



Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
Taras Kotovych

Daily Insight

Liquidity declined due to loan repayments

Contents

Bonds: News & Comments	2
Liquidity declined due to loan repayments.....	2
Chart page: Local bond market & Eurobond markets.....	3
FX: News & Comments	5
Chart page #1: Foreign-exchange market.....	6
Chart page #2: ICU's UAH trade-weighted indices.....	7

MONDAY, 31 OCTOBER 2016

UX Index (3 months to 31 Oct 2016)



Source: UX.

Key market indicators (as of 28 Oct 2016)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	25.4800	-0.20	+6.04
USD/UAH (1Y NDF)	29.5300	-0.12	+15.82
EUR/USD	1.0985	+0.81	+1.13
USD/RUB	62.9030	+0.28	-13.26
KievPRIME O/N (%)	13.50	-58bp	-556bp
KievPRIME 1M (%)	16.92	-41bp	-533bp
SOVEREIGN EUROBONDS: yields and spreads			
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	633bp	-31bp	+0bp
EQUITIES			
Stock market indices			
UX (Ukraine)	839.08	+1.29	+22.34
MSCI World	410.94	-0.22	+2.90
MSCI EM	903.50	-0.20	+13.77
RTS (Russia)	992.23	-0.04	+31.07
WIG-20 (Poland)	1,817.79	+1.25	-2.22
S&P 500 (USA)	2,126.41	-0.31	+4.03

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 declined due to loan repayments

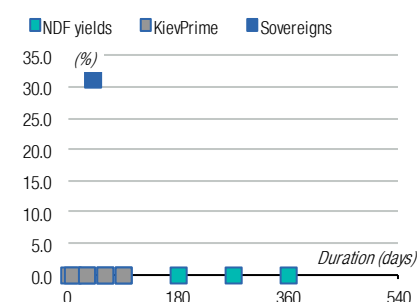
Banking sector liquidity declined UAH1.88bn to UAH82.41bn last Friday, most of which was a UAH1.6bn of a Privatbank refinancing loan repayment to the NBU in addition to tax payments and other outflows. Banks' correspondent accounts with the NBU declined UAH1.36bn to UAH41.31bn and total CDs outstanding declined UAH0.52bn to UAH41.10bn.

Investment implications: Last Friday was the last day of month-end tax payments with a large volume of funds to the budget. Also, the NBU purchased a new portion of FX at the auction, injecting UAH0.76bn of liquidity, which should decline further today, albeit not very significantly. It should remain above UAH80bn.

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Yield curve of the local bond market

(as of market close on 28 Oct 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 28 Oct 2016)

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

MONEY MARKET KIEV PRIME RATES (%)

O/n	13.50	-58bp	-75bp	-133bp	-556bp
1wk	15.08	-50bp	-67bp	-75bp	-492bp
1m	16.92	-41bp	-33bp	-41bp	-533bp
2m	18.33	+0bp	+33bp	+33bp	-517bp
3m	18.33	+0bp	+33bp	+0bp	-542bp

LIQUIDITY WIDE MEASUREMENT (UAHm)

CB acc's ¹	41,308	-3.20	-3.18	+3.49	+7.40
CDs ²	41,097	-1.25	+11.68	+19.43	-52.65
Sovgns ³	10,532	-0.59	+10.90	+47.50	+123.3
Total	92,937	-2.05	+4.47	+14.08	-28.50

HOLDERS OF UAH SOVEREIGN BONDS (UAHm)

C.bank	365,341	+0.00	+0.00	-0.46	-3.81
Banks	156,482	+2.43	+2.31	+3.93	+91.84
Resid's ⁴	13,844	+0.60	+1.59	+3.39	-34.07
Non-res ⁵	10,769	-0.16	-41.86	-42.27	-51.72
Total	546,436	+0.70	-0.73	-0.58	+8.27

NDF IMPLIED YIELDS (%)

3m	20.58	+41bp	+22bp	+43bp	+0bp
6m	19.05	-184bp	-179bp	-163bp	-11ppt
9m	19.00	+11bp	+17bp	+31bp	-424bp
1yr	17.73	+9bp	+16bp	+29bp	+10bp

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 (%)

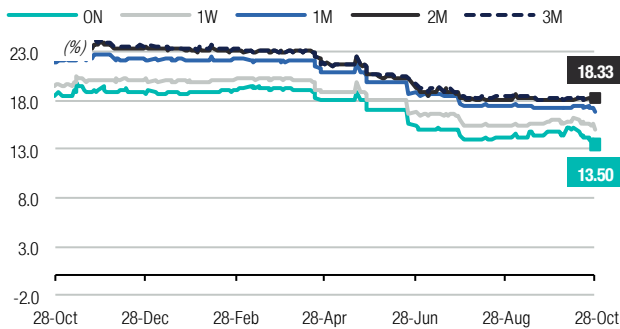
CDS 5yr	633	-31bp	-31bp	-29bp	+0bp
Jun '16	N/A	+114bp	+0bp	+0bp	+0bp
Jul '17	29.14	+26bp	+0bp	+0bp	+0bp
Sep '20	14.02	+4bp	+0bp	+0bp	+0bp
Sep '21	14.22	+0bp	+0bp	+0bp	+0bp
Sep '22	12.32	-1bp	+0bp	+0bp	+0bp
Feb '23	11.85	+0bp	+0bp	+0bp	+0bp

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.

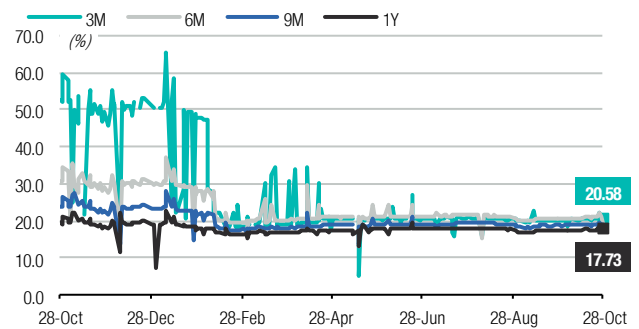
Chart page: Local bond market & Eurobond markets

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



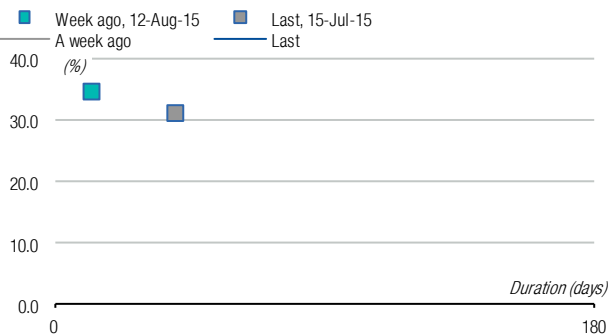
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



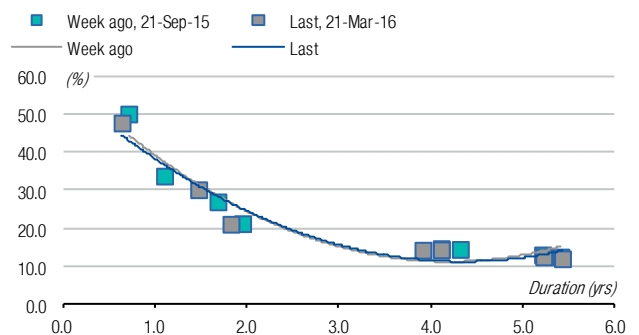
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



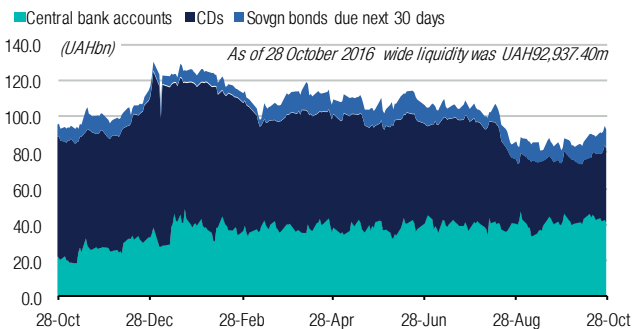
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



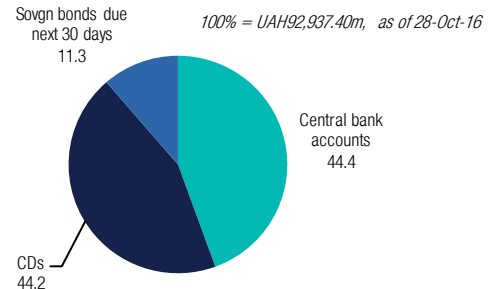
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



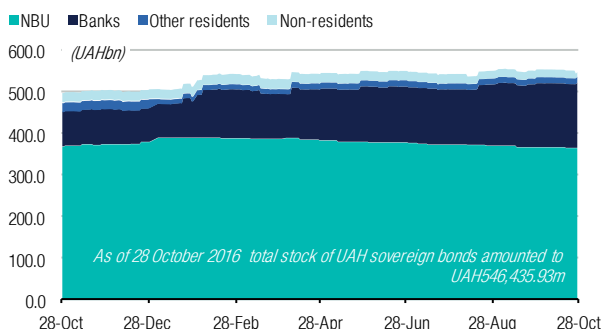
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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



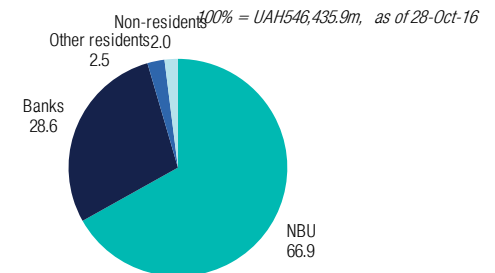
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 Oct 2016



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

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

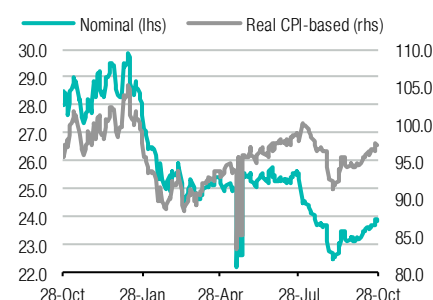
Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/Assets (%)
ENERGY																											
Cadogan Petrol...	CAD LN	London	10.00 GBP	+0.0	+42.9	+23.1	-2.4	0.12	28.1	-12.2	40.2	11.3	1.7	7.6	0.14	725	Neg.	N/A	N/A	1.4	N/A	N/A	Neg.	N/A	N/A	0.5	17.5
Centrenergo	CEEN UK	Kiev, UX	11.00 UAH	+2.9	+8.9	+141.1	+102.2	0.43	160.2	141.4	21.7	34.8	20.7	14.0	0.03	3,213	185.8	6.2	6.7	0.4	3.1	3.4	0.5	0.4	0.4	1.2	3.4
Coal Energy	CLE PW	Warsaw	1.40 PLN	+0.7	+0.0	+164.2	+100.0	0.35	15.9	88.0	25.0	4.0	7.7	13.3	0.59	171	Neg.	N/A	N/A	12.1	N/A	N/A	0.8	N/A	N/A	0.6	56.9
Donbasenergo	DOEN UK	Kiev, UX	12.16 UAH	+0.3	-7.2	-22.8	-32.3	0.48	11.3	12.3	14.2	1.6	0.5	1.2	0.09	1,147	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.6	4.2
JXK Oil & Gas	JXK LN	London	17.25 GBP	+0.0	-2.8	-36.7	-37.3	0.21	36.1	41.5	47.2	17.0	2.6	4.0	0.04	2,591	Neg.	Neg.	Neg.	Neg.	2.8	N/A	0.5	0.6	0.6	0.2	13.0
Regal Petroleum	RPT LN	London	3.74 GBP	+0.0	+5.7	-0.4	-8.9	0.05	14.6	-18.5	80.9	11.8	0.0	0.9	0.01	12,708	Neg.	Neg.	7.3	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	0.2	0.0
Sadova Group	SGR PW	Warsaw	0.48 PLN	+4.3	+77.8	+60.0	+60.0	0.12	5.2	46.4	25.0	1.3	1.6	5.6	1.15	87	Neg.	N/A	N/A	Neg.	N/A	N/A	44.8	N/A	N/A	N/A	239.6
Zakhidenergo	ZAEN UK	Kiev, PFTS	60.00 UAH	+0.0	N/A	N/A	N/A	2.37	30.3	159.2	5.0	1.5	0.0	N/A	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.3	N/A	N/A	N/A	9.3
METALLURGY																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	-2.4	-7.9	-28.1	-32.6	0.00	8.1	2,440.7	3.9	0.3	0.0	0.2	0.02	6,661	Neg.	Neg.	Neg.	14.9	25.0	22.7	7.9	7.1	7.4	N/A	192.1
Ferrexpo PLC	FXPO LN	London	104.00 GBP	-18.6	+40.1	+383.7	+205.9	1.27	745.5	1,497.5	22.4	167.0	31,227.2	2,913.3	2.82	35	22.6	4.9	6.5	10.8	5.1	6.4	1.6	1.6	1.6	2.5	73.7
Yasynivsky Cok...	YASK UK	Kiev, UX	0.20 UAH	+0.0	-23.1	-13.0	-20.0	0.01	2.2	2.5	9.0	0.2	0.0	0.3	0.00	61,524	Neg.	N/A	N/A	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	0.28 EUR	+0.0	-9.7	-30.0	-36.4	0.31	30.7	79.8	34.0	10.5	26.2	46.1	0.70	144	Neg.	23.4	2.0	4.3	4.5	2.9	1.2	1.1	1.0	0.4	40.7
Agroliga	AGL PW	Warsaw	14.49 PLN	+3.2	-2.8	+27.3	-3.5	3.66	5.6	6.8	16.7	0.9	0.5	1.5	0.07	1,356	1.9	N/A	N/A	1.9	N/A	N/A	0.4	N/A	N/A	0.5	10.7
Agrotron	AGT PW	Warsaw	2.67 PLN	-1.1	-15.5	+164.4	+108.6	0.68	14.6	23.2	26.2	3.8	17.8	115.3	0.91	110	Neg.	1.8	1.6	1.0	1.5	1.2	0.6	0.7	0.6	0.3	32.4
Astarta Holdin...	AST PW	Warsaw	53.30 PLN	-1.1	+1.5	+54.5	+49.0	13.48	337.0	494.5	31.0	104.5	100.6	182.9	0.05	2,140	19.3	4.1	3.7	3.8	3.2	3.4	1.4	1.2	1.2	1.0	41.5
Avangard	AVGR LI	London Intl	0.49 USD	-3.9	-34.7	-60.8	-57.8	0.49	31.3	370.3	21.7	6.8	13.0	5.5	0.03	3,669	Neg.	Neg.	0.8	Neg.	Neg.	10.6	1.6	2.8	2.2	0.2	53.9
IMC	IMC PW	Warsaw	7.14 PLN	-0.1	+9.8	+19.6	+7.5	1.81	56.5	136.6	23.9	13.5	277.7	22.9	0.26	380	3.8	2.8	2.2	2.1	2.4	2.9	1.0	1.0	0.9	0.9	56.8
Kernel Holding...	KER PW	Warsaw	61.90 PLN	-0.6	+4.7	+28.7	+18.6	15.65	1,247.4	1,686.3	58.8	733.1	380.0	1,334.3	0.13	746	11.7	5.9	2.2	4.3	4.9	4.6	0.7	0.8	0.7	1.3	32.0
KSG Agro	KSG PW	Warsaw	1.99 PLN	+1.5	+2.1	+114.0	+77.7	0.50	7.6	70.8	34.4	2.6	2.6	26.8	0.35	289	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	9.70 USD	+0.0	+3.2	+4.3	+6.6	9.70	1,025.0	2,294.5	22.3	228.8	0.0	355.0	0.11	929	Neg.	7.4	4.9	5.0	5.7	5.3	1.9	1.9	1.7	1.3	61.6
Milkiland	MLK PW	Warsaw	1.80 PLN	+0.0	-2.2	+26.8	-5.3	0.46	14.2	132.2	20.0	2.8	7.1	25.6	0.49	203	Neg.	Neg.	Neg.	Neg.	16.9	8.7	0.6	0.8	0.6	0.4	57.6
TRANSPORTATION																											
KDM Shipping	KDM PW	Warsaw	1.65 PLN	+0.0	-0.6	-64.0	-65.2	0.42	3.9	-11.8	10.9	0.4	0.1	0.6	0.02	4,138	Neg.	N/A	N/A	4.0	N/A	N/A	Neg.	N/A	N/A	0.1	8.9
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	0.01 EUR	+0.0	+0.0	-85.7	-16.7	0.01	0.6	55.6	13.1	0.1	0.0	0.0	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	6.2	N/A	N/A	0.0	44.0
FINANCIAL SERVICES																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.13 UAH	+2.2	+6.4	+66.6	+58.1	0.00	304.5	N/A	3.8	11.6	0.5	4.9	0.04	2,653	Neg.	5.1	5.9	N/A	N/A	N/A	N/A	N/A	N/A	1.1	14.4
Ukrsotsbank	USCB UK	Kiev, UX	0.09 UAH	+0.0	+1.7	-7.4	+2.8	0.00	416.5	N/A	4.5	18.7	0.0	0.3	0.00	76,607	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5	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 31 Oct 2016)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 28 Oct 2016)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	25.4800	-0.20	-0.70	-1.56	+6.04
NBU avg	25.4960	-0.14	-0.65	-1.55	+7.17
Ttl vlm ¹	335.14	-2.14	-4.29	+3.12	-7.74
\$ volume ²	232.79	-4.32	+3.98	+9.62	-7.27
NDF 3M	26.7425	-0.10	-0.65	-1.47	+0.00
NDF 6M	27.7770	-1.03	-1.51	-2.31	+0.90
NDF 1Y	29.5300	-0.12	-0.58	-1.35	+15.82
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	23.829	-0.12	+0.60	+2.91	-16.03
UAH real CPI	96.992	-0.12	+0.60	+2.91	-1.31
UAH real PPI	128.073	-0.12	+0.60	+2.91	-2.82
USD nom'l	98.348	-0.55	-0.35	+3.06	-0.29
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	62.9030	+0.28	+0.85	-0.28	-13.26
EUR/USD	1.0985	+0.81	+0.93	-2.07	+1.13
USD/CNY	6.7789	-0.07	+0.18	+1.56	+4.39
USD/PLN	3.9494	-0.82	-0.56	+3.13	+0.68
USD/TRY	3.1068	-0.22	+0.84	+4.26	+6.50
USD/BYR	19,070.00	+0.03	+0.21	-1.19	+2.38
USD/KZT	334.0000	+0.24	+0.89	-0.90	-1.94
OTHER MAJOR CURRENCIES					
USD/JPY	104.7400	-0.52	+0.91	+4.02	-12.88
GBP/USD	1.2185	+0.17	-0.40	-6.41	-17.31
USD/CHF	0.9881	-0.55	-0.56	+1.76	-1.40
AUD/USD	0.7599	+0.13	-0.12	-1.21	+4.30
USD/CAD	1.3398	+0.09	+0.50	+2.43	-3.19
USD/BRL	3.2006	+1.08	+1.40	-0.50	-19.19
USD/KRW	1,144.73	+0.20	+0.87	+4.36	-2.58
COMMODITIES					
Gold(\$/oz)	1,275.50	+0.56	+0.73	-3.48	+20.17
WTI crude ³	48.70	-2.05	-3.66	+3.51	+31.48
Brent crd ³	47.97	-1.24	-4.06	+0.82	+34.18
Urals crd ³	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB ⁴	189.21	-0.44	-0.10	+1.78	+7.42

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>).

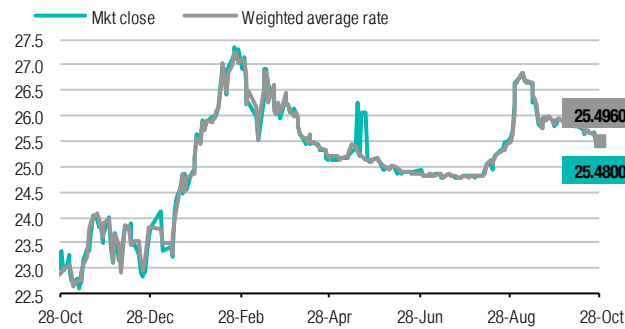
Section on FX market is continued on next page.

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.

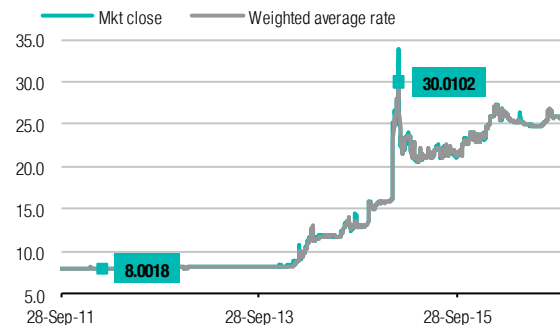
Sources: Bloomberg, Investment Capital Ukraine LLC.

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)

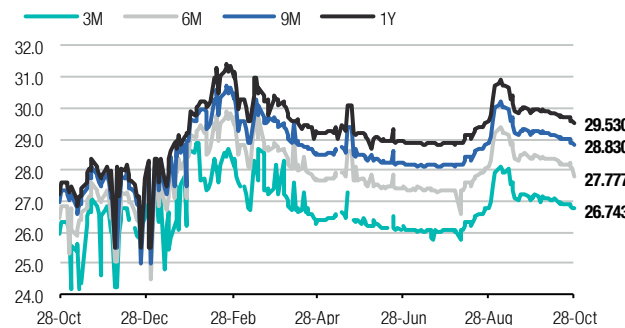


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

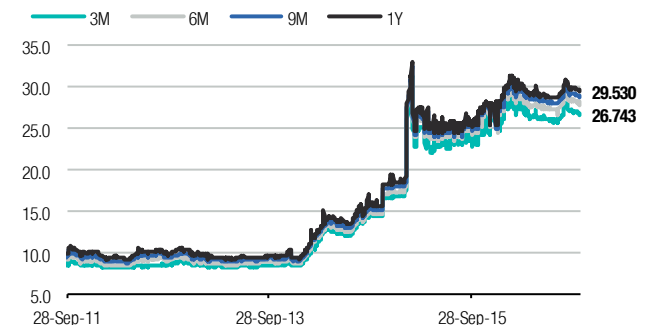


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

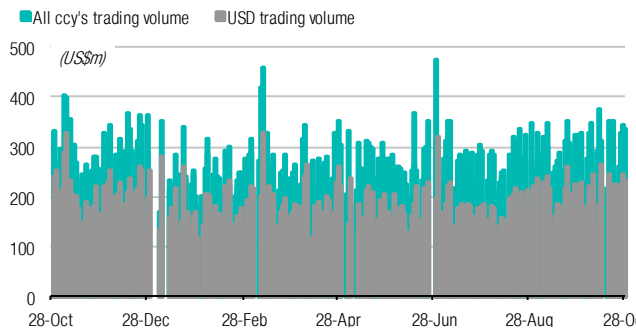


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

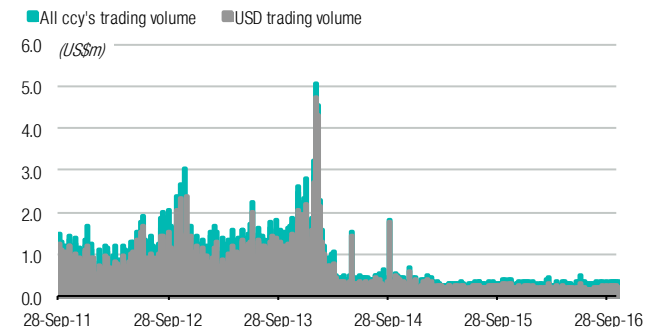


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

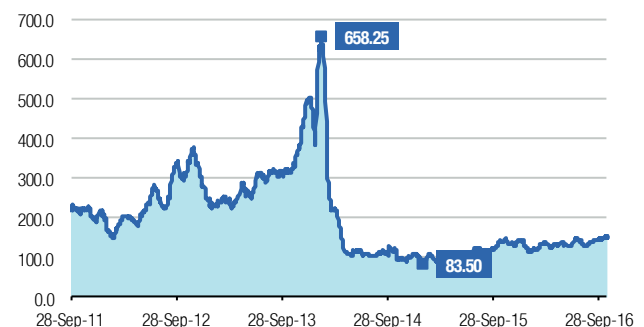
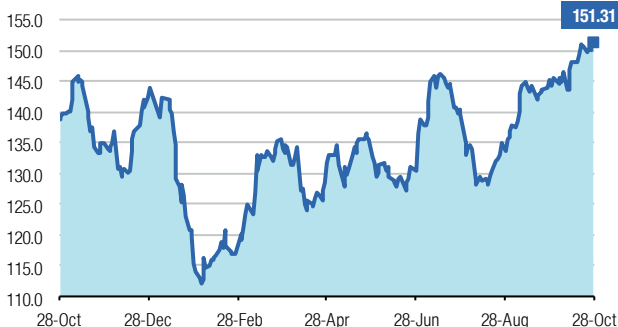


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)

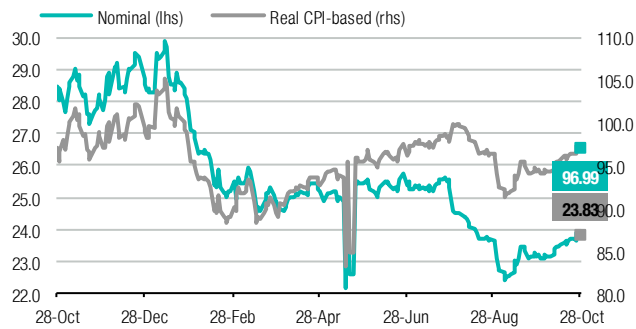


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

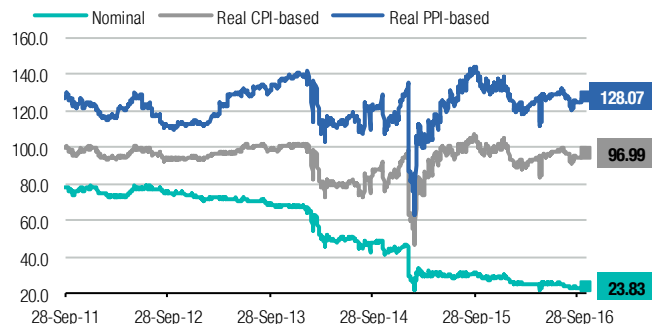
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <http://www.icu.ua/en/research/currency-indices>).

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



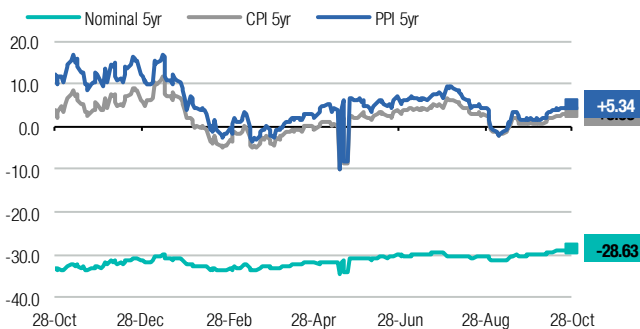
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

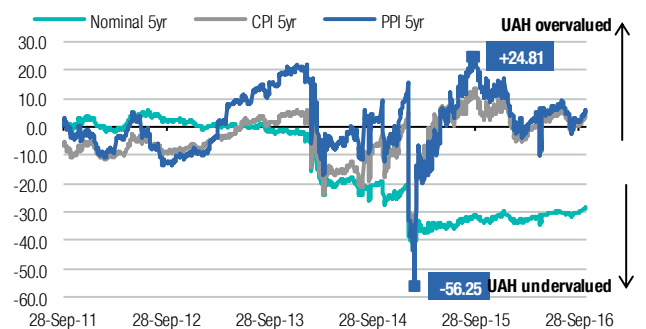


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

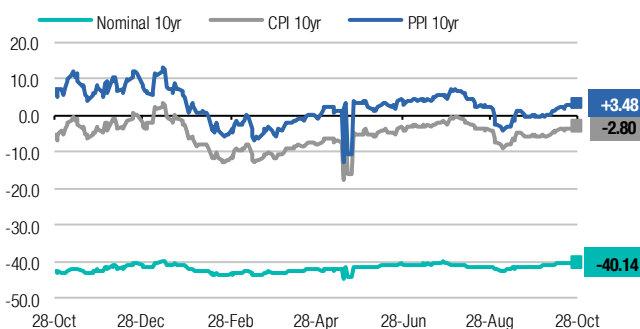


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

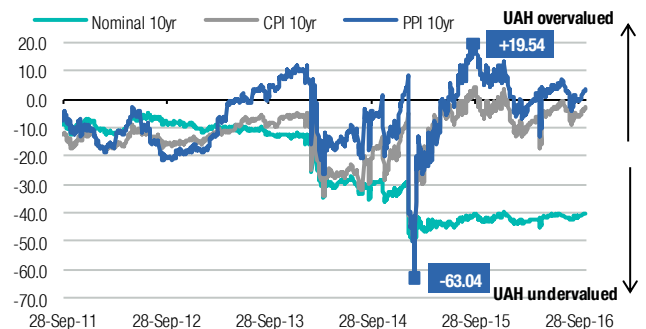


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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.

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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.

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



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