	10,495.8	10,862.4	10,875.1	11,137.7	11,665.8	11,099.7	11,535.8	11,207.1	11,201.7
Short-term	429.9	229.4	509.8	308.1	293.4	546.3	389.5	393.5	409.1	449.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.1	0.1	0.0	24.5	68.0	68.9	69.1	69.4	80.8
Loans	399.0	195.0	331.5	192.9	191.3	365.4	179.4	176.9	175.6	171.7
Trade credit and advances	30.9	34.2	178.1	115.2	77.7	112.8	141.3	147.4	164.1	197.4
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	9,873.6	10,266.5	10,352.6	10,567.0	10,844.3	11,119.5	10,710.2	11,142.3	10,798.0	10,751.8
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	323.4	430.7	1,293.1	1,277.6	856.0	889.7	875.1	865.1	878.3	900.8
Loans	9,528.8	9,814.7	9,044.0	9,153.1	9,865.3	10,048.9	9,619.0	10,025.6	9,672.3	9,529.8
Trade credit and advances	21.5	21.1	15.5	136.4	122.9	180.9	216.1	251.6	247.5	321.2

	2010 Dec.	2011 Dec.	2012 Dec.	2013 Dec.	2014 Dec.	2015 Dec.	2016			
							Mar.*	Apr.*	May*	Jun.
Other debt liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5 Households	211.9	213.0	206.7	176.0	162.4	136.0	130.7	130.2	129.8	128.9
Short-term	7.0	6.0	5.4	0.1	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
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	7.0	6.0	5.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
Long-term	205.0	207.1	201.3	175.9	162.4	136.0	130.7	130.2	129.8	128.9
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	204.8	207.1	201.3	170.1	162.4	136.0	130.7	130.2	129.8	128.9
Trade credit and advances	0.1	0.0	0.0	5.8	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	0.0
4.6 Non-profit institutions serving households	2.6	4.8	9.4	5.3	19.4	23.2	23.5	23.5	23.0	23.0
Short-term	0.0	0.0	0.0	0.2	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
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Trade credit and advances	0.0	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	0.0
Long-term	2.6	4.8	9.4	5.2	19.4	23.2	23.5	23.5	23.0	23.0
Currency and deposits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	2.6	4.8	9.4	5.2	19.4	23.2	23.5	23.5	23.0	23.0
Trade credit and advances	0.0	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	0.0
<b>Gross external debt of other sectors</b>	<b>18,463.2</b>	<b>17,723.3</b>	<b>17,320.3</b>	<b>16,456.2</b>	<b>16,282.7</b>	<b>16,396.3</b>	<b>15,699.8</b>	<b>16,207.8</b>	<b>15,994.6</b>	<b>15,948.9</b>
Memo items:										
1 Principal and interest arrears by sector	1,064.8	1,037.3	1,290.7	1,517.9	1,655.3	1,710.4	1,848.0	1,856.3	1,855.8	1,765.2
Other public financial corporations except monetary financial institutions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other private financial corporations except monetary financial institutions	16.3	9.3	33.1	33.4	35.6	36.8	37.3	36.6	36.7	38.2
Public non-financial corporations	72.2	75.7	40.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Private non-financial corporations	976.4	952.3	1,217.5	1,484.4	1,619.6	1,673.6	1,810.6	1,819.7	1,819.0	1,726.9
Households	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-profit institutions serving households	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Quasi-direct investment – included in item 4.2 Other private financial corporations except monetary financial institutions <sup>c</sup>	1,665.5	1,487.9	1,418.7	1,490.8	1,733.7	1,421.0	1,412.6	1,400.4	1,443.8	1,358.8

<sup>a</sup> As from CNB Bulletin No. 207, the entire series of data on gross external debt has been revised so as to bring it into line with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> In the entire series of data, the CBRD is reclassified from the subsector other public financial corporations except monetary financial institutions to the sector central government. <sup>c</sup> Quasi-direct investment: Debt of residents in the other financial intermediaries sector to non-residents in the same sector with which they have a direct ownership relationship, but their debt relations under the current methodology are not part of the debt within direct investment but within other sectors.

**Table H15 Gross external debt by other sectors** • Gross external debt of other sectors shows the external debt of all financial corporations except monetary financial institutions (including the Croatian Bank for Reconstruction and Development), public non-financial corporations, private non-financial

corporations, non-profit institutions serving households and households, including employers and self-employed persons. Each sector data are further shown by contractual (short-term or long-term) maturity and by debt instrument.

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

	2010	2011	2012	2013	2014	2015 <sup>d</sup>	2015				2016	
							Q1 <sup>d</sup>	Q2 <sup>d</sup>	Q3 <sup>d</sup>	Q4 <sup>d</sup>	Q1 <sup>d</sup>	Q2 <sup>e</sup>
1 International investment position (net)	-41,876.8	-40,503.4	-39,744.3	-38,378.2	-37,157.8	-33,982.6	-37,876.0	-37,915.7	-34,345.7	-33,982.6	-34,231.2	-33,784.7
2 Assets	23,810.8	23,572.2	23,568.9	24,625.2	28,203.3	30,903.5	30,508.4	30,556.6	31,502.5	30,903.5	29,589.2	29,695.7
2.1 Direct investment	3,760.0	3,855.2	3,690.1	3,463.4	4,874.8	5,350.7	5,265.1	5,304.6	5,760.4	5,350.7	5,554.2	5,426.9
2.2 Portfolio investment	3,547.8	2,805.7	3,169.1	3,281.5	3,724.8	4,008.7	3,986.6	3,811.3	3,773.3	4,008.7	3,869.3	3,483.3
2.2.1 Equity and investment fund shares	1,240.6	1,124.8	1,305.1	1,527.9	1,671.8	2,002.5	1,903.2	1,891.3	1,816.9	2,002.5	1,882.1	1,735.3
2.2.2 Debt securities	2,307.2	1,680.9	1,864.1	1,753.7	2,053.0	2,006.1	2,083.5	1,920.0	1,956.3	2,006.1	1,987.2	1,747.9
2.2.2.1 Long-term	1,431.0	1,074.3	1,365.7	1,185.1	1,771.7	1,851.4	1,848.5	1,722.0	1,787.3	1,851.4	1,858.0	1,653.2
2.2.2.2 Short-term	876.2	606.6	498.3	568.6	281.3	154.7	234.9	198.0	169.0	154.7	129.1	94.8
2.3 Financial derivatives	14.2	204.5	145.8	16.7	690.6	1,810.2	1,734.8	1,530.3	1,432.9	1,810.2	1,503.0	1,704.7
2.4 Other investment	5,828.6	5,512.0	5,328.0	4,956.0	6,225.5	6,027.2	5,364.1	6,176.9	7,099.2	6,027.2	5,463.8	6,144.3
2.4.1 Other equity	1.8	4.4	11.0	41.3	67.3	94.3	67.6	68.2	67.7	94.3	97.0	97.2
2.4.2 Currency and deposits	5,304.5	4,989.5	4,616.4	4,182.0	5,309.6	5,014.0	4,643.4	5,396.2	6,290.4	5,014.0	4,500.0	5,060.0
2.4.3 Loans	430.8	420.8	531.3	626.1	752.2	812.2	553.5	577.3	630.9	812.2	671.4	593.4
2.4.4 Trade credit and advances	80.5	85.7	142.0	80.8	74.5	82.5	79.6	78.3	81.7	82.5	84.5	94.8
2.4.5 Other accounts receivable	11.0	11.5	27.3	25.8	21.8	24.3	20.0	56.9	28.5	24.3	110.8	299.0
2.5 Reserve assets	10,660.2	11,194.8	11,235.9	12,907.4	12,687.7	13,706.7	14,157.7	13,733.6	13,436.7	13,706.7	13,198.9	12,936.4
3 Liabilities	65,687.6	64,075.6	63,313.2	63,003.4	65,361.1	64,886.0	68,384.4	68,472.3	65,848.1	64,886.0	63,820.3	63,480.3
3.1 Direct investment	24,022.3	22,025.7	22,688.6	21,873.7	24,275.2	24,043.3	25,020.2	25,583.2	24,708.8	24,043.3	24,587.3	24,787.6
3.2 Portfolio investment	7,104.9	7,160.2	9,076.8	10,640.3	11,314.5	12,397.9	12,607.9	12,532.8	12,135.0	12,397.9	11,770.2	11,776.3
3.2.1 Equity and investment fund shares	698.8	518.8	387.0	438.0	577.5	576.0	582.8	593.6	574.2	576.0	583.6	583.6
3.2.2 Debt securities	6,406.1	6,641.4	8,689.9	10,202.2	10,737.0	11,822.0	12,025.1	11,939.2	11,560.8	11,822.0	11,186.6	11,192.6
3.2.2.1 Long-term	5,937.8	6,483.4	8,572.5	10,132.6	10,628.9	11,745.8	11,959.6	11,860.2	11,478.9	11,745.8	11,093.7	11,110.2
3.2.2.2 Short-term	468.3	158.1	117.3	69.6	108.1	76.1	65.5	79.0	82.0	76.1	92.9	82.5
3.3 Financial derivatives	194.6	151.3	326.6	431.8	224.7	159.1	286.3	193.2	182.2	159.1	181.6	186.5
3.4 Other investment	34,365.8	34,738.3	31,221.1	30,057.7	29,546.7	28,285.7	30,470.0	30,163.1	28,822.1	28,285.7	27,281.2	26,729.9
3.4.1 Other equity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4.2 Currency and deposits	6,795.2	7,699.0	5,731.3	5,668.4	5,242.8	4,499.3	5,567.2	5,483.9	4,958.1	4,499.3	4,139.5	4,091.8
3.4.3 Loans	26,865.0	26,372.5	24,766.6	23,730.0	23,692.7	23,058.7	24,222.5	24,020.9	23,109.0	23,058.7	22,371.0	21,702.1
3.4.4 Trade credit and advances	323.8	170.1	312.2	294.5	221.0	294.4	264.5	243.0	320.2	294.4	358.8	520.2
3.4.5 Other accounts payable	25.6	136.6	60.0	26.9	29.0	48.6	30.1	31.2	56.1	48.6	34.5	32.6
3.4.6 Special drawing rights	356.1	360.0	351.0	338.0	361.3	384.7	385.7	384.1	378.7	384.7	377.4	383.3

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <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), December 2010 (EUR -618.6m) and June 2014 (EUR 1,485.8m). <sup>c</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>d</sup> Revised data. <sup>e</sup> Preliminary data.

**Table H16 International investment position • 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). The conversion of values from the original currencies into the reporting currencies is performed 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).

The sector classification of the portfolio and other investment involves the sector classification of residents according to ESA 2010 and SNA 2008 and is fully harmonised with the sector classification of the gross external debt by domestic sectors and the balance of payments. The general government sector includes central government, social security funds and local government. The sector of the central bank includes the Croatian National Bank. The sector of other monetary financial institutions comprises credit institutions and money market funds. Other domestic sectors comprise all financial institutions and intermediaries except the central bank and other monetary financial institutions (including the Croatian Bank for Reconstruction and Development), private and public non-financial corporations, non-profit institutions and households, including craftsmen.

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, credit institutions and investment firms providing securities custody services, particularly in the part Assets of other sectors.

From the first quarter of 2010, the balance of payments includes the balance of positions of the concluded contracts which have features of financial derivatives. Reporting institutions are credit institutions and other financial institutions. In addition, the reporting population has been extended as of the fourth quarter of 2012 to include non-financial corporations which enter into these transactions mainly to hedge against changing market conditions.

Within other investment, BPM6 defines a position of Other equity investment, which implies equity investments that do not meet the criteria for direct investment, portfolio investment or international reserve assets. This position also includes shares in ownership of international organisations.

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

International Settlements 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 credit institutions.

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 – 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 – Other equity investment comprises equity investment that is not in the form of securities. It comprises equity investment in quasi-corporations, international organisations etc.

Item Other investment – Other claims and liabilities includes other claims and liabilities not included in trade credits and other financial instruments.

Position Other investment – Special drawing rights on the liability side shows the balance of allocated special drawing rights. The balance of this position was increased on the basis of the general allocation of August 2009, when the Republic of Croatia was allocated SDR 270,652,208, and a special allocation in September of the same year, when it was allocated another SDR 32,848,735.

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,b</sup>**  
in million EUR

	2010	2011	2012	2013	2014	2015 <sup>c</sup>	2015				2016	
							Q1 <sup>c</sup>	Q2 <sup>c</sup>	Q3 <sup>c</sup>	Q4 <sup>c</sup>	Q1 <sup>c</sup>	Q2 <sup>d</sup>
<b>Direct investment (net)</b>	<b>-20,262.3</b>	<b>-18,170.5</b>	<b>-18,998.5</b>	<b>-18,410.2</b>	<b>-19,400.5</b>	<b>-18,692.6</b>	<b>-19,755.1</b>	<b>-20,278.7</b>	<b>-18,948.3</b>	<b>-18,692.6</b>	<b>-19,033.2</b>	<b>-19,360.7</b>
<b>1 Assets</b>	<b>3,760.0</b>	<b>3,855.2</b>	<b>3,690.1</b>	<b>3,463.4</b>	<b>4,874.8</b>	<b>5,350.7</b>	<b>5,265.1</b>	<b>5,304.6</b>	<b>5,760.4</b>	<b>5,350.7</b>	<b>5,554.2</b>	<b>5,426.9</b>
1.1 Equity and investment fund shares	3,083.0	3,163.0	3,063.0	2,872.3	4,068.4	4,516.3	4,267.8	4,250.7	4,698.1	4,516.3	4,663.2	4,594.4
1.1.1 In direct investment enterprises	2,965.0	2,974.0	2,873.0	2,679.4	3,874.2	4,318.6	4,072.8	4,054.7	4,503.5	4,318.6	4,463.5	4,585.0
1.1.2 In direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1.3 Between fellow enterprises	118.0	189.0	190.0	192.9	194.2	197.6	195.1	196.0	194.6	197.6	199.7	9.4
1.2 Debt instruments	677.0	692.2	627.1	591.1	806.3	834.4	997.2	1,053.9	1,062.3	834.4	891.0	832.5
1.2.1 In direct investment enterprises	608.7	641.5	572.1	521.8	558.9	610.1	563.1	580.6	572.1	610.1	635.4	645.4
1.2.2 In direct investor (reverse investment)	68.3	50.7	55.0	69.3	108.7	90.5	86.7	84.2	73.9	90.5	109.8	118.1
1.2.3 Between fellow enterprises	0.0	0.0	0.0	0.0	138.7	133.8	347.3	389.1	416.3	133.8	145.9	69.1
<b>2 Liabilities</b>	<b>24,022.3</b>	<b>22,025.7</b>	<b>22,688.6</b>	<b>21,873.7</b>	<b>24,275.2</b>	<b>24,043.3</b>	<b>25,020.2</b>	<b>25,583.2</b>	<b>24,708.8</b>	<b>24,043.3</b>	<b>24,587.3</b>	<b>24,787.6</b>
2.1 Equity and investment fund shares	17,885.9	17,008.3	17,302.4	16,175.1	17,895.2	18,617.0	18,395.5	18,892.6	18,173.4	18,617.0	18,750.8	19,278.2
2.1.1 In direct investment enterprises	17,885.9	17,008.3	17,302.4	16,175.1	17,895.2	18,617.0	18,395.5	18,892.6	18,173.4	18,617.0	18,750.8	19,278.2
2.1.2 In direct investor (reverse investment)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.3 Between fellow enterprises	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2 Debt instruments	6,136.5	5,017.4	5,386.2	5,698.5	6,380.1	5,426.3	6,624.7	6,690.6	6,535.4	5,426.3	5,836.6	5,509.4
2.2.1 In direct investment enterprises	4,131.0	4,143.1	4,082.4	3,521.6	3,781.1	3,658.4	3,811.6	3,906.9	3,750.1	3,658.4	3,884.0	3,785.9
2.2.2 In direct investor (reverse investment)	366.7	175.5	164.5	159.5	250.5	223.1	271.2	180.9	210.7	223.1	323.9	271.6
2.2.3 Between fellow enterprises	1,638.7	698.9	1,139.4	2,017.4	2,348.4	1,544.8	2,542.0	2,602.9	2,574.6	1,544.8	1,628.7	1,451.9

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <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), December 2010 (EUR -618.6m) and June 2014 (EUR 1,485.8m). <sup>c</sup> Revised data. <sup>d</sup> Preliminary data.

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

	2010	2011	2012	2013	2014	2015 <sup>c</sup>	2015				2016	
							Q1 <sup>c</sup>	Q2 <sup>c</sup>	Q3 <sup>c</sup>	Q4 <sup>c</sup>	Q1 <sup>c</sup>	Q2 <sup>d</sup>
<b>Portfolio investment (net)</b>	<b>-3,557.1</b>	<b>-4,354.6</b>	<b>-5,907.7</b>	<b>-7,358.7</b>	<b>-7,589.7</b>	<b>-8,389.3</b>	<b>-8,621.3</b>	<b>-8,721.5</b>	<b>-8,361.7</b>	<b>-8,389.3</b>	<b>-7,900.9</b>	<b>-8,293.0</b>
<b>1 Assets</b>	<b>3,547.8</b>	<b>2,805.7</b>	<b>3,169.1</b>	<b>3,281.5</b>	<b>3,724.8</b>	<b>4,008.7</b>	<b>3,986.6</b>	<b>3,811.3</b>	<b>3,773.3</b>	<b>4,008.7</b>	<b>3,869.3</b>	<b>3,483.3</b>
1.1 Equity and investment fund shares	1,240.6	1,124.8	1,305.1	1,527.9	1,671.8	2,002.5	1,903.2	1,891.3	1,816.9	2,002.5	1,882.1	1,735.3
1.1.1 Other monetary financial institutions	10.1	20.1	22.6	21.2	12.2	87.0	9.3	14.8	23.3	87.0	96.0	49.0
1.1.2 Other sectors	1,230.5	1,104.7	1,282.4	1,506.7	1,659.6	1,915.5	1,893.9	1,876.5	1,793.7	1,915.5	1,786.1	1,686.3
1.2 Debt securities	2,307.2	1,680.9	1,864.1	1,753.7	2,053.0	2,006.1	2,083.5	1,920.0	1,956.3	2,006.1	1,987.2	1,747.9
<b>2 Liabilities</b>	<b>7,104.9</b>	<b>7,160.2</b>	<b>9,076.8</b>	<b>10,640.3</b>	<b>11,314.5</b>	<b>12,397.9</b>	<b>12,607.9</b>	<b>12,532.8</b>	<b>12,135.0</b>	<b>12,397.9</b>	<b>11,770.2</b>	<b>11,776.3</b>
2.1 Equity and investment fund shares	698.8	518.8	387.0	438.0	577.5	576.0	582.8	593.6	574.2	576.0	583.6	583.6
2.1.1 Other monetary financial institutions	57.1	43.9	34.1	26.5	33.6	31.5	39.3	29.4	29.5	31.5	29.8	36.0
2.1.2 Other sectors	641.7	474.9	352.9	411.5	543.9	544.5	543.5	564.2	544.6	544.5	553.8	547.6
2.2 Debt securities	6,406.1	6,641.4	8,689.9	10,202.2	10,737.0	11,822.0	12,025.1	11,939.2	11,560.8	11,822.0	11,186.6	11,192.6
2.2.1 Long-term	5,937.8	6,483.4	8,572.5	10,132.6	10,628.9	11,745.8	11,959.6	11,860.2	11,478.9	11,745.8	11,093.7	11,110.2
2.2.1.1 General government	5,249.4	5,703.4	6,568.6	8,205.3	9,089.1	10,103.8	10,353.6	10,270.7	9,902.7	10,103.8	9,505.0	9,497.5
2.2.1.2 Other monetary financial institutions	8.9	1.9	8.9	3.8	2.5	2.0	2.7	2.7	6.3	2.0	6.6	6.7
2.2.1.3 Other sectors	679.5	778.1	1,995.0	1,923.6	1,537.4	1,640.1	1,603.4	1,586.8	1,569.8	1,640.1	1,582.0	1,606.0
2.2.2 Short-term	468.3	158.1	117.3	69.6	108.1	76.1	65.5	79.0	82.0	76.1	92.9	82.5
2.2.2.1 General government	468.3	157.9	117.2	69.6	83.6	8.1	36.6	24.1	9.6	8.1	24.1	1.6
2.2.2.2 Other sectors	0.0	0.1	0.1	0.0	24.5	68.0	28.9	54.9	72.4	68.0	68.9	80.8

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>c</sup> Revised data. <sup>d</sup> Preliminary data.

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

	2010	2011	2012	2013	2014	2015 <sup>c</sup>	2015				2016	
							Q1 <sup>c</sup>	Q2 <sup>c</sup>	Q3 <sup>c</sup>	Q4 <sup>c</sup>	Q1 <sup>c</sup>	Q2 <sup>d</sup>
Other investment (net)	-28,537.2	-29,226.4	-25,893.1	-25,101.6	-23,321.3	-22,258.4	-25,105.8	-23,986.2	-21,723.0	-22,258.4	-21,817.5	-20,585.6
1 Assets	5,828.6	5,512.0	5,328.0	4,956.0	6,225.5	6,027.2	5,364.1	6,176.9	7,099.2	6,027.2	5,463.8	6,144.3
1.1 Other equity	1.8	4.4	11.0	41.3	67.3	94.3	67.6	68.2	67.7	94.3	97.0	97.2
1.2 Currency and deposits	5,304.5	4,989.5	4,616.4	4,182.0	5,309.6	5,014.0	4,643.4	5,396.2	6,290.4	5,014.0	4,500.0	5,060.0
1.2.1 General government	0.0	0.0	0.0	0.3	158.8	89.6	150.7	129.1	103.2	89.6	109.2	61.1
1.2.2 Other monetary financial institutions	4,058.2	3,559.7	3,108.4	2,888.7	3,563.3	3,723.9	2,999.1	3,483.7	4,828.0	3,723.9	3,264.3	3,795.8
1.2.3 Other sectors	1,246.3	1,429.8	1,508.0	1,292.9	1,587.5	1,200.5	1,493.7	1,783.4	1,359.2	1,200.5	1,126.5	1,203.1
1.3 Loans	430.8	420.8	531.3	626.1	752.2	812.2	553.5	577.3	630.9	812.2	671.4	593.4
1.3.1 Central bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3.2 General government	0.0	0.0	0.0	0.0	14.8	30.9	14.3	12.9	26.7	30.9	33.4	33.2
1.3.2.1 Long-term	0.0	0.0	0.0	0.0	14.8	30.9	14.3	12.9	26.7	30.9	33.4	33.2
1.3.3 Other monetary financial institutions	291.8	276.2	355.8	369.0	432.7	660.1	428.1	448.2	484.7	660.1	514.4	430.0
1.3.3.1 Long-term	257.2	266.6	238.9	299.5	280.8	322.3	286.2	303.8	314.4	322.3	294.7	301.2
1.3.3.2 Short-term	34.6	9.6	117.0	69.5	151.9	337.8	141.9	144.5	170.4	337.8	219.7	128.9
1.3.4 Other sectors	139.0	144.6	175.5	257.1	304.7	121.1	111.1	116.2	119.5	121.1	123.6	130.2
1.3.4.1 Long-term	101.3	140.0	154.5	237.9	293.8	116.5	103.3	102.4	108.2	116.5	118.0	123.1
1.3.4.2 Short-term	37.7	4.6	21.0	19.2	10.9	4.6	7.8	13.9	11.3	4.6	5.6	7.1
1.4 Trade credit and advances	80.5	85.7	142.0	80.8	74.5	82.5	79.6	78.3	81.7	82.5	84.5	94.8
1.4.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4.2 Other sectors	80.5	85.7	142.0	80.8	74.5	82.5	79.6	78.3	81.7	82.5	84.5	94.8
1.4.2.1 Long-term	61.4	58.3	57.6	53.2	52.0	59.1	56.8	55.8	58.7	59.1	62.8	66.5
1.4.2.2 Short-term	19.2	27.4	84.3	27.6	22.6	23.4	22.8	22.5	23.0	23.4	21.7	28.3
1.5 Other accounts receivable	11.0	11.5	27.3	25.8	21.8	24.3	20.0	56.9	28.5	24.3	110.8	299.0
1.5.1 Central bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.9	258.1
1.5.2 Other monetary financial institutions	11.0	11.5	27.3	25.8	21.8	24.3	20.0	56.9	28.5	24.3	17.9	40.9
2 Liabilities	34,365.8	34,738.3	31,221.1	30,057.7	29,546.7	28,285.7	30,470.0	30,163.1	28,822.1	28,285.7	27,281.2	26,729.9
2.1 Other equity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2 Currency and deposits	6,795.2	7,699.0	5,731.3	5,668.4	5,242.8	4,499.3	5,567.2	5,483.9	4,958.1	4,499.3	4,139.5	4,091.8
2.2.1 Central bank	1.2	0.1	0.0	83.5	83.6	50.9	139.7	51.9	46.6	50.9	50.5	37.6
2.2.2 Other monetary financial institutions	6,794.1	7,699.0	5,731.3	5,584.9	5,159.2	4,448.4	5,427.6	5,432.1	4,911.4	4,448.4	4,089.0	4,054.2
2.2.3 Other sectors	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3 Loans	26,865.0	26,372.5	24,766.6	23,730.0	23,692.7	23,058.7	24,222.5	24,020.9	23,109.0	23,058.7	22,371.0	21,702.1
2.3.1 Central bank	0.0	0.0	0.0	0.0	0.0	1,238.2	674.2	840.3	568.1	1,238.2	1,437.8	1,045.1
2.3.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	1,238.2	674.2	840.3	568.1	1,238.2	1,437.8	1,045.1
2.3.2 General government	5,021.3	5,227.2	5,668.1	5,950.5	6,223.4	5,782.0	6,237.0	5,987.8	5,799.0	5,782.0	5,610.5	5,590.3
2.3.2.1 Long-term	5,021.3	5,227.2	5,667.2	5,750.5	6,223.2	5,782.0	6,237.0	5,987.8	5,799.0	5,782.0	5,610.5	5,590.3
2.3.2.2 Short-term	0.0	0.0	0.9	200.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3.3 Other monetary financial institutions	4,383.8	4,370.4	4,085.5	3,541.3	2,969.4	1,644.6	2,752.2	2,685.1	2,473.0	1,644.6	1,632.7	1,324.7
2.3.3.1 Long-term	3,436.0	3,844.4	3,568.8	2,984.0	2,558.7	1,579.1	2,351.0	2,349.2	2,389.8	1,579.1	1,500.8	1,182.8
2.3.3.2 Short-term	947.8	526.0	516.8	557.3	410.7	65.5	401.2	335.9	83.2	65.5	131.8	141.8
2.3.4 Other sectors	17,459.9	16,775.0	15,012.9	14,238.2	14,499.9	14,393.8	14,559.1	14,507.7	14,268.9	14,393.8	13,690.1	13,741.9
2.3.4.1 Long-term	16,578.2	15,893.6	14,061.0	13,727.0	13,884.7	13,918.0	13,973.6	14,075.1	13,787.4	13,918.0	13,421.9	13,435.9
2.3.4.2 Short-term	881.7	881.4	952.0	511.1	615.2	475.8	585.5	432.6	481.5	475.8	268.2	306.0
2.4 Trade credit and advances	323.8	170.1	312.2	294.5	221.0	294.4	264.5	243.0	320.2	294.4	358.8	520.2
2.4.1 General government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4.1.1 Long-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4.1.2 Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4.2 Other sectors	323.8	170.1	312.2	294.5	221.0	294.4	264.5	243.0	320.2	294.4	358.8	520.2
2.4.2.1 Long-term	293.0	135.9	134.1	179.3	143.3	181.6	182.2	151.2	177.9	181.6	217.5	322.8
2.4.2.2 Short-term	30.9	34.2	178.1	115.2	77.7	112.8	82.3	91.8	142.3	112.8	141.3	197.4
2.5 Other accounts payable	25.6	136.6	60.0	26.9	29.0	48.6	30.1	31.2	56.1	48.6	34.5	32.6
2.6 Special drawing rights	356.1	360.0	351.0	338.0	361.3	384.7	385.7	384.1	378.7	384.7	377.4	383.3

<sup>a</sup> As from CNB Bulletin No. 207, data have been compiled in accordance with the new methodology prescribed by the sixth edition of the Balance of Payments and International Investment Position Manual (BPM6) and the new sector classification of institutional units in line with ESA 2010. <sup>b</sup> The Croatian Bank for Reconstruction and Development is reclassified from Other sectors to sector General government. <sup>c</sup> Revised data. <sup>d</sup> Preliminary data.

## I Government finance – selected data

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

in million HRK

	2010	2011	2012	2013	2014	2015	2016				
							Mar.	Apr.	May	Jun.	Jul. <sup>c</sup>
<b>1 REVENUE (A+B)</b>	<b>110,831.6</b>	<b>110,406.1</b>	<b>112,883.5</b>	<b>112,051.1</b>	<b>118,066.9</b>	<b>128,675.2</b>	<b>9,730.5</b>	<b>11,181.6</b>	<b>12,104.0</b>	<b>12,514.0</b>	<b>10,462.3</b>
A) Budgetary central government	107,457.6	107,067.2	109,558.4	108,581.8	114,015.6	103,859.3	7,710.1	9,224.7	10,015.6	10,146.0	8,435.0
B) Extrabudgetary users	3,374.0	3,338.9	3,325.0	3,469.4	4,051.3	24,815.9	2,020.4	1,956.8	2,088.4	2,368.0	2,027.3
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	0.0
2 Croatian Institute for Health Insurance	0.0	0.0	0.0	0.0	0.0	19,755.3	1,641.9	1,659.2	1,784.0	1,683.4	1,742.5
3 Croatian Employment Service	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Croatian Waters	1,690.7	1,594.3	1,580.2	1,715.2	1,992.4	2,263.9	191.3	187.0	184.1	204.8	187.8
5 Fund for Environmental Protection and Energy Efficiency	1,040.7	1,091.3	1,056.7	1,039.1	1,168.7	1,613.8	113.1	113.3	81.5	99.3	83.0
6 Croatian Motorways Ltd.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 Croatian Roads Ltd.	86.2	57.5	55.4	51.5	54.0	95.7	4.5	-3.3	2.8	4.6	4.0
8 State Agency for Deposit Insurance and Bank Resolution	529.6	552.8	576.1	597.2	749.3	1,015.2	60.5	0.1	15.6	358.2	6.6
9 Centre for Restructuring and Sale <sup>b</sup>	26.7	43.0	56.7	66.4	87.0	71.8	9.0	0.5	20.5	17.7	3.4
<b>2 EXPENSE (A+B)</b>	<b>122,584.0</b>	<b>122,427.7</b>	<b>120,930.5</b>	<b>126,410.2</b>	<b>127,920.4</b>	<b>132,963.2</b>	<b>11,138.0</b>	<b>11,103.5</b>	<b>11,538.3</b>	<b>11,931.3</b>	<b>12,024.1</b>
A) Budgetary central government	118,312.3	118,224.1	117,051.0	121,822.3	123,671.9	110,738.8	9,242.8	9,253.5	9,751.6	9,630.2	10,183.6
B) Extrabudgetary users	4,271.7	4,203.6	3,879.5	4,587.9	4,248.5	22,224.4	1,895.2	1,850.0	1,786.6	2,301.2	1,840.5
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	0.0
2 Croatian Institute for Health Insurance	0.0	0.0	0.0	0.0	0.0	17,564.6	1,478.7	1,428.1	1,421.2	1,460.9	1,318.8
3 Croatian Employment Service	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Croatian Waters	1,771.2	1,458.2	1,455.5	1,512.7	1,525.9	1,727.0	126.9	154.9	158.8	206.7	282.3
5 Fund for Environmental Protection and Energy Efficiency	1,003.6	914.8	959.7	882.8	1,129.8	1,521.5	209.2	168.2	127.8	145.1	127.9
6 Croatian Motorways Ltd.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 Croatian Roads Ltd.	1,405.9	1,320.9	1,277.0	1,478.1	1,329.6	1,227.0	75.6	94.7	73.0	104.8	106.2
8 State Agency for Deposit Insurance and Bank Resolution	17.0	408.9	89.5	538.3	174.7	104.9	1.2	0.6	1.5	380.1	2.1
9 Centre for Restructuring and Sale <sup>b</sup>	74.0	100.8	97.8	176.1	88.5	79.4	3.6	3.5	4.4	3.6	3.4
<b>NET/GROSS OPERATING BALANCE (1-2)</b>	<b>-11,752.5</b>	<b>-12,021.6</b>	<b>-8,047.0</b>	<b>-14,359.0</b>	<b>-9,853.5</b>	<b>-4,287.9</b>	<b>-1,407.5</b>	<b>78.1</b>	<b>565.7</b>	<b>582.7</b>	<b>-1,561.8</b>
<b>3 CHANGE IN NET WORTH: TRANSACTIONS (3.1+3.2-3.3)</b>	<b>-11,752.5</b>	<b>-12,021.6</b>	<b>-8,047.0</b>	<b>-14,359.0</b>	<b>-9,853.5</b>	<b>-4,287.9</b>	<b>-1,407.5</b>	<b>78.1</b>	<b>565.7</b>	<b>582.7</b>	<b>-1,561.8</b>
3.1 CHANGE IN NET ACQUISITION OF NON-FINANCIAL ASSETS	2,679.3	3,372.5	3,133.1	3,653.6	3,215.1	4,629.3	232.9	269.9	268.3	370.8	373.8
Acquisition	3,005.8	3,751.9	3,442.3	3,941.9	3,908.4	5,276.8	265.2	300.5	300.1	404.3	403.7
A) Budgetary central government	1,550.7	1,486.0	1,108.0	1,564.0	1,857.0	3,152.0	196.5	197.7	180.5	258.0	281.3
B) Extrabudgetary users	1,455.1	2,265.9	2,334.3	2,377.9	2,051.4	2,124.8	68.7	102.7	119.6	146.2	122.4
Disposals	326.5	379.4	309.2	288.3	693.4	647.5	32.4	30.6	31.8	33.4	29.8
A) Budgetary central government	318.3	347.0	278.4	259.5	689.7	645.0	30.2	30.5	31.7	33.1	29.7
B) Extrabudgetary users	8.2	32.4	30.8	28.8	3.6	2.5	2.2	0.1	0.1	0.3	0.1
<b>NET LENDING/BORROWING (1-2-3.1)</b>	<b>-14,431.8</b>	<b>-15,394.1</b>	<b>-11,180.1</b>	<b>-18,012.6</b>	<b>-13,068.6</b>	<b>-8,917.3</b>	<b>-1,640.4</b>	<b>-191.8</b>	<b>297.4</b>	<b>211.9</b>	<b>-1,935.6</b>
<b>TRANSACTIONS IN FINANCIAL ASSETS AND LIABILITIES (FINANCING) (3.3-3.2)</b>	<b>14,431.8</b>	<b>15,394.1</b>	<b>11,180.1</b>	<b>18,012.6</b>	<b>13,068.6</b>	<b>8,917.3</b>	<b>1,640.4</b>	<b>191.8</b>	<b>-297.4</b>	<b>-211.9</b>	<b>1,935.6</b>
3.2 CHANGE IN NET ACQUISITION OF FINANCIAL ASSETS	2,816.6	-353.9	-165.7	14,146.1	-2,724.8	-3,541.7	-453.1	-1,514.5	-362.4	-275.6	1,378.1
3.2.1 Domestic	2,816.2	-359.2	-172.2	13,940.9	-2,930.8	-3,747.9	-454.5	-1,514.5	-556.9	-275.7	1,378.1
A) Budgetary central government	1,942.7	-818.0	-651.4	13,792.7	-3,998.8	-3,764.5	-193.9	-1,224.7	-496.1	-59.0	802.7
B) Extrabudgetary users	873.5	458.8	479.2	148.2	1,068.0	16.6	-260.6	-289.8	-60.9	-216.7	575.4
3.2.2 Foreign	0.0	0.0	0.0	204.3	206.0	206.2	1.4	0.0	194.5	0.1	0.0
A) Budgetary central government	0.4	5.3	6.5	205.2	206.0	206.2	1.4	0.0	194.5	0.1	0.0
B) Extrabudgetary users	0.4	5.3	6.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0
3.3 CHANGE IN NET INCURRENCE OF LIABILITIES	17,248.4	15,040.2	11,014.4	32,158.7	10,343.8	5,375.6	1,187.3	-1,322.7	-659.8	-487.5	3,313.7

	2010	2011	2012	2013	2014	2015	2016				
							Mar.	Apr.	May	Jun.	Jul. <sup>c</sup>
3.3.1 Domestic	12,892.5	6,448.4	2,958.3	10,585.8	5,868.2	1,528.6	2,750.3	-661.4	-818.6	-1,432.1	3,283.0
A) Budgetary central government	11,835.1	4,793.1	1,414.0	8,904.9	4,822.2	1,797.3	2,963.7	-511.5	-717.7	-1,295.0	2,839.1
B) Extrabudgetary users	1,057.4	1,655.3	1,544.3	1,680.8	1,046.0	-268.7	-213.4	-149.9	-100.9	-137.1	443.9
3.3.2 Foreign	4,355.9	8,591.8	8,056.0	21,573.0	4,475.6	3,847.0	-1,563.0	-661.3	158.8	944.6	30.8
A) Budgetary central government	4,277.0	8,597.2	8,125.2	21,534.8	4,524.1	3,826.5	-1,556.7	-647.3	172.3	973.7	31.1
B) Extrabudgetary users	79.0	-5.4	-69.2	38.2	-48.6	20.5	-6.2	-14.0	-13.5	-29.0	-0.3

<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.

<sup>b</sup> The Croatian Privatisation Fund (CPF) ceased to operate on 31 March 2011. The Agency for Management of the Public Property (AUDIO) operated from 1 April 2011 to 30 July 2013 and was composed of the CPF and the Central State Administrative Office for State Property Management (the former budget user). From 30 July 2013 onwards, the State Property Management Administration and the newly established Centre for Restructuring and Sale carry out the operations of the AUDIO. <sup>c</sup> Preliminary data.

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

Source: MoF.

Table I2 Budgetary central government operations<sup>a</sup>

in million HRK

	2010	2011	2012	2013	2014	2015	2016				
							Mar.	Apr.	May	Jun.	Jul. <sup>c</sup>
<b>1 REVENUE</b>	<b>107,466.4</b>	<b>107,069.7</b>	<b>109,558.9</b>	<b>108,585.0</b>	<b>114,044.5</b>	<b>109,110.9</b>	<b>8,170.3</b>	<b>9,728.4</b>	<b>10,499.1</b>	<b>10,636.8</b>	<b>8,898.1</b>
1.1 Taxes	62,856.6	61,422.2	64,693.9	63,044.9	63,349.9	68,280.8	5,188.9	6,196.7	6,709.5	5,987.2	5,612.9
1.2 Social contributions	38,712.4	38,605.1	37,845.9	37,149.3	41,701.5	22,853.4	1,785.8	1,842.8	1,881.9	1,866.3	1,869.4
1.3 Grants	637.1	869.0	968.4	1,737.8	2,268.0	10,025.6	749.5	1,147.4	949.9	2,102.9	557.7
1.4 Other revenue	5,260.3	6,173.4	6,050.8	6,653.0	6,725.1	7,951.2	445.9	541.6	957.7	680.4	858.1
<b>2 EXPENSE</b>	<b>120,323.3</b>	<b>119,939.5</b>	<b>118,730.0</b>	<b>123,505.9</b>	<b>125,689.5</b>	<b>115,455.8</b>	<b>9,613.5</b>	<b>9,645.8</b>	<b>10,120.6</b>	<b>10,109.5</b>	<b>10,694.9</b>
2.1 Compensation of employees <sup>b</sup>	31,096.5	31,737.4	31,383.2	30,461.8	30,032.0	25,570.5	1,538.5	1,559.4	1,553.5	1,572.1	1,706.4
2.2 Use of goods and services	7,655.7	7,943.6	7,406.3	7,537.4	7,186.0	10,471.1	723.1	889.6	834.0	829.6	767.8
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	0.0
2.4 Interest	6,236.5	7,097.6	8,335.7	9,259.2	9,911.1	10,621.3	1,561.2	484.1	1,085.9	378.6	1,894.8
2.5 Subsidies	6,582.2	6,555.3	5,762.3	5,537.8	5,174.5	6,426.0	203.3	1,019.1	944.7	1,169.3	365.9
2.6 Grants <sup>b</sup>	5,778.6	5,083.7	4,843.8	6,511.7	8,535.4	11,791.0	1,521.2	1,567.4	1,453.4	1,620.0	1,897.2
2.7 Social benefits	56,906.6	56,483.0	56,169.9	58,943.4	59,393.1	45,136.5	3,746.3	3,754.2	3,727.5	3,724.7	3,695.5
2.8 Other expense	6,067.3	5,039.1	4,828.9	5,254.6	5,457.4	5,439.4	319.9	372.0	521.7	815.3	367.3
<b>3 CHANGE IN NET WORTH: TRANSACTIONS</b>	<b>-12,857.0</b>	<b>-12,869.8</b>	<b>-9,171.1</b>	<b>-14,920.8</b>	<b>-11,645.0</b>	<b>-6,344.9</b>	<b>-1,443.3</b>	<b>82.6</b>	<b>378.5</b>	<b>527.3</b>	<b>-1,796.8</b>
3.1 Change in net acquisition of non-financial assets	1,232.4	1,139.0	829.6	1,304.5	1,167.3	2,507.0	166.3	167.3	148.9	224.9	251.5
3.1.1 Fixed assets	1,200.4	1,118.7	772.2	1,036.6	1,069.4	2,463.1	117.3	164.8	146.5	229.4	238.9
3.1.2 Inventories	11.0	2.5	29.3	225.5	-0.4	10.0	36.4	0.0	0.2	-6.9	0.5
3.1.3 Valuables	6.1	3.7	3.5	1.3	0.8	0.4	0.0	0.0	0.0	-0.1	0.0
3.1.4 Non-produced assets	14.9	14.0	24.7	41.1	97.4	33.6	12.6	2.4	2.2	2.4	12.1
3.2 Change in net acquisition of financial assets	2,022.7	-618.4	-461.5	14,214.4	-3,466.0	-3,228.1	-202.6	-1,243.4	-315.7	-19.0	821.8
3.2.1 Domestic	2,022.3	-623.8	-468.0	14,009.2	-3,672.0	-3,434.3	-204.0	-1,243.4	-510.2	-19.1	821.8
3.2.2 Foreign	0.4	5.3	6.5	205.2	206.0	206.2	1.4	0.0	194.5	0.1	0.0
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	0.0
3.3 Change in net incurrence of liabilities	16,112.0	13,390.4	9,539.2	30,439.8	9,346.3	5,623.8	1,407.0	-1,158.8	-545.4	-321.3	2,870.2
3.3.1 Domestic	11,835.1	4,793.1	1,414.0	8,904.9	4,822.2	1,797.3	2,963.7	-511.5	-717.7	-1,295.0	2,839.1
3.3.2 Foreign	4,277.0	8,597.2	8,125.2	21,534.8	4,524.1	3,826.5	-1,556.7	-647.3	172.3	973.7	31.1

<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> From January 2016, data on Compensation of employees no longer include expenses for employees in primary and secondary schools, but they are reclassified into given current grants to budget users of other budgets since schools are budget users of the budgets of units of local and regional self-government. <sup>c</sup> Preliminary data.

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

Source: MoF.

**Table I3 General government debt**  
end of period, in million HRK

	2010 Dec. <sup>a</sup>	2011 Dec. <sup>a</sup>	2012 Dec. <sup>a</sup>	2013 Dec. <sup>a</sup>	2014 Dec. <sup>a</sup>	2015 Dec.	2016			
							Mar.	Apr.	May	Jun.
<b>1 Domestic debt of general government</b>	<b>106,713.9</b>	<b>127,618.3</b>	<b>136,747.1</b>	<b>156,405.4</b>	<b>165,868.4</b>	<b>171,462.0</b>	<b>175,221.3</b>	<b>174,536.8</b>	<b>174,167.7</b>	<b>174,177.7</b>
1.1 Domestic debt of central government	103,140.8	123,934.1	133,139.0	151,826.0	160,889.2	166,771.4	170,803.5	170,205.7	169,967.2	170,011.6
Short-term debt securities	17,198.1	19,308.5	18,259.6	22,838.9	24,235.4	18,795.3	19,554.7	19,141.3	18,584.9	17,766.9
Long-term debt securities	49,323.8	56,256.2	63,539.7	72,884.6	83,754.5	94,224.1	99,597.7	99,937.7	100,088.5	100,784.1
Loans	36,618.9	48,369.3	51,339.6	56,102.5	52,899.3	53,751.9	51,651.2	51,126.7	51,293.8	51,460.7
1.2 Domestic debt of social security funds	1.0	2.3	1.6	0.9	3.5	1.9	1.8	1.8	1.5	1.4
Short-term debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	1.0	2.3	1.6	0.9	3.5	1.9	1.8	1.8	1.5	1.4
1.3 Domestic debt of local government	3,756.9	3,854.3	3,768.0	4,761.2	5,174.5	4,956.3	4,677.3	4,589.6	4,461.6	4,430.8
Short-term debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term debt securities	384.9	260.2	209.1	151.7	74.8	59.5	41.8	38.6	38.6	38.7
Loans	3,372.0	3,594.1	3,559.0	4,609.5	5,099.7	4,896.9	4,635.4	4,551.1	4,423.0	4,392.2
<b>2 External debt of general government</b>	<b>84,574.0</b>	<b>89,088.8</b>	<b>96,810.6</b>	<b>114,451.8</b>	<b>118,315.3</b>	<b>118,121.9</b>	<b>112,873.6</b>	<b>110,625.3</b>	<b>110,909.7</b>	<b>111,497.8</b>
2.1 External debt of central government	83,917.3	88,524.2	96,297.9	113,968.4	117,834.2	117,708.3	112,467.4	110,221.5	110,505.9	111,092.6
Short-term debt securities	3,520.5	1,205.3	895.1	539.8	642.5	62.7	183.3	181.9	22.2	8.7
Long-term debt securities	37,427.1	40,627.9	47,486.5	62,695.6	64,692.2	68,125.6	64,502.5	63,356.7	63,577.5	63,364.8
Loans	42,969.7	46,690.9	47,916.3	50,733.0	52,499.6	49,519.9	47,781.5	46,682.9	46,906.1	47,719.1
2.2 External debt of social security funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Short-term debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3 External debt of local government	656.7	564.6	512.7	483.4	481.0	413.6	406.2	403.8	403.8	405.2
Short-term debt securities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term debt securities	165.8	133.6	132.5	132.7	130.4	65.4	63.0	62.7	62.7	63.0
Loans	490.9	431.0	380.2	350.7	350.6	348.3	343.2	341.1	341.1	342.3
<b>3 Total (1+2)</b>	<b>191,287.9</b>	<b>216,707.1</b>	<b>233,557.7</b>	<b>270,857.3</b>	<b>284,183.7</b>	<b>289,583.9</b>	<b>288,094.9</b>	<b>285,162.2</b>	<b>285,077.4</b>	<b>285,675.5</b>
Supplement: General government guarantees										
Domestic debt	8,321.9	3,194.9	4,645.2	4,269.3	4,119.2	3,316.2	3,238.6	3,286.4	3,512.5	3,715.3
o/w: Guarantees for CBRD loans	1,177.3	802.0	1,232.1	1,197.2	2,161.8	1,397.5	1,298.3	1,390.9	1,388.7	1,346.8
External debt	6,958.2	5,174.6	4,721.4	4,405.4	4,208.4	4,002.7	3,945.9	3,904.1	3,899.1	3,763.5

<sup>a</sup> Data are revised since January 2000 due to further alignment with Eurostat's methodology according to the Manual on Government Deficit and Debt in the area of concessions and public-private partnerships.

**Table I3: General government debt • Up to September 2014,**

Table I3 showed general government debt in accordance with the European system of national and regional accounts in the European Union 1995 (ESA 1995). With the beginning of the implementation of the new methodology at the EU level in accordance with the European system of national and regional accounts in the European Union 2010 (ESA 2010) and in line with the accordingly revised Eurostat Manual on Government Deficit and Debt, starting from October 2014, the methodology has been aligned and data from the beginning of the series have been revised.

As from 31 December 2010, an official sector classification of institutional units in the Republic of Croatia is used, in accordance with the Decision on the statistical classification of institutional sectors issued by the Croatian Bureau of Statistics, which is based on ESA 2010 methodology which divides the general government into the following subsectors: central government, social security funds and local government.<sup>1</sup> Up to November 2010, the sector classification of institutional units was based on the prescribed Decision on the Chart of Accounts for Banks by the Croatian National Bank.

The source of primary data for domestic and external debt are general government units (the Ministry of Finance of the Republic of Croatia and other units of government authorities system, units of local and regional self-government, non-financial corporations allocated to the statistical definition of general government sector, etc.) in the part that relates to treasury bills, bonds and foreign loans and the Croatian National Bank in the part relating to loans of resident banks, the Croatian Bank for Reconstruction and Development (hereinafter: the CBRD) and the Croatian National Bank. Up to November 2010, data on resident bank loans were based on the reporting system in accordance with the Decision relating to the bank statistical report and from December 2010, the data are based on the reporting system in accordance with the Decision on statistical and prudential reporting.

Data are divided by creditor to domestic and external debt and by instrument categories, in accordance with ESA 2010, to short-term debt securities, long-term debt securities, and loans.

The stock of the category short-term debt securities includes

short-term debt securities with original maturity up to and including one year, such as treasury bills of the Ministry of Finance (issued in kuna, with a currency clause or denominated in foreign currency), eurobills of the Ministry of Finance and other money market instruments.

The stock of the category long-term debt securities includes long-term debt securities with original maturity of over one year, such as bonds issued on the domestic and foreign markets and long-term T-bills of the Ministry of Finance. Bonds issued abroad in one foreign currency and swapped into another foreign currency are treated as debt denominated in the currency of the swap transaction.

Starting from February 2002, debt securities issued abroad, owned by resident institutional units at the end of the reference period, were reclassified from external into domestic debt. Starting from December 2005, debt securities issued in the domestic market, owned by non-resident institutional units at the end of the reference period, were reclassified from domestic into external debt.

Loans include loans received from resident and non-resident creditors and, in accordance with the ESA 2010 methodology, assumed state-guaranteed loans given to institutional units whose guarantees were activated within a period of three years (the so-called third call criterion) or loans transferred by agreement from the original debtor to the state. In addition, harmonisation was carried out in conjunction with the methodology of the treatment of public-private partnerships and concessions.

The stock of t-bills regardless of original maturity is shown at nominal value, i.e. with the entire discount included. The stocks of bonds and loans include outstanding principal value, excluding accrued interest.

The stock of debt of a specific subsector of general government is consolidated within the subsector; the stock of domestic general government debt is also consolidated among the subsectors.

Shown below is data on the total stock of general government guarantees issued, reduced by guarantees given to other general government units. The sources of data are identical to those for loans.

<sup>1</sup> The scope of sector classification is shown in "Classification and presentation of data on claims and liabilities". Under the new sector classification ESA 2010, the central government comprises, in addition to the Croatian Radiotelevision, CBRD and public corporations Croatian Railways Infrastructure, Rijeka – Zagreb Motorway and Croatian Motorways (CM). From January 2008 on, CM is classified into the central government subsector, while it was shown under social security funds subsector in the previous series. Under ESA 2010, social security funds include the Croatian Pension Insurance Administration, the Croatian Institute for Health Insurance and the Croatian Employment Service. By way of exception, in this Table, the subsector social security funds in part 2 External debt comprises the debt of Croatian Roads and the State Agency for Deposit Insurance and Bank Resolution starting from (and including) December 1998 and up to December 2010, and in part 1 Domestic debt, starting from (and including) December 2002 and up to December 2010, social security funds include also the debt of Croatian Roads, Croatian Waters, Croatian Privatisation Fund/Government Asset Management Agency.

## J Non-financial statistics – selected data

Table J1 Consumer price and producer price indices

Year	Month	Basic indices				Chain indices				Monthly year-on-year indices			
		Consumer price indices, 2015 = 100 <sup>a</sup>			Industrial producer prices, 2010 = 100 <sup>b</sup>	Consumer price indices			Industrial producer prices <sup>b</sup>	Consumer price indices			Industrial producer prices <sup>b</sup>
		Total	Goods	Services		Total	Goods	Services		Total	Goods	Services	
2001	December	73.7	73.8	72.8	76.4	100.4	100.4	100.5	99.0	102.4	101.3	106.8	96.9
2002	December	75.0	74.6	76.2	78.1	100.4	100.6	99.6	99.9	101.8	101.1	104.6	102.3
2003	December	76.3	75.8	77.8	78.9	100.3	100.2	100.5	100.0	101.7	101.6	102.2	101.0
2004	December	78.4	77.7	80.6	82.7	100.7	100.9	100.2	99.3	102.7	102.5	103.6	104.8
2005	December	81.2	80.4	83.9	84.5	100.5	100.5	100.5	99.7	103.6	103.5	104.1	102.7
2006	December	82.9	81.9	86.7	86.1	100.0	100.0	100.2	100.0	102.0	101.4	104.2	101.9
2007	December	87.7	87.4	89.1	91.2	101.2	101.2	101.3	100.4	105.8	106.6	103.4	105.9
2008	December	90.2	89.6	92.8	95.1	99.4	99.1	100.5	98.7	102.9	102.4	104.3	104.3
2009	December	91.9	90.7	96.5	96.6	99.4	99.3	100.2	100.0	101.9	101.3	103.9	101.6
2010	December	93.6	92.8	96.8	102.1	100.0	100.1	99.9	101.0	101.8	102.2	100.3	105.7
2011	December	95.6	95.5	95.8	108.0	99.6	99.6	99.6	99.8	102.1	103.0	98.9	105.8
2012	December	100.0	100.8	97.7	115.4	99.9	99.9	99.7	100.0	104.7	105.5	102.0	106.9
2013	December	100.3	101.0	98.1	112.4	99.8	99.8	100.0	100.0	100.3	100.2	100.4	97.4
2014	December	99.8	99.8	99.9	108.6	99.1	98.9	100.0	98.8	99.5	98.8	101.8	96.6
2015	September	100.0	99.7	100.9	105.8	100.4	100.4	100.5	99.5	99.2	98.6	101.0	95.3
	October	100.1	100.0	100.1	105.8	100.1	100.3	99.2	100.0	99.1	98.8	100.1	95.4
	November	99.8	99.8	99.8	105.2	99.7	99.8	99.7	99.5	99.1	98.9	99.9	95.8
	December	99.2	99.0	99.9	104.1	99.4	99.2	100.1	98.6	99.4	99.2	100.0	95.9
2016	January	98.5	98.0	99.9	103.1	99.3	99.0	100.0	98.8	99.2	98.9	100.1	97.2
	February	98.2	97.6	99.8	102.3	99.7	99.6	100.0	99.3	98.6	98.1	100.0	95.2
	March	98.8	98.5	99.7	103.4	100.7	101.0	99.9	101.1	98.3	97.8	100.1	95.0
	April	98.9	98.6	99.9	101.9	100.1	100.1	100.1	98.6	98.3	97.7	100.2	94.2
	May	99.1	99.0	99.5	102.0	100.2	100.4	99.7	100.1	98.2	97.7	99.8	93.7
	June	99.0	98.8	99.9	103.2	99.9	99.7	100.3	101.2	98.4	98.0	99.9	95.2
	July	98.3	97.6	100.3	102.5	99.3	98.8	100.4	99.3	98.5	97.9	100.0	95.0
	August	98.1	97.3	100.4	101.1	99.8	99.7	100.1	98.6	98.5	97.9	99.9	95.0

<sup>a</sup> In January 2016, the Croatian Bureau of Statistics started publishing consumer price indices on a new base (2015, while the old base was 2010). Therefore, the basic indices for the period from January 1998 to December 2015 have been recalculated to a new base (2015 = 100). <sup>b</sup> On the domestic market.

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

Year	Month	Basic indices, 2015 = 100			Chain indices			Year-on-year indices		
		Total	Goods	Services	Total	Goods	Services	Total	Goods	Services
2001	December	78.2	79.1	73.5	99.8	99.7	100.3	101.2	100.8	103.8
2002	December	79.1	79.9	75.2	100.0	100.1	99.4	101.2	101.0	102.4
2003	December	80.1	80.6	77.5	100.2	100.1	101.0	101.2	100.9	103.0
2004	December	81.9	82.4	79.7	100.1	100.1	100.4	102.3	102.2	102.9
2005	December	84.4	84.7	82.7	100.1	100.0	100.5	103.0	102.9	103.7
2006	December	86.3	86.6	84.7	99.8	99.7	100.3	102.3	102.2	102.5
2007	December	90.6	91.2	87.7	100.8	100.8	100.4	105.0	105.3	103.5
2008	December	94.4	94.9	92.1	99.4	99.3	100.2	104.2	104.0	105.0
2009	December	94.6	94.7	94.2	98.8	98.6	100.2	100.2	99.8	102.4
2010	December	94.7	94.8	94.0	99.1	99.0	99.7	100.1	100.1	99.8
2011	December	97.4	97.9	95.0	99.5	99.4	100.1	102.9	103.3	101.1
2012	December	99.4	99.8	97.7	99.4	99.2	100.0	102.0	101.9	102.8
2013	December	100.0	100.2	98.6	99.1	98.9	100.0	100.6	100.5	100.9
2014	December	99.6	99.4	100.3	99.0	98.7	100.1	99.6	99.2	101.7
2015	September	100.3	100.3	100.5	100.7	101.0	99.7	100.2	100.4	99.7
	October	100.5	100.9	99.3	100.2	100.6	98.8	100.0	100.4	98.9
	November	100.3	100.7	99.1	99.8	99.8	99.8	99.7	100.0	98.8
	December	99.6	99.7	99.2	99.3	99.1	100.1	100.0	100.3	98.9
2016	January	98.8	99.2	99.2	99.3	99.0	100.0	99.6	99.7	99.0
	February	98.6	98.4	99.1	99.7	99.6	100.0	99.3	99.3	99.0
	March	99.4	99.5	99.0	100.8	101.2	99.9	99.5	99.6	99.1
	April	99.8	100.0	99.2	100.4	100.5	100.2	99.4	99.4	99.2
	May	99.8	100.1	98.7	100.0	100.1	99.5	99.2	99.4	98.7
	June	99.5	99.6	99.2	99.7	99.5	100.5	99.1	99.1	99.0
	July	98.8	98.4	99.8	99.3	98.8	100.6	99.2	99.2	99.0
	August	98.9	98.6	99.9	100.1	100.1	100.1	99.3	99.3	99.1

Source: CBS.

**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 35.23% in the basket in 2013 (agricultural products 5.53 percentage points, and administrative products 29.70 percentage points) and are assigned a zero weight.

**Table J3: House price indices** • Developed in cooperation by the Croatian Bureau of Statistics (CBS) and the Croatian National Bank (CNB), the house price index (HPI) replaced the hedonic real estate price index (HREPI), which the Croatian National Bank had been compiling on its own until the second quarter of 2015 (Table J3a). The house price index measures trends in the market prices of residential properties purchased by households, irrespective of the property's previous owner or intended use. The market price includes the value of the land. The index comprises all data on transactions in real property (houses and apartments) in the Republic of Croatia, collected from real property transfer tax returns filed with the Ministry of Finance (Tax Administration) according to preset deadlines. The house price index is compiled pursuant to Commission Regulation

(EU) No 93/2013 of 1 February 2013 laying down detailed rules for the implementation of Council Regulation (EC) No 2494/95 concerning harmonised indices of consumer prices, as regards owner-occupied housing price indices, for the categories of new and existing dwellings and for the category "total" at the level of the Republic of Croatia. To meet user needs, the CBS additionally defined three geographical areas – the City of Zagreb, the Adriatic Coast and the rest of Croatia ("Other"). The house price index is calculated in accordance with the methodological guidelines contained in Eurostat's "Handbook on Residential Property Prices Indices". The main source of data for the compilation of weights is the value of transactions in residential properties purchased in the previous year. The weights are recalculated according to trends in residential property prices in the last quarter of the previous year. The index is calculated on the basis of predefined hedonic regression models, whose variables are defined based on available data on residential property features. For the period until the end of 2011, indices are calculated using the time dummy variable method, and for the period from the first quarter of 2012 onwards, due to the availability of a wider range of data on residential property features, using the rolling window time dummy variable method. The indices are then aggregated according to the Laspeyres formula to higher levels and to the total level.

Table J3 House price indices

Year	Quarter	Basic indices, 2010 = 100					Year-on-year rate of change					Rate of change from the previous quarter				
		Total	New dwellings	Existing dwellings	City of Zagreb	Adriatic coast	Other	Total	New dwellings	Existing dwellings	City of Zagreb	Adriatic coast	Other	Total	New dwellings	Existing dwellings
2010		100.0	100.0	100.0	100.0	100.0	100.0	-6.3	-7.8	-5.2	-8.9	-4.4	-4.0	...	...	...
2011		100.2	101.8	99.0	99.6	101.2	99.5	0.2	1.8	-1.0	-0.4	1.2	-0.5	...	...	...
2012		98.6	101.5	96.5	97.7	99.4	99.0	-1.6	-0.3	-2.5	-2.0	-1.8	-0.5	...	...	...
2013		94.7	98.0	92.4	92.0	96.5	95.0	-4.0	-3.5	-4.2	-6.8	-3.0	-4.1	...	...	...
2014		93.2	95.9	91.2	90.8	94.5	94.2	-1.6	-2.1	-1.3	-1.3	-2.1	-0.8	...	...	...
2015		90.5	90.0	90.0	88.9	91.4	91.7	-2.9	-6.1	-1.4	-2.1	-3.3	-2.7	...	...	...
2010	Q1	101.5	102.6	100.5	102.8	100.2	100.8	-8.6	-7.8	-9.2	-10.6	-6.6	-7.7	-1.9	-1.4	-2.4
	Q2	100.0	99.2	100.7	98.8	101.2	100.7	-6.8	-9.8	-4.5	-10.4	-3.5	-4.1	-1.4	-3.3	0.2
	Q3	99.1	98.7	99.5	99.6	98.3	99.5	-5.9	-9.3	-3.4	-6.9	-5.7	-3.9	-0.9	-0.5	-1.2
	Q4	99.4	99.5	99.3	98.9	100.3	99.0	-3.9	-4.3	-3.6	-7.4	-1.5	0.1	0.3	0.9	-0.3
2011	Q1	98.5	98.4	98.6	97.9	99.1	98.8	-2.9	-4.1	-2.0	-4.7	-1.1	-2.0	-0.9	-1.2	-0.7
	Q2	100.1	101.7	98.9	99.1	101.7	99.0	0.0	2.5	-1.8	0.4	0.5	-1.8	1.6	3.4	0.3
	Q3	100.8	102.6	99.5	100.4	101.8	99.6	1.6	3.9	-0.1	0.8	3.5	0.1	0.7	0.8	0.6
	Q4	101.4	104.4	99.2	101.0	102.2	100.7	2.0	4.9	-0.1	2.2	2.0	1.7	0.6	1.8	-0.3
2012	Q1	100.8	103.9	98.6	100.0	101.7	100.7	2.3	5.6	0.0	2.1	2.6	2.0	-0.6	-0.5	-0.6
	Q2	99.5	102.8	97.1	98.1	100.6	99.9	-0.6	1.0	-1.8	-1.0	-1.1	0.9	-1.3	-1.1	-1.5
	Q3	98.8	101.6	96.7	97.3	99.8	99.6	-2.0	-1.0	-2.8	-3.2	-1.9	0.0	-0.7	-1.2	-0.4
	Q4	95.4	97.8	93.7	95.4	95.5	95.9	-5.9	-6.4	-5.6	-5.6	-6.6	-4.8	-3.4	-3.8	-3.2
2013	Q1	95.3	99.7	92.4	93.6	96.7	95.0	-5.5	-4.1	-6.3	-6.4	-5.0	-5.7	-0.1	2.0	-1.4
	Q2	94.7	97.3	92.8	91.7	96.2	96.2	-4.8	-5.3	-4.4	-6.6	-4.3	-3.7	-0.6	-2.4	0.5
	Q3	95.0	98.3	92.7	91.7	97.8	93.4	-3.8	-3.2	-4.1	-6.7	-2.0	-6.3	0.3	1.1	-0.1
	Q4	93.8	96.7	91.8	91.0	95.2	95.3	-1.7	-1.1	-2.0	-4.6	-0.3	-0.6	-1.3	-1.7	-1.0
2014	Q1	93.2	94.8	91.7	90.7	94.4	94.6	-2.2	-4.9	-0.7	-3.1	-2.3	-0.4	-0.7	-2.0	0.0
	Q2	94.0	95.6	92.5	90.9	95.7	94.9	-0.8	-1.7	-0.4	-0.9	-0.5	-1.4	0.9	0.9	0.9
	Q3	93.2	97.1	90.7	90.9	93.9	96.3	-1.9	-1.3	-2.1	-0.9	-4.0	3.2	-0.8	1.6	-1.9
	Q4	92.5	96.2	90.0	90.8	94.0	91.2	-1.4	-0.5	-1.9	-0.2	-1.3	-4.4	-0.8	-0.9	-0.8
2015	Q1	91.5	90.8	91.0	90.3	92.3	91.9	-1.8	-4.2	-0.8	-0.4	-2.2	-2.9	-1.1	-5.6	1.1
	Q2	89.7	88.8	89.4	88.7	90.0	92.1	-4.5	-7.1	-3.4	-2.3	-6.0	-2.9	-1.9	-2.2	-1.8
	Q3	90.4	90.9	89.4	88.8	91.4	90.9	-3.1	-6.4	-1.5	-2.3	-2.6	-5.6	0.7	2.3	0.0
	Q4	90.5	89.6	90.1	87.6	91.9	91.8	-2.1	-6.9	0.1	-3.5	-2.2	0.7	0.1	-1.5	0.8
2016	Q1	91.6	89.2	91.5	89.3	93.0	91.9	0.2	-1.8	0.6	-1.2	0.8	0.0	1.2	-0.4	1.5
	Q2	90.8	86.2	91.1	88.8	91.7	92.2	1.2	-2.9	1.9	0.1	1.9	0.0	-0.9	-3.3	-0.5

Source: CBS.

Table J3a Hedonic real estate price index

Year	Quarter	Basic indices, 2010 = 100			Year-on-year rate of change			Rate of change from the previous quarter		
		Croatia	Zagreb	Adriatic coast	Croatia	Zagreb	Adriatic coast	Croatia	Zagreb	Adriatic coast
2001		61.5	65.5	49.9	1.9	-3.7	31.2	....	....	....
2002		64.9	67.9	56.2	5.6	3.7	12.7	....	....	....
2003		67.0	70.8	56.0	3.2	4.2	-0.5	....	....	....
2004		74.5	78.0	64.3	11.2	10.2	14.8	....	....	....
2005		82.9	85.5	75.0	11.2	9.7	16.7	....	....	....
2006		97.5	101.7	85.2	17.7	18.9	13.7	....	....	....
2007		109.2	112.7	99.1	12.0	10.8	16.3	....	....	....
2008		113.0	115.7	105.3	3.5	2.6	6.2	....	....	....
2009		108.8	109.5	106.9	-3.8	-5.3	1.5	....	....	....
2010		100.0	100.0	100.0	-8.1	-8.6	-6.4	....	....	....
2011		96.3	94.9	99.5	-3.7	-5.1	-0.5	....	....	....
2012		97.3	97.0	97.9	1.0	2.2	-1.6	....	....	....
2013		81.2	82.5	78.4	-16.5	-14.9	-19.9	....	....	....
2014		79.3	80.1	77.8	-2.3	-2.9	-0.8	....	....	....
2014	Q1	77.4	81.2	69.2	-9.7	-8.0	-13.2	-2.8	2.1	-13.2
	Q2	77.9	79.3	74.8	-2.8	-2.9	-2.4	0.6	-2.3	8.0
	Q3	81.6	80.2	84.5	2.6	-0.3	9.1	4.8	1.1	13.1
	Q4	80.5	79.5	82.6	1.2	0.0	3.6	-1.3	-0.8	-2.3
2015	Q1	78.3	81.3	72.5	1.2	0.1	4.7	-2.7	2.2	-12.3
	Q2	80.2	81.2	78.1	3.0	2.4	4.5	2.4	0.0	7.9

**Table J3a Hedonic real estate price index** • The Croatian National Bank started methodological work on developing a hedonic real estate price index (HREPI)<sup>2</sup> in 2008. By using data on realised transactions and estimates of realised transactions from the database of *Hrvatska burza nekretnina* (Croatian association of real estate agencies) as input data, an econometric model was constructed to create a hedonic real estate price index (HREPI), which is methodologically consistent with the Eurostat's Handbook on Residential Property Prices Indices<sup>3</sup>. From the first quarter of 1997, the HREPI is reported on a quarterly and annual basis at the level of the Republic of Croatia and two regions: the City of Zagreb and the Adriatic coast. The main idea behind the methodology used to calculate the index is that buyers determine the usefulness of a real estate based on its characteristics and therefore it is necessary to determine the prices of those

characteristics (attributes), the so-called implicit prices. However, as there is no market for individual attributes of residential property, their prices are estimated by simple econometric models. After estimating prices of individual attributes, it is possible to determine a pure price of each real estate property, i.e. a price adjusted by the impact of individual attributes of a given real estate, such as its location, floor area, the number of rooms, etc. The movements of pure prices are directly used to calculate the HREPI. Under this methodology, such an index, in contrast with indices based on average prices or medians of a square meter of floor space, adjusts price movements for possible biases in the data caused by the fact that, for example, an unusually large number of real estate properties of above- or below-average quality have been sold in a certain period.

2 The methodology used is described in detail in Kunovac, D. et al. (2008): *Use of the Hedonic Method to Calculate an Index of Real Estate Prices in Croatia*, Working Papers, W-19, CNB.

3 [http://epp.eurostat.ec.europa.eu/portal/page/portal/hicp/methodology/hps/rppi\\_handbook](http://epp.eurostat.ec.europa.eu/portal/page/portal/hicp/methodology/hps/rppi_handbook)

Table J4 Average monthly net wages<sup>a</sup>

in current prices, in kuna

Year	Month	Nominal amount in kuna	Chain indices	Monthly year-on-year indices	Cumulative year-on-year indices
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	December	5,487.0	96.6	99.9	100.7
2013	December	5,556.0	98.6	101.3	100.7
2014	December	5,716.0	101.5	102.9	100.3
2015	August	5,575.0	....	103.2	....
	September	5,545.0	....	101.9	....
	October	5,630.0	....	103.4	....
	November	5,689.0	....	105.8	....
	December	5,648.0	....	104.3	....
2016	January	5,646.0	100.0	101.7	101.7
	February	5,652.0	100.1	102.7	102.2
	March	5,722.0	101.2	101.9	102.1
	April	5,633.0	98.4	100.7	101.7
	May	5,706.0	101.3	102.1	101.8
	June	5,686.0	99.6	100.8	101.6
	July	5,594.0	98.4	100.8	101.5

<sup>a</sup> From January 2016, data on average monthly net wages for the period from January 2015 onwards were obtained by using administrative data from the JOPPD form and, therefore, are not comparable with previously published monthly data (January 1992 – December 2014).

Source: CBS.

**Table J4 Average monthly net wages** • The average monthly paid off net wage in the Republic of Croatia is calculated and published by the Croatian Bureau of Statistics (CBS). In accordance with the definition, the average monthly paid off net wage comprises income of a person in employment earned for work done during regular working hours as well as annual leave, paid leave, public holidays and day-offs as prescribed by law, sickness leave up to 42 days, absence for continuing professional education, during lay-off and job stop caused against person's will

and of no fault of his own, worker's meals and net pays on the basis of compensations, allowances and rewards in sums which are subject to contributions, taxes and surtaxes. From January 2016, data on the average monthly paid off net wages for the period from January 2015 onwards were gathered by processing the administrative sources of data from the "Report on income, income tax and surtax as well as contributions for mandatory insurances" – JOPPD forms and are not comparable to previously published monthly data.

Table J5 Consumer confidence index, consumer expectations index and consumer sentiment index  
index points, original data

Year	Month	Composite indices			Response indices (I)						
		Consumer confidence index	Consumer expectations index	Consumer sentiment index	I1	I2	I3	I4	I7	I8	I11
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	December	-47.1	-33.5	-52.6	-42.1	-23.1	-71.4	-43.9	59.1	-44.2	-62.3
2013	December	-40.7	-26.3	-45.9	-34.5	-17.4	-61.9	-35.2	49.9	-41.3	-60.4
2014	December	-35.6	-24.3	-42.4	-31.4	-16.7	-57.0	-31.9	39.3	-38.7	-54.5
2015	October	-21.9	-9.0	-27.9	-19.8	-6.8	-27.9	-11.2	17.1	-36.0	-52.5
	November	-18.3	-2.8	-25.1	-15.3	-1.4	-24.8	-4.3	18.3	-35.3	-49.1
	December	-19.3	-3.9	-25.5	-15.4	-2.6	-26.2	-5.2	18.8	-34.9	-50.7
2016	January	-13.9	0.1	-20.2	-10.7	2.5	-19.6	-2.2	10.4	-30.1	-45.6
	February	-15.6	-2.8	-23.3	-14.9	-0.2	-19.9	-5.4	8.9	-35.0	-48.1
	March	-18.3	-7.6	-24.9	-15.4	-2.2	-27.5	-13.1	10.4	-31.8	-47.7
	April	-19.1	-8.1	-24.6	-17.9	-3.4	-26.6	-12.8	8.3	-29.3	-52.0
	May	-22.7	-13.6	-28.3	-18.9	-6.1	-33.5	-21.0	14.0	-32.5	-49.7
	June	-21.6	-13.3	-27.2	-14.1	-2.6	-40.4	-24.0	13.0	-27.2	-46.7
	July	-22.7	-13.7	-28.4	-16.6	-6.6	-40.2	-20.8	16.2	-28.5	-47.1
	August	-23.6	-12.7	-27.1	-17.1	-8.3	-35.1	-17.2	19.4	-29.1	-49.7
	September	-17.7	-5.3	-24.9	-14.5	-3.7	-28.5	-6.9	12.7	-31.8	-47.7

Sources: Ipsos and CNB.

Table J5 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:

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

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 October 2016

### Authorised banks

1. Addiko Bank d.d., Zagreb
2. Banka Kovanica d.d., Varaždin
3. Croatia banka d.d., Zagreb
4. Erste&Steiermärkische Bank d.d., Rijeka
5. Hrvatska poštanska banka d.d., Zagreb
6. Imex banka d.d., Split
7. Istarska kreditna banka Umag d.d., Umag
8. Jadranska banka d.d., Šibenik
9. Karlovačka banka d.d., Karlovac
10. KentBank d.d., Zagreb
11. Kreditna banka Zagreb d.d., Zagreb
12. OTP banka Hrvatska d.d., Zadar
13. Partner banka d.d., Zagreb
14. Podravska banka d.d., Koprivnica
15. Primorska banka d.d., Rijeka
16. Privredna banka Zagreb d.d., Zagreb
17. Raiffeisenbank Austria d.d., Zagreb
18. Samoborska banka d.d., Samobor
19. Sberbank d.d., Zagreb
20. Slatinska banka d.d., Slatina
21. Société Générale – Splitska banka d.d., Split
22. Štedbanka d.d., Zagreb
23. Vaba d.d. banka Varaždin, Varaždin
24. Veneto banka d.d., Zagreb
25. 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 and 25/2013)

### 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. Banka splitsko-dalmatinska d.d., Split	1/7/2016
4. Centar banka d.d., Zagreb	30/9/2013
5. Credo banka d.d., Split	16/1/2012
6. Glumina banka d.d., Zagreb	30/4/1999
7. Hrvatska gospodarska banka d.d., Zagreb	19/4/2000
8. Ilirija banka d.d., Zagreb	6/4/1999
9. Nava banka d.d., Zagreb	1/12/2014
10. Trgovačko-turistička banka d.d., Split	8/9/2000

### 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 (now INTERNET MOBILE BANK d.d., Križevci)	3/1/2005
3. Obrtnička štedna banka d.d., Zagreb	22/12/2010

### 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

### Representative offices of foreign banks

In accordance with Article 95 of the Credit Institutions Act (OG 159/2013, 19/2015 and 102/2015), the Croatian National Bank keeps a register of representative offices of credit institutions in the Republic of Croatia. Representative offices of third-country credit institutions in the Republic of Croatia are established following an authorisation obtained from the Croatian National Bank. There are currently no representative offices of third-country credit institutions established in the Republic of Croatia. No registration requirement exists for representative offices of EU credit institutions.

**Branches of foreign credit institutions**

Name of branch	Date of entry in the register of companies
1. BKS Bank AG, Glavna podružnica Rijeka	26/9/2016



## Management of the Croatian National Bank

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1 October 2016

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

Chairman of the Council	Boris Vujčić
Members of the Council	Neven Barbaroša
	Bojan Fras
	Michael Faulend
	Relja Martić
	Damir Odak
	Tomislav Presečan
	Vedran Šošić

### Management of the CNB

Governor	Boris Vujčić
Deputy Governor	Relja Martić
Vicegovernor	Vedran Šošić
Vicegovernor	Damir Odak
Vicegovernor	Tomislav Presečan
Vicegovernor	Bojan Fras
Vicegovernor	Michael Faulend
Vicegovernor	Neven Barbaroša

### Executive directors

Research Area	Ljubinko Jankov
Statistics Area	Tomislav Galac
Central Banking Operations Area	Irena Kovačec
Prudential Regulation and Supervision Area	Željko Jakuš
Payment Operations Area	Ivan Biluš
International Relations And Resolvability Assessment Area	Sanja Tomičić
Planning, Controlling and Accounting Area	Diana Jakelić
Information Technology Area	Mario Žgela
Support Services Area	Boris Zaninović
Communications Area	Alemka Lisinski

## 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 Resolution
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
FISIM	– financial intermediation services indirectly measured
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
NCB	– national central bank
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
SGP	– Stability and Growth Pact
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
CNY	– Yuan Renminbi
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





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