Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
Taras Kotovych

Daily Insight

Liquidity spent on taxes

MONDAY, 21 NOVEMBER 2016

Contents

Bonds: News & Comments 2

Liquidity spent on taxes 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

UX Index (3 months to 21 Nov 2016)

Source: UX.

Key market indicators (as of 18 Nov 2016)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	25.8650	-0.35	+7.65
USD/UAH (1Y NDF)	29.9150	-0.43	+17.33
EUR/USD	1.0588	-0.36	-2.52
USD/RUB	64.9791	+0.16	-10.40
KievPRIME O/N (%)	13.67	+9bp	-539bp
KievPRIME 1M (%)	16.67	+0bp	-558bp
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	+0bp	+0bp
EQUITIES			
Stock market indices			
UX (Ukraine)	805.29	+0.92	+17.41
MSCI World	409.32	-0.54	+2.49
MSCI EM	844.53	-0.31	+6.35
RTS (Russia)	990.77	-0.51	+30.87
WIG-20 (Poland)	1,725.74	-0.96	-7.18
S&P 500 (USA)	2,181.90	-0.24	+6.75

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.

READ FIRST THE DISCLOSURES SECTION FOR IMPORTANT DISCLOSURES AND ANALYST CERTIFICATION

Bonds: News & Comments

Liquidity spent on taxes

Last Thursday, despite the high volume of taxes collected, the MoF was unable to immediately spend the funds on expenditures. After receiving UAH2.36-2.97bn of revenues per day at the beginning of the week, daily revenues jumped to UAH7.36bn on Thursday, causing last Friday's banking sector liquidity to decline UAH6.59bn to UAH75.64bn. Banks' correspondent accounts with the NBU fell UAH4.69bn to UAH40.65bn and total CDs outstanding fell UAH1.9bn to UAH34.99bn.

Investment implications: Without NBU support or large budget expenditures, last Thursday's tax payments had a significant impact on liquidity, causing it to decline to slightly above UAH75bn, the first time since mid-October. This week, although additional outflows to the budget could appear, the funds received last week could be returned to the banking system via expenditures. The FX market should also have an impact on liquidity, albeit less significantly, as the NBU purchased just USD26.7m, with an inflow in liquidity of UAH0.69bn, which should appear in today's liquidity indicators.

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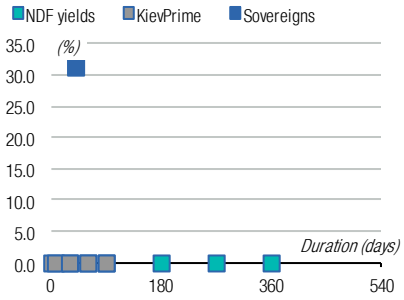
Yield curve of the local bond market
(as of market close on 18 Nov 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 18 Nov 2016)

	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	13.67	+9bp	+34bp	-116bp	-539bp
1wk	14.67	+17bp	+0bp	-133bp	-533bp
1m	16.67	+0bp	+17bp	-83bp	-558bp
2m	18.17	+0bp	+0bp	-16bp	-533bp
3m	18.33	+0bp	+0bp	+0bp	-542bp
LIQUIDITY WIDE MEASUREMENT (UAHm)					
CB acc's[1]	40,650	-10.34	+3.54	-7.68	+5.69
CDs[2]	34,993	-5.15	-19.01	+5.17	-59.68
Sovgns[3]	10,116	+0.00	-17.52	-23.24	+114.5
Total	**85,759**	-7.13	-9.47	-5.22	-34.02
HOLDERS OF UAH SOVEREIGN BONDS (UAHm)					
C.bank	361,646	+0.00	-0.39	-1.46	-4.78
Banks	157,535	-0.48	+1.17	+2.93	+93.13
Resid's[4]	13,591	-1.12	-1.67	-0.96	-35.27
Non-res[5]	10,285	-0.96	-4.56	-44.62	-53.89
Total	**543,057**	-0.19	-0.05	-1.68	+7.60
NDF IMPLIED YIELDS (%)					
3m	17.69	-316bp	-293bp	-292bp	+0bp
6m	18.87	-34bp	-14bp	-219bp	-11ppt
9m	18.76	-14bp	-26bp	-23bp	-448bp
1yr	17.53	-8bp	-20bp	-16bp	+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	+0bp	+0bp	-31bp	+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

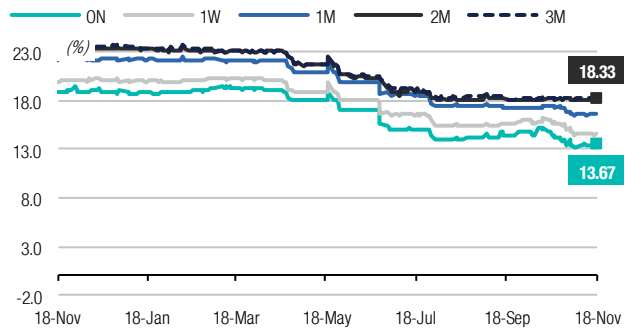
Notes: [1] banks' account balance at NBU; [2] certificates of deposits issued by NBU; [3] UAH sovereign bonds due next 30 days; [4] residents; [5] non-residents; [6] VAT bond.

Sources: Bloomberg, Investment Capital Ukraine LLC.

Section on Bond market is continued on next page.

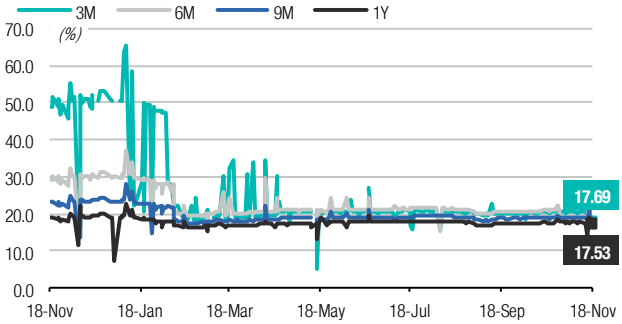
Chart page: Local bond market & Eurobond markets

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



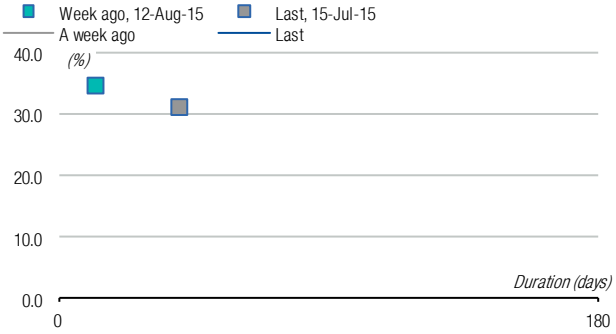
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



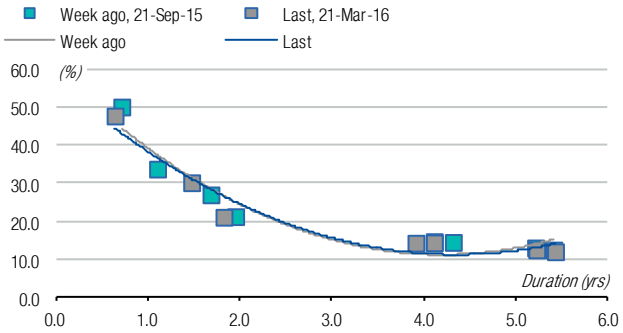
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 18 Nov 2016



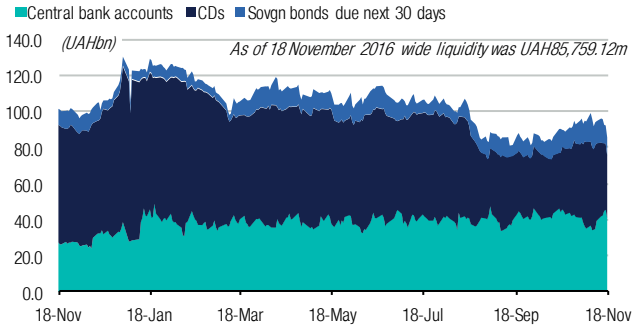
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 18 Nov 2016



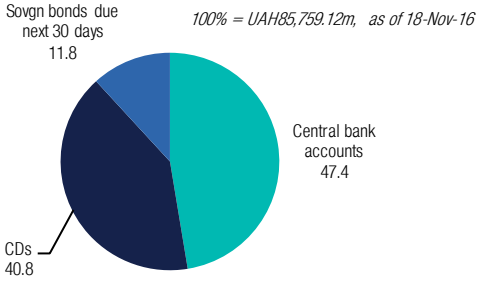
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



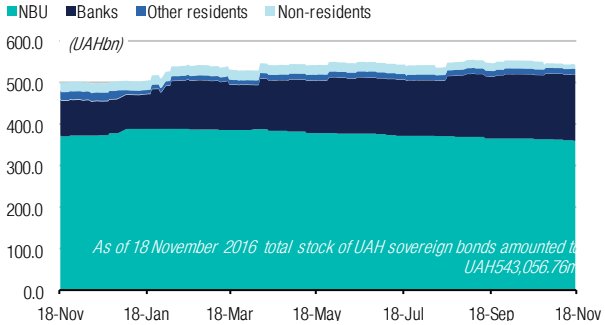
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 18 Nov 2016



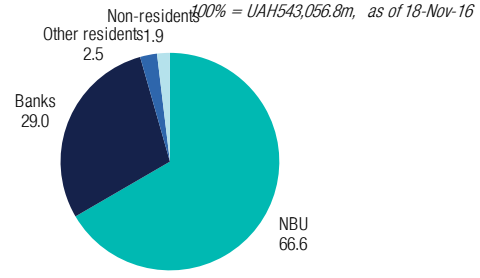
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 18 Nov 2016



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

Table 1. Ukrainian stocks (closing prices as of 18-Nov-2016)

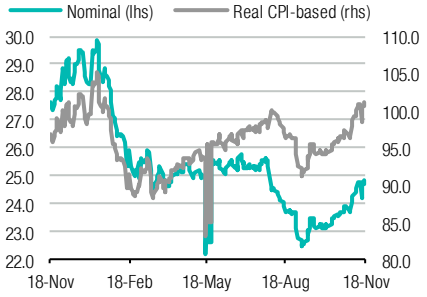
Company	Bloomberg Ticker	Listing	Share price performance (% change)					Valuation (US$)			Free float (FF) & Liquidity						P/E			EV/EBITDA			EV/Sales			Ratios	
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US$m)	Last day turnover (US$ 000)	3M avg. turnover (US$ 000)	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	**10.50 GBp**	+0.0	+5.0	+29.2	+12.0	0.13	30.0	-10.3	40.2	12.0	0.0	11.0	0.13	799	Neg.	N/A	N/A	1.2	N/A	N/A	Neg.	N/A	N/A	0.6	17.5
Centrenergo	CEEN UK	Kiev, UX	**10.60 UAH**	+0.6	+2.1	+132.4	+136.6	0.41	151.0	132.6	21.7	32.8	0.4	11.7	0.03	3,313	179.2	5.9	6.4	0.4	3.0	3.3	0.5	0.4	0.3	1.2	3.4
Coal Energy	CLE PW	Warsaw	**1.34 PLN**	-2.9	+2.3	+152.8	+103.0	0.32	14.4	86.5	25.0	3.6	3.3	13.2	0.17	600	Neg.	N/A	N/A	11.9	N/A	N/A	0.8	N/A	N/A	0.5	56.9
Donbasenergo	DOEN UK	Kiev, UX	**10.60 UAH**	+1.2	-15.4	-32.7	-38.8	0.41	9.7	10.6	14.2	1.4	0.3	1.5	0.17	578	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.5	4.2
JKX Oil & Gas	JKX LN	London	**16.75 GBp**	+1.5	-2.9	-38.5	-41.7	0.21	35.5	41.0	47.2	16.8	6.7	3.6	0.01	8,294	Neg.	Neg.	Neg.	Neg.	2.7	N/A	0.5	0.6	0.6	0.2	13.0
Regal Petroleum	RPT LN	London	**3.76 GBp**	+0.0	+0.7	+0.3	-1.2	0.05	14.9	-18.2	80.9	12.0	0.0	1.1	0.01	7,996	Neg.	Neg.	7.4	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	0.2	0.0
Sadova Group	SGR PW	Warsaw	**0.40 PLN**	+0.0	-27.3	+33.3	+33.3	0.10	4.1	45.3	25.0	1.0	1.3	4.6	0.26	382	Neg.	N/A	N/A	Neg.	N/A	N/A	43.7	N/A	N/A	N/A	239.6
Zakhidenergo	ZAEN UK	Kiev, PFTS	**59.00 UAH**	+0.0	N/A	N/A	N/A	2.27	29.1	155.1	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**	+7.5	+1.2	-22.7	-24.4	0.00	8.5	2,385.9	3.9	0.3	0.1	0.1	0.03	3,842	Neg.	Neg.	Neg.	14.6	25.1	22.7	7.9	7.1	7.4	N/A	192.1
Ferrexpo PLC	FXPO LN	London	**112.50 GBp**	-0.7	+3.2	+423.3	+268.9	1.39	817.4	1,569.4	22.4	183.1	2,087.1	3,671.9	3.39	29	24.7	5.2	6.3	11.3	5.3	5.7	1.6	1.7	1.7	2.8	73.7
Yasynivsky Cok...	YASK UK	Kiev, UX	**0.23 UAH**	+0.0	+15.0	+0.0	-17.3	0.01	2.4	2.7	9.0	0.2	0.0	0.3	0.02	5,504	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	**0.29 EUR**	-3.3	+0.0	-27.5	-32.6	0.31	30.8	78.3	34.0	10.5	24.8	41.1	0.30	332	Neg.	24.2	2.0	4.2	4.5	2.9	1.3	1.1	1.0	0.4	40.7
Agroliga	AGL PW	Warsaw	**15.40 PLN**	-1.1	+10.0	+35.3	+16.4	3.69	5.7	6.8	16.7	0.9	1.9	1.3	0.08	1,216	1.9	N/A	N/A	1.9	N/A	N/A	0.4	N/A	N/A	0.6	10.7
Agroton	AGT PW	Warsaw	**2.99 PLN**	+0.7	+14.6	+196.0	+171.8	0.72	15.5	24.1	26.2	4.1	13.6	87.2	1.77	57	Neg.	1.9	1.7	1.0	1.6	1.2	0.6	0.7	0.6	0.3	32.4
Astarta Holdin...	AST PW	Warsaw	**51.80 PLN**	+0.0	-2.7	+50.1	+50.1	12.40	309.9	475.0	31.0	96.1	6.3	141.0	0.06	1,540	18.3	3.9	3.5	3.7	3.2	3.4	1.4	1.2	1.2	1.0	41.5
Avangard	AVGR LI	London Intl	**0.47 USD**	-24.2	-26.6	-62.4	-70.6	0.47	30.0	369.1	21.7	6.5	19.0	5.0	0.11	932	Neg.	Neg.	0.8	Neg.	Neg.	10.5	1.6	2.8	2.2	0.2	53.9
IMC	IMC PW	Warsaw	**7.10 PLN**	-1.3	+3.5	+18.9	+5.5	1.70	53.2	133.3	23.9	12.7	19.4	20.8	0.23	442	3.6	2.7	2.1	2.0	2.4	2.8	0.9	1.0	0.9	0.9	56.8
Kernel Holding...	KER PW	Warsaw	**60.23 PLN**	+2.0	+0.7	+25.2	+27.2	14.41	1,148.4	1,432.9	58.8	675.0	340.1	1,180.5	0.14	736	5.1	2.0	5.0	4.1	3.8	3.9	0.7	0.6	0.6	1.2	22.7
KSG Agro	KSG PW	Warsaw	**2.07 PLN**	-1.0	+11.9	+122.6	+101.0	0.50	7.4	70.7	34.4	2.6	19.6	24.0	1.06	94	Neg.	N/A	N/A	7.0	N/A	N/A	2.2	N/A	N/A	N/A	67.4
MHP	MHPC LI	London Intl	**8.86 USD**	-2.3	-5.2	-4.7	-10.5	8.86	936.2	2,122.1	22.3	209.0	313.3	251.9	0.12	827	Neg.	6.8	4.6	4.6	5.3	5.0	1.8	1.7	1.6	1.3	61.6
Milkiland	MLK PW	Warsaw	**1.79 PLN**	+0.6	-5.3	+26.1	-4.8	0.43	13.4	127.6	20.0	2.7	4.2	17.0	0.51	195	Neg.	Neg.	Neg.	Neg.	16.3	8.7	0.6	0.8	0.6	0.4	57.6
Ovostar Union	OVO PW	Warsaw	**88.50 PLN**	+0.0	-2.7	-2.2	+2.9	21.18	127.1	140.7	25.0	31.8	0.3	22.3	0.07	1,460	4.1	4.5	4.1	4.1	4.1	3.7	1.8	1.7	1.4	1.7	16.9
TRANSPORTATION																											
KDM Shipping	KDM PW	Warsaw	**1.65 PLN**	+0.0	-1.2	-64.0	-64.5	0.39	3.7	-12.1	10.9	0.4	0.8	0.4	0.03	3,649	Neg.	N/A	N/A	4.1	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	+11.1	0.01	0.5	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**	+1.0	+2.9	+68.6	+76.4	0.00	301.1	N/A	3.8	11.5	0.6	6.3	0.07	1,386	Neg.	5.2	5.9	N/A	N/A	N/A	N/A	N/A	N/A	1.1	14.4
Ukrsotsbank	USCB UK	Kiev, UX	**0.07 UAH**	-6.9	-27.5	-32.2	-28.7	0.00	298.1	N/A	4.5	13.4	1.8	0.2	0.00	25,251	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4	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.

4

FX: News & Comments

ICU's UAH trade-weighted indices
(Last 12-month history to 21 Nov 2016)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 18 Nov 2016)

	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	25.8650	-0.35	+0.84	+0.91	+7.65
NBU avg	25.8953	-0.61	+1.03	+0.90	+8.85
Ttl vlm[1]	190.84	+20.00	+70.07	-45.75	-47.46
$ volume[2]	140.42	+13.07	+76.37	-42.52	-44.07
NDF 3M	26.9584	-1.09	+0.22	+0.20	+0.00
NDF 6M	28.1695	-0.50	+0.88	-0.11	+2.33
NDF 1Y	29.9150	-0.43	+0.77	+0.72	+17.33
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	24.831	+0.57	+0.32	+5.07	-12.50
UAH real CPI	101.069	+0.57	+0.32	+5.07	+2.83
UAH real PPI	133.457	+0.57	+0.32	+5.07	+1.27
USD nom'l	101.210	+0.32	+2.17	+3.39	+2.61
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	64.9791	+0.16	-1.30	+3.91	-10.40
EUR/USD	1.0588	-0.36	-2.46	-3.58	-2.52
USD/CNY	6.8865	+0.12	+1.09	+2.16	+6.05
USD/PLN	4.1931	+0.46	+2.96	+6.72	+6.89
USD/TRY	3.3683	-0.06	+3.68	+8.82	+15.46
USD/BYR	19,565.00	+0.08	+0.27	+1.97	+5.04
USD/KZT	340.5500	-0.17	-0.25	+2.69	-0.01
OTHER MAJOR CURRENCIES					
USD/JPY	110.9100	+0.72	+3.99	+6.78	-7.74
GBP/USD	1.2342	-0.60	-2.02	+0.36	-16.25
USD/CHF	1.0101	+0.30	+2.24	+2.04	+0.80
AUD/USD	0.7338	-0.92	-2.76	-4.28	+0.71
USD/CAD	1.3505	-0.12	-0.27	+3.02	-2.41
USD/BRL	3.3818	-1.15	-0.60	+6.09	-14.62
USD/KRW	1,183.00	+0.59	+1.57	+4.75	+0.68
COMMODITIES					
Gold($/oz)	1,207.93	-0.70	-1.62	-4.32	+13.80
WTI crude[3]	45.69	+0.59	+5.25	-9.15	+23.35
Brent crd[3]	45.91	+1.68	+4.89	-8.82	+28.42
Urals crd[3]	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB[4]	183.14	+0.38	+1.33	-3.50	+3.97

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.

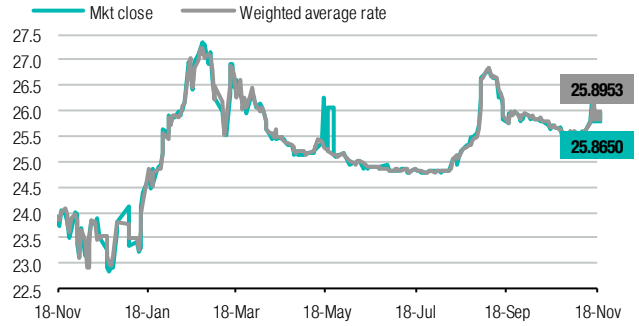
Sources: Bloomberg, Investment Capital Ukraine LLC.

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>).

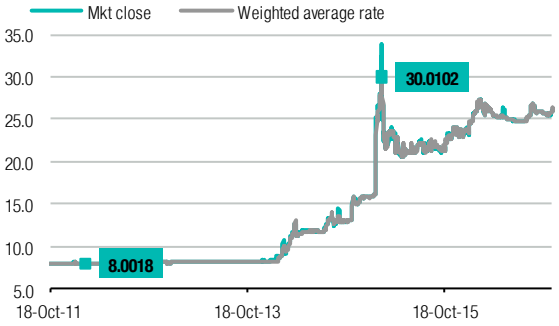
Section on FX market is continued on next page.

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)

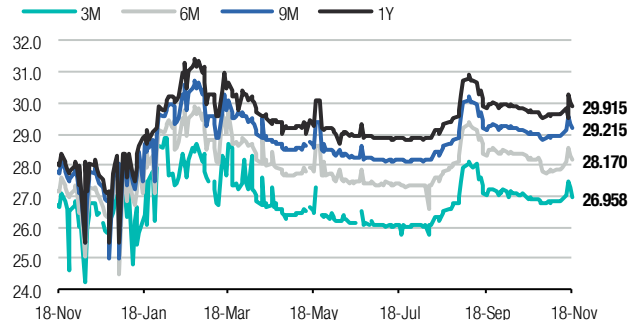


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

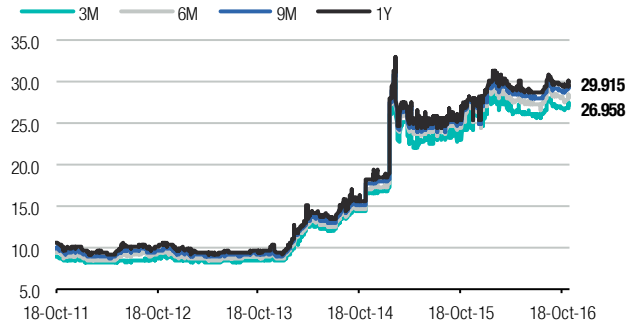


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

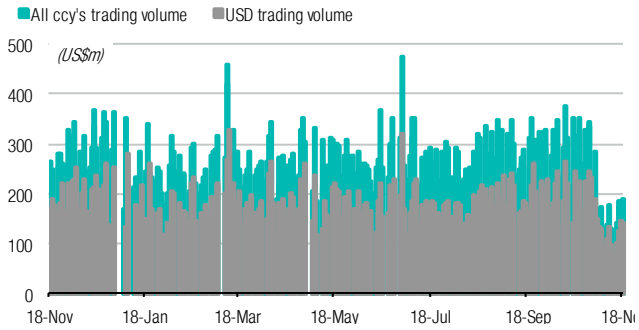


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

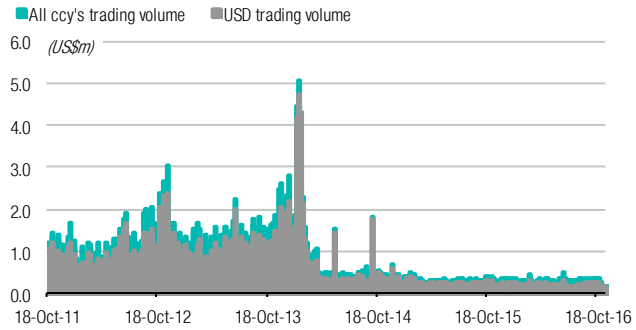


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

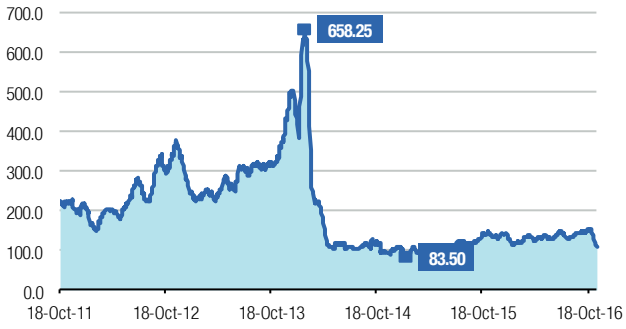


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)

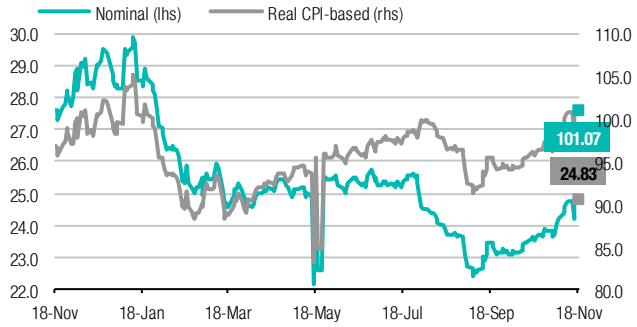


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

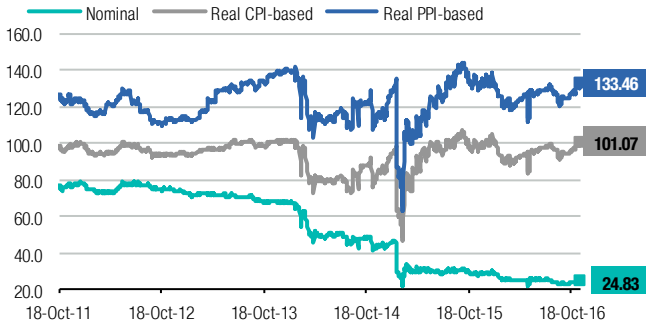
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit http://www.icu.ua/en/research/currency-indices).

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



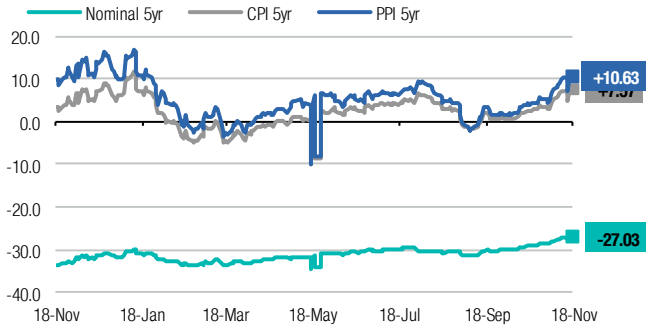
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

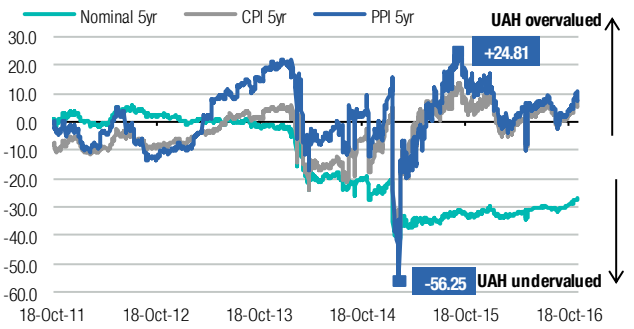


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

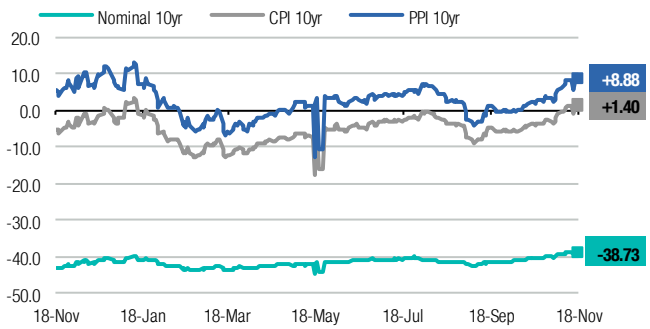


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

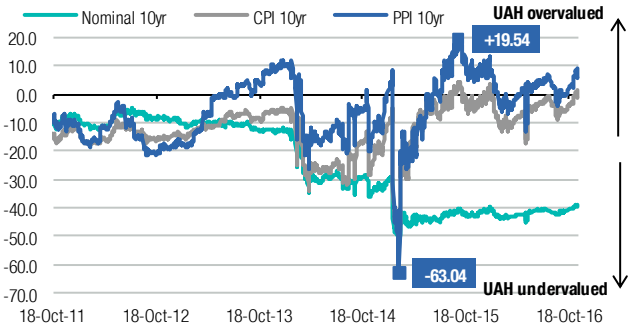


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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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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

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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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