



# Economics, bonds, equity & FX markets

# **Daily Insight**

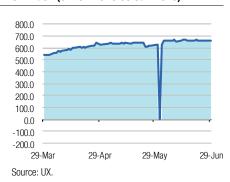
# Resilience in the wake of Brexit

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# **THURSDAY, 30 JUNE 2016**

#### UX Index (3 months to 30 Jun 2016)



# Key market indicators (as of 29 Jun 2016)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	24.9200	+0.13	+3.71
USD/UAH (1Y NDF)	28.9700	+0.11	+13.62
EUR/USD	1.1125	+0.54	+2.42
USD/RUB	63.7187	-1.00	-12.14
KievPRIME O/N (%)	15.50	-25bp	-356bp
KievPRIME 1M (%)	18.83	+8bp	-342bp
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	744bp	+0bp	+0bp

EUUITIES			
Stock market indices			
UX (Ukraine)	658.35	-0.05	-4.01
MSCI World	394.60	+2.19	-1.19
MSCI EM	821.82	+2.06	+3.49
RTS (Russia)	931.35	+2.87	+23.03
WIG-20 (Poland)	1,756.20	+0.25	-5.54
S&P 500 (USA)	2,070.77	+1.70	+1.31

ENHITIES

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.

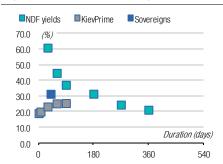
Sources: Bloomberg, UX, Investment Capital Ukraine LLC.



# **Bonds: News & Comments**

# Yield curve of the local bond market

(as of market close on 29 Jun 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

# Bond market indicators (as of 29 Jun 2016)

.ast	Daily	Weekly	MoM	YTD
	cha (%)	cha (%)	cha (%)	cha (%)

		chg (%)	chg (%)	chg (%)	chg (%)
MONEY N	MARKET KII	EV PRIME F	RATES (%)		
0/n	15.50	-25bp	-150bp	-150bp	-356bp
1wk	16.83	+8bp	-117bp	-117bp	-317bp
1m	18.83	+8bp	-117bp	-117bp	-342bp
2m	19.42	-83bp	-96bp	-141bp	-408bp
3m	19.75	-50bp	-88bp	-108bp	-400bp
LIQUIDIT	Y WIDE ME	ASUREMEN	IT (UAHm)		
CB acc's <sup>1</sup>	40,704	+5.52	+5.24	+3.81	+11.67
CDs <sup>2</sup>	32,629	-22.51	-58.41	-52.87	-70.87
Sovgns <sup>3</sup>	9,987	+0.00	-13.77	+10.63	+111.0
Total	83,320	-6.12	-30.89	-24.83	-39.83
HOLDERS	OF UAH S	OVEREIGN	I BONDS (	(UAHm)	
C.bank	378,698	+0.00	+0.00	-0.33	-0.29
Banks	133,578	-0.02	-0.29	+0.61	+63.76
Resid's <sup>4</sup>	14,784	-0.04	+2.36	+4.90	-29.59
Non-res <sup>5</sup>	22,334	-0.04	-0.07	-0.80	+0.12
Total	549,393	-0.01	-0.01	+0.01	+8.86
NDF IMP	LIED YIELD	OS (%)			
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 C	URRENCY	UAH SOVEF	REIGN BON	D 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 <sup>6</sup>	N/A	N/A	N/A	N/A	N/A
EUROBO	NDS USD S	OVEREIGN	Bond Yiel	DS (%)	
CDS 5yr	744	+0bp	+0bp	+56bp	+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

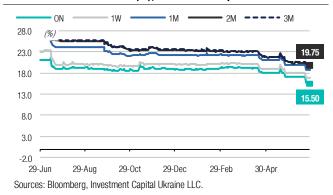


Chart 3. UAH sovereign yield curve (%) as of 29 Jun 2016



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

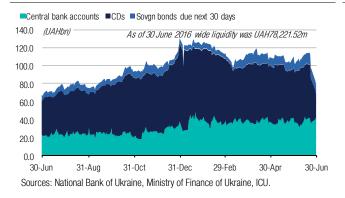


Chart 7. Holders of sovereign bonds (UAHbn), last 12 months



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

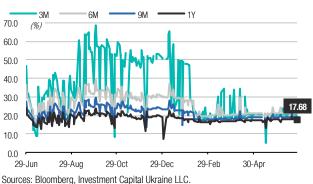


Chart 4. USD sovereign yield curve (%) as of 29 Jun 2016

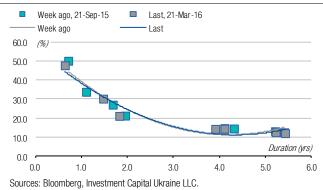
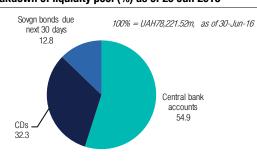
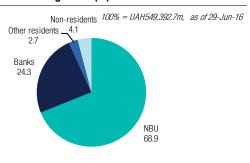


Chart 6. Breakdown of liquidity pool (%) as of 29 Jun 2016



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

Chart 8. Domestic sovereign debt (%) as of 29 Jun 2016



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

Table 1. Ukrainian stocks (closing prices as of 29-Jun-2016)

ondon iev, UX iev, UX ondon ondon	7.13 GBp X 7.45 UAH X 12.69 UAH In 16.25 GBp	+0.0 +0.0 +0.0 -1.5	-13.6 +12.8 -9.2	-12.3 +63.4	YoY -38.7		Market cap (m)	EV (m)	FF (%)	mkt cap	turnover	3M avg. turnover	FF share traded	FF	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E		Debt/
iev, UX iev, UX London London	7.45 UAH X 12.69 UAH an 16.25 GBp	+0.0 +0.0	+12.8	_	-38.7	0.10					(US\$ 000)	US\$ 000)	(%)	(days)										(24)	Assets (%)
iev, UX iev, UX London London	7.45 UAH X 12.69 UAH an 16.25 GBp	+0.0 +0.0	+12.8	_	-38.7	0.10																			
iev, UX London London	12.69 UAH on 16.25 GBp	+0.0		+63.4		0.10	22.1	-14.2	40.2	8.9	0.0	10.4	0.01	6,849	Neg.	8.2	8.8	1.6	Neg.	Neg.	Neg.	Neg.	Neg.	0.4	17.5
ondon ondon	n <b>16.25 GBp</b>		-9.2		-3.8	0.30	110.6	98.8	21.7	24.0	10.7	15.9	0.05	2,080	125.9	7.9	N/A	0.3	2.8	N/A	0.4	0.2	N/A	1.1	3.4
ondon	•	-1.5		-19.5	-42.6	0.51	12.1	18.0	14.2	1.7	2.4	2.1	0.08	1,210	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.2	4.2
	on <b>3.50 GBp</b>		-26.1	-40.4	-40.9	0.22	37.4	45.8	47.2	17.7	30.0	6.5	0.03	3,118	Neg.	Neg.	Neg.	Neg.	1.8	N/A	0.5	0.6	0.7	0.2	13.0
, PFTS		+0.0	+20.7	-6.7	-26.6	0.05	15.0	-17.9	80.9	12.2	0.0	3.4	0.04	2,794	Neg.	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.2	0.0
	S <b>50.00 UAH</b>	+0.0	-2.0	-40.5	-70.1	2.01	25.7	57.0	5.0	1.3	0.0	0.3	0.01	8,179	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.3	11.6
iev, UX	<b>NAU 00.0</b> X	+0.0	-34.5	-59.6	-66.4	0.00	4.7	2,482.5	3.9	0.2	0.9	0.1	0.05	2,135	Neg.	N/A	N/A	15.1	N/A	N/A	7.9	N/A	N/A	N/A	192.1
iev, UX	X 0.56 UAH	+0.0	-32.4	-49.0	-51.2	0.02	4.4	3.5	4.0	0.2	4.1	0.7	0.25	408	Neg.	N/A	N/A	Neg.	N/A	N/A	0.0	N/A	N/A	0.0	0.0
iev, UX	X 0.24 UAH	+0.0	-11.0	-41.3	-70.5	0.01	39.7	-9.0	4.1	1.6	6.9	1.3	0.07	1,391	Neg.	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.0	0.0
ondon	on <b>31.50 GBp</b>	+4.1	+1.6	+46.5	-52.6	0.42	248.6	1,116.1	22.4	55.7	157.5	384.8	0.40	251	7.5	2.2	2.9	8.1	4.4	5.8	1.2	1.3	1.3	1.0	73.7
iev, UX	X 0.10 UAH	+0.0	-24.8	-56.5	-60.2	0.00	1.1	1.7	9.0	0.1	0.2	0.0	0.03	2,930	Neg.	N/A	N/A	Neg.	N/A	N/A	0.0	N/A	N/A	0.0	0.0
iev, UX	X 6.50 UAH	+0.0	-39.8	-53.6	-62.3	0.26	2.8	-11.1	9.4	0.3	2.0	0.3	0.09	1,073	Neg.	Neg.	N/A	Neg.	Neg.	N/A	Neg.	Neg.	N/A	0.1	0.0
N Paris	is <b>0.33 EUR</b>	+0.0	-8.3	-17.5	-23.3	0.37	36.4	74.6	34.0	12.4	4.2	40.1	0.14	698	Neg.	11.7	3.6	4.0	3.4	2.9	1.1	1.2	1.0	0.5	40.7
/arsaw	w <b>14.79 PLN</b>	-0.1	-2.1	+30.0	+38.1	3.71	5.7	6.9	16.7	1.0	0.6	2.3	0.08	1,189	1.9	N/A	N/A	1.9	N/A	N/A	0.4	N/A	N/A	0.5	10.7
/arsaw	w <b>1.12 PLN</b>	+0.0	-9.7	+10.9	-0.9	0.28	6.1	20.1	26.2	1.6	0.8	7.0	0.17	583	Neg.	N/A	N/A	0.9	N/A	N/A	0.5	N/A	N/A	0.1	32.4
/arsaw	w 46.18 PLN	+2.4	+8.0	+33.9	+49.0	11.59	289.6	439.5	31.0	89.8	12.1	94.7	0.03	3,105	16.4	3.8	3.1	3.3	3.4	3.1	1.3	1.2	1.0	1.1	41.5
don Intl	tl 0.88 USD	-7.4	-10.2	-29.6	-20.0	0.88	56.2	384.4	21.7	12.2	35.2	8.1	0.09	1,076	Neg.	5.1	N/A	Neg.	7.8	N/A	1.7	1.4	N/A	0.3	53.9
/arsaw	w <b>52.85 PLN</b>	-0.3	-2.6	+9.9	+39.9	13.26	1,056.5	1,495.3	58.8	620.9	702.5	1,323.6	0.24	423	9.9	4.7	4.4	3.8	4.3	4.0	0.6	0.7	0.6	1.1	32.0
/arsaw	w <b>1.57 PLN</b>	+6.8	-9.2	+68.8	+145.3	0.39	5.9	69.2	34.4	2.0	0.3	17.0	0.63	158	Neg.	N/A	N/A	6.9	N/A	N/A	2.1	N/A	N/A	N/A	67.4
don Intl	itl 9.10 USD	-2.2	+1.0	-2.2	-9.9	9.10	961.6	2,214.5	22.3	214.6	352.4	371.2	0.05	2,078	Neg.	5.1	3.9	4.8	5.3	5.0	1.9	1.7	1.6	1.7	61.6
/arsaw	w <b>1.60 PLN</b>	+0.6	-13.5	+12.7	+3.2	0.40	12.5	129.7	20.0	2.5	1.3	13.4	0.18	552	Neg.	Neg.	Neg.	9.4	14.2	8.5	0.6	0.6	0.6	0.1	42.5
ankfurt	rt <b>0.01 EUR</b>	+0.0	-41.2	-85.7	-33.3	0.01	0.6	93.4	13.1	0.1	0.0	0.1	0.23	429	Neg.	N/A	N/A	Neg.	N/A	N/A	3.6	N/A	N/A	0.0	41.9
	0.09 UAH	+0.0	+19.3	+17.2	-3.9	0.00	218.2	N/A	3.8	8.3	11.3	5.2	0.06	1,619	Neg.	8.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.8	14.4
iev, UX	X 0.06 UAH	+0.0	+4.7	-34.3	-21.8	0.00	300.9	N/A	4.5	13.5	0.4	0.7	0.00	45,675	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4	24.3
/arsav /arsav don In /arsav		<ul> <li>52.85 PLN</li> <li>1.57 PLN</li> <li>9.10 USD</li> <li>1.60 PLN</li> <li>0.01 EUR</li> <li>0.09 UAH</li> </ul>	N     52.85 PLN     -0.3       N     1.57 PLN     +6.8       tl     9.10 USD     -2.2       N     1.60 PLN     +0.6       rt     0.01 EUR     +0.0       X     0.09 UAH     +0.0	W     52.85 PLN     -0.3     -2.6       W     1.57 PLN     +6.8     -9.2       tl     9.10 USD     -2.2     +1.0       W     1.60 PLN     +0.6     -13.5       rt     0.01 EUR     +0.0     -41.2       X     0.09 UAH     +0.0     +19.3	N         52.85 PLN         -0.3         -2.6         +9.9           N         1.57 PLN         +6.8         -9.2         +68.8           tl         9.10 USD         -2.2         +1.0         -2.2           N         1.60 PLN         +0.6         -13.5         +12.7           tt         0.01 EUR         +0.0         -41.2         -85.7           X         0.09 UAH         +0.0         +19.3         +17.2	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9           ti         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00         218.2	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00         218.2         N/A	N     52.85 PLN     -0.3     -2.6     +9.9     +39.9     13.26     1,056.5     1,495.3     58.8       N     1.57 PLN     +6.8     -9.2     +68.8     +145.3     0.39     5.9     69.2     34.4       ti     9.10 USD     -2.2     +1.0     -2.2     -9.9     9.10     961.6     2,214.5     22.3       N     1.60 PLN     +0.6     -13.5     +12.7     +3.2     0.40     12.5     129.7     20.0       rt     0.01 EUR     +0.0     -41.2     -85.7     -33.3     0.01     0.6     93.4     13.1       X     0.09 UAH     +0.0     +19.3     +17.2     -3.9     0.00     218.2     N/A     3.8	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0           ti         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00         218.2         N/A         3.8         8.3	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00         218.2         N/A         3.8         8.3         11.3	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4           th         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00         218.2         N/A         3.8         8.3         11.3         5.2	N       52.85 PLN       -0.3       -2.6       +9.9       +39.9       13.26       1,056.5       1,495.3       58.8       620.9       702.5       1,323.6       0.24         N       1.57 PLN       +6.8       -9.2       +68.8       +145.3       0.39       5.9       69.2       34.4       2.0       0.3       17.0       0.63         tit       9.10 USD       -2.2       +1.0       -2.2       -9.9       9.10       961.6       2,214.5       22.3       214.6       352.4       371.2       0.05         N       1.60 PLN       +0.6       -13.5       +12.7       +3.2       0.40       12.5       129.7       20.0       2.5       1.3       13.4       0.18         rt       0.01 EUR       +0.0       -41.2       -85.7       -33.3       0.01       0.6       93.4       13.1       0.1       0.0       0.1       0.23         X       0.09 UAH       +0.0       +19.3       +17.2       -3.9       0.00       218.2       N/A       3.8       8.3       11.3       5.2       0.06	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158           tit         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1         0.23         429           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00         218.2         N/A         3.8         8.3         11.3	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.           It         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.           NW         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.           It         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1         0.23         429         Neg.           X         0.09 UAH         +0.0         +19.3         +17.2         -3.9         0.00 <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A           tit         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         Neg.           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1         0.23         429         Neg.         N/A           X         0.09 UAH</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A           NU         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1         3.9           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         Neg.         Neg.           M         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1         0.23         429         Neg.</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1         3.9         4.8           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         Neg.         Neg.         9.4           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1</td> <td>N       52.85 PLN       -0.3       -2.6       +9.9       +39.9       +39.9       13.26       1,056.5       1,495.3       58.8       620.9       702.5       1,323.6       0.24       423       9.9       4.7       4.4       3.8       4.3         N       1.57 PLN       +6.8       -9.2       +68.8       +145.3       0.39       5.9       69.2       34.4       2.0       0.3       17.0       0.63       158       Neg.       N/A       N/A       6.9       N/A         tl       9.10 USD       -2.2       +9.9       9.10       961.6       2,214.5       22.3       214.6       352.4       371.2       0.05       2,078       Neg.       5.1       3.9       4.8       5.3         N       1.60 PLN       +0.6       -13.5       +12.7       +3.2       0.40       12.5       129.7       20.0       2.5       1.3       13.4       0.18       552       Neg.       Neg.       Neg.       9.4       14.2         rt       0.01 EUR       +0.0       -41.2       -85.7       -33.3       0.01       0.6       93.4       13.1       0.1       0.0       0.1       0.23       429       Neg.       N/A       N/A</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A           H         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         N/A         N/A         5.3         5.0           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         N/B.         N/A         N/A         N/A           M         -0.0 = 41.2         -85.7         -33.3         0.01         0.6</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A         2.1           H         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1         3.9         4.8         5.3         5.0         1.9           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         N/A         N/A         N/A         N/A         N/A         N/A         N/A         N/A</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6         0.7           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A         A.7         4.4         3.8         4.3         4.0         0.6         0.7           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6         0.7         0.6           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A&lt;</td> <td>N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         +39.9         13.26         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6         0.7         0.6         1.1           W         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A</td>	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A           tit         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         Neg.           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1         0.23         429         Neg.         N/A           X         0.09 UAH	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A           NU         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1         3.9           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         Neg.         Neg.           M         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1         0.0         0.1         0.23         429         Neg.	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9           tl         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1         3.9         4.8           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         Neg.         Neg.         9.4           rt         0.01 EUR         +0.0         -41.2         -85.7         -33.3         0.01         0.6         93.4         13.1         0.1	N       52.85 PLN       -0.3       -2.6       +9.9       +39.9       +39.9       13.26       1,056.5       1,495.3       58.8       620.9       702.5       1,323.6       0.24       423       9.9       4.7       4.4       3.8       4.3         N       1.57 PLN       +6.8       -9.2       +68.8       +145.3       0.39       5.9       69.2       34.4       2.0       0.3       17.0       0.63       158       Neg.       N/A       N/A       6.9       N/A         tl       9.10 USD       -2.2       +9.9       9.10       961.6       2,214.5       22.3       214.6       352.4       371.2       0.05       2,078       Neg.       5.1       3.9       4.8       5.3         N       1.60 PLN       +0.6       -13.5       +12.7       +3.2       0.40       12.5       129.7       20.0       2.5       1.3       13.4       0.18       552       Neg.       Neg.       Neg.       9.4       14.2         rt       0.01 EUR       +0.0       -41.2       -85.7       -33.3       0.01       0.6       93.4       13.1       0.1       0.0       0.1       0.23       429       Neg.       N/A       N/A	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A           H         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         N/A         N/A         5.3         5.0           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         N/B.         N/A         N/A         N/A           M         -0.0 = 41.2         -85.7         -33.3         0.01         0.6	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A         2.1           H         9.10 USD         -2.2         +1.0         -2.2         -9.9         9.10         961.6         2,214.5         22.3         214.6         352.4         371.2         0.05         2,078         Neg.         5.1         3.9         4.8         5.3         5.0         1.9           N         1.60 PLN         +0.6         -13.5         +12.7         +3.2         0.40         12.5         129.7         20.0         2.5         1.3         13.4         0.18         552         Neg.         N/A         N/A         N/A         N/A         N/A         N/A         N/A         N/A	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6         0.7           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A         A.7         4.4         3.8         4.3         4.0         0.6         0.7           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         +39.9         13.26         1,056.5         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6         0.7         0.6           N         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         N/A         N/A         6.9         N/A         N/A<	N         52.85 PLN         -0.3         -2.6         +9.9         +39.9         +39.9         13.26         1,495.3         58.8         620.9         702.5         1,323.6         0.24         423         9.9         4.7         4.4         3.8         4.3         4.0         0.6         0.7         0.6         1.1           W         1.57 PLN         +6.8         -9.2         +68.8         +145.3         0.39         5.9         69.2         34.4         2.0         0.3         17.0         0.63         158         Neg.         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**

#### Resilience in the wake of Brexit

Following last week's calamitous Brexit decision, Ukraine's FX market has been relatively calm. We believe that this is the result of a combination of factors, including the ongoing tight capital controls implemented by Ukrainian authorities to prevent a run on the currency, which are supported by continued high interest rates for UAH financial instruments purchased by banks and other market players to park their liquidity. Importantly, the reaction to the Brexit of the EM FX, which saw the Turkish lira and Russian ruble staying relatively steady despite the appreciation of the US dollar, was muted. Ukraine's currency has been quite resilient as the hryvnia's FX rate fell just 0.10% over the past week with the real trade-weighted index was up 0.29%. However, the Brexit is just one element of a wider issue of subdued growth rates globally. Austerity measures adopted by authorities in the UK and the Eurozone put the entire region at risk of a low-growth environment and foment growing public discontent over economic conditions. The resulting low inflation over time could undermine the FX rates of EM nations that trade extensively with the EU (namely Russia and Turkey, among many others).

Alexander Valchyshen, Kiev, +38044 2200120 ext.242

#### ICU's UAH trade-weighted indices

(Last 12-month history to 30 Jun 2016)



Source: Investment Capital Ukraine LLC.

### FX market indicators (as of 29 Jun 2016)

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

USD/UAH	MARKET (H	RYVNIA pe	r US DOLI	LAR)	
Spot mkt	24.9200	+0.13	+0.10	-0.86	+3.71
NBU avg	24.8544	-0.08	-0.18	-1.12	+4.47
Ttl vlm <sup>1</sup>	313.94	-10.36	+6.08	+12.85	-13.58
\$ volume <sup>2</sup>	198.51	-13.10	-7.88	-3.86	-20.93
NDF 3M	26.1700	+0.00	+0.10	-0.87	+0.00
NDF 6M	27.4700	+0.12	+0.09	-0.78	-0.21
NDF 1Y	28.9700	+0.11	+0.09	-0.74	+13.62
TRADE-W	EIGHTED IN	DICES (TV	VIs, points	)	
UAH nom'l	26.880	-0.61	+0.29	+0.27	-6.00
UAH real CP	92.519	-0.61	+0.29	+0.27	-5.57
UAH real PPI	124.791	-0.61	+0.29	+0.27	-4.29
USD nom'l	95.769	-0.49	+2.19	+0.50	-2.90
FX RATES	OF KEY CU	RRENCIES	S THAT SH	IAPE UAH	's TWIs
USD/RUB	63.7187	-1.00	-1.71	-3.46	-12.14
EUR/USD	1.1125	+0.54	-1.51	-0.45	+2.42
USD/CNY	6.6368	-0.17	+0.89	+1.16	+2.20
USD/PLN	3.9728	-0.58	+2.66	+0.90	+1.27
USD/TRY	2.8900	-0.50	-0.11	-1.81	-0.93
USD/BYR	20,041.00	-0.15	+1.32	+1.77	+7.59
USD/KZT	339.2500	+0.07	+1.34	+0.81	-0.40
OTHER MA	AJOR CURR	ENCIES			
USD/JPY	102.8300	+0.08	-1.51	-6.21	-14.47
GBP/USD	1.3429	+0.64	-8.69	-8.37	-8.87
USD/CHF	0.9797	-0.22	+2.21	-1.08	-2.24
AUD/USD	0.7451	+0.88	-0.67	+3.20	+2.26

Readers may follow the ICU trade-weighted indices of the local-currency, the hryvnia (UAH), on the ICU <u>website</u> 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.

+4.24

+0.00

-0.84

+8.23

+0.00

+0.14

+0.00

+24.27

+34.67

+36.17

+0.00

+0.45

+4.16

+2.99

+0.00

Sources: Bloomberg, Investment Capital Ukraine LLC.

USD/CAD

USD/BRI

USD/KRW 1.160.04

COMMIDITIES
Gold(\$/oz) 1,319.02

WTI crude3

Brent crd3

Urals crd3

TR/J CRB4

1.2935

3.2206

49.88

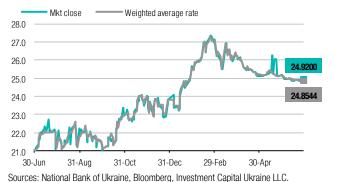
48.68

194.64



# 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)

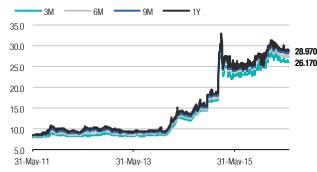




Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

### 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.

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



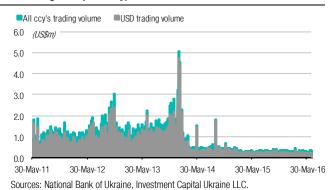


Chart 12. 30D MA\* ratio of FX market turnover to merchandise trade: last 12m and 5yr periods (%, left and right respectively)





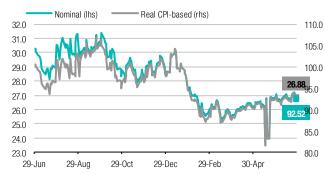
Note: \*30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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

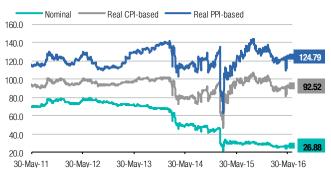
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <a href="http://www.icu.ua/en/research/currency-indices">http://www.icu.ua/en/research/currency-indices</a>).

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

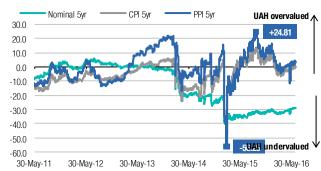


Note: The boxes indicate the last values of the depicted indicators. Source: Investment Capital Ukraine LLC.

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)

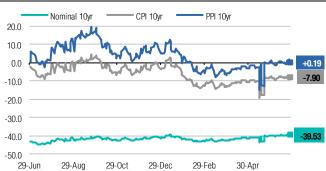


Note: The boxes indicate the last values of the depicted indicators Source: Investment Capital Ukraine LLC.



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.

30 June 2016



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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**

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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