



Focus  
**Ukraine**

Scope  
**Economics, bonds, equity & FX markets**

Research team  
**Taras Kotovych**

# Daily Insight

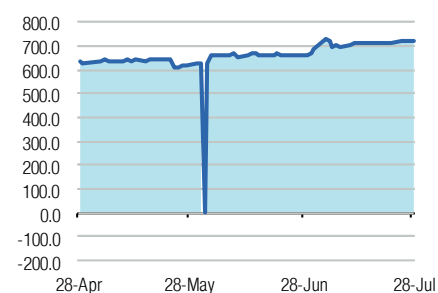
## Liquidity indicators volatility

### Contents

<b>Bonds: News &amp; Comments</b>	<b>2</b>
Liquidity indicators volatility .....	2
Chart page: Local bond market & Eurobond markets .....	3
<b>FX: News &amp; Comments</b>	<b>5</b>
Chart page #1: Foreign-exchange market .....	6
Chart page #2: ICU's UAH trade-weighted indices .....	7

FRIDAY, 29 JULY 2016

### UX Index (3 months to 29 Jul 2016)



Source: UX.

### Key market indicators (as of 28 Jul 2016)

	Last	Daily chg (%)	YTD chg (%)
<b>FX &amp; MONEY RATES</b>			
USD/UAH	24.8040	+0.00	+3.23
USD/UAH (1Y NDF)	28.8540	+0.00	+13.17
EUR/USD	1.1077	+0.17	+1.98
USD/RUB	66.9036	+1.68	-7.75
KievPRIME O/N (%)	15.00	+0bp	-406bp
KievPRIME 1M (%)	18.33	-17bp	-392bp
<b>SOVEREIGN EUROBONDS: yields and spreads</b>			
Ukraine 15, Eurobond (%)	N/A	+0bp	+0bp
Ukraine 17, Eurobond (%)	29.14	+26bp	+0bp
Ukraine 22, Eurobond (%)	12.32	-1bp	+0bp
Ukraine 23, Eurobond (%)	11.85	+0bp	+0bp
Ukraine 5Y CDS	746bp	+0bp	+0bp
<b>EQUITIES</b>			
<b>Stock market indices</b>			
UX (Ukraine)	724.98	+0.54	+5.70
MSCI World	413.12	+0.08	+3.45
MSCI EM	875.52	+0.17	+10.25
RTS (Russia)	923.39	+0.19	+21.97
WIG-20 (Poland)	1,788.51	-0.51	-3.80
S&P 500 (USA)	2,170.06	+0.16	+6.17

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

## Liquidity indicators volatility

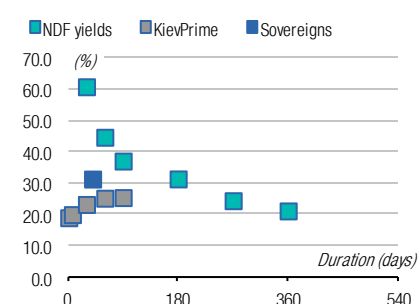
Prior to the NBU's decision on the key monetary rate, yesterday was the last chance to buy CDs at 16.5% for two weeks, as the interest rate was cut to 15.5%. Total CDs outstanding rose UAH1.34bn to UAH62.28bn yesterday and banks' correspondent accounts with the NBU fell UAH2.93bn to UAH36.55bn, causing banking sector liquidity to decline UAH1.59bn to UAH98.83bn.

**Investment implications: Banks increased investments in CDs prior the interest rate cut, as funds were reallocated from banks' accounts. There were other outflows, most likely to the budget for month-end tax payments. Next week, liquidity most likely will be reallocated to banks' accounts due to older CD redemptions which could be invested in new government bonds as interest rates at primary auctions declined more slowly than the NBU cut its key rate. As a result, banks could increase their limits on bonds and submit extra demand on Tuesday for 5-year bonds, which could be sold at about 16.5%.**

**Taras Kotovych, Kiev, +38044 2200120 ext.724**

## Yield curve of the local bond market

(as of market close on 28 Jul 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

## Bond market indicators (as of 28 Jul 2016)

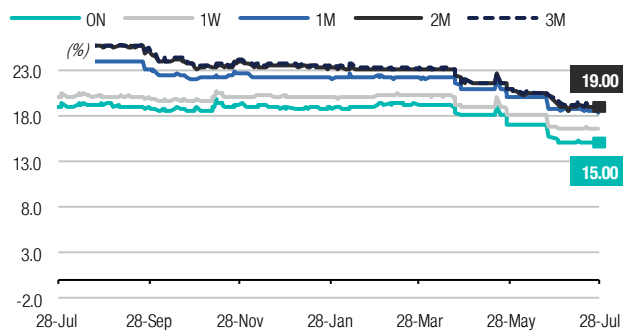
	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
<b>MONEY MARKET KIEV PRIME RATES (%)</b>					
O/n	15.00	+0bp	+0bp	-75bp	-406bp
1wk	16.50	+0bp	+0bp	-25bp	-350bp
1m	18.33	-17bp	-17bp	-42bp	-392bp
2m	18.83	-17bp	-9bp	-142bp	-467bp
3m	19.00	+0bp	-25bp	-125bp	-475bp
<b>LIQUIDITY WIDE MEASUREMENT (UAHm)</b>					
CB acc's <sup>1</sup>	36,549	+3.12	-6.20	+0.34	-2.01
CDs <sup>2</sup>	62,280	-17.15	-11.22	-14.19	-40.55
Sovgns <sup>3</sup>	6,892	+0.00	+15.78	-40.40	+46.12
<b>Total</b>	<b>105,722</b>	<b>-9.02</b>	<b>-7.75</b>	<b>-11.97</b>	<b>-26.00</b>
<b>HOLDERS OF UAH SOVEREIGN BONDS (UAHm)</b>					
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 <sup>4</sup>	N/A	N/A	N/A	N/A	N/A
Non-res <sup>5</sup>	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>NDF IMPLIED YIELDS (%)</b>					
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
<b>LOCAL CURRENCY UAH SOVEREIGN BOND YIELDS (%)</b>					
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 <sup>6</sup>	N/A	N/A	N/A	N/A	N/A
<b>EUROBONDS USD SOVEREIGN BOND YIELDS (%)</b>					
CDS 5yr	746	+0bp	+1bp	+2bp	+0bp
Jun '16	N/A	+114bp	+0bp	+0bp	+0bp
Jul '17	29.14	+26bp	+0bp	+0bp	+0bp
Sep '20	14.02	+4bp	+0bp	+0bp	+0bp
Sep '21	14.22	+0bp	+0bp	+0bp	+0bp
Sep '22	12.32	-1bp	+0bp	+0bp	+0bp
Feb '23	11.85	+0bp	+0bp	+0bp	+0bp

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.

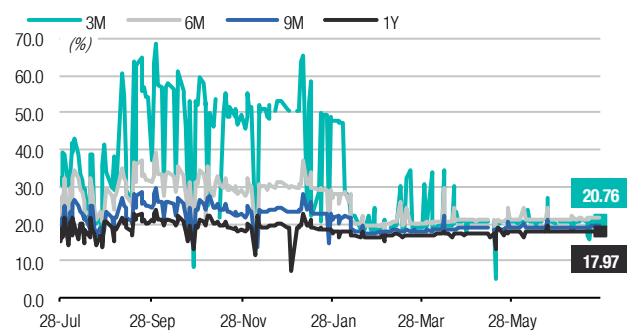
Chart page: Local bond market & Eurobond markets

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



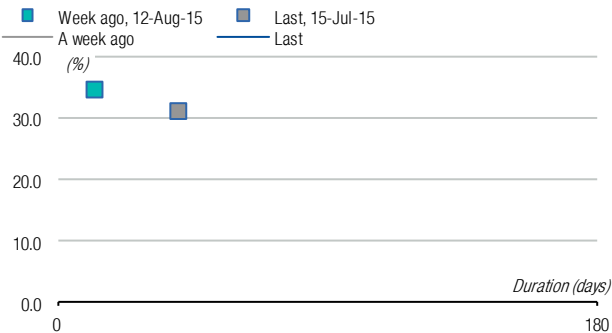
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



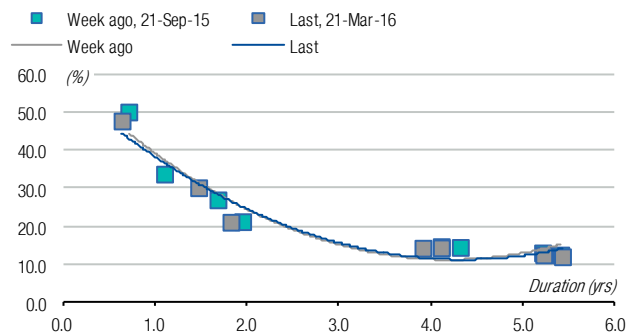
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 28 Jul 2016



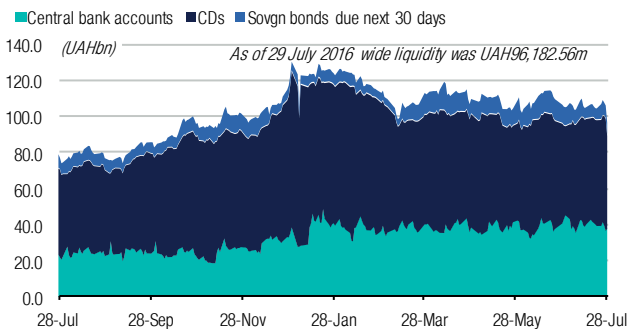
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 28 Jul 2016



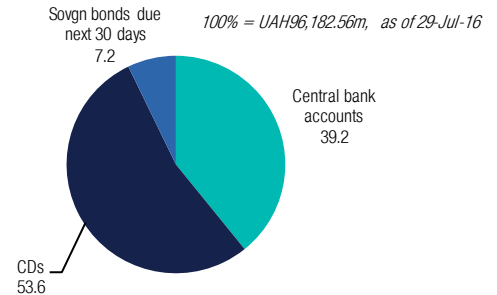
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



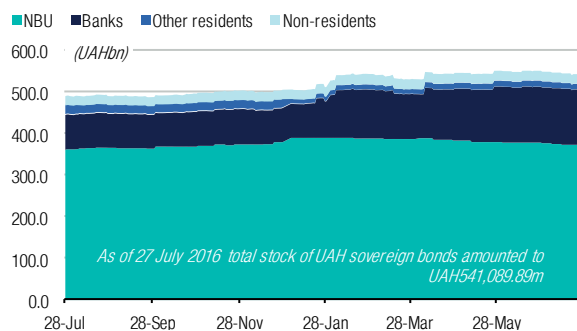
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 28 Jul 2016



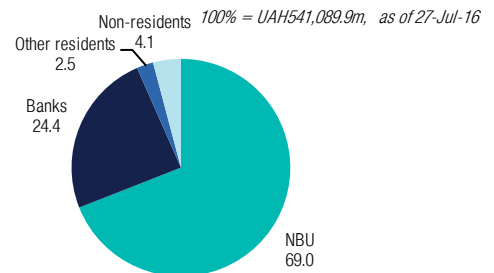
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 28 Jul 2016



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

Table 1. Ukrainian stocks (closing prices as of 28-Jul-2016)

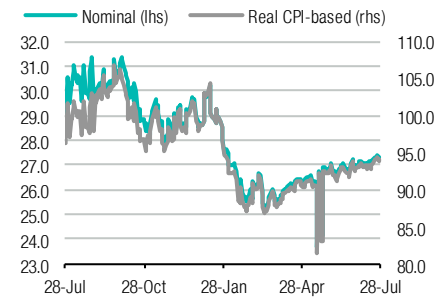
Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/Assets (%)
<b>ENERGY</b>																											
Cadogan Petrol...	CAD LN	London	7.63 GBp	-3.2	+7.0	-6.2	-29.1	0.10	23.2	-13.0	40.2	9.3	1.0	2.1	0.02	4,410	Neg.	8.6	9.3	1.5	Neg.	Neg.	Neg.	Neg.	Neg.	0.4	17.5
Centrenerg	CEEN UK	Kiev, UX	7.81 UAH	-0.1	+4.9	+71.3	+5.7	0.31	116.3	97.6	21.7	25.3	2.9	11.2	0.02	4,071	132.1	4.3	5.3	0.3	2.1	2.5	0.4	0.3	0.2	1.0	3.4
Coal Energy	CLE PW	Warsaw	0.54 PLN	-1.8	+8.0	+1.9	-14.3	0.14	6.2	78.2	25.0	1.5	0.3	0.4	0.02	6,236	Neg.	N/A	N/A	10.7	N/A	N/A	0.7	N/A	N/A	0.2	56.9
Donbasenergo	DOEN UK	Kiev, UX	13.43 UAH	-0.4	+5.8	-14.8	-32.9	0.54	12.8	24.4	14.2	1.8	5.1	2.1	0.12	810	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.7	4.2
JXK Oil & Gas	JXK LN	London	20.00 GBp	+2.6	+23.1	-26.6	+29.0	0.26	45.3	53.7	47.2	21.4	2.4	4.7	0.02	5,233	Neg.	Neg.	Neg.	Neg.	2.1	N/A	0.6	0.7	0.9	0.3	13.0
Regal Petroleum	RPT LN	London	3.87 GBp	-0.3	+10.4	+3.1	-19.0	0.05	16.3	-16.7	80.9	13.2	0.0	3.5	0.01	8,810	Neg.	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.2	0.0
Zakhidenergo	ZAEN UK	Kiev, PFTS	64.00 UAH	-3.0	+28.0	-23.8	-62.4	2.58	33.0	64.4	5.0	1.6	0.2	0.3	0.03	3,519	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.4	11.6
<b>METALLURGY</b>																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	+1.6	+42.2	-42.5	-48.8	0.00	6.6	2,491.9	3.9	0.3	2.3	0.1	0.06	1,675	Neg.	N/A	N/A	15.2	N/A	N/A	7.9	N/A	N/A	N/A	192.1
Ferrexpo PLC	FXPO LN	London	42.00 GBp	+7.7	+33.3	+95.3	-28.2	0.55	325.8	1,193.3	22.4	73.0	689.9	355.9	0.39	255	9.9	2.7	3.5	8.6	4.5	6.0	1.2	1.3	1.4	1.3	73.7
Yasynivsky Cok...	YASK UK	Kiev, UX	0.20 UAH	+0.0	+100.0	-13.0	-16.7	0.01	2.2	2.8	9.0	0.2	0.0	0.1	0.03	2,931	Neg.	N/A	N/A	Neg.	N/A	N/A	0.0	N/A	N/A	0.0	0.0
<b>FOOD AND AGRIBUSINESS</b>																											
AgroGeneration	ALAGR FP	EN Paris	0.34 EUR	-2.9	+3.0	-15.0	-34.6	0.38	37.4	75.6	34.0	12.7	106.6	35.3	0.37	273	Neg.	9.4	2.4	4.1	3.8	2.7	1.2	1.1	0.9	0.5	40.7
Agroliga	AGL PW	Warsaw	15.99 PLN	+0.7	+8.1	+40.5	+32.3	4.06	6.2	7.5	16.7	1.0	2.3	1.2	0.09	1,105	2.0	N/A	N/A	2.1	N/A	N/A	0.4	N/A	N/A	0.6	10.7
Agroton	AGT PW	Warsaw	2.04 PLN	+2.0	+82.1	+102.0	+71.4	0.52	11.2	25.2	26.2	2.9	248.8	21.8	1.51	66	Neg.	N/A	N/A	1.1	N/A	N/A	0.6	N/A	N/A	0.2	32.4
Astarta Holdin...	AST PW	Warsaw	49.00 PLN	+1.2	+6.1	+42.0	+43.3	12.45	311.2	460.9	31.0	96.5	5.7	48.5	0.02	4,533	17.6	4.1	3.3	3.5	3.6	3.3	1.3	1.2	1.1	1.2	41.5
Avangard	AVGR LI	London Intl	0.80 USD	+0.0	-9.1	-36.0	-27.3	0.80	51.1	379.2	21.7	11.1	0.0	6.9	0.01	9,160	Neg.	4.6	N/A	Neg.	7.7	N/A	1.6	1.4	N/A	0.3	53.9
IMC	IMC PW	Warsaw	7.46 PLN	+3.6	+1.6	+25.0	+32.0	1.90	59.3	145.5	23.9	14.2	12.9	15.5	0.16	616	4.0	2.9	2.6	2.2	2.9	3.2	1.0	1.0	0.8	1.0	56.8
Kernel Holding...	KER PW	Warsaw	62.00 PLN	+1.5	+17.3	+28.9	+43.1	15.75	1,255.2	1,694.2	58.8	737.7	1,406.8	1,926.6	0.27	370	11.7	5.6	5.2	4.3	4.8	4.5	0.7	0.7	0.7	1.3	32.0
KSG Agro	KSG PW	Warsaw	2.11 PLN	-0.5	+34.4	+126.9	+131.9	0.54	8.1	71.3	34.4	2.8	77.5	17.9	0.63	159	Neg.	N/A	N/A	7.1	N/A	N/A	2.2	N/A	N/A	N/A	67.4
MHP	MHPC LI	London Intl	9.00 USD	+0.0	-1.1	-3.2	-10.9	9.00	951.0	2,203.9	22.3	212.3	2,225.1	299.5	0.13	742	Neg.	5.6	3.9	4.8	5.3	5.0	1.9	1.7	1.5	1.6	61.6
Milkiland	MLK PW	Warsaw	2.19 PLN	-2.7	+36.9	+54.2	+58.7	0.56	17.4	132.3	20.0	3.5	48.9	15.5	0.65	155	Neg.	Neg.	Neg.	Neg.	14.7	8.6	0.6	0.6	0.6	0.5	57.6
Ovostar Union	OVO PW	Warsaw	91.00 PLN	-3.2	-6.1	+0.6	+9.9	23.12	138.7	147.2	25.0	34.7	466.1	14.6	0.12	844	4.5	5.9	6.2	4.3	4.4	4.5	1.9	1.8	1.5	1.8	16.9
<b>TRANSPORTATION</b>																											
KDM Shipping	KDM PW	Warsaw	2.00 PLN	+19.0	-9.1	-56.3	-20.0	0.51	4.7	-11.0	10.9	0.5	3.1	0.8	0.38	262	Neg.	N/A	N/A	3.7	N/A	N/A	Neg.	N/A	N/A	0.1	8.9
<b>CONSTRUCTION</b>																											
TMM	TR61 GF	Frankfurt	0.01 EUR	+0.0	+0.0	-85.7	-76.2	0.01	0.6	93.4	13.1	0.1	0.0	0.1	0.03	3,015	Neg.	N/A	N/A	Neg.	N/A	N/A	3.6	N/A	N/A	0.0	41.9
<b>FINANCIAL SERVICES</b>																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.11 UAH	+2.1	+23.3	+44.6	+26.9	0.00	269.9	N/A	3.8	10.3	7.2	5.4	0.04	2,364	Neg.	3.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.0	14.4
Ukrsofsbank	USCB UK	Kiev, UX	0.06 UAH	+0.2	N/A	N/A	N/A	0.00	287.9	N/A	4.5	12.9	2.6	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.3	24.3

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

## ICU's UAH trade-weighted indices

(Last 12-month history to 29 Jul 2016)



Source: Investment Capital Ukraine LLC.

## FX market indicators (as of 28 Jul 2016)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
<b>USD/UAH MARKET (HRYVNIA per US DOLLAR)</b>					
Spot mkt	24.8040	+0.00	+0.00	-0.34	+3.23
NBU avg	24.7982	-0.07	-0.07	-0.30	+4.23
Ttl vlm <sup>1</sup>	302.56	+22.73	+19.44	-13.61	-16.71
\$ volume <sup>2</sup>	180.12	+17.86	+25.16	-21.15	-28.25
NDF 3M	26.0495	+0.00	-0.01	+0.00	+0.00
NDF 6M	27.3540	+0.00	+0.00	-0.31	-0.63
NDF 1Y	28.8540	+0.00	+0.00	-0.29	+13.17
<b>TRADE-WEIGHTED INDICES (TWIs, points)</b>					
UAH nom'l	27.345	+0.20	+0.55	+1.11	-4.38
UAH real CPI	94.120	+0.20	+0.55	+1.11	-3.94
UAH real PPI	126.950	+0.20	+0.55	+1.11	-2.64
USD nom'l	96.739	-0.32	-0.27	+0.51	-1.92
<b>FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs</b>					
USD/RUB	66.9036	+1.68	+4.02	+3.95	-7.75
EUR/USD	1.1077	+0.17	+0.46	+0.11	+1.98
USD/CNY	6.6576	-0.19	-0.27	+0.14	+2.52
USD/PLN	3.9385	-0.35	-0.45	-1.44	+0.40
USD/TRY	3.0124	-0.21	-1.86	+3.71	+3.26
USD/BYR	19,908.00	-0.08	+0.80	-0.81	+6.88
USD/KZT	353.5900	+0.34	+3.39	+4.30	+3.81
<b>OTHER MAJOR CURRENCIES</b>					
USD/JPY	105.2700	-0.12	-0.52	+2.45	-12.44
GBP/USD	1.3164	-0.45	-0.52	-1.35	-10.67
USD/CHF	0.9809	-0.51	-0.49	-0.10	-2.12
AUD/USD	0.7503	+0.16	+0.11	+1.58	+2.98
USD/CAD	1.3156	-0.25	+0.52	+1.01	-4.94
USD/BRL	3.2918	+0.92	+0.61	-0.35	-16.89
USD/KRW	1,124.52	-0.86	-1.01	-3.98	-4.30
<b>COMMODITIES</b>					
Gold(\$/oz)	1,335.77	-0.31	+0.34	+1.83	+25.85
WTI crude <sup>3</sup>	41.14	-1.86	-6.39	-14.02	+11.07
Brent crd <sup>3</sup>	41.20	-2.49	-7.93	-12.99	+15.24
Urals crd <sup>3</sup>	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB <sup>4</sup>	179.21	-0.22	-2.42	-6.44	+1.74

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>).

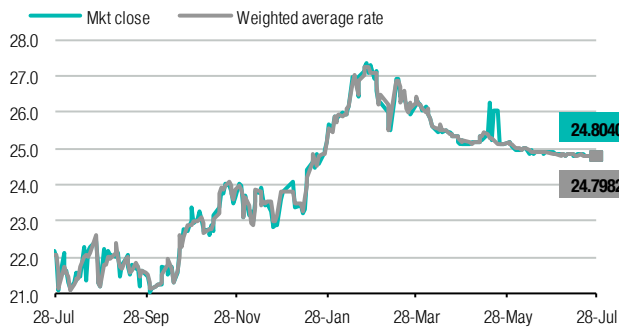
Section on FX market is continued on next page.

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.

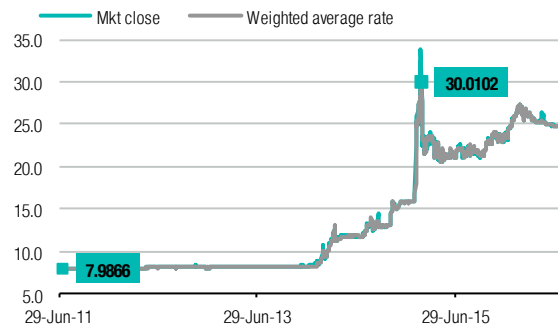
Sources: Bloomberg, Investment Capital Ukraine LLC.

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)

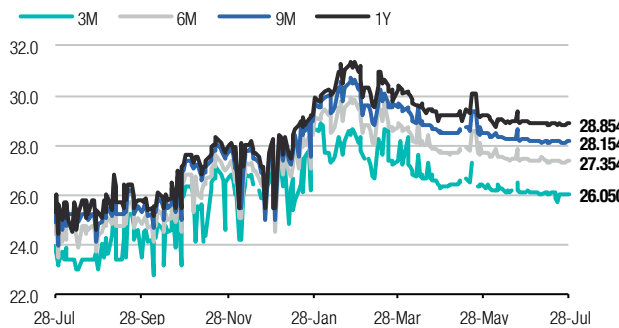


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

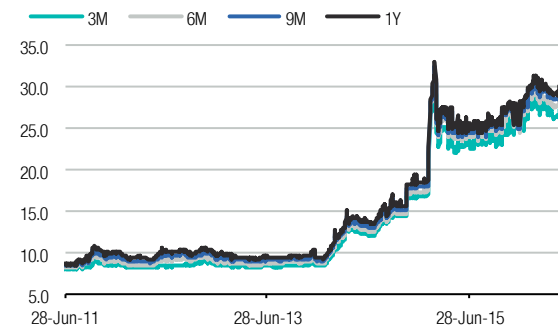


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

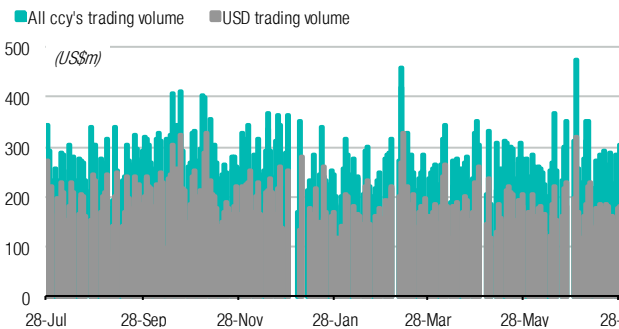


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

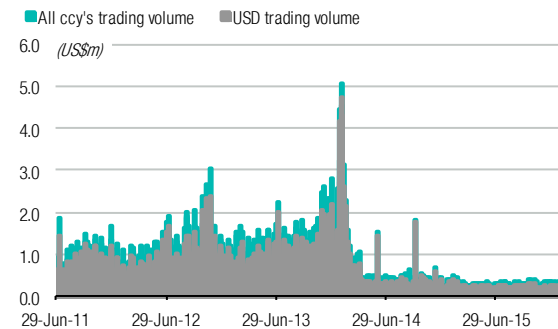


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

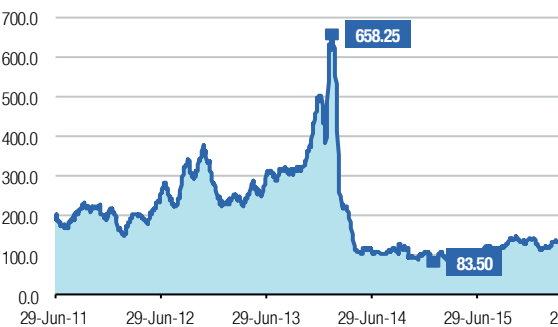
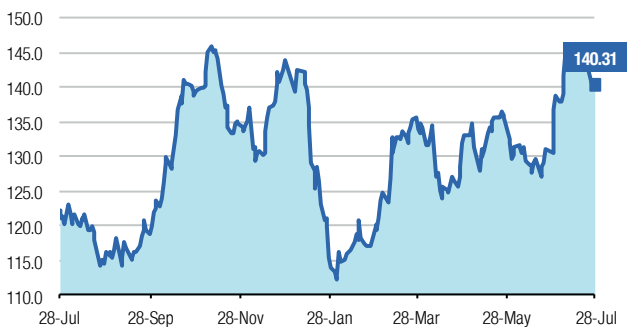


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)

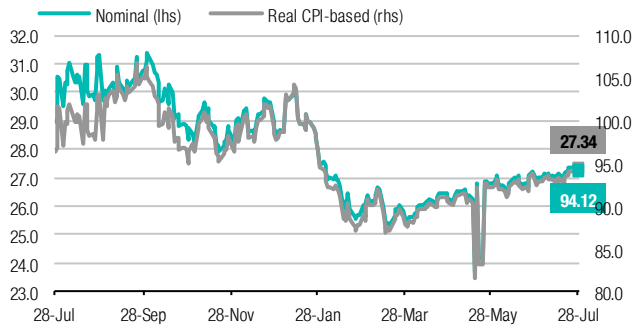


Note: \* 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

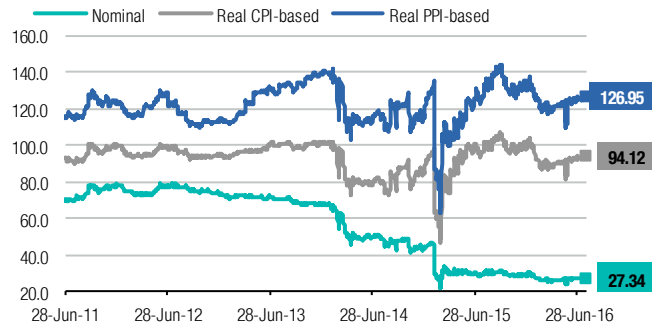
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <http://www.icu.ua/en/research/currency-indices>).

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



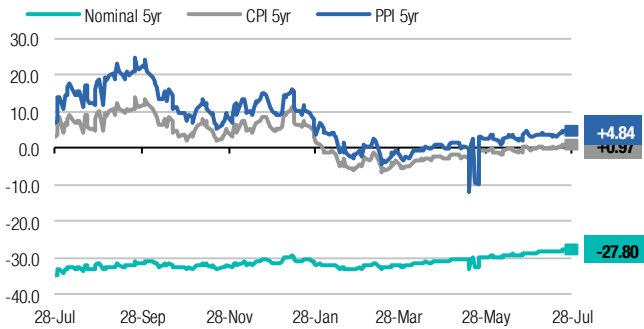
Note: The boxes indicate the last values of the depicted indicators.  
Source: Investment Capital Ukraine LLC.

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

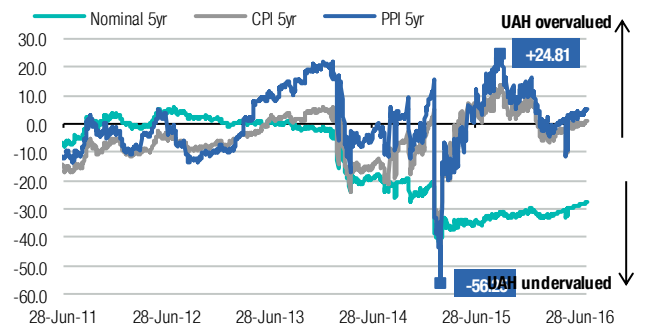


Note: The boxes indicate the last values of the depicted indicators.  
Source: Investment Capital Ukraine LLC.

**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)**

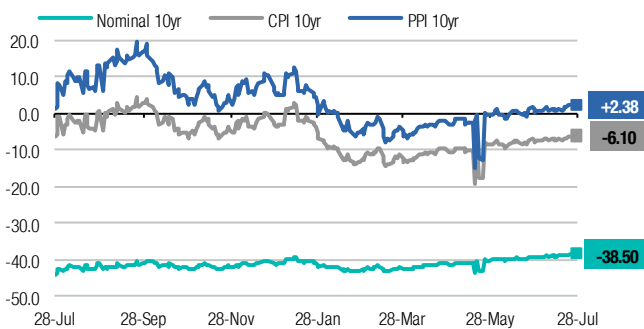


Note: The boxes indicate the last values of the depicted indicators.  
Source: Investment Capital Ukraine LLC.

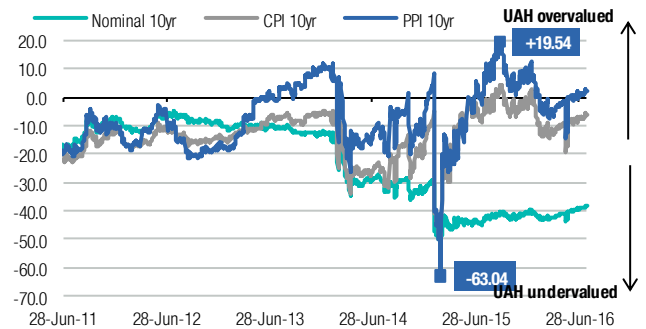


Note: the boxes indicate the high and low values of CPI-based TWI.  
Source: Investment Capital Ukraine LLC.

**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.

This page is intentionally left blank



## Disclosures

### ANALYST CERTIFICATION

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.

### EQUITY RATING DEFINITIONS

**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



11th floor, LEONARDO Business Centre  
19-21 Bogdan Khmelnytsky Street  
Kiev, 01030 Ukraine  
Phone/Fax +38 044 2200120

**WEB** [www.icu.ua](http://www.icu.ua)



@ICU\_UA

## CORPORATE FINANCE

**Makar Paseniuk, CFA**, Managing Director  
makar.paseniuk@icu.ua

**Ivan Shvydanenko**, Director  
ivan.shvydanenko@icu.ua

**Roman Nikitov, ACCA** Director  
roman.nikitov@icu.ua

**Yuriy Kamarytskyi**, Vice President  
yuriy.kamarytskyi@icu.ua

**Ruslan Kilmukhametov**, Director  
ruslan.kilmukhametov@icu.ua

**Ruslan Patlavsky**, Director  
ruslan.patlavsky@icu.ua

## STRATEGY AND CORPORATE DEVELOPMENT

**Vlad Sinani**, Director  
vlad.sinani@icu.ua

## SALES AND TRADING

**Konstantin Stetsenko**   
Managing Director  
konstantin.stetsenko@icu.ua

**Liliya Kubytovych**   
Asset Management Product Sales  
liliya.kubytovych@icu.ua

**Sergiy Byelyayev**  
Fixed-Income Trading  
sergiy.byelyayev@icu.ua

**Yevgeniya Gryshchenko**  
Fixed-Income Sales  
yevgeniya.gryshchenko@icu.ua

**Vitaliy Sivach**   
Fixed-Income & FX Trading  
vitaliy.sivach@icu.ua

## RESEARCH DEPARTMENT

**Alexander Valchyshen**   
Head of Research  
alexander.valchyshen@icu.ua

**Taras Kotovych**   
Senior financial analyst (Sovereign debt)  
taras.kotovych@icu.ua

**Alexander Martynenko**   
Head of corporate research  
alexander.martynenko@icu.ua

**Mykhaylo Demkiv**   
Financial analyst (Banks)  
mykhaylo.demkiv@icu.ua

**Bogdan Vorotilin**   
Financial analyst (Food & Agribusiness)  
bogdan.vorotilin@icu.ua

**Lee Daniels, Rolfe Haas**  
Editors

Investment Capital Ukraine LLC is regulated by Securities and Stock Market State Commission of Ukraine (license numbers: dealer activity AE 263019, broker activity AE 263018, underwriting activity AE 263020 dated 11 April 2013).

## DISCLAIMER

This research publication has been prepared by Investment Capital Ukraine LLC solely for information purposes for its clients. It does not constitute an investment advice or an offer or solicitation for the purchase or sale of any financial instrument. While reasonable care has been taken to ensure that the information contained herein is not untrue or misleading at the time of publication, Investment Capital Ukraine makes no representation that it is accurate or complete. The information contained herein is subject to change without notice. Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of Investment Capital Ukraine LLC. All rights are reserved. Any investments referred to herein may involve significant risk, are not necessarily available in all jurisdictions, may be illiquid and may not be suitable for all investors. The value of, or income from, any investments referred to herein may fluctuate and/or be affected by changes in exchange rates. Past performance is not indicative of future results. Investors should make their own investigations and investment decisions without relying on this report. Only investors with sufficient knowledge and experience in financial matters to evaluate the merits and risks should consider an investment in any issuer or market discussed herein and other persons should not take any action on the basis of this report.



**Additional information is available upon request.**