



Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
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Daily Insight

UAH inches down amid NBU sell intervention

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TUESDAY, 3 NOVEMBER 2015

UX Index (3 months to 3 Nov 2015)



Source: UX.

Key market indicators (as of 2 Nov 2015)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	23.0500	+0.44	+45.70
USD/UAH (1Y NDF)	27.6000	+0.00	+49.59
EUR/USD	1.1016	+0.09	-8.94
USD/RUB	63.6554	-0.47	+4.81
KievPRIME O/N (%)	18.60	-33bp	-30bp
KievPRIME 1M (%)	22.25	+17bp	+235bp
SOVEREIGN EUROBONDS: yields and spreads			
Ukraine 15, Eurobond (%)	N/A	+0bp	-5,346bp
Ukraine 17, Eurobond (%)	26.83	+5bp	-93bp
Ukraine 22, Eurobond (%)	13.02	+1bp	-323bp
Ukraine 23, Eurobond (%)	11.55	+1bp	-402bp
Ukraine 5Y CDS	0bp	+0bp	-2,199bp
EQUITIES			
Stock market indices			
UX (Ukraine)	785.88	-0.92	-23.94
MSCI World	413.40	+0.52	-0.89
MSCI EM	850.23	+0.28	-11.09
RTS (Russia)	853.77	+0.97	+8.47
WIG-20 (Poland)	2,077.09	+0.83	-10.31
S&P 500 (USA)	2,104.05	+1.19	+2.19

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

Sources: Bloomberg, UX, Investment Capital Ukraine LLC.

Bonds: News & Comments

November started from UAH86.36bn of liquidity

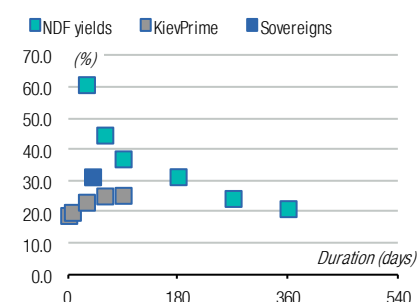
After a slight reallocation of funds yesterday, banking sector liquidity fell UAH0.30bn to UAH86.36bn as banks' correspondent accounts with the NBU rose UAH1.90bn to UAH22.38bn and total CDs outstanding declined UAH2.20bn to UAH63.98bn.

Investment implications: November opened with record high liquidity of UAH86.36bn, up nearly 84% from the beginning of the year. Liquidity remained high despite month-end tax payments which normally result in significant outflows. At the same time, at the end of October, the MoF had UAH43.62bn in the treasury accounts, down UAH3.5bn from the beginning of September. Most likely, liquidity remained high because of lower funds at treasury accounts as well as lower tax payments. However, larger budget expenditures in October exceeded taxes collected. Regardless, banking sector liquidity remained high and has many chances to recover above UAH90.0bn and set a new record high.

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Yield curve of the local bond market

(as of market close on 2 Nov 2015)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 2 Nov 2015)

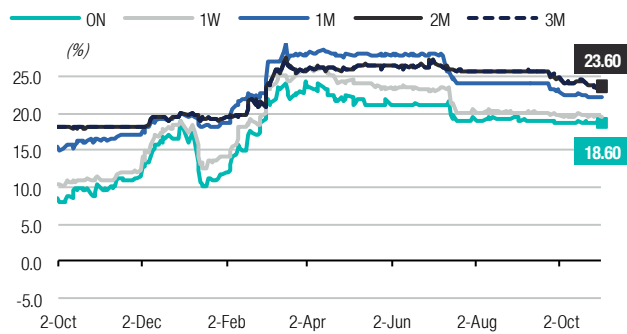
	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	18.60	-33bp	+2bp	-20bp	-30bp
1wk	19.60	-15bp	-7bp	-20bp	+60bp
1m	22.25	+17bp	+17bp	-65bp	+235bp
2m	23.40	+23bp	-27bp	-130bp	+340bp
3m	23.60	+27bp	-23bp	-140bp	+360bp
LIQUIDITY WIDE MEASUREMENT (UAHm)					
CB acc's ¹	22,375	+9.28	-16.99	-7.04	-32.71
CDs ²	63,982	-3.32	-1.42	+15.88	+305.3
Sovgns ³	7,469	+17.21	-0.61	+49.30	+64.83
Total	93,826	+0.86	-5.58	+11.32	+75.15
HOLDERS OF UAH SOVEREIGN BONDS (UAHm)					
C.bank	N/A	N/A	N/A	N/A	N/A
Banks	N/A	N/A	N/A	N/A	N/A
Resid's ⁴	N/A	N/A	N/A	N/A	N/A
Non-res ⁵	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A
NDF IMPLIED YIELDS (%)					
3m	N/A	N/A	N/A	N/A	N/A
6m	N/A	N/A	N/A	N/A	N/A
9m	N/A	N/A	N/A	N/A	N/A
1yr	N/A	N/A	N/A	N/A	N/A
LOCAL CURRENCY UAH SOVEREIGN BOND YIELDS (%)					
Mar '13	N/A	N/A	N/A	N/A	N/A
Jan '14	N/A	N/A	N/A	N/A	N/A
Aug '15 ⁶	N/A	N/A	N/A	N/A	N/A
EUROBONDS USD SOVEREIGN BOND YIELDS (%)					
CDS 5yr	0	+0bp	+0bp	-10ppt	-22ppt
Jun '16	56.36	+29bp	+172bp	+744bp	+19bp
Jul '17	26.83	+5bp	+30bp	+139bp	-93bp
Sep '20	13.35	+1bp	+6bp	+27bp	-550bp
Sep '21	14.14	+1bp	+6bp	+27bp	-440bp
Sep '22	13.02	+1bp	+4bp	+21bp	-323bp
Feb '23	11.55	+1bp	+4bp	-72bp	-402bp

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.

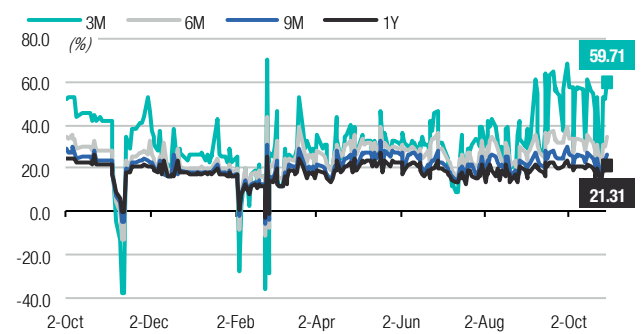
Chart page: Local bond market & Eurobond markets

Chart 1. Kiev Prime rates (%), last 12-month period



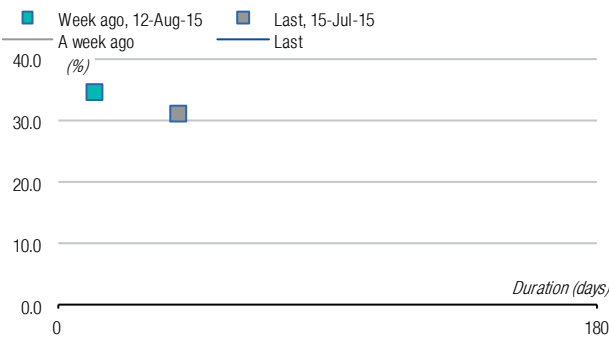
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 2. UAH NDF implied yields (%), last 12-month period



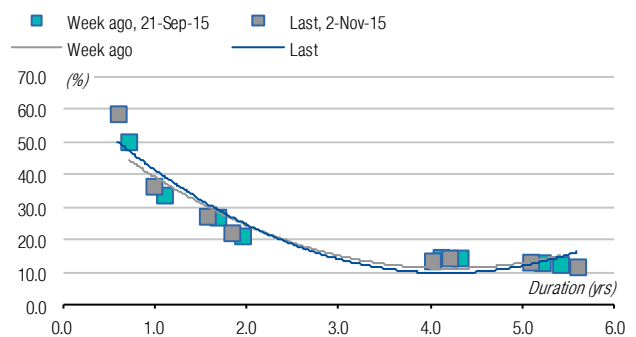
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 2 Nov 2015



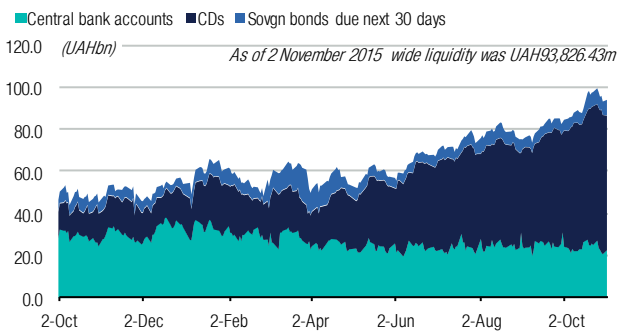
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 2 Nov 2015



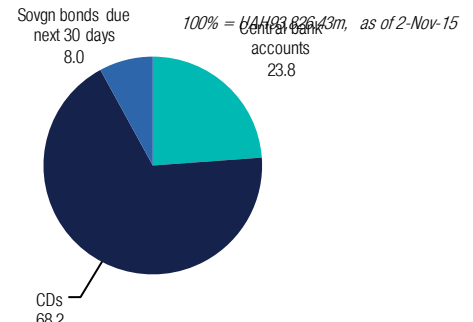
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 5. Banking sector liquidity (UAHbn), last 12-month period



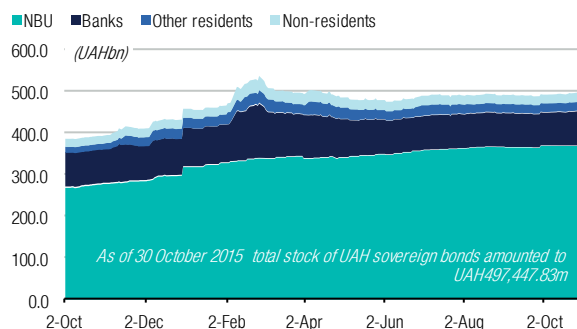
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 2 Nov 2015



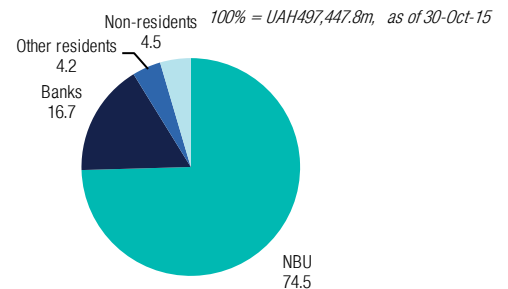
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 7. Holders of sovereign bonds (UAHbn), last 12 months



Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 8. Domestic sovereign debt (%) as of 2 Nov 2015



Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Table 1. Ukrainian stocks (closing prices as of 2-Nov-2015)

Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/Assets (%)
ENERGY																											
Cadogan Petrol...	CAD LN	London	10.25 GBp	+0.0	-13.7	+2.5	+0.0	0.16	36.6	-12.6	40.2	14.7	0.0	9.7	0.02	4,738	Neg.	N/A	N/A	1.8	N/A	N/A	Neg.	N/A	N/A	0.5	15.3
Centrenerg	CEEN UK	Kiev, UX	5.39 UAH	+0.0	-4.5	-28.5	-28.0	0.23	86.4	74.3	21.7	18.8	7.3	10.5	0.06	1,702	28.2	Neg.	5.2	0.2	Neg.	2.2	0.2	0.2	0.2	0.9	4.2
Coal Energy	CLE PW	Warsaw	0.69 PLN	-1.4	+0.0	+11.3	-12.7	0.18	8.0	80.6	25.0	2.0	0.1	1.8	0.09	1,065	Neg.	N/A	N/A	11.1	N/A	N/A	0.7	N/A	N/A	0.3	56.9
Donbasenergo	DOEN UK	Kiev, UX	17.50 UAH	+0.0	-9.3	-47.0	-45.9	0.76	18.0	28.7	14.2	2.6	2.1	3.3	0.04	2,622	4.1	Neg.	N/A	0.0	N/A	N/A	0.1	0.2	N/A	0.3	13.6
JXK Oil & Gas	JXK LN	London	27.00 GBp	-1.8	+45.9	+125.0	-29.4	0.42	71.6	82.3	47.2	33.8	0.0	157.0	0.17	606	Neg.	Neg.	Neg.	Neg.	2.5	3.3	0.6	0.7	1.1	0.3	9.9
Regal Petroleum	RPT LN	London	3.85 GBp	-6.1	+2.7	+23.2	-38.4	0.06	19.1	-14.3	80.9	15.4	0.0	1.9	0.01	14,787	3.3	N/A	N/A	Neg.	N/A	N/A	Neg.	Neg.	N/A	0.3	0.0
Zakhidenergo	ZAEN UK	Kiev, PFTS	95.00 UAH	+0.0	-26.9	-35.9	-38.7	4.12	52.7	86.5	5.0	2.6	0.8	0.3	0.03	2,959	Neg.	N/A	N/A	0.1	N/A	N/A	0.2	N/A	N/A	0.6	11.6
METALLURGY																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	+0.0	-20.4	-24.8	-53.6	0.00	12.2	1,793.5	3.9	0.5	0.3	0.2	0.08	1,177	Neg.	Neg.	N/A	0.6	Neg.	N/A	2.8	6.8	N/A	N/A	145.5
Avdiyivsky Cok...	AVDK UK	Kiev, UX	1.08 UAH	+0.0	-7.6	-37.5	-57.1	0.05	9.1	8.6	4.0	0.4	0.0	1.0	0.20	505	Neg.	Neg.	N/A	Neg.	N/A	N/A	0.0	0.0	N/A	0.0	0.0
Azovstal	AZST UK	Kiev, UX	0.58 UAH	+0.0	-24.8	-22.8	-25.4	0.02	104.9	44.6	4.1	4.3	0.5	1.5	0.05	1,949	2.6	2.0	N/A	0.0	N/A	N/A	0.0	0.0	N/A	0.1	0.0
Ferrexpo PLC	FXPO LN	London	32.25 GBp	-5.1	-9.8	-34.1	-59.2	0.50	293.1	949.7	22.4	65.7	346.8	390.9	0.47	211	1.6	2.4	6.1	3.0	3.7	4.7	0.7	0.9	1.0	0.6	61.1
Yasynivsky Cok...	YASK UK	Kiev, UX	0.25 UAH	+0.0	-3.8	-10.7	-40.5	0.01	3.0	3.6	9.0	0.3	0.0	1.4	0.55	183	Neg.	Neg.	N/A	Neg.	N/A	N/A	0.0	0.0	N/A	0.1	0.0
Yenakievo Steel	ENMZ UK	Kiev, UX	16.40 UAH	+0.0	-3.4	-21.7	-37.9	0.71	7.5	0.2	9.4	0.7	0.0	1.8	0.04	2,549	Neg.	Neg.	N/A	0.0	0.0	N/A	0.0	0.0	N/A	0.2	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	0.42 EUR	-4.5	+2.4	-2.3	-14.3	0.46	42.8	136.9	34.0	14.5	68.9	58.5	0.82	122	Neg.	Neg.	2.6	Neg.	6.7	4.5	1.9	2.1	1.7	N/A	35.9
Agroliga	AGL PW	Warsaw	15.48 PLN	+3.1	+35.8	+72.0	+20.8	4.01	6.2	6.9	16.7	1.0	0.7	1.8	0.23	427	1.8	N/A	N/A	2.0	N/A	N/A	0.4	N/A	N/A	0.6	5.7
Agroton	AGT PW	Warsaw	1.21 PLN	-5.5	+14.2	-1.6	-39.8	0.31	6.8	33.5	26.2	1.8	13.3	15.5	2.01	50	Neg.	N/A	N/A	1.5	N/A	N/A	0.6	N/A	N/A	0.2	33.4
Astarta Holdin...	AST PW	Warsaw	37.45 PLN	+4.7	+34.2	+87.3	+24.2	9.69	242.2	469.4	31.0	75.1	42.9	72.8	0.08	1,294	Neg.	42.4	3.8	3.9	4.1	4.1	1.2	1.2	1.1	1.0	49.6
Avangard	AVGR LI	London Intl	1.10 USD	-5.2	+22.2	-46.3	-83.0	1.10	70.3	370.5	21.7	15.2	28.4	46.3	0.06	1,813	Neg.	Neg.	Neg.	2.9	9.7	4.6	0.9	1.3	1.1	0.2	33.1
IMC	IMC PW	Warsaw	6.75 PLN	+1.7	+28.6	+19.0	-8.0	1.75	54.7	155.2	23.9	13.1	2.4	4.6	0.05	2,113	Neg.	3.0	1.8	2.7	2.8	2.9	1.1	1.2	1.1	2.0	69.8
Kernel Holding...	KER PW	Warsaw	52.79 PLN	+1.1	+17.6	+85.5	+105.5	13.66	1,088.4	1,423.2	58.8	639.7	1,584.2	2,002.6	0.41	245	10.2	5.0	5.1	3.6	3.9	4.0	0.6	0.6	0.5	1.2	31.6
KSG Agro	KSG PW	Warsaw	1.04 PLN	-7.1	+9.5	-7.1	-19.4	0.27	4.0	74.1	34.4	1.4	8.6	13.4	1.64	61	Neg.	N/A	N/A	7.4	N/A	N/A	2.3	N/A	N/A	N/A	67.4
MHP	MHPC LI	London Intl	9.41 USD	+3.4	-3.0	+2.3	-13.3	9.41	994.3	2,220.1	22.3	221.9	93.0	367.7	0.10	1,044	Neg.	6.2	3.6	4.0	4.4	4.4	1.6	1.8	1.8	1.5	53.0
Milkiland	MLK PW	Warsaw	1.98 PLN	+4.2	+102.0	+33.8	-35.1	0.51	16.0	123.0	20.0	3.2	23.6	56.1	3.53	28	Neg.	Neg.	Neg.	8.9	6.8	6.8	0.4	0.5	0.5	0.2	42.5
Ovostar Union	OVO PW	Warsaw	87.22 PLN	-0.5	+2.5	+21.1	+16.5	22.57	135.4	143.8	25.0	33.8	1.8	15.2	0.01	11,845	5.3	6.4	6.7	4.9	5.9	5.4	1.9	1.9	1.4	1.6	9.4
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	0.01 EUR	+0.0	+0.0	-85.0	-92.6	0.01	0.7	93.6	13.1	0.1	0.0	0.0	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	3.6	N/A	N/A	0.0	41.9
FINANCIAL SERVICES																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.08 UAH	+0.0	+1.8	-18.8	-36.4	0.00	101.4	N/A	3.8	3.9	1.8	5.5	0.16	629	N/A	Neg.	5.4	N/A	N/A	N/A	N/A	N/A	N/A	0.6	N/A
Ukrsotsbank	USCB UK	Kiev, UX	0.08 UAH	+0.0	-15.8	-38.6	-47.3	0.00	85.6	N/A	4.5	3.8	0.2	0.6	0.00	57,537	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.3	38.2

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; *** - P/E is above 10,000x. Sources: Bloomberg, ICU.

FX: News & Comments

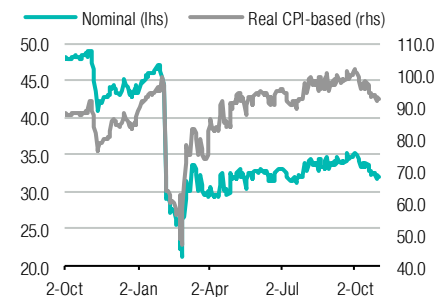
UAH inches down amid NBU sell intervention

The NBU held a second consecutive FX auction selling US dollars to market participants yesterday following last Friday's auction. The prior auction occurred over a month earlier when the NBU did the reverse and bought US dollars for FX reserves. It appears that the FX regime has reverted to a USD-peg more than a managed float, particularly as the NBU sold US\$30m at 23.01/USD yesterday, slightly weaker than Friday's US\$30.7m at 23.0027/USD. This was at a significantly higher daily volume than the NBU's FX purchasing over a month ago, indicating that pressure on the FX rate has gained momentum. By weakening the official rate in accordance with market sentiment, the NBU appears to be attempting to soften the impact.

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ICU's UAH trade-weighted indices

(Last 12-month history to 3 Nov 2015)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 2 Nov 2015)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	23.0500	+0.44	+1.54	+8.98	+45.70
NBU avg	23.0152	+0.09	+0.48	+8.83	+45.96
Ttl vlm ¹	271.96	-17.97	+25.42	+1.67	-36.88
\$ volume ²	200.13	-21.04	+34.66	-7.49	-43.51
NDF 3M	26.3500	+0.00	+13.84	+9.11	+56.38
NDF 6M	26.8500	+0.00	+9.61	+8.92	+54.31
NDF 1Y	27.6000	+0.00	+8.25	+8.66	+49.59
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	31.994	-0.67	-1.21	-8.84	-28.05
UAH real CPI	92.350	-0.67	-1.21	-8.84	+6.71
UAH real PPI	111.062	-0.67	-1.21	-8.84	-5.69
USD nom'l	96.928	-0.02	+0.07	+1.15	+7.38
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	63.6554	-0.47	+1.03	-4.11	+4.81
EUR/USD	1.1016	+0.09	-0.38	-1.78	-8.94
USD/CNY	6.3374	+0.32	-0.23	-0.31	+2.13
USD/PLN	3.8674	+0.15	+0.00	+2.08	+9.14
USD/TRY	2.8243	-3.11	-2.27	-5.60	+20.96
USD/BYR	17,460.00	+0.09	+0.90	-1.63	+58.73
USD/KZT	281.2600	+0.42	+0.70	+3.51	+54.24
OTHER MAJOR CURRENCIES					
USD/JPY	120.7600	+0.12	-0.28	+0.71	+0.82
GBP/USD	1.5417	-0.07	+0.42	+1.53	-1.03
USD/CHF	0.9870	-0.09	+0.35	+1.60	-0.73
AUD/USD	0.7147	+0.13	-1.41	+1.45	-12.57
USD/CAD	1.3094	+0.11	-0.45	-0.44	+12.68
USD/BRL	N/A	N/A	N/A	N/A	N/A
USD/KRW	1,136.95	-0.31	+0.27	-3.69	+4.21
COMMODITIES					
Gold(\$/oz)	1,133.84	-0.73	-2.51	-0.44	-4.31
WTI crude ³	46.14	-0.97	+4.91	+1.32	-13.38
Brent crd ³	47.79	+0.36	+5.19	+0.80	-14.29
Urals crd ³	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB ⁴	194.91	-0.35	+1.37	+0.42	-15.24

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.

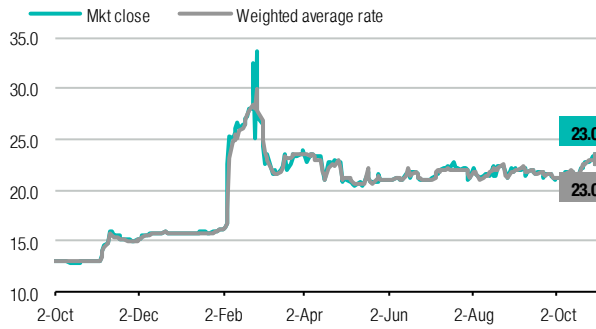
Sources: Bloomberg, Investment Capital Ukraine LLC.

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

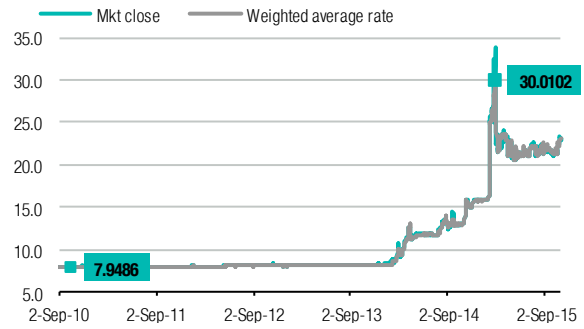
Section on FX market is continued on next page.

Chart page #1: Foreign-exchange market

Chart 9. Spot market rates USD/UAH: last 12-month and 5-year periods (UAH per USD, left and right respectively)

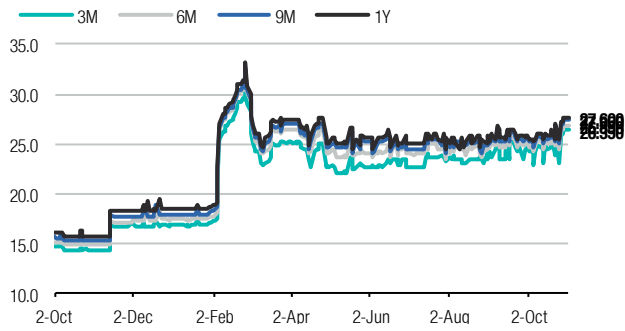


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

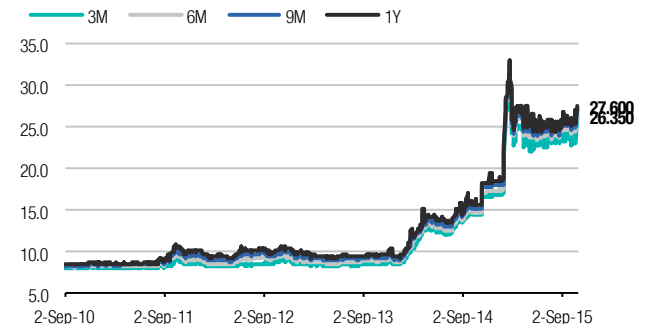


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 10. NDF market rates USD/UAH: last 12-month and 5-year periods (UAH per USD, left and right respectively)

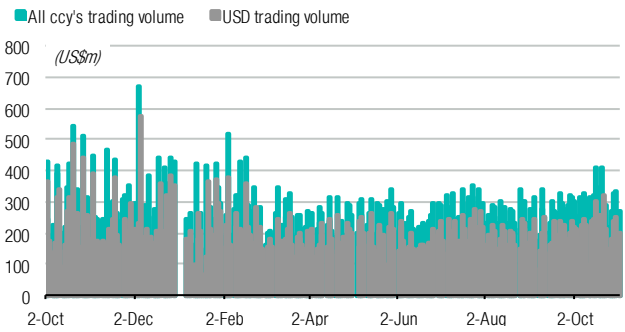


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

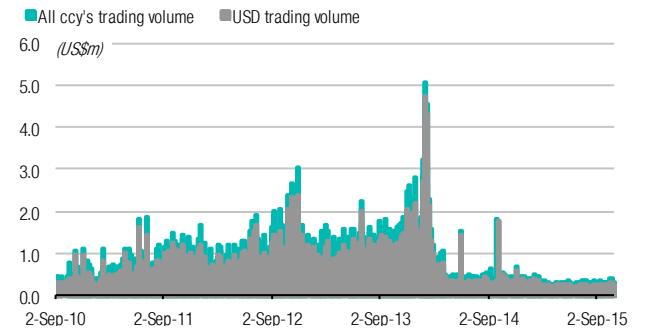


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 11. Trading volume: last 12-month and 5-year periods (US\$m, left and right respectively)

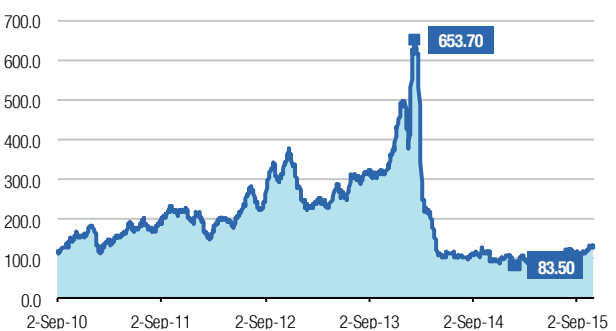
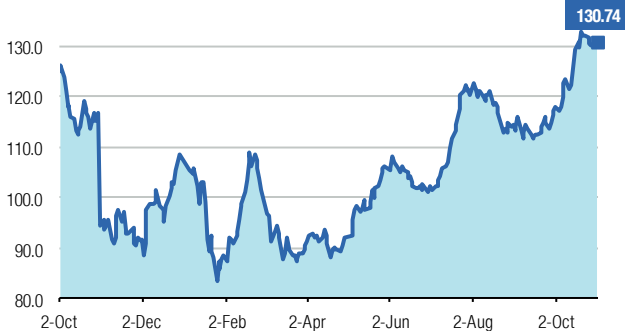


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 12. 30D MA* ratio of FX market turnover to merchandise trade: last 12m and 5yr periods (% , left and right respectively)

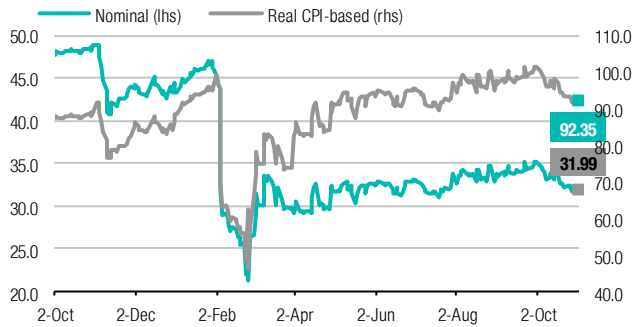


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

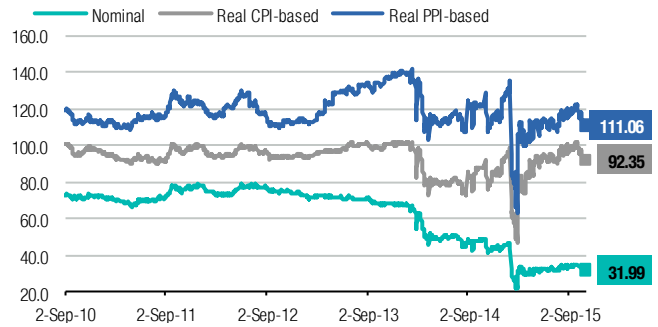
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <http://www.icu.ua/en/research/currency-indices>).

Chart 13. Nominal and CPI-based real TWIs of UAH, history of last 12-month period



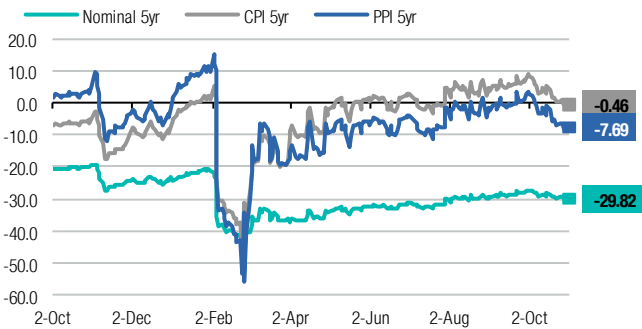
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

Chart 14. Nominal, CPI- and PPI-based TWIs of UAH, history of last 5-year period

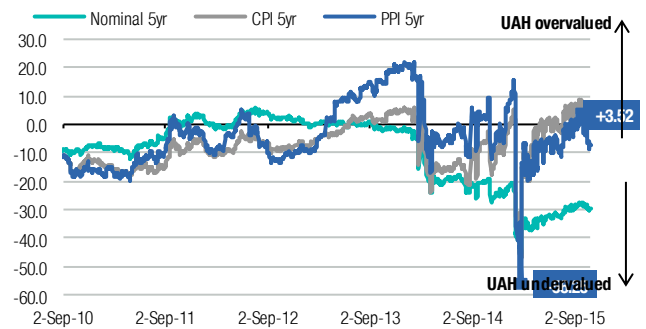


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

Chart 15. Deviation of UAH trade-weighted indices from their 5-year moving averages: last 12-month and 5-year periods (% , left and right respectively)

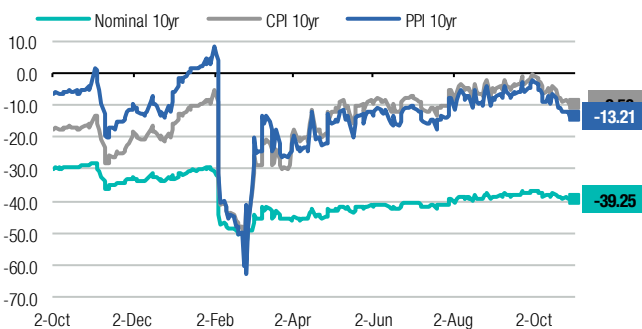


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

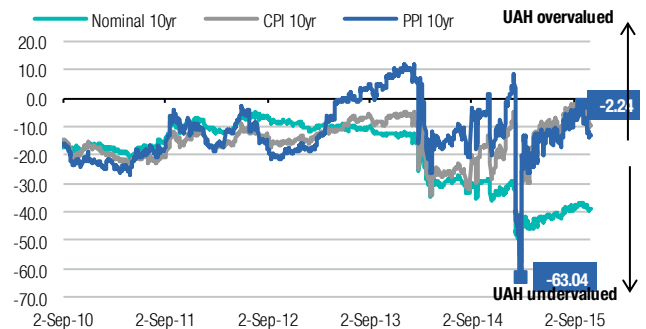


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

Chart 16. Deviation of UAH trade-weighted indices from their 10-year moving averages: last 12-month and 5-year periods (% , left and right respectively)



Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.



Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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Disclosures

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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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