# **Daily Insight**

Bank earnings announcements; Liquidity low; YTMs rise to new highs; NBU intervenes in UAH

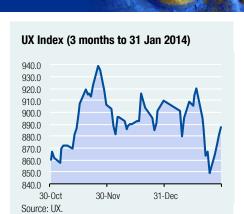


FRIDAY, 31 JANUARY, 2014

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# RESEARCH INSIGHT



### Key market indicators (as of 30 Jan 2014)

Daily

YTD

		chg (%)	chg (%)
FX & MONEY RATES			
USD/UAH	8.4750	+0.00	+2.85
USD/UAH (1Y NDF)	9.9225	+2.56	+5.33
EUR/USD	1.3555	-0.79	-1.37
USD/RUB	34.8651	-0.63	+6.07
KievPRIME O/N (%)	8.63	+153bp	+83bp
KievPRIME 1M (%)	13.25	+115bp	-300bp

### **BONDS:** yields and spreads

Ukraine VAT bond (%)	N/A	+74bp	+0bp
Ukraine 17, Eurobond (%)	10.40	+54bp	+85bp
Ukraine 22, Eurobond (%)	10.24	+18bp	+89bp
Ukraine 23, Eurobond (%)	9.86	+33bp	+81bp
Ukraine 5Y CDS	1,006bp	+78bp	+189bp

### **EQUITIES**

Stock market indices			
UX (Ukraine)	887.49	+0.78	-2.48
MSCI World	393.89	+0.21	-3.59
MSCI EM	936.37	-0.03	-6.61
RTS (Russia)	1,320.90	+0.99	-8.44
WIG-20 (Poland)	2,335.89	+0.97	-2.71
S&P 500 (USA)	1,794.19	+1.13	-2.93

## MOST ACTIVE: Top 3 stocks by value traded (US\$m)

FXPO LN	3.72	66.3% of total1
KER PW	0.93	16.7%
MHPC LI	0.20	3.5%

### GAINERS: Top 3 stocks (in listed currency)

DOEN UK	UAH 32.08	+5.18	+16.27
YASK UK	UAH 0.58	+4.91	+8.87
JKX LN	GBp 72.25	+2.85	+1.05

### LOSERS: Top 3 stocks (in listed currency)

	•	•	• ,	
IMC PW		PLN 10.50	-7.08	-13.58
MLK PW		PLN 9.43	-5.51	-24.56
MHPC LI		USD 15.61	-4.23	-8.45

Notes: Chg - percentage change, if not otherwise indicated; [1] - total traded volume for stocks listed in Table 3, pp. 4; green- or red-shaded box means gain or loss, respectively, of the index or security.

Sources: Bloomberg, UX, Investment Capital Ukraine LLC.

http://www.icu.ua

Bloomberg: ICUA <GO>



# **Economics: News & Comments**

# Brokbusinessbank doubles its loan portfolio

Brokbusinessbank increased its share capital from UAH2.5bn in 3Q13 to UAH14.1bn in 4Q14. Simultaneously it received UAH2.3bn of subordinated debt which led to the equity-to-assets ratio of 50.1%, the highest of the top 25 banks.

Brokbusinessbank used the funding to grow its corporate loan portfolio, growing it 104.5% QoQ to UAH24.0bn. We assume that these loans were issued to a relatively large number of borrowers, with the maximum exposure to each not exceeding UAH650m.

The loan loss reserve (LLR) remained practically unchanged, leading us to assume that no additional provisions were withheld for those loans, particularly as the LLR rate dropped from 3.6% in 3Q14 to 2.1% in 4Q13.

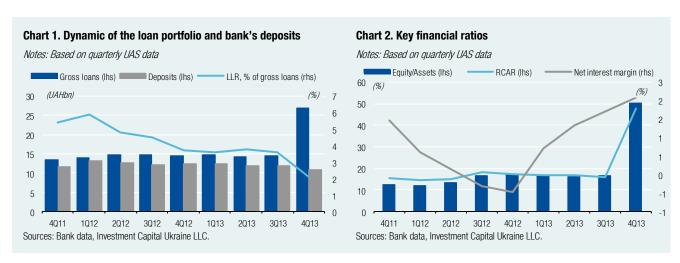
Table 1. Key financials of Brokbusinessbank (UAHm, if not otherwise indicated)

	4012	4Q13	Change (%)
Assets	16,928	28,914	70.8
Gross loans	14,400	26,820	86.3
LLR, % of gross loans	3.7	2.1	-1.6ppt
Equity	2,919	14,478	396.0
Net interest income (annualised)	(73)	369	-603.2
Operating income before LLP (annualised)	307	528	72.2
Operating expenses (annualised)	(451)	(500)	10.7
Loan loss provision (annualised)	148	(48)	-132.5
Net income (annualised)	1	(20)	-3,888.0
Net interest margin (%)	(0.5)	2.1	2.5ppt
Regulatory capital ratio (%)	17.4	47.7	30.3ppt

Notes: Based on quarterly UAS data

Sources: Bank data, Investment Capital Ukraine LLC.

Total deposits declined 9.1% QoQ in 4Q13 to UAH10.9bn, as household deposits continued to decrease, down UAH1.2bn or 18.2% QoQ. At the same time, corporate deposits increased only by a marginal 2.6%, implying that the funds received were immediately utilized for lending. Because of this, the cash-to-liabilities ratio remained low at 5.4%.





The bank's net interest margin improved by a slight 0.4ppt to 2.1% in 4Q13. However, preprovision income was only UAH28m greater than the operating expenses, suggesting a significant volume of non-performing loans or loans with below-market interest rates.

### VTB Bank reduces its exposure in Ukraine

Russian VTB Bank reported a UAH572m net loss in 4Q13, driving down net earnings for 2013 to negative UAH194m. The bank implemented a massive UAH625m loan loss provision in the last quarter to compensate for the decline in asset quality.

Total bad credit exposure rose to UAH7.5bn or 30.2% QoQ in 4Q13. The corporate loan portfolio was most vulnerable to the impairment as the LLR rate rose from 15.1% in 3Q13 to 17.3% in 4Q13. The bank has written-off approximately UAH0.5bn of bad loans in 4Q13, resulting in total gross loans to decline UAH1.8bn, or 7.3%.

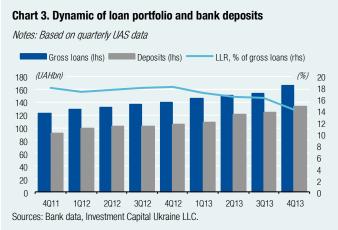
Table 2. Key financials of VTB Bank(UAHm, if not otherwise indicated)

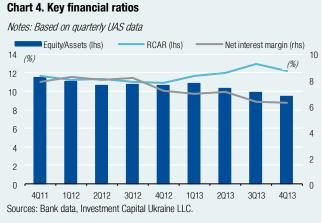
	4012	4Q13	Change (%)
Assets	85,996	103,568	20.4
Gross loans	61,348	64,281	4.8
LLR, % of gross loans	16.6	19.8	3.2ppt
Equity	18,118	20,456	12.9
Net interest income -annualised)	4,928	5,528	12.2
Operating income before LLP -annualised)	5,752	7,174	24.7
Operating expenses -annualised)	-3,203	-3,481	8.7
Loan loss provision -annualised)	-1,969	-2,736	39.0
Net income -annualised)	566	679	20.0
Net interest margin -%)	7.2	6.8	-0.4ppt
Regulatory capital ratio -%)	25.4	25.4	0.1ppt

Notes: Based on quarterly UAS data

Sources: Bank data, Investment Capital Ukraine LLC.

Total deposits declined UAH1.1bn or 9.2% QoQ, following the decline of the loan portfolio. Net loan-to-deposits ratio remained stable, though high, for the whole of 2013, fluctuating between 167.6 and 171.8.





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Table 3. Ukrainian stocks (closing prices as of 30-Jan-2014)

			Share pri	ice perform	nance (%	6 changr	3)	Valuation (US\$) Free float (FF) & Liquidity P/E EV/EBITDA EV/Sales							,	Ratio	os										
Company	Bloomberg	Listing	Last	Daily	MoM	YTD	YoY	Last	Market	EV	FF	FF	Last day	3M avg.	FF share	FF	2010	2011E	2012E	2010	2011E	2012E	2010	2011E	2012E P/	/B (x)	Debt/
	Ticker		price					price r	cap (m)	(m)	(%)	mkt cap	turnover	turnover	traded	turnover										Þ	Assets
												(US\$m)	(US\$ 000) (	(US\$ 000)	(%)	(days)											(%)
ENERGY														·													
Cadogan Petrol	CAD LN	London	11.75 GBp	+0.0	+13.3	+13.3	-1.1	0.19	44.7	-18.3	40.2	18.0	0.0	13.4	0.10	1,036	Neg.	Neg.	Neg.	2.8	2.8	5.7	Neg.	Neg.	Neg.	0.2	0.0
Centrenergo	CEEN UK	Kiev, UX	4.46 UAH	+1.0	-6.5	-6.5	-28.1	0.53	194.5	269.4	21.7	42.2	17.4	70.1	0.08	1,276	7.1	6.6	4.6	0.5	3.9	2.7	0.3	0.3	0.3	0.7	12.2
Coal Energy	CLE PW	Warsaw	1.16 PLN	+0.0	+10.5	+10.5	-91.2	0.37	16.7	74.6	25.0	4.2	111.4	109.0	6.05	17	Neg.	Neg.	N/A	1.2	10.2	N/A	0.6	0.8	N/A	0.1	7.7
Donbasenergo	DOEN UK	Kiev, UX	32.08 UAH	+5.2	+16.3	+16.3	+52.5	3.79	89.5	145.6	14.2	12.7	100.7	56.3	0.18	570	24.5	3.2	4.7	0.6	2.6	2.5	0.3	0.2	0.3	1.2	17.8
JKX Oil & Gas	JKX LN	London	72.25 GBp	+2.8	+1.0	+1.0	+31.4	1.19	204.5	201.5	47.2	96.5	161.4	97.2	0.08	1,289	Neg.	6.3	5.7	1.5	2.0	2.2	1.0	1.0	1.0	0.4	2.5
Regal Petroleum	RPT LN	London	12.50 GBp	-3.8	-3.8	-3.8	-58.8	0.21	66.0	39.2	80.9	53.4	4.4	7.6	0.01	8,358	5.7	13.2	N/A	1.8	2.3	N/A	1.0	N/A	N/A	0.2	0.0
Sadova Group	SGR PW	Warsaw	0.63 PLN	+0.0	+18.9	+18.9	-66.8	0.20	8.7	48.4	25.0	2.2	7.7	40.7	1.79	56	Neg.	N/A	N/A	24.1	N/A	N/A	1.2	N/A	N/A	0.2	42.7
METALLURGY																											
Alchevsky Meta	ALMK UK	Kiev, UX	0.04 UAH	+0.3	-7.2	-7.2	-30.6	0.00	109.5 1	1,766.5	3.9	4.2	5.9	18.1	0.19	520	Neg.	Neg.	N/A	N/A	Neg.	N/A	1.0	1.1	N/A	N/A	64.5
Avdiyivsky Cok	. AVDK UK	Kiev, UX	2.72 UAH	-0.4	-8.0	-8.0	-12.2	0.32	62.7	58.4	4.0	2.5	0.7	13.1	0.42	236	Neg.	Neg.	2.5	Neg.	1.4	8.0	0.1	0.1	0.1	0.1	0.0
Azovstal	AZST UK	Kiev, UX	0.60 UAH	-2.0	-10.7	-10.7	-15.1	0.07	296.7	286.9	4.1	12.2	4.2	19.0	0.04	2,547	Neg.	Neg.	N/A	Neg.	Neg.	N/A	0.1	0.1	N/A	0.2	0.0
Ferrexpo PLC	FXP0 LN	London	156.60 GBp	-1.8	-18.0	-18.0	-37.0	2.58	1,519.0 2	2,106.5	22.4	340.3	3,716.5	2,342.0	0.97	104	7.1	6.0	6.5	5.3	4.4	4.6	1.5	1.3	1.3	1.0	37.0
Yasynivsky Cok	YASK UK	Kiev, UX	0.58 UAH	+4.9	+8.9	+8.9	-15.0	0.07	18.6	20.3	9.0	1.7	1.6	2.0	0.06	1,683	2.3	1.5	1.1	0.1	0.7	0.7	0.0	0.0	0.1	0.1	0.1
Yenakievo Steel	ENMZ UK	Kiev, UX	31.30 UAH	+0.3	-2.2	-2.2	-13.6	3.69	39.0	32.8	9.4	3.7	2.8	10.3	0.23	436	4.8	Neg.	2.0	Neg.	Neg.	N/A	0.0	0.0	0.0	0.7	0.0
FOOD AND AGRI	IBUSINESS																										
AgroGeneration	ALAGR FP	EN Paris	1.23 EUR	-0.8	-0.8	-0.8	-28.9	1.67	58.4	85.3	34.0	19.9	16.2	42.1	0.18	541	Neg.	N/A	N/A	Neg.	N/A	N/A	1.3	N/A	N/A	1.3	35.9
Agroliga	AGL PW	Warsaw	26.40 PLN	-2.2	+1.8	+1.8	+32.0	8.44	13.0	13.3	16.7	2.2	8.8	11.1	0.53	188	18.5	N/A	N/A	18.1	N/A	N/A	5.2	N/A	N/A	N/A	7.5
Agroton	AGT PW	Warsaw	2.57 PLN	+1.6	+31.8	+31.8	-76.3	0.82	17.8	65.1	26.2	4.7	100.5	141.1	7.17	14	2.6	3.7	2.4	4.5	7.0	4.2	0.7	1.0	0.8	0.1	28.0
Astarta Holdin	AST PW	Warsaw	66.00 PLN	-0.8	-1.3	-1.3	+9.8	21.10	527.5	852.5	31.0	163.6	120.7	217.0	0.11	885	8.6	7.4	4.3	9.7	7.1	4.7	1.8	1.7	1.4	0.9	38.9
Avangard	AVGR LI Lo	ondon Intl	11.25 USD	-2.1	-4.3	-4.3	-2.9	11.25	718.6	884.9	21.7	155.9	0.1	249.7	0.24	415	3.2	3.2	3.3	3.2	3.0	3.1	1.4	1.3	1.2	0.6	22.3
IMC	IMC PW	Warsaw	10.50 PLN	-7.1	-13.6	-13.6	-33.0	3.36	105.1	221.3	23.9	25.1	45.9	16.3	0.09	1,111	5.6	4.0	4.3	6.1	5.3	4.4	2.9	1.6	1.1	0.8	33.0
Kernel Holding	KER PW	Warsaw	38.95 PLN	-3.3	+2.3	+2.3	-44.1	12.45	992.3	1,712.6	58.8	583.2	933.6	2,054.3	0.25	395	8.9	9.4	5.4	5.9	6.1	4.8	0.6	0.7	0.6	0.8	30.6
KSG Agro	KSG PW	Warsaw	9.00 PLN	+1.6	-17.1	-17.1	-32.3	2.88	43.2	165.1	34.4	14.9	7.6	17.1	0.07	1,402	5.3	3.6	3.6	39.2	5.6	4.5	4.4	2.4	1.5	0.5	29.2
MHP	MHPC LI Lo	ondon Intl	15.61 USD	-4.2	-8.4	-8.4	-4.8	15.61	1,649.5 2	2,850.5	22.3	368.2	198.4	1,281.4	0.20	507	5.6	7.7	5.6	6.1	6.6	5.4	2.0	1.9	1.7	1.4	45.8
Milkiland	MLK PW	Warsaw	9.43 PLN	-5.5	-24.6	-24.6	-40.5	3.01	94.2	227.4	20.0	18.8	10.7	7.5	0.07	1,355	5.4	5.3	5.2	6.3	5.6	4.5	0.6	0.5	0.5	0.4	29.9
Mriya Agrohold	. MAYA GF	Frankfurt	5.20 EUR	+0.0	-3.7	-3.7	+9.5	7.04	748.1 1	1,480.0	20.0	149.6	0.0	1.7	0.00	596,879	4.3	4.7	4.9	6.4	5.5	6.0	4.3	3.9	3.5	0.8	34.8
Ovostar Union	OVO PW	Warsaw	80.00 PLN	-0.4	-20.0	-20.0	-18.8	25.58	153.5	165.5	25.0	38.4	0.6	41.8	0.08	1,312	6.5	6.0	4.1	5.9	5.4	3.4	2.3	2.0	1.5	1.5	3.7
CONSTRUCTION	4																										
TMM	TR61 GF	Xetra	0.32 EUR	+0.0	+0.0	+0.0	-4.8	0.43	22.2	181.6	13.1	2.9	0.0	0.0	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	8.3	N/A	N/A	0.2	44.1
FINANCIAL SERV	AVICES		•																								
Forum Bank	FORM UK	Kiev, UX	0.70 UAH	-0.1	-8.0	-8.0	+32.1	0.08	49.0	N/A	5.5	2.7	2.3	2.4	0.03	3,441	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.3	21.3
Raiffeisen Ban	BAVL UK	Kiev, UX	0.11 UAH	-1.9	-1.5	-1.5	+8.3	0.01	395.6	N/A	3.8	15.1	19.8	47.5	0.16	626	10.5	6.0	3.2	N/A	N/A	N/A	N/A	N/A	N/A	0.5	28.3
Ukrsotsbank	USCB UK	Kiev, UX	0.18 UAH	+1.1	-3.7	-3.7	+49.3	0.02	386.5	N/A	4.5				0.01		1,081.7	199.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A		30.9



Table 3. Ukrainian stocks (closing prices as of 30-Jan-2014)

			Share pri	ce perform	ance (%	change)		Valuation (USS	5)		Free float (I	F) & Liqui	idity		P/E	EV/EBITDA	EV/Sales	Ratios
Company	Bloomberg	Listing	Last	Daily	MoM	YTD	YoY	Last Market	EV	FF	FF Last day	3M avg.	FF share	FF	2010 2011E 2012E	2010 2011E 2012E	2010 2011E 2012E	P/B (x) Debt/
	Ticker		price					price cap (m)	(m)	(%)	mkt cap turnover	turnover	traded	turnover				Assets
											(US\$m) (US\$ 000)	(US\$ 000)	(%)	(days)				(%)

Notes: mln - millions; FF - free float; n/a - not available; neg. - negative; a company name (the left column of the table) is shortened to fit the column and hence in some cases is not displayed in full; \*\*\* -- means that P/E ratio is above 10,000x. Sources: Bloomberg, Investment Capital Ukraine LLC.





# **Bonds: News & Comments**

## Liquidity remains low

Banks' correspondent accounts with the NBU rose UAH1.13bn to UAH25.67bn yesterday after receiving significant funds from the NBU and the MoF. This is the first time this year that the MoF did not refinance a large debt repayment and instead made a large injection on Wednesday, decreasing total local currency debt repayments scheduled for the next 30 days by UAH3.05bn to UAH6.75bn. The NBU also supported liquidity as it redeemed UAH0.91bn in CDs, decreasing total CDs outstanding to UAH1.76bn. Broader banking sector liquidity fell UAH2.82bn to UAH34.17bn.

Money market interest rates rose significantly again yesterday, setting new record highs: the KyivPrime ON interest rate rose 153bp to 8.63% while the KyivPrime 1M interest rate rose 115bp to 13.25%.

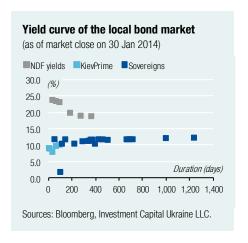
Investment implications: The MoF's made a UAH2.78bn net inflow and the NBU injected at least UAH1.11bn, including UAH0.91 of CD redemptions and UAH0.20bn of 13-day loans issued on Wednesday. However, these inflows caused bank's correspondent accounts to increase only UAH1.13bn after pressure from the FX market and monthend tax payments. Liquidity should decline more today without NBU support.

### YTMs rise further

After US Treasury YTMs slightly rose yesterday as the 5-year bond YTM rose 1bp to 1.51% and the 10-year bond YTM rose 2bp to 2.70% in reaction to news that QE3 will be tapered further, Ukrainian Eurobonds become more and more risky.

After Tuesday's one-day rebound, YTMs continued to increase yesterday and many Eurobond yields rose above 10.0% and their spreads penetrated 1,000bp. Some investors sold their portfolios due to the sovereign ratings downgrade, but anticipations of the upcoming large debt repayments not being refinanced with promised Russian financing caused the most volatility. As a result, YTMs of Ukrainian Eurobonds at the close rose as UKRAIN 6.875% '15 rose 182bp to 11.28%, UKRAIN 9.25% '17 rose 56bp to 10.41%, while UKRAIN 7.95% '21 rose 36bp to 10.15%, UKRAIN 7.80% '22 rose 22bp to 10.24% and UKRAIN 7.50% '23 rose 36bp to 9.86%.

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#### Bond market indicators (as of 30 Jan 2014)

YTD	MoM	Weekly	Daily	Last
chg (%)	chg (%)	chg (%)	chg (%)	

CDs <sup>2</sup> Sovgns <sup>3</sup> Total 3 HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m	8.63 11.00 13.25 12.75 13.25 //IDE ME 25,667 4,075 6,730 <b>36,472</b>	+153bp +190bp +115bp +70bp +30bp ASUREMEI +4.61 -42.06 +0.00	+633bp +812bp +575bp +200bp +125bp VT (UAHm) -13.33 -74.08 -13.96 -31.39	+83bp +120bp -300bp -365bp -275bp -21.51 +168.1 +350.2 +2.11	+83bp +120bp -300bp -365bp -275bp -21.51 +168.1 +350.2			
1wk 1m 2m 3m LIQUIDITY W CB acc's¹ 2 CDs² Sovgns³ Total 3 HOLDERS OI C.bank Banks Resid's⁴ Non-res⁵ Total NDF IMPLIE 3m 6m 9m 1yr	11.00 13.25 12.75 13.25 //DE ME 25,667 4,075 6,730 <b>86,472</b>	+190bp +115bp +70bp +30bp ASUREMEI +4.61 -42.06 +0.00 -4.77	+812bp +575bp +200bp +125bp VT (UAHm) -13.33 -74.08 -13.96 -31.39	+120bp -300bp -365bp -275bp  -21.51 +168.1 +350.2	+120bp -300bp -365bp -275bp  -21.51 +168.1 +350.2			
1m 2m 3m LIQUIDITY W CB acc's <sup>1</sup> 2 CDs <sup>2</sup> Sovgns <sup>3</sup> Total 3 HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m	13.25 12.75 13.25 //DE ME 25,667 4,075 6,730 <b>86,472</b>	+115bp +70bp +30bp +30bp ASUREMEN +4.61 -42.06 +0.00 -4.77	+575bp +200bp +125bp NT (UAHm) -13.33 -74.08 -13.96 -31.39	-300bp -365bp -275bp -21.51 +168.1 +350.2	-300bp -365bp -275bp -21.51 +168.1 +350.2			
2m 3m LIQUIDITY W CB acc's¹ 2 CDs² Sovgns³ Total 3 HOLDERS OI C.bank Banks Resid's⁴ Non-res⁵ Total NDF IMPLIE 3m 6m 9m 1yr	12.75 13.25 //IDE ME 25,667 4,075 6,730 <b>36,472</b>	+70bp +30bp +30bp ASUREMEI +4.61 -42.06 +0.00 -4.77	+200bp +125bp NT (UAHm) -13.33 -74.08 -13.96 -31.39	-365bp -275bp -21.51 +168.1 +350.2	-365bp -275bp -21.51 +168.1 +350.2			
3m  LIQUIDITY W CB acc's <sup>1</sup> 2 CDs <sup>2</sup> Sovgns <sup>3</sup> Total 3  HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m 1yr	13.25 /IDE ME 25,667 4,075 6,730 <b>86,472</b>	+30bp  ASUREMENT +4.61 -42.06 +0.00 -4.77	+125bp NT (UAHm) -13.33 -74.08 -13.96 -31.39	-275bp  -21.51 +168.1 +350.2	-275bp -21.51 +168.1 +350.2			
LIQUIDITY W CB acc's <sup>1</sup> 2 CDs <sup>2</sup> Sovgns <sup>3</sup> Total 3 HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m 1yr	VIDE ME 25,667 4,075 6,730 <b>86,472</b>	+4.61 -42.06 +0.00 -4.77	NT (UAHm) -13.33 -74.08 -13.96 -31.39	-21.51 +168.1 +350.2	-21.51 +168.1 +350.2			
CB acc's <sup>1</sup> 2 CDs <sup>2</sup> Sovgns <sup>3</sup> Total 3 HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m 1yr	25,667 4,075 6,730 <b>36,472</b>	+4.61 -42.06 +0.00 -4.77	-13.33 -74.08 -13.96 -31.39	+168.1 +350.2	+168.1 +350.2			
CDs <sup>2</sup> Sovgns <sup>3</sup> Total 3 HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m	4,075 6,730 <b>86,472</b>	-42.06 +0.00 -4.77	-74.08 -13.96 -31.39	+168.1 +350.2	+168.1 +350.2			
Sovgns <sup>3</sup> Total 3  HOLDERS OI  C.bank  Banks  Resid's <sup>4</sup> Non-res <sup>5</sup> Total  NDF IMPLIE  3m  6m  9m  1yr	6,730 <b>86,472</b>	+0.00	-13.96 -31.39	+350.2	+350.2			
Total 3 HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m 1yr	36,472	-4.77	-31.39					
HOLDERS OI C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> Total NDF IMPLIE 3m 6m 9m				+2.11	10.11			
C.bank Banks Resid's <sup>4</sup> Non-res <sup>5</sup> <b>Total NDF IMPLIE</b> 3m 6m 9m	F UAH S	COVEREIG			+2.11			
Banks Resid's <sup>4</sup> Non-res <sup>5</sup> <b>Total NDF IMPLIE</b> 3m 6m 9m		DOVENLIG	N BONDS	(UAHm)				
Resid's <sup>4</sup> Non-res <sup>5</sup> <b>Total NDF IMPLIE</b> I 3m 6m 9m	N/A	N/A	N/A	N/A	N/A			
Non-res <sup>5</sup> <b>Total NDF IMPLIE</b> 3m 6m 9m	N/A	N/A	N/A	N/A	N/A			
Total NDF IMPLIE 3m 6m 9m 1yr	N/A	N/A	N/A	N/A	N/A			
NDF IMPLIE 3m 6m 9m 1yr	N/A	N/A	N/A	N/A	N/A			
3m 6m 9m 1yr	N/A	N/A	N/A	N/A	N/A			
6m 9m 1yr	NDF IMPLIED YIELDS (%)							
9m 1yr	18.19	+116bp	+444bp	+605bp	+605bp			
1yr	15.16	+59bp	+220bp	+176bp	+176bp			
,	15.11	+94bp	+120bp	+110bp	+110bp			
LOCAL CURI	17.75	+294bp	+305bp	+276bp	+276bp			
	LOCAL CURRENCY UAH SOVEREIGN BOND YIELDS (%)							
Mar '13	N/A	-52ppt	+0bp	+0bp	+0bp			
Jan '14		+320bp	+54bp	-676bp	-676bp			
Aug '15 <sup>6</sup>	N/A	+74bp	+0bp	+0bp	+0bp			
EUROBONDS	N/A N/A	. i ibb	DONE VIII	DS (%)				

Notes: [1] banks' account balance at NBU; [2] certificates of deposits issued by NBU; [3] UAH sovereign bonds due next 30 days; [4] residents; [5] non-residents; [6] VAT bond. Sources: Bloomberg, Investment Capital Ukraine LLC.

+78bp +147bp +185bp

+62bp

+95bp

+47bp

+42bp

+66bp

+74bn

CDS 5yr

Jun '16

Jul '17

Sep '20 Sep '21

Sep '22

Feb '23

1,006

9.69

10.40

10.23

10.15

10.24

9.86

+57bp

+54bp

+47bp

+32bp

+18bp

+33bn

+189bp

+80bp

+85bp

+104bp

+93bp

+89bp

+80bp

+85bp

+104bp

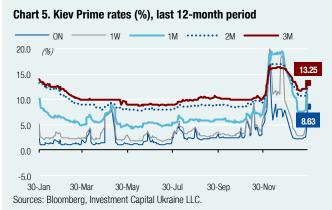
+93bp

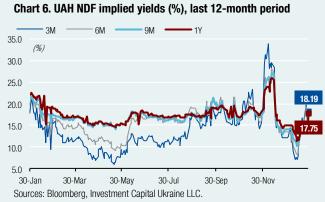
+89bp

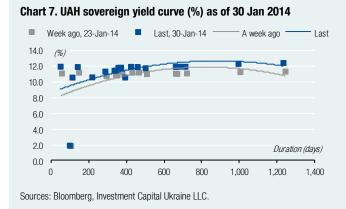
+81bp



## Chart page: Local bond market & Eurobond markets

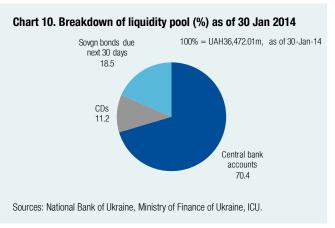


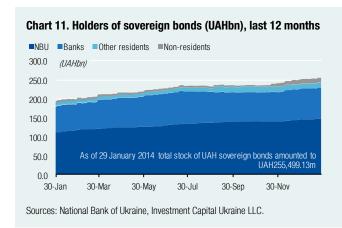


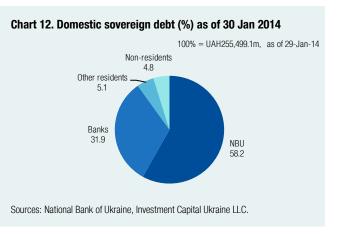












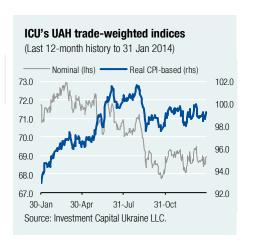


# **FX: News & Comments**

## NBU intervenes at 8.40/USD for fourth consecutive day

While Bloomberg data reported that the USD/UAH rate hovered at 8.50/USD during the trading day and closed at 8.4750/USD, Interfax-Ukraine reported that the NBU continued to intervene by offering US dollars at 8.40/USD even as the USD/UAH rate fell as low as 8.63/USD. Market pressure is climbing despite efforts to control it as trading volume hit US\$3.04bn yesterday, an increase from the previous day's volume. Meanwhile, the UAH's real tradeweighted index was up by 0.08% as the Russian ruble gained 0.63% to 34.8651/USD, thanks to increased FX selling by the Russian central bank, signaling that Russian authorities have become concerned about the potential of fear-based selling of the RUB and household purchasing of FX. The Euro declined 0.79%, while the renmibi moved down 0.09%.

Alexander Valchyshen, Kiev, +38044 2200120 ext.242



### FX market indicators (as of 30 Jan 2014)

Last	Daily	Weekly	MoM	YTD
	cha (%)	cha (%)	cha (%)	cha (%)

Spot mkt   8.4750			cng (%)	cng (%)	cng (%)	cng (%)		
NBU avg 8.1408	USD/UAH I	MARKET (	IRYVNIA p	er US DOL	LAR)			
Tit vim¹ 3446.04 +8.94 +41.67 +22.98 +22.98 \$ volume² 3039.52 +8.18 +63.36 +37.48 +37.48   NDF 3M 8.8550 +0.28 +1.49 +4.36 +4.36   NDF 6M 9.1050 +0.28 +1.45 +3.70 +3.70   NDF 1Y 9.9225 +2.56 +3.09 +5.33 +5.33   TRADE-WEIGHTED INDICES (TWIs, points)  UAH nom'l 68.945 +0.08 +0.78 +0.47 +0.25   UAH real PPl 131.681 +0.08 +0.78 +0.47 +0.25   USD nom'l 81.085 +0.72 +0.80 +1.36 +1.31   FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS   USD/RUB 34.8651 -0.63 +2.28 +6.15 +6.07   EUR/USD 1.3555 -0.79 -1.03 -1.78 -1.37   USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10   USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28   USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63   USD/BYR 9,640.00 +0.00 +0.26 +1.01 +0.27   USD/LSD/LSD/LSD/LSD/LSD/LSD/LSD/LSD/LSD/L	Spot mkt	8.4750	+0.00	+0.41	+2.85	+2.85		
\$ volume <sup>2</sup> 3039.52	NBU avg	8.1408	-0.17	-0.14	-0.12	-0.12		
NDF 3M 8.8550 +0.28 +1.49 +4.36 +4.36 NDF 6M 9.1050 +0.28 +1.45 +3.70 +3.70 NDF 1Y 9.9225 +2.56 +3.09 +5.33 +5.33   TRADE-WEIGHTED INDICES (TWIs, points)  UAH nom'I 68.945 +0.08 +0.78 +0.47 +0.25 UAH real CPI 99.180 +0.08 +0.78 +0.47 +0.25 UAH real PPI 131.681 +0.08 +0.78 +0.47 +0.25 USD nom'I 81.085 +0.72 +0.80 +1.36 +1.31   FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS USD/RUB 34.8651 -0.63 +2.28 +6.15 +6.07 EUR/USD 1.3555 -0.79 -1.03 -1.78 -1.37 USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10 USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28 USD/BYR 9.640.00 +0.00 +0.26 +1.05 +1.05 USD/BYR 9.640.00 +0.00 +0.26 +1.05 +1.05 USD/BYR 9.640.00 +0.01 +0.27 +1.18 +0.79 OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46 GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43 USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11 AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94 COMMIDITIES  Gold(\$/oz\$) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A	Ttl vlm <sup>1</sup>	3446.04	+8.94	+41.67	+22.98	+22.98		
NDF 6M 9.1050 +0.28 +1.45 +3.70 +3.70 NDF 1Y 9.9225 +2.56 +3.09 +5.33 +5.33  TRADE-WEIGHTED INDICES (TWIs, points)  UAH nom'I 68.945 +0.08 +0.78 +0.47 +0.25 UAH real CPI 99.180 +0.08 +0.78 +0.47 +0.25 UAH real PPI 131.681 +0.08 +0.78 +0.47 +0.25 USD nom'I 81.085 +0.72 +0.80 +1.36 +1.31  FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS USD/RUB 34.8651 -0.63 +2.28 +6.15 +6.07 EUR/USD 1.3555 -0.79 -1.03 -1.78 -1.37 USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10 USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28 USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63 USD/BYR 9.640.00 +0.00 +0.26 +1.05 +1.05 USD/BYR 9.640.00 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46 GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A Brent crd³ N/A N/A N/A N/A N/A N/A	\$ volume <sup>2</sup>	3039.52	+8.18	+63.36	+37.48	+37.48		
NDF 1Y   9.9225   +2.56   +3.09   +5.33   +5.33     TRADE-WEIGHTED INDICES (TWIs, points)     UAH nom'I   68.945   +0.08   +0.78   +0.47   +0.25     UAH real CPI   99.180   +0.08   +0.78   +0.47   +0.25     UAH real PPI   131.681   +0.08   +0.78   +0.47   +0.25     USD nom'I   81.085   +0.72   +0.80   +1.36   +1.31     FX RATES OF KEY CURRENCIES   THAT SHAPE UAH'S   TWIS     USD/RUB   34.8651   -0.63   +2.28   +6.15   +6.07     EUR/USD   1.3555   -0.79   -1.03   -1.78   -1.37     USD/CNY   6.0603   +0.09   +0.13   -0.03   +0.10     USD/PLN   3.1223   +0.95   +2.28   +3.92   +3.28     USD/TRY   2.2692   +0.36   -1.02   +6.86   +5.63     USD/BYR   9,640.00   +0.00   +0.26   +1.05   +1.05     USD/KZT   155.4900   +0.01   +0.27   +1.18   +0.79     OTHER MAJOR CURRENCIES     USD/CAD   1.6485   -0.47   -0.91   -0.10   -0.43     USD/CAD   1.1157   -0.13   +0.50   +4.78   +5.03     USD/CAD   1.1157   -0.13   +0.50   +4.78   +5.03     USD/KRW   1,080.68   +1.00   +0.64   +2.39   +2.94     COMMIDITIES     Gold(\$/oz   1,243.92   -1.84   -1.60   +3.96   +3.17     WTI crude <sup>3</sup>   N/A   N/A   N/A   N/A   N/A     Urals crd <sup>3</sup>   N/A   N/A   N/A   N/A   N/A   N/A     Urals crd <sup>3</sup>   N/A   N/A   N/A   N/A   N/A   N/A     Urals crd <sup>3</sup>   N/A   N/A   N/A   N/A   N/A   N/A   N/A     Urals crd <sup>3</sup>   N/A   N/A   N/A   N/A   N/A   N/A     Urals crd <sup>3</sup>   N/A   N/A   N/A   N/A   N/A   N/A     Urals crd <sup>3</sup>   N/A   N/A   N/A   N/A     Urals crd <sup>4</sup>   N/A   N/A   N/A   N/A     Urals crd <sup>4</sup>   N/A   N/A   N/A   N/A     Urals crd <sup>4</sup>   N/A	NDF 3M	8.8550	+0.28	+1.49	+4.36	+4.36		
TRADE-WEIGHTED INDICES (TWIs, points)  UAH nom'I 68.945	NDF 6M	9.1050	+0.28	+1.45	+3.70	+3.70		
UAH nom'I         68.945         +0.08         +0.78         +0.47         +0.25           UAH real CPI         99.180         +0.08         +0.78         +0.47         +0.25           UAH real PPI         131.681         +0.08         +0.78         +0.47         +0.25           USD nom'I         81.085         +0.72         +0.80         +1.36         +1.31           FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS           USD/RUB         34.8651         -0.63         +2.28         +6.15         +6.07           EUR/USD         1.3555         -0.79         -1.03         -1.78         -1.37           USD/CNY         6.0603         +0.09         +0.13         -0.03         +0.10           USD/PLN         3.1223         +0.95         +2.28         +3.92         +3.28           USD/BYR         9,640.00         +0.00         +0.26         +1.05         +1.05           USD/KZT         155.4900         +0.01         +0.27         +1.18         +0.79           OTHER MAJOR CURRENCIES           USD/CHF         0.9028         +0.94         +0.61         +1.70         +1.11           AUD/USD         0.8794         +0.63         +0.	NDF 1Y	9.9225	+2.56	+3.09	+5.33	+5.33		
UAH real CPI 99.180	TRADE-WE	TRADE-WEIGHTED INDICES (TWIs, points)						
UAH real PPI         131.681         +0.08         +0.78         +0.47         +0.25           USD nom'I         81.085         +0.72         +0.80         +1.36         +1.31           FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS           USD/RUB         34.8651         -0.63         +2.28         +6.15         +6.07           EUR/USD         1.3555         -0.79         -1.03         -1.78         -1.37           USD/CNY         6.0603         +0.09         +0.13         -0.03         +0.10           USD/PLN         3.1223         +0.95         +2.28         +3.92         +3.28           USD/TRY         2.2692         +0.36         -1.02         +6.86         +5.63           USD/BYR         9,640.00         +0.00         +0.26         +1.05         +1.05           USD/KZT         155.4900         +0.01         +0.27         +1.18         +0.79           OTHER MAJOR CURRENCIES           USD/JY         102.7200         +0.42         -0.52         -2.31         -2.46           GBP/USD         1.6485         -0.47         -0.91         -0.10         -0.43           USD/CAD         1.1157         -0.13         +0.50 <td>UAH nom'l</td> <td>68.945</td> <td>+0.08</td> <td>+0.78</td> <td>+0.47</td> <td>+0.25</td>	UAH nom'l	68.945	+0.08	+0.78	+0.47	+0.25		
USD nom'I 81.085 +0.72 +0.80 +1.36 +1.31  FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS  USD/RUB 34.8651 -0.63 +2.28 +6.15 +6.07  EUR/USD 1.3555 -0.79 -1.03 -1.78 -1.37  USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10  USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28  USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63  USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05  USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46  GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude³ N/A N/A N/A N/A N/A N/A  Brent crd³ N/A N/A N/A N/A N/A	UAH real CPI	99.180	+0.08	+0.78	+0.47	+0.25		
FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS  USD/RUB 34.8651	UAH real PPI	131.681	+0.08	+0.78	+0.47	+0.25		
USD/RUB 34.8651 -0.63 +2.28 +6.15 +6.07  EUR/USD 1.3555 -0.79 -1.03 -1.78 -1.37  USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10  USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28  USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63  USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05  USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46  GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude³ N/A N/A N/A N/A N/A N/A  Brent crd³ N/A N/A N/A N/A N/A N/A	USD nom'l	81.085	+0.72	+0.80	+1.36	+1.31		
EUR/USD 1.3555 -0.79 -1.03 -1.78 -1.37  USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10  USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28  USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63  USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05  USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46  GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude³ N/A N/A N/A N/A N/A N/A  Brent crd³ N/A N/A N/A N/A N/A N/A	FX RATES OF KEY CURRENCIES THAT SHAPE UAH'S TWIS							
USD/CNY 6.0603 +0.09 +0.13 -0.03 +0.10 USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28 USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63 USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05 USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46 GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43 USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11 AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A Brent crd³ N/A N/A N/A N/A N/A N/A	USD/RUB	34.8651	-0.63	+2.28	+6.15	+6.07		
USD/PLN 3.1223 +0.95 +2.28 +3.92 +3.28  USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63  USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05  USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46  GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude <sup>3</sup> N/A N/A N/A N/A N/A  Brent crd <sup>3</sup> N/A N/A N/A N/A N/A N/A	EUR/USD	1.3555	-0.79	-1.03	-1.78	-1.37		
USD/TRY 2.2692 +0.36 -1.02 +6.86 +5.63  USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05  USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46  GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude <sup>3</sup> N/A N/A N/A N/A N/A  Brent crd <sup>3</sup> N/A N/A N/A N/A N/A	USD/CNY	6.0603	+0.09	+0.13	-0.03	+0.10		
USD/BYR 9,640.00 +0.00 +0.26 +1.05 +1.05 USD/KZT 155.4900 +0.01 +0.27 +1.18 +0.79  OTHER MAJOR CURRENCIES  USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46  GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude³ N/A N/A N/A N/A N/A  Brent crd³ N/A N/A N/A N/A N/A	USD/PLN	3.1223	+0.95	+2.28	+3.92	+3.28		
USD/KZT         155.4900         +0.01         +0.27         +1.18         +0.79           OTHER MAJOR CURRENCIES           USD/JPY         102.7200         +0.42         -0.52         -2.31         -2.46           GBP/USD         1.6485         -0.47         -0.91         -0.10         -0.43           USD/CHF         0.9028         +0.94         +0.61         +1.70         +1.11           AUD/USD         0.8794         +0.63         +0.30         -1.24         -1.38           USD/CAD         1.1157         -0.13         +0.50         +4.78         +5.03           USD/BRL         2.4094         -1.14         +0.41         +2.11         +2.00           USD/KRW         1,080.68         +1.00         +0.64         +2.39         +2.94           COMMIDITIES           Gold(\$/oz)         1,243.92         -1.84         -1.60         +3.96         +3.17           WTI crude³         N/A         N/A         N/A         N/A         N/A           Brent crd³         N/A         N/A         N/A         N/A         N/A	USD/TRY	2.2692	+0.36	-1.02	+6.86	+5.63		
OTHER MAJOR CURRENCIES           USD/JPY         102.7200         +0.42         -0.52         -2.31         -2.46           GBP/USD         1.6485         -0.47         -0.91         -0.10         -0.43           USD/CHF         0.9028         +0.94         +0.61         +1.70         +1.11           AUD/USD         0.8794         +0.63         +0.30         -1.24         -1.38           USD/CAD         1.1157         -0.13         +0.50         +4.78         +5.03           USD/BRL         2.4094         -1.14         +0.41         +2.11         +2.00           USD/KRW         1,080.68         +1.00         +0.64         +2.39         +2.94           COMMIDITIES           Gold(\$/oz)         1,243.92         -1.84         -1.60         +3.96         +3.17           WTI crude³         N/A         N/A         N/A         N/A         N/A           Brent crd³         N/A         N/A         N/A         N/A         N/A	USD/BYR	9,640.00	+0.00	+0.26	+1.05	+1.05		
USD/JPY 102.7200 +0.42 -0.52 -2.31 -2.46 GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43 USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11 AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A Brent crd³ N/A N/A N/A N/A N/A N/A Urals crd³ N/A N/A N/A N/A N/A N/A	USD/KZT	155.4900	+0.01	+0.27	+1.18	+0.79		
GBP/USD 1.6485 -0.47 -0.91 -0.10 -0.43  USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11  AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38  USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03  USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00  USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17  WTI crude³ N/A N/A N/A N/A N/A N/A  Brent crd³ N/A N/A N/A N/A N/A N/A  Urals crd³ N/A N/A N/A N/A N/A N/A	OTHER MAJOR CURRENCIES							
USD/CHF 0.9028 +0.94 +0.61 +1.70 +1.11 AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A Brent crd³ N/A N/A N/A N/A N/A N/A Urals crd³ N/A N/A N/A N/A N/A N/A	USD/JPY	102.7200	+0.42	-0.52	-2.31	-2.46		
AUD/USD 0.8794 +0.63 +0.30 -1.24 -1.38 USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94 COMMIDITIES Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A N/A Urals crd³ N/A N/A N/A N/A N/A N/A N/A N/A N/A	GBP/USD	1.6485	-0.47	-0.91	-0.10	-0.43		
USD/CAD 1.1157 -0.13 +0.50 +4.78 +5.03 USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94  COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A Brent crd³ N/A N/A N/A N/A N/A N/A Urals crd³ N/A N/A N/A N/A N/A N/A	USD/CHF	0.9028	+0.94	+0.61	+1.70	+1.11		
USD/BRL 2.4094 -1.14 +0.41 +2.11 +2.00 USD/KRW 1,080.68 +1.00 +0.64 +2.39 +2.94 COMMIDITIES  Gold(\$/oz) 1,243.92 -1.84 -1.60 +3.96 +3.17 WTI crude³ N/A N/A N/A N/A N/A N/A N/A N/A N/A Urals crd³ N/A N/A N/A N/A N/A N/A N/A N/A N/A	AUD/USD	0.8794	+0.63	+0.30	-1.24	-1.38		
USD/KRW         1,080.68         +1.00         +0.64         +2.39         +2.94           COMMIDITIES           Gold(\$/oz)         1,243.92         -1.84         -1.60         +3.96         +3.17           WTI crude³         N/A         N/A         N/A         N/A         N/A           Brent crd³         N/A         N/A         N/A         N/A         N/A           Urals crd³         N/A         N/A         N/A         N/A         N/A	USD/CAD	1.1157	-0.13	+0.50	+4.78	+5.03		
COMMIDITIES           Gold(\$/oz)         1,243.92         -1.84         -1.60         +3.96         +3.17           WTI crude³         N/A         N/A         N/A         N/A         N/A         N/A           Brent crd³         N/A         N/A         N/A         N/A         N/A         N/A           Urals crd³         N/A         N/A         N/A         N/A         N/A         N/A	USD/BRL	2.4094	-1.14	+0.41	+2.11	+2.00		
Gold(\$/oz)         1,243.92         -1.84         -1.60         +3.96         +3.17           WTI crude³         N/A         N/A         N/A         N/A         N/A         N/A           Brent crd³         N/A         N/A         N/A         N/A         N/A         N/A           Urals crd³         N/A         N/A         N/A         N/A         N/A         N/A	USD/KRW	1,080.68	+1.00	+0.64	+2.39	+2.94		
WTI crude <sup>3</sup> N/A N/A N/A N/A N/A N/A Brent crd <sup>3</sup> N/A	COMMIDITIES							
Brent crd³         N/A         N/A         N/A         N/A         N/A           Urals crd³         N/A         N/A         N/A         N/A         N/A	Gold(\$/oz)	1,243.92	-1.84	-1.60	+3.96	+3.17		
Urals crd <sup>3</sup> N/A N/A N/A N/A	WTI crude <sup>3</sup>	N/A	N/A	N/A	N/A	N/A		
	Brent crd <sup>3</sup>	N/A	N/A	N/A	N/A	N/A		
TR/J CRB <sup>4</sup> 283.56 -0.29 +0.81 +0.35 +1.21	Urals crd <sup>3</sup>	N/A	N/A	N/A	N/A	N/A		
	TR/J CRB <sup>4</sup>	283.56	-0.29	+0.81	+0.35	+1.21		

Notes: [1] trading volume in all foreign currencies (US\$m);
[2] trading volume in the pair USD/UAH (US\$m);
[3] crude oil price (USD per barrel); [4] the Thomson Reuters/
Jefferies CRB Index. A green-/red-shaded box means gain or
loss, respectively, of the investment into the asset.
Currencies are gaining when their exchange rates strengthen

versus USD.

Sources: Bloomberg, Investment Capital Ukraine LLC.

Readers may follow the ICU trade-weighted indices of the local-currency, the hryvnia (UAH), on the ICU website (download history) and Bloomberg (type: ALLX UTWI <GO>).

Section on FX market is continued on next page.

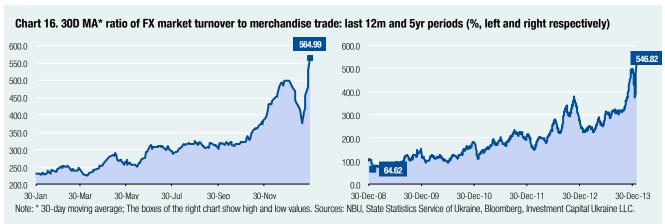


## Chart page #1: Foreign-exchange market





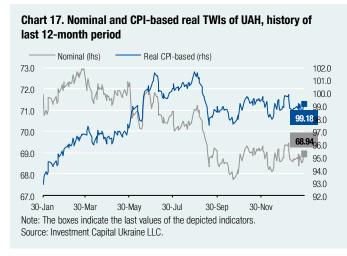


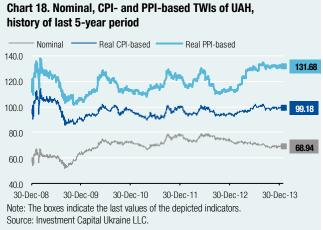




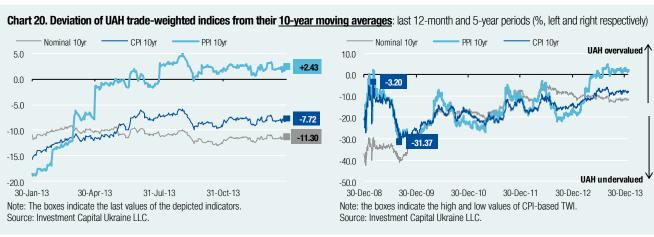
# Chart page #2: ICU's UAH trade-weighted indices

The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology published in the *Quarterly Report* "Keep the music playing" dated 31 January 2013 and, then, updated, in the *Quarterly Report* "Muddling through no more" dated 14 August 2013.









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This research publication has been prepared by the analyst(s), whose name(s) appear on the front page of this publication. The analyst(s) hereby certifies that the views expressed within this publication accurately reflect her/his own views about the subject financial instruments or issuers and no part of her/his compensation was, is, or will be directly or indirectly related to the inclusion of specific recommendations or views within this research publication.

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**Buy:** Forecasted 12-month total return greater than 20%

**Hold:** Forecasted 12-month total return 0% to 20% **Sell:** Forecasted 12-month total return less than 0%

Note: total return is share price appreciation to a target price in relative terms plus forecasted dividend yield.

### **DEBT RATING DEFINITIONS**

Buy: Forecasted 12-month total return significantly greater than that of relevant benchmark

Hold: Forecasted 12-month total return is in line with or modestly deviates from relevant benchmark

**Sell:** Forecasted 12-month total return significantly less than that of relevant benchmark



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