

CEE Insights

Fixed Income and Foreign Exchange

Looking ahead this week...

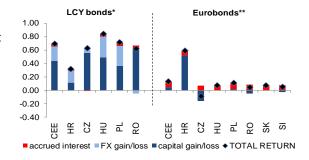
Monday	Tuesday	Wednesday	Thursday	Friday	
	HR: Industry, Retail Sales SK: Current Account	SI, HR: Flash 1Q17 GDP PL, RS: 1Q17 GDP details SI, PL: Flash inflation	CZ, HU, PL: Manufacturing PMIs	RO: Retail Sales CZ: 1Q17 GDP details	

Click for: this week's detailed releases/events, market forecasts, macro forecasts

After the relatively calm beginning for this week, Wednesday will be especially crowded with data releases, with both Slovenia and Croatia coming out with 1Q17 GDP figures. We expect the growth to have been driven by private consumption in these two countries. Poland will release detailed GDP figures as well on Wednesday (investment dynamics should be watched closely), while detailed first quarter GDP numbers will be disclosed in the Czech Republic on Friday. Thursday will see fresh manufacturing PMIs from the Czech Republic, Hungary and Poland, which likely have remained strong, although some moderation cannot be ruled out from the near-record levels, especially in the Czech case.

In case you missed it last week...

- EC recommended Croatia exit EDP, but advised Romania to come up with fiscal consolidation
- Romania boasted budget surplus in April (YTD)
- MNB left base rate unchanged in Hungary at 0.9% and kept dovish tone, as expected; 12M FX swaps deployed to add liquidity
- CNB Governor Rusnok indicated no need to hike prematurely, despite koruna gaining less than expected in Czech Republic
- We see downside risks to our Serbian GDP call of 3% for FY17, but could revise our currency forecast towards stronger dinar
- For other events last week, please check respective countries: <u>HR, CZ, HU, PL, RO, TR, SI, SK, SR</u>



On Radar

Household savings have been growing in CEE, despite the very low interest environment. The main reason behind that is further improvement on labor markets - falling unemployment rates and a revival of nominal wage growth. The latter was obviously the main contributor to the 12% y/y growth of savings in Romania (as of March 2017), the highest in the region. While low interest rates have not resulted in an overall lower amount of deposits (except for Croatia), they have affected the structure of deposits in a big way. With diminishing term premiums, term deposits have been losing their attractiveness and thus more money has been parked in sight deposits. Alternative investments, especially mutual funds, have enjoyed strong inflows, with Croatia and the Czech Republic exhibiting double-digit growth. In Hungary, the most dynamic segment of savings has been retail bonds, which have been competing with mutual funds and term deposits. Size-wise, the amount of savings in retail bonds exceeded the amount of savings in mutual funds, standing at 58% of retail deposits as of March 2017. In any case, this is the most expensive method of borrowing for governments, which is why retail bond issuance is relatively scarce in CEE. (For further details, see the next page.)

Households have been putting more savings into sight deposits at the expense of term deposits

Savings on the rise in CEE, despite low interest rate environment

How has saving behavior changed in CEE in an environment of low interest rates?'

Croatia: In the current environment of falling interest rates on both LCY and FX deposits, the saving profile of Croatian households has changed notably in the last couple of years. The most recent data shows that the fall in savings deposits continued in 2017; in 1Q17, FX and LCY savings deposits were around 10% lower y/y. On the other hand, demand deposits increased by approx. 20% y/y. As for the alternative savings channels, we could see an increase of investments in UCITS funds, where retail clients increased their positions by around 30% y/y at the end of 2016 (last available data). We expect similar developments to continue throughout 2017, although the Agrokor case could lead to a partial slowdown of flows to UCITS.

Czech Republic: The favorable development of the Czech economy, together with the low interest rate environment, has affected both the structure of deposits and the volume of loans. There was a clear shift from term deposits to sight deposits, due to the low interest rates. The ratio of all household deposits to nominal household consumption rose 14pp between 2010 and 2016. The ratio of mutual fund holdings to nominal household consumption rose 6pp. On the other hand, reserves in life insurance grew only very slowly. The ratio of outstanding mortgages to nominal household consumption grew 11pp. No such rise has been observed for consumer loans.

Hungary: Savings in financial instruments as a proportion of GDP has been increasing and reached 127% by 2016. The structure of the savings changed visibly, due to the fast-paced erosion of interest rates on deposits and the sustained decline of HGB yields. After years of booming, the stock of mutual funds stagnated in 2015 and 2016, while the stock of term deposits has been plummeting for years, by 13.5% on average. In contrast with them, the stock of retail short-dated retail bonds has continued to grow, by 49.2% y/y and 37.8% y/y in 2015 and 2016, respectively, as the debt management agency (AKK) is very aggressive with pricing to attract households' attention, so that they purchase bonds directly.

Poland: The saving rate stayed stable around 3% throughout 2016. Despite interest rates being at an historically low level, the lion's share of savings is placed in current and savings accounts (term deposits). Over the last year, the total amount of HH deposits increased 7.6%, with a disproportionally bigger increase in current accounts (15.4% y/y) and a decrease in savings accounts (2.3% y/y). Investment funds' net asset value has grown by 3.9% y/y. Since the pension reform in 2013, the number of accounts managed by Open Pension Funds has been decreasing (down by 0.7% y/y), diminishing the amount of private pension savings in that form. On the other hand, there was a strong 21.3% y/y increase in the number of Individual Pension Accounts (15.2% y/y increase in value). Moreover, the Ministry of Finance has been offering retail bonds with attractive interest rates for beneficiaries of the social 500+ program that for some could become a new, attractive way of saving.

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

Romania: A low interest rate environment has prompted people to keep more money in sight deposits at the expense of term deposits; the share of savings in sight deposits grew by 6.3pp between April 2016 and April 2017, reaching 35.8% of total retail bank deposits. Overall, the preference for bank deposits was little affected by falling interest rates and retail deposits gained speed to 12.2% y/y in March 2017, from 6.4 % y/y in March 2016. Substantial wage and pension hikes were a key factor behind this increase in retail bank deposits. Government bonds offered occasionally to retail clients enjoyed strong interest, with one of the reasons being the attractive fiscal regime, namely the exemption from paying income tax on capital gains, but the market remains very small. Net inflows in mutual funds were positive during the last 12 months, but their monthly evolution was erratic, with subscriptions in bond funds being affected by episodes of rising yields. Gross written premiums in life insurance grew by 5.9% in full-year 2016, but the industry is still far from reaching its potential, even in the context of a rapid increase in households' disposable income.

Serbia: Compared to other CESEE countries, Serbian banks still offer relatively attractive interest rates on deposits, especially in local currency (2.67% up to one year, 3.59% for one to two years and 3.80% above two years). Thus, the household LCY deposit base in Serbia is still on the rise, with an average 3.8% y/y growth in 1Q17, mostly supported by strong growth in longer-term deposits (above 2Y). On the other hand, FX deposits (mostly EUR) decreased by approx. 30% y/y in the same period, reflecting the less attractive interest rate offers.

Slovakia: The savings rate in Slovakia increased after the crisis from 3% of disposable income in 2008 to 9% in 2016. Rising income and the declining unemployment rate led to an acceleration of retail deposits in 2015, when deposits increased 8% p.a.; the same rate of growth was also sustained in 2016 (o/w sight deposits saw sharp growth). Asset management saw strong almost 20% p.a. increases in 2013 and 2014, but growth decelerated later to 11% in 2015 and 5% in 2016. As of March 2017, retail deposits continued to grow by 8% y/y (o/w sight deposits by 17%), while mutual funds accelerated at the beginning of the year to 12% y/y.

Slovenia: As a Eurozone member, Slovenia experienced relatively strong compression of deposit interest rates in the banking system. Such a development played a dissuasive role for household savings in banks, so we saw a continuous fall of term deposits in that market segment. Looking at most available data for 1Q17, short-term deposits with agreed maturity fell 15% y/y and long-term deposits fell approx. 15% y/y. On the other hand, overnight deposits increased by 21% y/y, indicating that households do not see opportunity costs of holding cash. We do not expect that such a savings pattern will change notably in the coming period.

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

Looking ahead

LOOI	king	ar	ead				
Date	Time	Country	/ Indicator	Period	Survey Erst	e Est. Pre	v. Pre Comment
29. May			No releases scheduled				
30. May	11:00	HR	Industrial Production (y/y)	Apr	2.	5% 0.09	% Industrial production seen maintaining steady footprint in April
	11:00	HR	Retail Sales (y/y)	Apr P	2.	0 % 7.79	Consumption growth expected to somewhat decelerate on annual level vs. robust March increase
	14:30	SK	Current Account Balance (monthly)	Mar		56.0	00
31. May		RO	Unemployment Rate	Apr	5.	4% 5.39	% Unemployment rate at historically low levels
	9:00	HU	PPI (y/y)	Apr		4.29	%
	10:00	PL	GDP (y/y)	1Q F	4.	0 % 4.09	We expect private consumption to drive growth and investment to rebound in first quarter
	10:30	SI	CPI (y/y)	May	1.	3 % 1.89	May inflation expected to land at slightly lower level compared to April release
	10:30	SI	CPI (m/m)	May		0.39	%
	10:30	SI	GDP (y/y)	1Q	3.	3 % 2.69	1Q17 GDP release expected to accelerate above 3% mark, driven by strong private consumption profile
	10:30	SI	Retail Sales (y/y)	Apr		10.4	%
	10:30	SI	Unemployment Rate	1Q		8.19	%
	11:00	HR	Wages (y/y)	Mar		1.19	%
	11:00	HR	GDP (y/y)	1Q P	3.	6% 3.49	% Strong consumption profile and robust exports support figure
	12:00	RS	Industrial Production (y/y)	Apr	о.	9% 0.99	% Seasonal factors and fading base effect shaping the figure
	12:00	RS	Retail Sales (y/y)	Apr	5.	0 % 5.79	Continuation of robust nominal figure, while real figure will be somewhat weaker due to higher inflation in April (4% y/y)
	12:00	RS	Trade Balance	Apr		-440.	50
	12:00	RS	GDP (y/y)	1Q F	1.	0 % 1.09	We expect that SORS will confirm the flash estimate
	14:00	PL	CPI (y/y)	May P	2.1% 1.	9% 2.09	We expect slight decrease in annual figure, with figures below 2% in coming months
	14:00	PL	CPI (m/m)	May P	0.	0 % 0.39	%
01. Jun.	9:00	HU	Trade Balance	Mar F		956.	00
	9:00	HU	РМІ	May		55.9	00
	9:00	PL	РМІ	May		54.1	0
	9:00	CZ	РМІ	May	58.00	57.5	50
02. Jun.	8:00	RO	Retail Sales (y/y)	Apr	7.	9 % 7.79	% Retail trade driven by sale of non-food items in recent months
	9:00	cz	GDP (q/q)	1Q P	1.3% 1.	3 % 1.39	Solid domestic and improving foreign demand positively affected GDP growth in 1Q17
	9:00	CZ	GDP (y/y)	1Q P	2.9% 2.	9% 2.9°	GDP growth in y/y terms will be slightly below 3% this year, due to both domestic and foreign demand development; also, only slight appreciation of koruna will contribute positively to GDP growth

Sources: Bloomberg, Reuters

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

Major markets

Gerald Walek gerald.walek@erstegroup.com

- This week (May 31), a first flash estimate for the inflation rate of the Eurozone for May will be published. In light of the waning base effects from energy prices, we expect a substantial drop in headline inflation in May to approx. +1.4 to 1.5% y/y. Core inflation is expected to decline to around 1.0% y/y in May, following the positive amplitude due to seasonal factors in April (+1.2%). In total, we expect headline inflation in the coming months to settle down at around 1.5% y/y.
- The minutes of the last FOMC meeting released last week contained concrete indications for the intended reduction of the Fed's portfolio. Already at the FOMC's March meeting, markets were informed that the FOMC was preparing to alter its policy concerning full reinvestments of principal payments, likely to start at the end of this year. The plan discussed at the last FOMC meeting foresees a cap, which will limit the amount of monthly payments that will not be reinvested. Payments in excess of the limit will be reinvested. This would result in a reduction of the securities held by the Fed by the amount of the limit set. In addition, markets will be given guidance on the pace at which the limit will rise. It was suggested to increase the pace every three months in a predictable manner until the fully phased-in level of the limit is attained.
- Due to the size of the Fed's portfolio, the unwinding is set to take many years. If the Fed should shrink its security holdings to pre-Lehman levels, it would have to reduce its holdings by EUR 3.8tm. The coming reduction of reinvestments means a withdrawal of the liquidity generated previously. What will the impact be for capital markets? We expect it to be minor, especially as the pace of the whole process is likely to be slow.

Croatia

Alen Kovac akovac2 @erstebank.com

Ivana Rogic irogic @erstebank.com

- Last week started off with positive news flow, as the European Commission published its recommendation to the Council to end the Excessive Deficit Procedure for Croatia, which started in January 2014. The decision was based on the better than expected fiscal performance in 2016, with a reduction of the budget deficit to 0.8% and public debt to 84.2% of GDP. We see the news as a tailwind for the upcoming credit rating assessments.
- The April unemployment rate landed at 13.2%, which represents a
 robust decline of 1.2pp on the monthly level. With tourism season
 approaching, we see the favorable seasonal pattern further feeding into
 the unemployment rate numbers and pushing down the headline figure.
- We saw no major moves on the market, as the exchange rate remained in the middle of the 7.40-7.45 range, while yields on the bond market also stayed practically flat, with the 2026 LCY curve still quoting below the 3% mark.

Czech Republic

David Navrátil dnavratil @csas.cz Consumer and business confidence remained roughly stable in May, and thus high in absolute terms. The figure reflects the favorable development of the Czech economy, which should continue in the coming quarters.

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

I. Pilny (from the ANO movement) was appointed as the new Czech finance minister, replacing ANO party leader A. Babis in this position.
 This change can be considered the end of the recent government crisis in the Czech Republic. In the coming months, the parties will focus more intensively on the political campaign before the parliamentary elections to be held in October..

Hungary

Orsolya Nyeste orsolya.nyeste@erstebank.hu

Gergely Ürmössy Gergely.Urmossy@erstebank.hu

- On Tuesday, the MNB left the policy rate untouched at 0.9% and the O/N depo rate at -0.05%, as expected. The MPC reiterated in the statement that there is a need for the maintenance of the depressed rate and yield environment, and in addition to that, the Council stands ready to ease financial conditions, should the CPI outlook warrant it. We continue to foresee the policy rate flat at the end of 2018 and interbank rates at current or slightly lower levels for a prolonged period. At the next meeting, the MPC will decide on the 3M depo cap, which might be slashed from the HUF 500bn expected for end-June to HUF 250bn at end-3Q17, in our view.
- The unemployment rate increased to 4.6% in February-April, from the 4.5% published for January-March. The increase in the monthly comparison was mostly due to the rise in the activity rate, from 61.1% to 61.4%. We continue to expect tight labor market conditions this year. The unemployment rate should again fall in the coming months, as seasonal work opportunities will be available, and the public work programs may absorb additional people as well.

Poland

Katarzyna Rzentarzewska katarzyna.rzentarzewska @erstegroup.com

- The unemployment rate dropped to 7.7% in April and is at an historically low level.
- The Ministry of Finance sold PLN 4.3bn at Thursday's auction and has more than 60% of this year's borrowing needs financed.
- The zloty continued to strengthen, as the EURPLN went to 4.17 on Friday. NBP Governor Glapinski sees the zloty level as competitive and expects it to remain resilient to monetary tightening in the US and ECB tapering.

Romania

Eugen Sinca eugen.sinca@bcr.ro

• Budget execution ended with a surplus for the first four months (0.17% of GDP), as revenues outpaced expenditures. April alone registered a tiny budget deficit of 0.02% of GDP. On a positive note, monthly VAT revenues increased by 17.9% y/y in April alone, in spite of the cut in the VAT rate to 19% in early-2017 (-1pp). Despite being influenced by seasonal factors, the budget figures have been above expectations so far in 2017, partly reflecting the better than expected economic growth, which translates into a substantial advance of revenues. This obviously increases the chances for the government to reach its fiscal targets, but only if it manages to control spending and further improves the absorption of EU funds in order to compensate for slower capital

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

- spending from its own resources. That said, we are only revising our budget deficit forecast by a minor 0.1% of GDP to 3.4%, as we remain somewhat skeptical regarding the extent of further potential savings on goods & services and investment expenditures, while at the same time more pressure is still to pile on personnel expenses and social assistance outlays with the measures set to come into force on July 1.
- The EC recommended that Romania take appropriate measures in 2017 with a view to correcting the significant deviation of the structural budget deficit from the medium-term budgetary objective. Romania's structural budget deficit deteriorated to 2.6% of GDP in 2016, from 0.6% of GDP in 2015, and the EC foresees an additional worsening of the structural deficit towards 3.9% of GDP in 2017 under the baseline scenario. As a result, the EC recommends that Romania implement structural fiscal consolidation measures worth at least 0.5% of GDP in 2017. Rising external pressure from the EC, along with risks of a negative reaction of investors due to the deteriorating public finances in Romania, should further constrain fiscal easing measures in 2018, pointing to a neutral budgetary stance next year.

Serbia

Alen Kovac akovac2 @erstebank.com

Milan Deskar-Skrbic mdskrbic @erstebank.com

- With no major macro releases last week, the focus is on final GDP numbers for 1Q17, which will be published on Wednesday. We expect that SORS will confirm the relatively weak 1Q17 growth estimate of 1% y/y and we expect the data to reveal that the biggest drag on the figure came from the investment and import side from the expenditure point of view, and from the fall in the energy and agricultural sectors from the production point of view. If the statistical office confirms the figure, we will slightly adjust our current 3% y/y forecast downward.
- On the bond market, we saw the benchmark RSD 2023 bond yield steadily moving around 5.7%, unchanged from the week before.
- On the FX market, dinar gains continued, with the EUR/RSD moving below the 123 mark, which prompted the NBS to intervene on the buy side with EUR 60mn last week. Appreciation pressures are mostly related to strong LCY lending activity in the retail sector and relatively solid external trade developments

Slovakia

Katarina Muchova muchova.katarina @slsp.sk

- The latest European Commission recommendations were published last week. The EC acknowledged some progress that was made in various areas, but there remains room for more improvement. Slovakia should continue to reduce its fiscal deficit, improve the situation for long-term unemployed and women in the labor market, improve education and healthcare efficiency (utilizing Value for Money recommendations), aim for higher transparency in public procurement, as well as step up its fight against corruption. The EC would also recommend greater focus on the efficiency and independence of the judiciary.
- Producer prices rose 2.4% y/y in April, somewhat slower than expected (3-3.2% y/y). Compared to the previous month, producer prices dropped 0.6% m/m.

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

Slovenia

Alen Kovac akovac2 @erstebank.com

Ivana Rogic irogic @erstebank.com

- With an empty data calendar behind us, all attention switches to this week's 1Q17 GDP release, where short-term indicators suggest that we should continue to see the most pronounced support coming from the private consumption side. On the other hand, net exports, despite the vivid export performance, should paint a marginally negative picture, amid rising pressures on the import side, driven by the strengthening domestic demand. Thus, we see the growth figure landing a few notches above the 3% mark in 1Q17, i.e. accelerating compared to the 2016 footprint.
- After a few weeks of mild upward movements, yields on the bond market showed slight compression throughout the week, with the EUR 2027 declining below the 1.30% mark.

Capital market forecasts

Government bond yields										
	current	2017Q2	2017Q3	2017Q4	2018Q1					
Croatia 10Y	2.96	3.00	3.00	3.10	3.10					
spread (bps)	264	251	239	237	226					
Czech Rep. 10Y	0.85	0.80	0.84	0.83	0.88					
spread (bps)	52	31	23	10	4					
Hungary 10Y	2.99	3.60	3.67	3.67	3.67					
spread (bps)	267	311	306	294	283					
Poland 10Y	3.26	3.45	3.62	3.98	4.11					
spread (bps)	294	296	301	325	327					
Romania10Y	3.64	4.25	4.35	4.50	4.75					
spread (bps)	332	376	374	377	391					
Slovakia 10Y	0.96	1.20	1.23	1.25	1.35					
spread (bps)	63	71	62	52	51					
Slovenia 10Y	1.29	1.40	1.50	1.60	1.70					
spread (bps)	97	91	89	87	86					
Serbia 7Y	5.49	5.80	6.00	6.00	6.25					
spread (bps)	517	531	539	527	541					
DE10Y (BBG)*	0.32	0.49	0.61	0.73	0.84					

3M Money Market Rate										
	current	2017Q2	2017Q3	2017Q4	2018Q1					
Croatia	0.61	0.40	0.40	0.45	0.45					
3M forwards		-	-	-	-					
Czech Republic	0.30	0.27	0.27	0.26	0.26					
3M forwards		0.36	0.42	0.47	0.54					
Hungary	0.15	0.05	0.05	0.05	0.05					
3M forwards		0.18	0.21	0.25	0.32					
Poland	1.73	1.75	1.74	1.75	1.79					
3M forwards		1.79	1.79	1.81	1.87					
Romania	0.87	1.30	1.50	1.90	2.10					
3M forwards		0.73	0.94	1.04	1.44					
Serbia	3.54	3.60	3.80	4.00	4.00					
3M forwards		-	-	-	-					
Eurozone	-0.33	-0.30	-0.30	-0.30	-0.30					

FX					
	current	2017Q2	2017Q3	2017Q4	2018Q1
EURHRK	7.42	7.42	7.50	7.55	7.55
forwards		7.43	7.44	7.45	7.47
EURCZK	26.45	26.50	26.40	26.30	26.20
forwards		26.44	26.42	26.38	26.34
EURHUF	307.0	315.0	315.0	315.0	315.0
forwards		307.2	307.6	308.0	308.4
EURPLN	4.18	4.25	4.27	4.21	4.23
forwards		4.19	4.21	4.23	4.26
EURRON	4.56	4.57	4.60	4.62	4.65
forwards		4.56	4.57	4.59	4.61
EURRSD	122.7	124.0	124.5	124.5	124.5
forwards		-	-	-	-
EURUSD	1.12	1.08	1.10	1.12	1.12

Key Interest Rate										
	current	2017Q2	2017Q3	2017Q4	2018Q1					
Croatia	0.50	0.30	0.30	0.30	0.30					
Czech Republic	0.05	0.05	0.05	0.05	0.05					
Hungary	0.90	0.90	0.90	0.90	0.90					
Poland	1.50	1.50	1.50	1.50	1.50					
Romania	1.75	1.75	1.75	1.75	1.75					
Serbia	4.00	4.00	4.00	4.00	4.00					
Eurozone	0.00	0.00	0.00	0.00	0.00					

Macro forecasts

Real GDP growth (%)	2015	2016f	2017f	2018f	Average inflation (%)	2015	2016f	2017f	2018f	Unemployment (%)	2015	2016f	2017f	2018f
Croatia	1.6	2.9	3.0	2.6	Croatia	-0.5	-1.1	1.4	1.3	Croatia	16.3	13.1	10.9	9.7
Czech Republic	4.6	2.3	2.8	2.9	Czech Republic	0.3	0.7	2.7	1.9	Czech Republic	5.1	4.1	3.6	3.6
Hungary	3.1	2.0	3.4	2.8	Hungary	-0.1	0.4	2.5	3.4	Hungary	6.8	5.1	4.3	4.1
Poland	3.6	2.8	3.8	3.4	Poland	-0.9	-0.6	1.8	1.9	Poland	10.6	8.9	7.9	7.7
Romania	3.9	4.8	4.3	2.8	Romania	-0.6	-1.5	1.4	2.7	Romania	6.8	6.0	5.9	5.8
Serbia	0.8	2.8	3.0	3.4	Serbia	1.4	1.1	2.4	3.1	Serbia	17.7	16.0	14.1	12.8
Slovakia	3.8	3.3	3.1	3.7	Slovakia	-0.3	-0.5	1.0	2.0	Slovakia	11.5	9.7	8.7	7.8
Slovenia	2.3	2.5	3.1	3.0	Slovenia	-0.5	-0.1	1.6	2.0	Slovenia	9.0	7.9	7.4	6.9
CEE8 average	3.5	3.0	3.5	3.1	CEE8 average	-0.4	-0.4	1.9	2.2	CEE8 average	9.3	7.7	6.9	6.6
Public debt (% of GDP)	1 2045	20466	2017f	00406	O/A (0/ ODB)	0045	00400	20476	00406	Budget Balance (9/ CDD		00/0/	00/7/	
rublic debt (% of GDF)	2015	2016f	20171	2018f	C/A (%GDP)	2015	2016f	2017f	2018f	Budget Balance (%GDP	2015	2016f	2017f	2018f
Croatia	86.7	84.2	81.4		C/A (%GDP) Croatia	4.8	2.6	4.2	2.9	Croatia	-3.4	-0.8	2017f -1.5	2018f -1.5
					** (***									
Croatia	86.7	84.2	81.4	79.5 35.9	Croatia	4.8	2.6	4.2	2.9	Croatia	-3.4	-0.8	-1.5	-1.5
Croatia Czech Republic	86.7 40.3	84.2 37.2	81.4 35.7	79.5 35.9 72.5	Croatia Czech Republic	4.8 0.9	2.6 2.1	4.2 1.2	2.9 1.4	Croatia Czech Republic	-3.4 -0.4	-0.8 0.5	-1.5 -0.6	-1.5 -0.6
Croatia Czech Republic Hungary	86.7 40.3 74.7	84.2 37.2 74.3	81.4 35.7 74.0	79.5 35.9 72.5	Croatia Czech Republic Hungary	4.8 0.9 3.4	2.6 2.1 4.9	4.2 1.2 4.1	2.9 1.4 3.8	Croatia Czech Republic Hungary	-3.4 -0.4 -2.0	-0.8 0.5 -2.2	-1.5 -0.6 -2.7	-1.5 -0.6 -2.5
Croatia Czech Republic Hungary Poland	86.7 40.3 74.7 51.5	84.2 37.2 74.3 54.3	81.4 35.7 74.0 54.9	79.5 35.9 72.5 54.1 40.8	Croatia Czech Republic Hungary Poland	4.8 0.9 3.4 -0.2	2.6 2.1 4.9 -0.3	4.2 1.2 4.1 -0.6	2.9 1.4 3.8 -0.9 -3.8	Croatia Czech Republic Hungary Poland	-3.4 -0.4 -2.0 -2.5	-0.8 0.5 -2.2 -2.4	-1.5 -0.6 -2.7 -3.0	-1.5 -0.6 -2.5 -2.9
Croatia Czech Republic Hungary Poland Romania	86.7 40.3 74.7 51.5 37.9	84.2 37.2 74.3 54.3 37.1	81.4 35.7 74.0 54.9 39.2	79.5 35.9 72.5 54.1 40.8 68.9	Croatia Czech Republic Hungary Poland Romania	4.8 0.9 3.4 -0.2 -1.2	2.6 2.1 4.9 -0.3 -2.4	4.2 1.2 4.1 -0.6 -3.3	2.9 1.4 3.8 -0.9 -3.8 -4.8	Croatia Czech Republic Hungary Poland Romania	-3.4 -0.4 -2.0 -2.5 -0.8	-0.8 0.5 -2.2 -2.4 -2.8	-1.5 -0.6 -2.7 -3.0 -3.4	-1.5 -0.6 -2.5 -2.9 -3.6

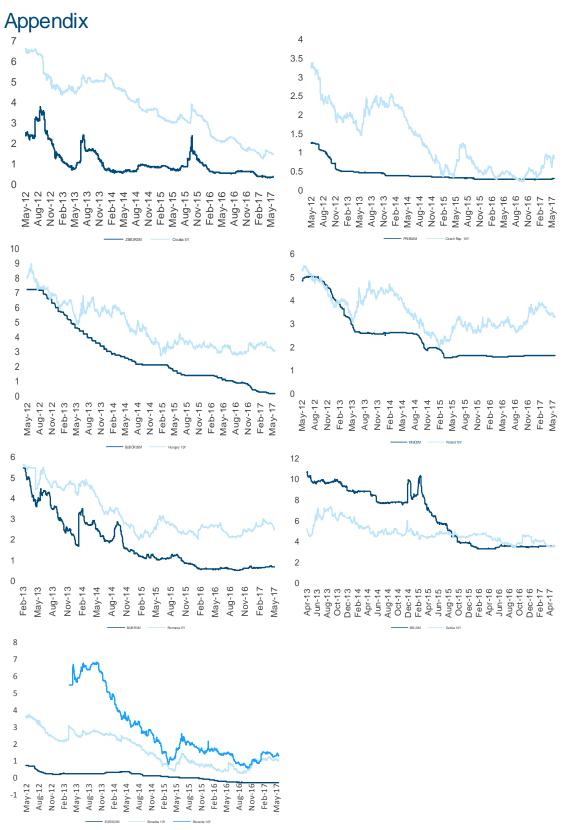
0.5 0.5 0.2 0.0 CEE8 average 53.7 53.6 53.5 53.0 CEE8 average Note:*Information on past performance is not a reliable indicator for future performance. Forecasts are not a reliable indicator for future performance.

5.2 6.8 6.4 5.8 Slovenia

83.4 79.2 77.9 75.9 Slovenia

-2.9 -2.0 -1.7 -1.5

-2.0 -1.8 -2.4 -2.3



Note:*Information on past performance is not a reliable indicator for future performance. Forecasts are not a reliable indicator for future performance.

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

Contacts

Contacts			
Group Research			
Head of Group Research		Transacione France Banda Vianna	
Friedrich Mostböck, CEFA	+43 (0)5 0100 11902	Treasury - Erste Bank Vienna	
Major Markets & Credit Research	(0,0 0100 1100=	Group Markets Retail Sales	
Head: Gudrun Egger, CEFA	+43 (0)5 0100 11909	Head: Christian Reiss	+43 (0)5 0100 84012
Ralf Burchert, CEFA (Agency Analyst)	+43 (0)5 0100 16314	Markets Retail a. Sparkassen Sales AT	
Hans Engel (Senior Analyst Global Equities)	+43 (0)5 0100 19835	Head: Markus Kaller	+43 (0)5 0100 84239
Christian Enger, CFA (Covered Bonds)	+43 (0)5 0100 84052	Equity a. Fund Retail Sales	
Margarita Grushanina (Economist AT, Quant Analyst)		Head: Kurt Gerhold	+43 (0)5 0100 84232
Peter Kaufmann, CFA (Corporate Bonds)	+43 (0)5 0100 11183	Fixed Income a. Certificate Sales	
Stephan Lingnau (Global Equities)	+43 (0)5 0100 16574	Head: Uwe Kolar	+43 (0)5 0100 83214
Carmen Riefler-Kowarsch (Covered Bonds)	+43 (0)5 0100 19632	Markets Corporate Sales AT	
Rainer Singer (Senior Economist Euro, US)	+43 (0)5 0100 17331	Head: Christian Skopek	+43 (0)5 0100 84146
Bernadett Povazsai-Römhild (Corporate Bonds)	+43 (0)5 0100 17203	Fixed Income Institutional Sales	
Elena Statelov, CIIA (Corporate Bonds)	+43 (0)5 0100 19641	Group Markets Financial Institutions	
Gerald Walek, CFA (Economist Euro, CHF)	+43 (0)5 0100 16360	Head: Manfred Neuwirth	+43 (0)5 0100 84250
,,,,,,,,,,,,,,,,	(0,0 0100 1000	Bank and Institutional Sales	. ,
Macro/Fixed Income Research CEE		Head: Jürgen Niemeier	+49 (0)30 8105800 5503
Head CEE: Juraj Kotian (Macro/FI)	+43 (0)5 0100 17357	Institutional Sales Western Europe AT, GER, FR	A, BENELUX
Zoltan Arokszallasi, CFA (Fixed income)	+43 (0)5 0100 18781	Head: Thomas Almen	+43 (0)5 0100 84323
Katarzyna Rzentarzewska (Fixed income)	+43 (0)5 0100 17356	Charles-Henry de Fontenilles	+43 (0)5 0100 84115
CEE Equity Research	(0,0 0100 1100	Marc Pichler	+43 (0)5 0100 84118
Head: Henning Eßkuchen	+43 (0)5 0100 19634	Rene Klasen	+49 (0)30 8105800 5521
Daniel Lion, CIIA (Technology, Ind. Goods&Services)	+43 (0)5 0100 17420	Dirk Seefeld	+49 (0)30 8105800 5523
Christoph Schultes, MBA, CIIA (Real Estate)	+43 (0)5 0100 11523	Bernd Bollhof	+49 (0)30 8105800 5525
Vera Sutedja, CFA, MBA (Telecom, Steel)	+43 (0)5 0100 11905	Bank and Savingsbanks Sales	(-,
Thomas Unger, CFA (Banks, Insurance)	+43 (0)5 0100 17344	Head: Marc Friebertshäuser	+49 (0)711 810400 5540
Vladimira Urbankova, MBA (Pharma)	+43 (0)5 0100 17343	Sven Kienzle	+49 (0)711 810400 5541
Martina Valenta, MBA	+43 (0)5 0100 11913	Michael Schmotz	+43 (0)5 0100 85542
Editor Research CEE	(0)0 0	Ulrich Inhofner	+43 (0)5 0100 85544
Brett Aarons	+420 956 711 014	Klaus Vosseler	+49 (0)711 810400 5560
Research Croatia/Serbia	20 000 0	Andreas Goll	+49 (0)711 810400 5561
Head: Mladen Dodig (Equity)	+381 11 22 09178	Mathias Gindele	+49 (0)711 810400 5562
Head: Alen Kovac (Fixed income)	+385 72 37 1383	Institutional Sales CEE and International	,
Anto Augustinovic (Equity)	+385 72 37 2833	Head: Jaromir Malak	+43 (0)5 0100 84254
Milan Deskar-Skrbic (Fixed income)	+385 72 37 1349	Central Bank and International Sales	,
Magdalena Dolenec (Equity)	+385 72 37 1407	Head: Margit Hraschek	+43 (0)5 0100 84117
Ivana Rogic (Fixed income)	+385 72 37 2419	Christian Kössler	+43 (0)5 0100 84116
Davor Spoljar, CFA (Equity)	+385 72 37 2825	Bernd Thaler	+43 (0)5 0100 84119
Research Czech Republic	1000 12 01 2020	Institutional Sales PL and CIS	,
Head: David Navratil (Fixed income)	+420 956 765 439	Pawel Kielek	+48 22 538 6223
Head: Petr Bartek (Equity)	+420 956 765 227	Michal Jarmakowicz (Fixed Income)	+43 50100 85611
Vit Machacek (Fixed income)	+420 956 765 456	Institutional Sales Slovakia	
Jiri Polansky (Fixed income)	+420 956 765 192	Head: Peter Kniz	+421 2 4862 5624
Roman Sedmera (Fixed income)	+420 956 765 391	Sarlota Sipulova	+421 2 4862 5619
Michal Skorepa (Fixed income)	+420 956 765 172	Monika Smelikova	+421 2 4862 5629
Pavel Smolik (Equity)	+420 956 765 434	Institutional Sales Czech Republic	
Jan Sumbera (Equity)	+420 956 765 218	Head: Ondrej Cech	+420 2 2499 5577
Research Hungary		Milan Bartos	+420 2 2499 5562
Head: József Miró (Equity)	+361 235 5131	Barbara Suvadova	+420 2 2499 5590
Gergely Ürmössy (Fixed income)	+361 373 2830	Institutional Asset Management Sales	
András Nagy (Equity)	+361 235 5132	Czech Republic	
Orsolya Nyeste (Fixed income)	+361 268 4428	Head: Petr Holecek	+420 956 765 453
Tamás Pletser, CFA (Oil&Gas)	+361 235 5135	Martin Perina	+420 956 765 106
Research Poland		Petr Valenta	+420 956 765 140
Head: Tomasz Duda (Equity)	+48 22 330 6253	David Petracek	+420 956 765 809
Marek Czachor (Equity)	+48 22 330 6254	Institutional Sales Croatia	
Magdalena Komaracka, CFA (Equity)	+48 22 330 6256	Head: Antun Buric	+385 (0)7237 2439
Mateusz Krupa (Equity)	+48 22 330 6251	Željko Pavičić	+385 (0)7237 1494
Karol Brodziński (Equity)	+48 22 330 6252	Ivan Jelavic	+385 (0)7237 1638
Research Romania		Institutional Sales Hungary	• •
Head: Mihai Caruntu (Equity)	+40 3735 10427	Attila Hollo	+36 1 237 8209
Head: Dumitru Dulgheru (Fixed income)	+40 3735 10433	Borbala Csizmadia	+36 1 237 8205
Chief Analyst: Eugen Sinca (Fixed income)	+40 3735 10435	Institutional Sales Romania	
Dorina Ilasco (Fixed Income)	+40 3735 10436	Head: Ciprian Mitu	+43 (0)50100 85612
Research Slovakia		Stefan Mortun Racovita	+40 373 516 531
	+421 2 4862 4185	Business Support	
	+421 2 4862 4762	Tamara Fodera	+43 (0)50100 12614
		Bettina Mahoric	+43 (0)50100 86441

CEE Insights | Fixed Income | Central and Eastern Europe 29 May 2017

Disclaimer

This publication was prepared by Erste Group Bank AG or any of its consolidated subsidiaries (together with consolidated subsidiaries "Erste Group") independently and objectively as other information pursuant to the Circular of the Austrian Financial Market Authority regarding information including marketing communication pursuant to the Austrian Securities Supervision Act. This publication serves interested investors as additional source of information and provides general information, information about product features or macroeconomic information without emphasizing product selling marketing statements. This publication does not constitute marketing communication pursuant to Art. 36 (2) Austrian Securities Supervision Act as no direct buying incentives were included in this publication, which is of information character. This publication does not constitute investment research pursuant to § 36 (1) Austrian Securities Supervision Act. It has not been prepared in accordance with legal requirements designed to promote the independence of investment research and it is not subject to the prohibition on dealing ahead of the dissemination of investment research. The information only serves as non-binding and additional information and is based on the level of knowledge of the person in charge of drawing up the information on the respective date of its preparation. The content of the publication can be changed at any time without notice. This publication does not constitute or form part of, and should not be construed as, an offer, recommendation or invitation to subscribe for or purchase any securities, and neither this publication nor anything contained herein shall form the basis of or be relied on in connection with or act as an inducement to enter into any contract or inclusion of a security or financial product in a trading strategy. Information provided in this publication are based on publicly available sources which Erste Group considers as reliable, however, without verifying any such information by independent third persons. While all reasonable care has been taken to ensure that the facts stated herein are accurate and that the forecasts, opinions and expectations contained herein are fair and reasonable, Erste Group (including its representatives and employees) neither expressly nor tacitly makes any guarantee as to or assumes any liability for the up-to-dateness, completeness and correctness of the content of this publication. Erste Group may provide hyperlinks to websites of entities mentioned in this document, however the inclusion of a link does not imply that Erste Group endorses, recommends or approves any material on the linked page or accessible from it. Neither a company of Erste Group nor any of its respective managing directors, supervisory board members, executive board members, directors, officers of other employees shall be in any way liable for any costs, losses or damages (including subsequent damages, indirect damages and loss of profit) howsoever arising from the use of or reliance on this publication. Any opinion, estimate or projection expressed in this publication reflects the current judgment of the author(s) on the date of publication of this document and do not necessarily reflect the opinions of Erste Group. They are subject to change without prior notice. Erste Group has no obligation to update, modify or amend this publication or to otherwise notify a reader thereof in the event that any matter stated herein, or any opinion, projection, forecast or estimate set forth herein, changes or subsequently becomes inaccurate. The past performance of securities or financial instruments is not indicative for future results. No assurance can be given that any financial instrument or issuer described herein would yield favorable investment results or that particular price levels may be reached. Forecasts in this publication are based on assumptions which are supported by objective data. However, the used forecasts are not indicative for future performance of securities or financial instrument. Erste Group, its affiliates, principals or employees may have a long or short position or may transact in the financial instrument(s) referred to herein or may trade in such financial instruments with other customers on a principal basis. Erste Group may act as a market maker in the financial instruments or companies discussed herein and may also perform or seek to perform investment services for those companies. Erste Group may act upon or use the information or conclusion contained in this publication before it is distributed to other persons. This publication is subject to the copyright of Erste Group and may not be copied, distributed or partially or in total provided or transmitted to unauthorized recipients. By accepting this publication, a recipient hereof agrees to be bound by the foregoing limitations.

© Erste Group Bank AG 2017. All rights reserved.

Published by:

Erste Group Bank AG Group Research 1100 Vienna, Austria, Am Belvedere 1 Head Office: Wien Commercial Register No: FN 33209m Commercial Court of Vienna

Erste Group Homepage: www.erstegroup.com