

Daily Insight

Liquidity continues to decline

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MONDAY, 23 MAY 2016

UX Index (3 months to 23 May 2016)



Source: UX.

Key market indicators (as of 20 May 2016)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	26.0501	+3.27	+8.42
USD/UAH (1Y NDF)	30.1000	+2.82	+18.06
EUR/USD	2.1224	+89.45	+95.40
USD/RUB	66.8371	+0.11	-7.84
KievPRIME O/N (%)	19.00	+100bp	-6bp
KievPRIME 1M (%)	22.00	+100bp	-25bp
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	N/A		
EQUITIES			
Stock market indices			
UX (Ukraine)	647.81	+0.56	-5.55
MSCI World	393.95	+0.72	-1.35
MSCI EM	785.26	+0.44	-1.12
RTS (Russia)	893.09	+0.87	+17.97
WIG-20 (Poland)	1,806.38	+0.36	-2.84
S&P 500 (USA)	2,052.32	+0.60	+0.41

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 continues to decline

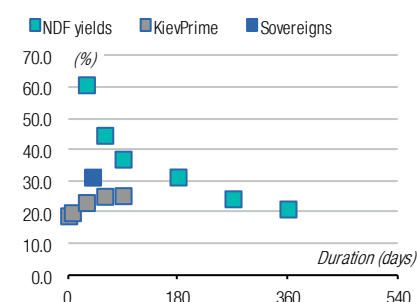
Last Friday started with UAH95.10bn of banking sector liquidity, down UAH3.15bn from the day before. Banks' correspondent accounts with the NBU slid UAH0.79bn to UAH35.68bn while total CDs outstanding fell UAH2.36bn to UAH59.42bn.

Investment implications: At the end of last week, liquidity could have declined as a result of the start of month-end tax payments. As the bulk of the taxes most likely be paid more toward the end of the month, liquidity could recover slightly this week. Also, there could be higher FX activity prior to the FX-bond offering scheduled on Tuesday.

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Yield curve of the local bond market

(as of market close on 20 May 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 20 May 2016)

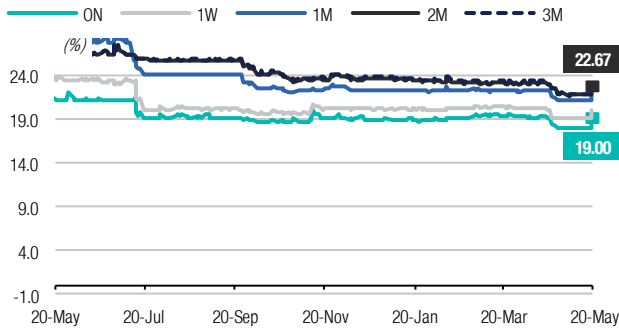
	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	19.00	+100bp	+100bp	+0bp	-6bp
1wk	20.00	+100bp	+100bp	+0bp	+0bp
1m	22.00	+100bp	+100bp	-17bp	-25bp
2m	22.67	+100bp	+100bp	-33bp	-83bp
3m	22.67	+100bp	+100bp	-33bp	-108bp
LIQUIDITY WIDE MEASUREMENT (UAHm)					
CB acc's ¹	35,682	-2.18	-8.74	-17.54	-7.23
CDs ²	59,419	-3.82	-4.67	-0.36	-31.54
Sovgns ³	8,668	+0.00	+0.92	-13.01	+83.14
Total	103,769	-2.95	-5.68	-8.06	-20.17
HOLDERS OF UAH SOVEREIGN BONDS (UAHm)					
C.bank	379,946	+0.00	+0.00	-1.42	+0.03
Banks	125,306	-0.30	+0.26	+4.50	+53.62
Resid's ⁴	14,634	+2.68	+3.16	+9.15	-30.30
Non-res ⁵	22,648	+0.01	-0.20	-0.95	+1.53
Total	542,535	+0.00	+0.13	+0.18	+7.50
NDF IMPLIED YIELDS (%)					
3m	19.81	-63bp	+0bp	-46bp	+0bp
6m	20.36	-64bp	+0bp	-46bp	-956bp
9m	18.27	-57bp	+0bp	-37bp	-497bp
1yr	18.21	-52bp	+209bp	+86bp	+11bp
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	N/A	N/A	N/A	N/A	N/A
Jun '16	67.67	+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.

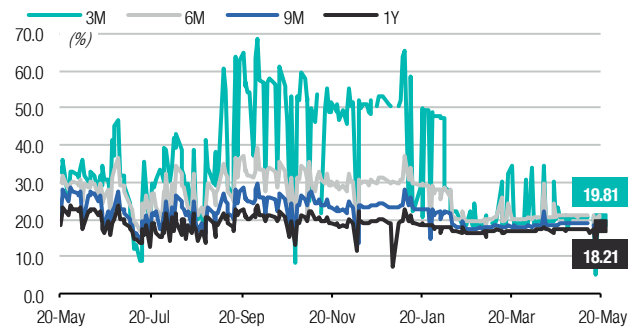
Chart page: Local bond market & Eurobond markets

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



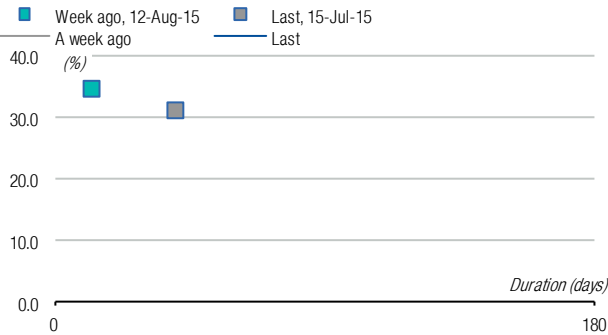
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



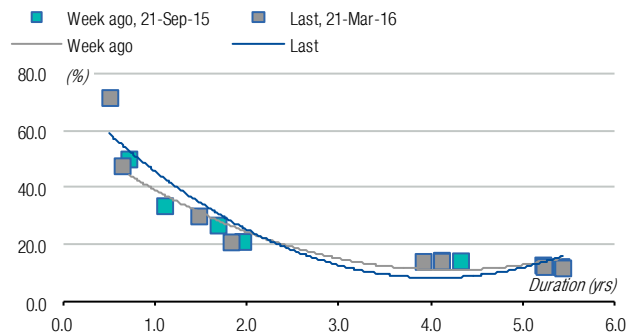
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 20 May 2016



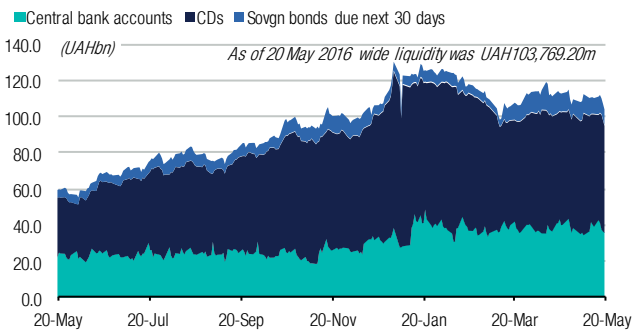
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 20 May 2016



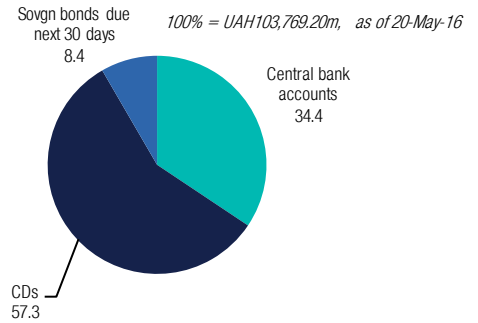
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



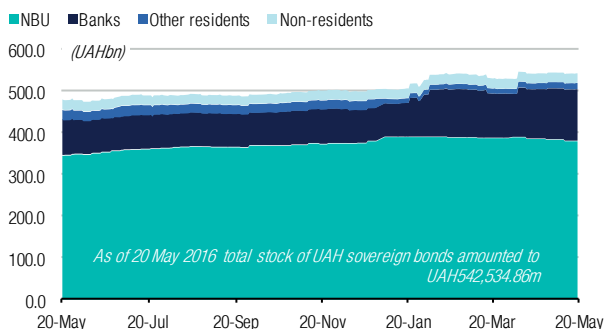
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 20 May 2016



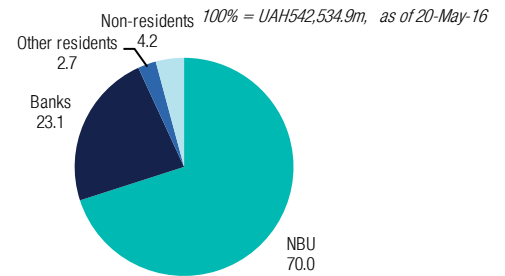
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 20 May 2016



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

Table 1. Ukrainian stocks (closing prices as of 20-May-2016)

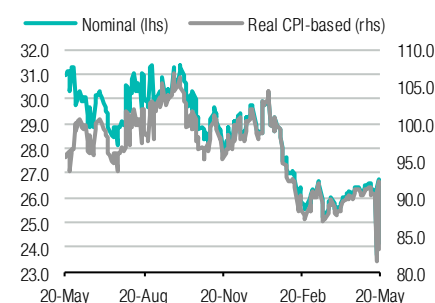
Company	Bloomberg Ticker	Listing	Share price performance (% change)					Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios					
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (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	9.63 GBp	-9.2	-6.8	N/A	-6.8	0.13	29.9	-7.3	40.2	12.0	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	0.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Centrenerg	CEEN UK	Kiev, UX	7.91 UAH	N/A	N/A	N/A	-13.5	0.28	101.8	90.1	21.7	22.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Coal Energy	CLE PW	Warsaw	0.58 PLN	-3.3	N/A	N/A	N/A	0.15	7.6	78.7	25.0	1.9	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Donbasenergo	DOEN UK	Kiev, UX	14.98 UAH	N/A	N/A	-11.3	-40.0	0.56	14.2	20.1	14.2	2.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
JKX Oil & Gas	JKX LN	London	23.25 GBp	N/A	N/A	-18.3	-27.6	0.32	56.5	63.9	47.2	26.7	N/A	N/A	N/A	N/A	Neg.	Neg.	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Regal Petroleum	RPT LN	London	3.45 GBp	N/A	N/A	-34.7	-42.4	0.04	12.4	-22.0	80.9	10.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Zakhidenergo	ZAEN UK	Kiev, PFTS	49.00 UAH	N/A	N/A	-42.9	-71.1	2.92	25.5	56.6	5.0	1.3	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
METALLURGY																														
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	N/A	N/A	-38.0	-50.7	0.00	8.1	1,646.3	3.9	0.3	N/A	N/A	N/A	N/A	Neg.	Neg.	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Avdiyivsky Cok...	AVDK UK	Kiev, UX	0.87 UAH	N/A	N/A	-21.0	-31.2	0.03	7.8	6.9	4.0	0.3	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Azovstal	AZST UK	Kiev, UX	0.27 UAH	N/A	N/A	-31.8	-66.9	0.01	46.8	-2.6	4.1	1.9	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Ferrexpo PLC	FXPO LN	London	32.25 GBp	N/A	-13.8	N/A	-58.1	0.45	267.1	1,134.6	22.4	59.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Yasynivsky Cok...	YASK UK	Kiev, UX	0.13 UAH	N/A	-7.1	-43.5	-50.0	0.01	2.4	3.0	9.0	0.2	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Yenakievo Steel	ENMZ UK	Kiev, UX	10.60 UAH	N/A	N/A	-31.4	-43.5	0.38	5.0	-9.7	9.4	0.5	N/A	N/A	N/A	N/A	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FOOD AND AGRIBUSINESS																														
AgroGeneration	ALAGR FP	EN Paris	0.34 EUR	N/A	-5.6	-15.0	-27.7	0.38	38.6	76.3	34.0	13.1	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Agroliga	AGL PW	Warsaw	16.56 PLN	-0.1	-1.0	N/A	N/A	4.96	7.1	8.3	16.7	1.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Agroton	AGT PW	Warsaw	2.14 PLN	-0.9	-8.1	N/A	N/A	0.29	7.3	21.3	26.2	1.9	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Astarta Holdin...	AST PW	Warsaw	43.00 PLN	-3.3	-9.7	N/A	N/A	11.68	266.9	418.5	31.0	82.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Avangard	AVGR LI	London Intl	0.91 USD	N/A	-9.0	-27.2	-63.6	0.91	59.1	377.0	21.7	12.8	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IMC	IMC PW	Warsaw	8.14 PLN	N/A	N/A	N/A	N/A	2.81	57.8	148.8	23.9	13.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Kernel Holding...	KERL PW	Warsaw	52.50 PLN	-2.5	-1.0	N/A	N/A	14.09	1,043.2	1,505.5	58.8	613.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
KSG Agro	KSG PW	Warsaw	2.35 PLN	N/A	-9.4	N/A	N/A	0.34	6.2	68.4	34.4	2.1	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
MHP	MHPC LI	London Intl	10.94 USD	N/A	N/A	N/A	-5.3	10.94	1,050.3	2,298.5	22.3	234.4	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Milkiland	MLK PW	Warsaw	2.67 PLN	N/A	-10.7	N/A	-28.0	0.42	14.3	131.7	20.0	2.9	N/A	N/A	N/A	N/A	Neg.	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
CONSTRUCTION																														
TMM	TR61 GF	Frankfurt	0.01 EUR	N/A	N/A	-85.7	-60.0	0.01	0.6	93.5	13.1	0.1	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FINANCIAL SERVICES																														
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.08 UAH	N/A	N/A	N/A	-14.6	0.00	193.9	N/A	3.8	7.4	N/A	N/A	N/A	N/A	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Ukrsofsbank	USCB UK	Kiev, UX	0.07 UAH	N/A	-9.5	-32.2	-34.3	0.00	207.0	N/A	4.5	9.3	N/A	N/A	N/A	N/A	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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 23 May 2016)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 20 May 2016)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	26.0501	+3.27	+3.04	+2.46	+8.42
NBU avg	25.2015	-0.23	-0.98	-0.83	+5.93
Ttl vlm ¹	295.61	-1.25	+15.94	+10.20	-18.62
\$ volume ²	205.73	-1.78	+30.16	+3.20	-18.05
NDF 3M	27.3000	+3.12	+0.00	+2.34	+0.00
NDF 6M	28.6000	+2.97	+0.00	+2.23	+3.89
NDF 1Y	30.1000	+2.82	+3.79	+2.12	+18.06
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	24.155	-9.80	-8.33	-7.45	-15.53
UAH real CPI	83.139	-9.80	-8.33	-7.45	-15.14
UAH real PPI	112.139	-9.80	-8.33	-7.45	-14.00
USD nom'l	95.334	+0.05	+1.17	+0.89	-3.34
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	66.8371	+0.11	+2.79	+2.56	-7.84
EUR/USD	2.1224	+89.45	+87.00	+87.87	+95.40
USD/CNY	7.5490	+15.26	+15.74	+16.71	+16.25
USD/PLN	4.9382	+25.40	+26.96	+30.64	+25.88
USD/TRY	3.9750	+33.00	+34.12	+41.31	+36.26
USD/BYR	19,590.00	-0.03	+1.50	-1.19	+5.17
USD/KZT	335.0000	-0.18	+1.83	-0.89	-1.64
OTHER MAJOR CURRENCIES					
USD/JPY	110.1500	+0.17	+1.47	+0.28	-8.38
GBP/USD	2.4502	+67.70	+69.92	+70.96	+66.27
USD/CHF	0.9903	-0.04	+1.82	+1.86	-1.18
AUD/USD	0.7222	-0.08	-0.89	-7.34	-0.88
USD/CAD	2.3113	+76.52	+79.64	+82.64	+67.01
USD/BRL	4.5212	+26.84	+29.81	+28.09	+14.15
USD/KRW	1,190.13	-0.14	+1.59	+4.83	+1.28
COMMODITIES					
Gold(\$/oz)	1,252.15	-0.20	-1.71	+0.63	+17.97
WTI crude ³	48.75	+1.23	+0.00	+14.36	+31.61
Brent crd ³	49.28	+1.92	+4.36	+10.99	+37.85
Urals crd ³	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB ⁴	184.21	+0.18	+0.31	+1.53	+4.58

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>).

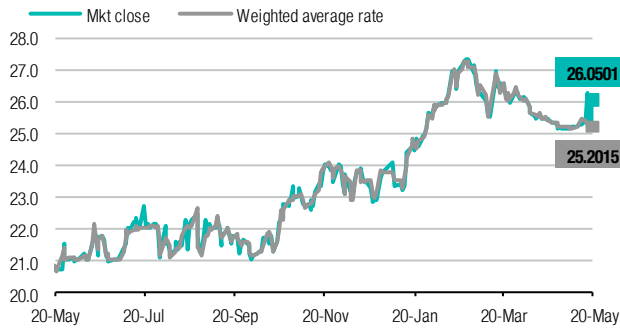
Section on FX market is continued on next page.

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.

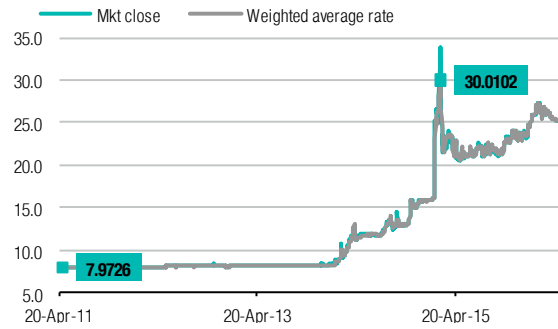
Sources: Bloomberg, Investment Capital Ukraine LLC.

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)

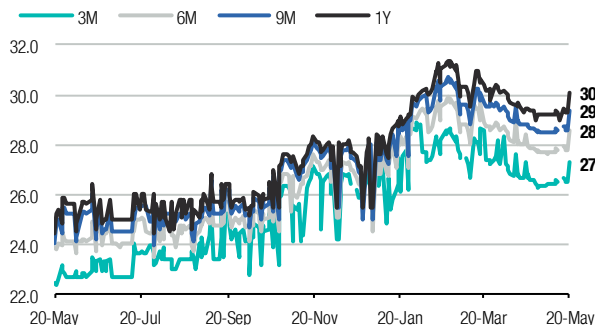


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

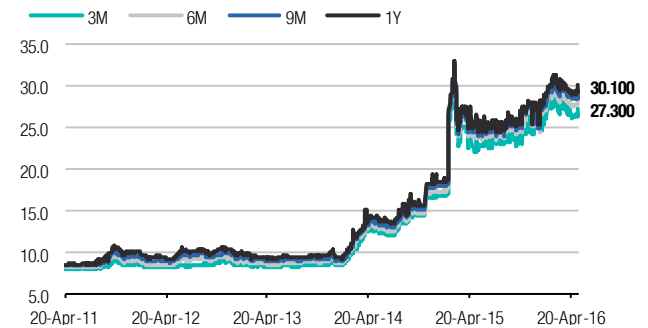


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

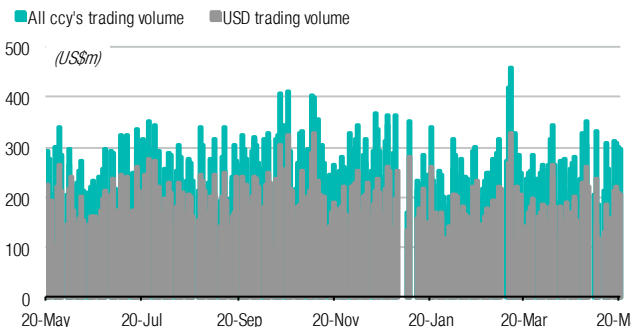


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

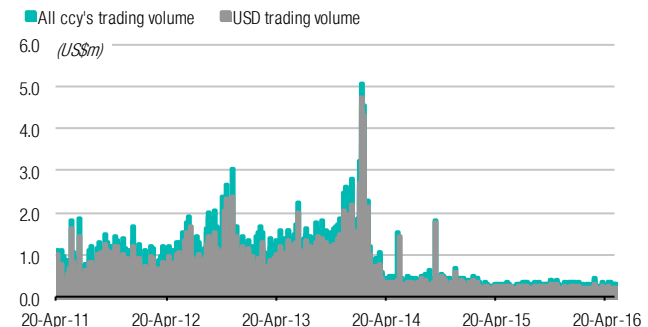


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

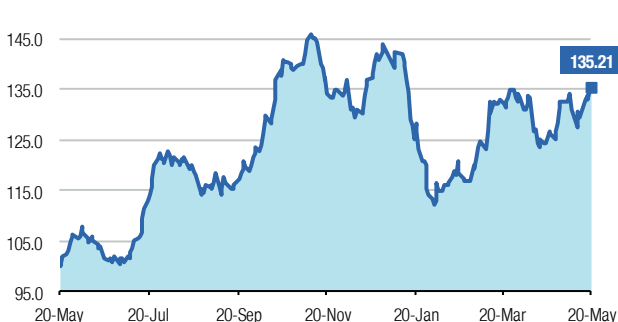


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)

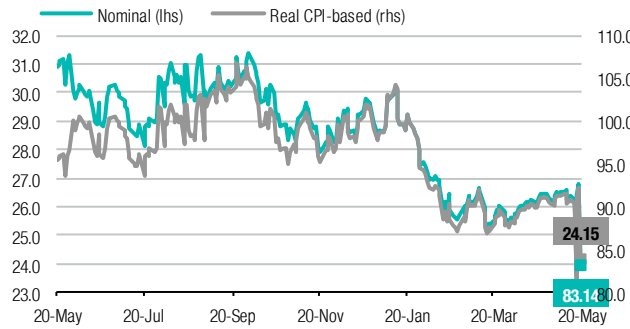


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

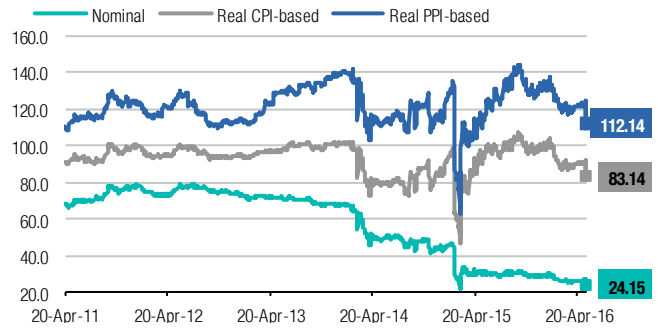
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <http://www.icu.ua/en/research/currency-indices>).

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



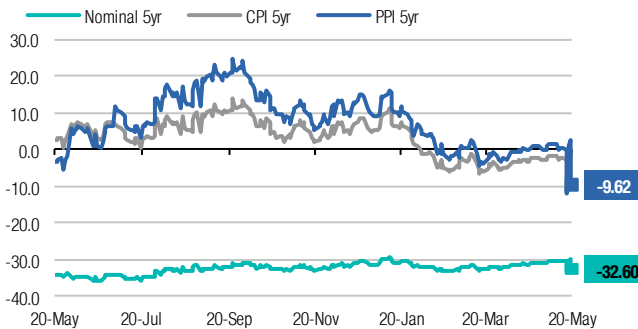
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

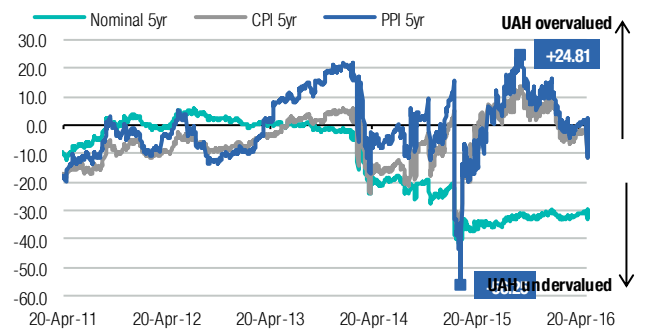


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

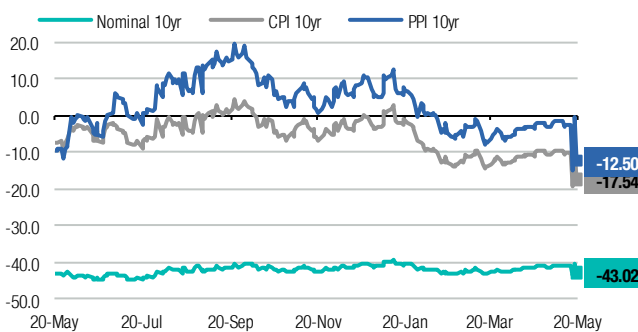


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

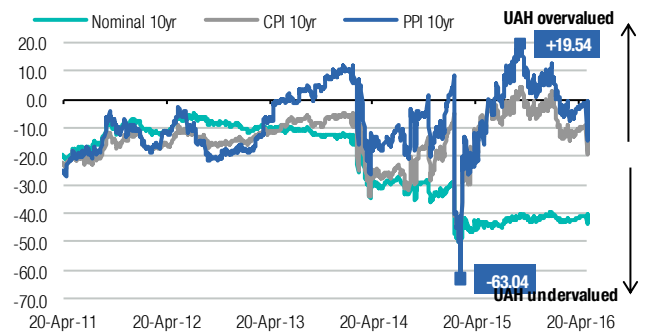


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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.

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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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