

Market Comment | Encouraging US economic data fuelled upward trend in US sovereign yields

Global Financial Markets Unit 15 Feb 2017

- A barrage of positive economic data in the US bolstered optimism and reinforced the upbeat mood in markets caused by yesterday's speech by Janet Yellen. US core inflation (see) and retail sales (see) beat expectations in January. These encouraging economic data along with investors' perception of ☐ Yellen's speech as hawkish (see), significantly pushed up implied probabilities of a rate hike by the Fed in March. As a result, both US treasury yields and the USD continued their recent upward trend, reaching one-month highs.
- In line with this encouraging economic outlook, European sovereign bond yields also followed the path
 of US Treasuries, indicating an optimistic view of global economic growth that also supports equity prices
 especially the banking sector-.
- Oil prices showed high volatility, coinciding with today's US crude oil inventories data, which showed a significant increase. This factor, along with a stronger dollar, led some EM currencies to slighlty appreciate (RUB, TRY, MXN).

Update 18 CET 15 February, 2017 Table 1



Debt market	s (10Y, %, ch	anges in t	pp)		
Developed Markets US (2-yr)	1.25	Daily 1.2	Week 10.6	Month 5	YTD 3
US GER (2-yr) Germany	2.50 -0.79	2.5 0.6	15.9 0.0	10 -5	-2
France	0.37 1.06 1.68	0.8 0.4 1.6	7.8 4.9 -1.3	5 25 25	10 25 25
Spain Italy Portugal	2.24	0.9	-0.4	33 23	37 19
Greece Japan (2-yr)	7.76	4.5 20.8	-2.8 2.8	75 -1	88
Japan Emerging Markets	-0.24 0.09 level	-2.6 -0.7 Daily	-2.0 3.8 Weekly	3 Monthly	3 YTD
Brazil Chile	10.34 4.16	-1.6 0.0	-5.8 -2.5	-67 -2	-108 -17
Colombia Mexico	6.84 7.40	0.8 6.4	14.3 7.1	-22	-25 -24
Peru Poland	6.14 3.89	-1.7 2.3	-2.0 12.5	-5 26	-33 18
Russia Turkey	8.25 10.69	-2.0 9.0	2.6 6.0	-44	-20 -31
India Indonesia	6.86 7.55	-1.3 0.0	12.3 0.3	42 3	48 -29
Developed Markets	isk (bp. chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	68	-0.4	-2.9	20	15
Italy Portugal	187 371	0.1 3.7	-8.2 -10.6	28 18	28 9
Spain 2-yr so vereign spread vs Germany	131	8.0	-9.1	20	15
France Italy	28 76	-0.7 -1.2	3.8	11	18 15
Portugal Spain	82 52	-2.2 0.2	-1.0 -2.4 2.0	-12 6	1 4
Emerging Markets 5-yr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil Chile	212 76	-1	-26 -3	-35 -6	-60 -7
Colombia	136 143	0	-8 -14	-14	-27
Mexico Peru	98	0	-7	-25 -6 -408	-13 -10
Venezuela Poland	3,417 67	133 -1	18 -4	-3	-489 -8
Russia Turkey	164 234	-1 -4	-13 -20	-16 -46	-13 -38
China India	98 108	-1 -2	-9 -4	-15 -10	-19 -19
	132 isk indicators		-12	-19	-24
Volatilty indicators (%) VIX	level 12	Daily 9.9	Weekly 3	Monthly 5	YTD 0
VSTOXX EM EFT volatility Index	15 16	0.2	-13 -8	-5 -13	-2 -22
Dollar/euro volatility EM FX volatility index	8	-0.9 -2.3	-1 -5	-20 -11	-25 -11
EM FX Volatility index Credit spread (BAA) (bps) US bonds volatility index	219 67	-2.5 -2.3	-7 -2	-11 -2 -10	-9 -12
Banking 5 y CDS (bps) *	level		Weekly	Monthly	YTD
US EZ	66 113	0.3 -0.8	-1 -4	-6 5	-5 5
UK Large Spanish	83 112	-0.3 0.7	-1	-8 -5	-7 -5
Medium Spanish Corporate 5y CDS (bps) *	155 level	-0.4 Daily	-2 Weekly	1 Monthly	4 YTD
US Non-financial EZ Non-financial	142 100	0.3 -0.8	-1 -4	-6 5	-5 5
UK Non-financial Interbank m	113 arkets (%, che	-1.5 anges in by	-4 o)	-10	-11
EONIA Index	level -0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	9TD 0.0
Euribor 3m Euribor 12m	-0.33 -0.10	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.04	0.00	0.0	0.0	0.0
EZTED spread 3m	55.7	3.20	7.8	-4.7	-10.7
	ck markets (Marada.	YTD
Main indices			Weekly		
	2.341	0.2 0.3	2.0 2.6	3	3
S&P500 Dow Jones Nikkel	20,574 19,438	0.2 0.3 1.0	2.0 2.6 2.3	3	3 3 -1
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	20,574 19,438 7,302 3,324	0.2 0.3 1.0 0.5 0.4	2.0 2.6 2.3 1.6 2.6	3 2 0	3 -1 2 0
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBBEX DAX	20,574 19,438 7,302 3,324 9,584 11,794	0.2 0.3 1.0 0.5 0.4 0.8 0.2	2.0 2.6 2.3 1.6 2.6 2.7 2.2	3 2 0 1 2	3 3 -1 2 0 1 2
SAP500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5	3 2 0 1 2 2 1	3 3 -1 2 0 1 2 1 -3
S&P500 Dow Jones Nédel FTSE 100 EuroStoux 50 IBEX DAX CAC MIB MB MB MB ASE Athens	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6	3 2 0 1 2 2 1 -1 -3 4	3 3 -1 2 0 1 2 1 -3 -5 6
S&PS00 Down Jones Nikkel FISE 100 EuroStoux 50 BIBCX DAX CAC MAC MICHAELER BOYCHER BOY	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2	3 2 0 1 2 2 2 1 -1 -3 4 6	3 3 -1 2 0 1 2 1 -3 -5 6 10 2
\$40900 Dow Jones Nikkel FFSE 100 EuroStoux 50 EECX DAX CAC MAIC MINE MINES MSC Latem Boverage Glazz Mod MSC Latem Mod MSC Latem MSC MSC Mines MSC	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 0.5	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 4.9 4.8	3 2 0 1 2 2 1 -1 -3 4 6 4 0 8	3 3 -1 2 0 1 2 1 -3 -5 6 10 2 -1 9
\$46900 Dow Jones Nötel TFIST TIO EuroSioux 50 DAX CAC CAC MISS MISS Listem Dovessa Genz Holovessa Missa Missa Missa Holovessa Genz Holovessa Genz Holovessa Missa Holovessa Genz Holovessa	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 2.4 -0.4	3 2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8	3 3 -1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15
SAEPSOO Down Jones Niked TSE 100 DOWN JONES DOWN SO BEX DOX CAC MSK Allems Blowreps (BoxE) ModOd ModOd ModOd ModOd ModOd ModOd Mod Mala* Stempte (Chia) Stempte (Chia)	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 0.5 -0.2 -0.2 -0.2 -0.2	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 4.9 4.8 2.4 4.0.4	3 2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4	3 3 -1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6
SAEPSO Down Jones Niked 175 E 100 S Niked 175 E 100 S Niked 185 A DAX CAC AC	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213 5,381 1,692	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 -0.5 1.3 0.1 -0.5 0.2 -0.2 -0.4 -0.2 -0.5 -0.2 -0.2 -0.4 -0.5	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 -2.4 -0.4 1.0 0.0 Weekly	3 2 0 1 1 2 2 1 1 -1 -3 4 6 4 4 0 8 8 -2 8 3 4 4 2 Monthly	3 3 -1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6 2
SAPPSO Down Jones Niked 175 E 100 S Niked 175 E 100 S Niked 185 A	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,5368 47,438 4,992 2,184 2,137 3,213 3,213 1,247 1	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.2 -0.4 -0.2 -0.5 -0.3 -0.5	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.6 4.2 1.1 0.9 4.8 -2.4 -0.4 1.0 0.0 Weekly 6.9 5.1	3 2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4	3 3 -1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6
SAPPSO Down Jones Niked 17-15-1100 Down Jones Niked 17-15-1100 DAX CAC CAC MASS JOHN MASS Latam MAS	20,574 19,438 7,302 3,224 9,584 11,794 4,925 19,056 626 77,366 67,588 4,992 2,184 2,137 3,213 5,381 level 124,7 90,4 60,5	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.5 -0.2 -0.4 -0.2 -0.4 -0.2 -0.5 -0.2 -0.4 -0.2 -0.5 -0.2 -0.4 -0.5	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 -0.9 4.8 -2.4 -0.4 1.0 1.5 0.0 Weekly 6.9 5.1 7.4 8.4	3 2 0 1 2 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4 4 4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 3 -1 2 0 1 2 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6 2 YTD 4 4 -1 7
SAEPSO Down Jones Noted Noted Noted Noted Noted Noted Down Jones D	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 4,992 2,184 2,137 87,882 737 3,213 5,381 evel 124,7 90,4 60,5 24,6 46,5 251,2	0.2 0.3 1.0 0.5 0.4 0.2 0.6 0.7 -1.1 -0.5 0.5 -0.2 -0.2 -0.2 -0.4 -0.2 -0.4 -0.2 -0.5 -0.4 -0.2 -0.5 -0.4 -0.2 -0.5 -0.7 -1.1 -0.5 -0.5 -0.7 -1.1 -0.5 -0.5 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.	2.0 2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.5 2.6 4.2 1.1 0.9 4.8 -2.4 -0.4 1.0 1.5 0.0 Weekly 6.9 5.1 7.4 8.4 6.0 5.6	3 2 0 1 2 2 1 1 -1 3 4 4 6 4 4 0 0 8 3 4 4 2 2 Monthly 4 4 1 7 7 6 6 3	3 3 4 2 0 1 1 2 1 3 -5 6 6 10 2 -1 9 -6 6 2 2 YTD 4 4 4 4 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Niked	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 4,992 2,184 2,137 3,213 3,213 1,213 1,214 60,5 24,6 460,5 24,6 460,5 251,2 99,6	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.0 0.7 1.1 1.3 0.1 0.5 0.5 0.2 0.4 0.2 0.4 0.2 0.3 0.4 0.5 0.2 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0 2.6 2.3 1.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 2.4 0.4 1.0 1.5 0.0 0 Weekly 6.9 5.1 8.4 6.0 5.6 3.8	3 2 0 1 2 2 2 1 -1 -3 4 6 4 0 8 8 -2 8 3 4 2 2 Monthly 4 4 4 1 7 6 6 4 4 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3 3 4 2 0 1 1 2 1 1 -3 -5 6 6 10 2 4 1 9 -6 6 2 2 2 YTD 4 4 4 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Niked	20,574 19,438 7,302 3,224 9,584 11,794 4,925 19,056 626 67,586 47,438 4,992 2,184 2,137 3,213 5,381 evel 124,7 90,4 60,5 24,6 46,5 251,2 99,6 57,5 12,3 18,9	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.3 0.1 0.5 0.5 0.2 0.2 0.2 0.2 0.5 0.9 1.1 1.0 7 1.1 1.0 7 1.1 1.0 7 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.0 2.6 2.3 1.6 2.6 2.7 2.2 2.5 2.6 4.2 2.5 2.6 4.2 4.0 4.0 4.0 1.5 6.9 6.9 6.9 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	3 2 0 1 1 2 2 1 1 -1 3 4 6 6 4 4 0 8 8 2 2 8 8 3 4 2 2 2 1 1 7 7 6 6 3 -3 -3 -6 -1 7 7	3 3 4 1 2 0 1 1 2 1 1 3 -5 6 6 10 2 1 1 9 6 6 6 2 2 7 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Nikot Nikot Nikot SPE 100 DOWN JONES BEX DOX CAC MISC ALBAN	20,574 19,438 7,302 3,224 9,584 11,794 4,925 19,056 626 67,586 47,438 4,992 2,184 2,137 3,213 5,381 1,244 60,5 24,6 46,5 251,2 99,6 57,5 12,3 18,9 13,7 2,2	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 0.2 0.2 0.2 0.2 0.2 0.3 1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0 2.6 2.3 1.6 2.6 2.7 2.2 2.5 2.6 4.2 2.5 2.6 4.2 2.4 0.4 0.1 5.6 9.9 Weekly 6.9 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	3 2 2 0 1 1 2 2 1 1 -1 -1 -3 4 4 0 8 8 -2 8 3 4 4 2 2 Monthly 4 4 4 1 1 7 6 3 -3 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 3 4 1 2 0 0 1 1 2 1 1 3 3 5 6 6 1 1 5 6 6 2 2 1 1 7 7 7 3 3 6 6 8 0 3 3 4 1 1 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Niked	20,574 19,438 7,302 3,324 9,584 11,794 4,925 11,794 4,925 19,056 626 67,588 4,992 2,184 2,137 87,882 737 3,213 5,381 1evel 124,7 90,6 46,5 251,2 99,6 57,5 12,3 18,9 13,7 2,2 43,7 2,2 43,7	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.3 0.1 0.5 0.2 0.2 0.4 0.2 0.5 0.2 0.2 0.4 0.5 0.2 0.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.9 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.0 2.6 2.6 2.7 2.2 2.3 3.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 4.2 1.0 1.5 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	3 2 0 0 1 2 2 2 1 1 -1 3 4 6 6 4 4 0 8 8 -2 8 3 4 4 2 2 Monthly 4 4 1 1 7 6 6 3 -3 -6 6 -1 7 2 2 -1 10 5 -2 2	3 3 3 -1 1 2 0 0 1 1 2 2 0 0 1 1 -3 -5 -6 6 10 0 2 -1 1 15 6 6 2 2 2 1 1 7 7 7 3 3 -6 6 8 0 0 3 3 -1 -1 14 9 -8 8
SAPPSO Down Jones Niked	20,574 19,438 7,302 3,224 9,584 11,794 4,925 11,794 4,925 19,056 626 67,588 47,438 47,438 47,438 47,438 12,137 37,13,213 18,91 124,7 90,4 60,5 251,2 99,6 57,5 12,3 18,9 13,7 2,2 43,7	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 0.5 0.5 0.2 0.5 0.2 0.5 0.2 0.2 0.5 0.2 0.7 1.1 1.3 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0 2.6 2.3 1.6 2.7 2.5 2.5 2.6 4.2 1.1 0.9 9 2.4 4.8 4.8 0.4 1.0 0.0 4 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3 2 0 0 1 2 2 2 1 -1 -3 4 4 6 4 9 0 8 3 4 4 2 2 8 4 4 1 1 7 7 6 6 3 -3 -6 6 -1 7 7 2 1 0 -5 5	3 3 3 -1 1 2 0 0 1 1 2 1 1 3 -5 -5 6 0 1 2 1 1 5 6 6 2 2 2 1 1 1 5 6 6 2 2 2 1 1 1 5 6 6 8 0 3 3 -1 1 1 4 9 -8 8 4 4
SAPPOO Down Jones Noted SEE 100 SEE 10	20,574 19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,588 4,992 2,184 2,137 3,213 5,381 1,401 1,4	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 0.5 0.5 0.2 0.2 0.6 0.2 0.2 0.2 0.3 1.3 0.1 1.1 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0 2.6 2.3 1.6 2.6 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.5 2.6 4.2 2.4 4.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3 2 2 0 1 1 2 2 2 1 1 -1 -1 -3 4 4 6 6 4 4 0 8 8 2 8 8 3 4 4 2 2 8 8 3 4 4 2 1 7 7 6 6 3 -3 -6 6 -1 7 7 2 -1 -1 0 -5 -5 -2 6 6	3 3 -1 2 0 0 1 1 2 1 1 3 -5 6 6 1 10 2 1 1 5 6 6 2 2 2 1 1 5 6 6 8 0 3 3 -1 1 1 1 4 4 5 5 5
SAEPSOO Down Jones Niked	20,574 19,438 7,302 3,324 9,584 11,794 4,828 77,366 67,588 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 47,438 48,738	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.0 0.5 0.2 0.2 0.6 0.5 0.1 0.5 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.1 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2.0 2.3 1.6 2.6 2.7 2.7 2.2 3.3 3.5 2.5 2.5 2.5 2.6 4.2 2.1 1.1 0.9 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	3 2 2 0 1 1 2 2 2 1 1 -1 3 4 4 6 4 9 8 8 2 8 8 3 4 4 4 4 4 1 1 7 6 6 3 -3 -6 6 -1 7 2 2 -10 6 6 4 4 1 4	3 3 -1 1 2 0 0 1 1 2 1 1 3 -5 6 6 10 0 2 -1 1 9 6 6 15 6 6 2 2 2 YTD 4 4 4 -1 1 7 7 7 3 -6 8 0 0 3 -1 1 4 5 5 5 2 2 4
SAPPSO Down Jones Noted	20.574 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 0.2 0.6 0.7 1.1 0.5 0.2 0.6 0.7 1.3 0.9 0.2 0.6 0.5 1.3 0.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.0 2.3 1.6 2.6 2.7 2.7 2.2 3.3 3.5 2.5 2.5 2.5 2.6 4.2 2.1 1.1 0.9 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	3 2 2 2 1 1 -1 3 3 4 6 6 4 9 2 8 8 3 4 4 4 1 7 7 6 6 3 3 -3 6 6 -1 1 7 7 2 2 1 10 5 5 2 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 -1 1 2 0 1 1 2 1 1 3 -5 6 6 10 0 2 -1 1 9 6 6 15 6 6 2 2 2 YID 4 4 4 -1 1 7 7 7 3 3 -6 8 8 0 3 -1 1 1 4 5 5 5 2 2 4 1 1 2
SAPPOO Down Jones Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones Down J	20.574 7.007	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 0.1 0.5 0.2 0.2 0.4 0.2 0.2 0.2 0.3 0.9 0.9 1.1 1.1 0.5 0.5 0.2 0.2 0.6 0.6 0.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	2.0. 2.6. 2.3. 1.6. 2.6. 2.7. 2.2. 2.7. 2.2. 2.3. 3.1.5. 2.5. 2.6. 4.2. 1.1. 0.9. 4.8. 4.2. 4.2. 4.0. 4.0. 4.0. 6.0. 6.0. 8.6. 8.7. 9.9. 9.9. 9.9. 9.9. 9.9. 9.9. 9.9	3 2 2 2 1 1 -1 3 4 4 6 4 4 0 8 8 3 4 4 4 1 7 7 6 6 3 3 -3 4 6 -1 1 7 7 6 6 1 1 1 0 5 5 6 6 4 4 4 4 4 4 4 5 5 2	3 3 41 1 2 0 1 1 2 1 1 3 3 5 6 6 6 10 0 2 2 1 1 1 3 3 5 6 6 6 10 0 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Niked	70.574 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.	0.2 0.3 1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 1.3 0.5 0.2 0.1 1.0 0.5 0.2 0.2 0.2 0.2 0.3 0.9 1.1 1.3 0.9 1.1 1.3 0.9 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.0 2.6 2.3 1.6 2.6 2.7 2.2 2.7 2.2 2.5 2.6 4.2 1.1 2.5 2.6 4.2 1.1 2.5 2.6 4.2 2.4 4.2 2.4 4.2 2.6 4.2 2.4 4.	3 2 2 2 2 2 2 2 2 3 4 4 4 4 4 4 4 4 4 4	3 3 4 1 2 0 1 1 2 1 1 3 3 5 5 6 6 10 0 2 4 1 1 5 6 6 2 2 2 1 1 1 4 4 5 5 5 2 2 4 1 1 2 4 1 1 4 4 1 1 4 1 4 1 4 1 1 4 1 4
SAPPSO Down Jones Niked	70.574 70.574 70.574 70.576 70	0.2 0.3 1.0 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.6 0.6 0.7 0.5 0.5 0.6 0.6 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6 2.3 1.6 2.6 2.7 2.2 2.7 2.2 2.3 3.3 1.5 2.6 2.6 4.2 4.1 1.1 1.5 0.0 4.1 1.5 0.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	3 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 1 2 0 0 1 1 2 1 1 3 5 6 6 10 2 1 1 9 6 6 15 6 6 2 2 YYD 4 4 4 1 7 7 7 7 3 3 6 6 8 8 0 3 3 4 1 1 1 4 4 5 5 5 2 4 4 1 1 2 4 1 1 4 4 1 1 4 8 8 2 2
SAPPSO Down Jones Niked	20.574 (19.438) 19.438) 19.438) 19.438) 19.438) 19.438) 19.56 (19.56) 19.5	0.2 0.3 1.0 0.5 0.4 0.5 0.5 0.4 0.2 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6 2.3 1.6 2.6 2.7 2.2 2.7 2.2 3.3 1.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	3 2 2 0 1 1 2 2 1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 1 2 0 0 1 1 2 1 1 3 5 6 6 1 1 0 2 1 1 9 4 6 1 1 5 6 6 2 2 YTD 4 4 4 4 1 7 7 7 3 3 6 6 8 4 4 9 8 4 4 5 5 5 2 4 1 1 2 2 4 1 1 4 4 1 1 4 8 8
SAPPSO Down Jones Nikote Nikot	20.574 (20.50)	0.2 0.3 1.0 0.5 0.4 0.6 0.6 0.7 1.1 0.5 0.5 0.2 0.2 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6 2.3 1.6 2.6 2.7 2.1 2.7 2.1 2.7 2.1 2.7 2.1 2.7 2.1 2.1 2.6 4.2 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2	3 2 2 0 1 1 2 2 1 1 -1 -3 4 4 6 4 4 0 8 8 2 2 8 3 3 4 2 2 Monthly 4 4 1 7 7 6 6 3 -3 -6 6 -1 10 6 5 5 2 6 6 4 4 4 4 4 4 4 4 4 4 5 5 2 3 7 7 13 1 1 -2 2 2 Monthly 10 0.0 0.0 Monthly 10 0.0 1 10 0.0 1 10 0.0 1 10 0.0 10 0.0 1 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 10 0.0 1	3 3 4 1 2 2 0 1 1 2 1 1 3 3 5 6 6 6 1 5 5 6 6 2 2 2 1 1 7 7 7 7 3 3 6 8 8 4 4 4 4 4 1 5 5 5 5 5 5 5 2 2 4 1 1 2 2 2 2 1 1 1 4 4 8 8 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAEPSOO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Noted Down Jones Noted N	20.574 (20.52)	0.2 0.3 1.0 0.5 0.4 0.5 0.5 0.6 0.7 0.5 0.5 0.6 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0, 2.6, 2.3, 1.6, 2.6, 2.7, 2.2, 2.3, 2.6, 4.2, 2.6, 2	3 2 2 0 1 1 2 2 2 1 1 -1 3 3 4 4 6 6 4 7 2 2 8 8 3 4 4 2 2 4 1 1 7 6 6 3 3 -3 6 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 2 2 0 1 1 2 2 1 1 3 3 5 6 6 6 1 5 5 6 6 1 5 6 6 2 2 2 7 1 1 2 3 6 6 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Down Jones Noted Note	20.574 (20.574	0.2 0.5 0.4 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.3. 1.6. 2.6. 2.3. 3.1. 2.6. 3.2. 3.2. 3.2. 3.2. 3.5. 2.5. 2.5. 3.6. 4.2. 4.2. 4.2. 4.2. 4.2. 4.2. 4.2. 4	3 2 2 0 1 1 2 2 2 1 1 -1 3 3 4 4 6 6 4 7 1 3 3 6 6 1 1 7 7 2 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 2 2 0 0 1 1 2 1 3 3 4 5 6 6 10 0 2 4 4 4 4 1 1 1 3 3 4 6 6 8 0 3 3 4 1 4 4 1 1 1 4 4 1 8 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Not	20.574 (19.438) 19.438) 19.438) 19.438) 19.438) 19.438) 19.56 (19.438)	0.2 0.5 0.4 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6. 2.3 3.3 1.5 1.5 2.5 1.5 2.5 1.5 2.6 4.2 1.1 1.9 0.9 1.5 1.5 1.5 2.6 6.4 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	3 2 2 0 1 1 2 2 1 1 3 3 4 6 6 4 4 0 8 2 2 8 8 3 4 4 4 1 7 7 6 6 3 3 -3 6 6 1 -1 1 7 7 2 2 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 2 0 0 1 1 2 1 3 3 5 5 6 6 10 0 2 4 4 4 4 1 1 1 3 3 6 6 8 0 0 3 3 1 1 4 4 5 5 5 2 4 1 1 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted DAX CAC CAC MIEX DAX CAC CAC MISSING MISCI Allam * Ibbovepa (Ranzo) Modol Medol Modol Modo	20.574 (20.574	0.2 0.3 1.0 0.5 0.4 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6. 2.3. 1.6. 2.6. 2.6. 2.7. 2.6. 2.7. 2.7. 2.7. 2	3 2 2 0 1 1 2 2 2 1 1 3 3 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3 3 4 1 2 2 0 1 1 2 2 1 1 3 3 5 6 6 10 0 2 1 1 1 5 6 6 6 10 0 2 2 2 1 1 1 5 6 6 6 10 0 3 3 4 4 4 1 7 7 7 3 3 6 6 6 4 1 1 2 1 4 4 1 1 1 4 8 2 2 7 7 1 1 1 1 3 8 2 2 7 7 1 1 1 1 1 3 2 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted	20.574 (20.574	0.2 0.3 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.0. 2.6 2.3 2.6 2.7 2.7 2.2 2.3 3.3 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	3 2 2 0 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 1 2 0 1 1 2 2 1 1 1 3 3 5 6 6 100 2 2 1 1 1 1 5 6 6 100 3 4 1 1 1 2 2 2 1 1 1 1 2 3 1 6 6 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Down	20.574 (20.50)	0.2 0.3 1.0 0.5 0.5 0.6 0.7 1.1 1.3 1.0 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	2.0. 2.3. 2.6. 2.3. 2.6. 2.7. 2.2. 3.3. 2.5. 2.5. 2.5. 2.5. 2.5. 2.5	3 2 2 0 1 1 2 2 2 1 1 1 -1 -1 -3 4 6 6 4 9 8 8 3 4 2 2 8 8 7 7 1 1 7 7 6 6 3 3 3 4 2 2 7 1 1 1 7 7 6 6 1 7 7 2 1 1 1 7 7 6 7 7 2 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	3 3 3 1 1 2 0 0 1 1 2 1 1 3 3 5 6 6 1 10 2 2 1 1 1 1 5 6 6 1 10 2 2 2 YTO 4 4 4 4 5 5 2 2 4 1 1 1 2 1 1 1 1 4 4 5 5 5 2 2 4 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Wheel	20.574 (20.50)	0.2 0.3 1.0 0.5 0.5 0.6 0.6 0.7 1.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.3. 2.6. 2.3. 2.6. 2.7. 2.2. 3.3. 3.5. 2.5. 2.5. 2.5. 2.5. 2.5	3 2 2 0 1 1 2 2 2 1 1 1 1 1 1 3 4 6 6 4 4 0 8 8 2 8 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 3 1 1 2 2 0 1 1 2 1 1 3 3 5 6 6 6 2 2 2 2 2 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Word	20.574 (20.574	0.2 0.3 1.0 0.3 1.0 0.3 1.0 0.8 0.8 0.8 0.2 0.6 0.7 1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6 2.3 3.3 2.9 2.9 2.1 1.5 2.2 2.3 3.3 2.9 2.9 2.1 1.5 2.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	3 2 2 0 1 1 2 2 1 1 1 1 3 3 4 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 2 0 0 1 1 2 1 1 3 3 5 6 6 1 10 0 2 1 1 3 3 6 5 6 6 1 10 0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAEPSO Dove Jones IRRed	20.574 (20.50)	0.2 0.3 1.0 0.3 1.0 0.8 0.8 0.8 0.2 0.6 0.7 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.5 0.5 0.5 0.6 0.7 1.3 0.1 1.3 0.1 1.3 0.5 0.5 0.5 0.5 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2.0. 2.6. 2.6. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.7. 2.6. 2.6	3 2 2 0 1 1 2 2 1 1 1 1 3 4 6 6 4 4 4 4 4 4 4 4 5 5 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1	3 3 3 1 1 2 2 0 1 1 3 3 5 5 1 6 6 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted	20.574 (20.50)	0.2	2.0. 2.6 2.6 2.7 2.6 2.6 2.7 2.7 2.2 2.3 3.3 5.2 2.6 2.7 2.7 2.5 2.6 2.7 2.7 2.5 2.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 2 2 0 1 1 2 2 2 2 1 1 1 3 3 4 4 4 4 4 5 2 6 4 4 4 4 4 4 5 5 2 6 6 4 4 4 4 4 4 4 5 5 2 6 6 4 4 4 4 4 4 5 5 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 3 -1 2 0 1 1 2 1 1 3 3 5 5 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	20.574 (20.50)	0.2 0.3 1.0 0.3 1.0 0.3 1.0 0.4 0.8 0.8 0.2 0.6 0.7 0.5 0.7 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	2.0. 2.2. 2.3. 2.6. 2.7. 2.7. 2.2. 2.3. 2.5. 2.6. 2.7. 2.7. 2.6. 2.7. 2.7. 2.6. 2.7. 2.7	3 2 2 0 1 1 2 2 1 1 1 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 -1 1 2 2 2 2 1 1 2 3 3 5 6 6 9 9 9 6 9 9 9 9 9 9 9 9 9 9 9 9 9
SAPPOO Down Jones Noted Noted Noted Noted Noted Noted Noted Noted Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	20.574 (20.50)	0.2 0.3 1.0 0.3 1.0 0.3 1.0 0.4 0.8 0.2 0.6 0.7 1.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 1.3 1.0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.0. 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.	3 2 2 0 1 2 2 1 1 1 3 3 4 4 4 9 5 2 2 8 2 2 1 1 7 7 2 1 1 1 1 1 2 1 1 1 1 1 1 1	3 3 4 1 1 2 2 0 1 1 3 3 5 6 6 1 0 2 2 1 1 3 3 6 6 1 0 1 2 1 1 7 7 7 7 7 3 4 4 4 4 1 7 7 7 7 3 3 6 6 8 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Noted Down Jones Down	20.574 10.438 17.3024 11.704 1	0.2 0.3 1.0 0.3 1.0 0.4 0.8 0.8 0.2 0.6 0.7 1.3 0.5 0.7 1.3 0.1 1.3 0.1 1.3 0.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	2.0. 2.6 2.6 2.6 2.7 2.7 2.5 2.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 2 2 0 1 1 2 2 2 2 1 1 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 2 2 1 1 3 3 6 6 1 0 2 2 1 1 3 3 6 6 1 0 1 2 1 1 1 3 1 6 6 2 2 2 1 1 1 3 1 2 1 1 1 1 1 1 1 1 1 1 1
SAEPSOO Down Jones Noted	20.574 (20.50)	0.2 0.3 1.5 0.4 0.8 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.0. 2.6. 2.7. 2.7	3 2 2 0 1 1 2 2 2 2 1 1 1 3 3 4 4 4 4 4 4 5 5 2 6 6 4 4 4 4 4 4 4 5 5 2 6 6 6 7 3 6 7 3 1 3 1 1 2 2 2 1 1 1 3 3 3 5 6 6 6 6 6 6 6 7 6 7 7 7 7 7 7 7 7 7 7	3 3 -1 1 2 2 1 1 3 3 -6 6 10 2 2 1 1 1 3 -6 8 0 0 3 3 -1 1 1 1 4 4 4 1 7 7 7 7 7 7 3 3 6 8 0 0 3 3 -1 1 1 1 4 4 5 5 5 2 2 4 5 1 1 1 1 1 4 5 5 5 2 2 5 5 3 3 1 1 2 2 2 2 2 2 2 2 2 3 3 5 5 5 5 2 5 5 5 5





	Developed Markets	(10Y, %, ct level	anges in t Daily	Week	Month	YTD
GRI CAPY) GRI CAPY Free Propose	US (2-yr) US	1.25	1.2 2.5	10.6 15.9		3 6
Fame	GER (2-yr)	-0.79	0.6	0.0	-5	-2
Separation 1968 1969	France	1.06	0.4	4.9	25	25
Persigner 1909 2019 2	Spain Italy	1.68	1.6	-1.3 -0.4	25 33	25 37
SpenChy 9,24	Portugal	4.09	4.5	-2.8		19
Camprig Markest Marke	Japan (2-yr)	-0.24	-2.6	2.8 -2.0		
Part	Japan Emerging Markets	0.09	-0.7 Daily	3.8 Weekly	3 Monthly	3 VTD
Cockenthis G.644	Brazil		-1.6	-5.8	-67	-108
Mexico 7,40 6,4 7,1 2,2 2,2 Mexico 6,10 7,3 2,2 2,3 Mexico 6,10 7,3 2,2 2,3 Mexico 6,10 7,3 2,3 2,3 Mexico 7,0 7,0 7,0 7,0 7,0 Mexico 7,0 7,0 7,0 Mexico 7,0 7,0 7,0 7,0 Mexico 7,0 7,0 7,0		4.16 6.84			-2 1	
Peep	Mexico	7.40	6.4	7.1		-24
Personal Property		6.14 3.89	2.3	12.5		
Image Perfect Perf	Russia	8.25	-2.0	2.6	2	-20
Common	India	6.86	-1.3	12.3	42	48
Personal part Personal par	Indonesia Country de	7.55		0.3	3	-29
France		level		Weekly	Monthly	YTD
Septembor 187 0.1 0.2 288 289	10-yr sovereign spread vs Germany					
Persigner 137 3.7 7.00 7.0	France Italy		-0.4 0.1	-2.9 -8.2		
Page	Portugal	371	3.7	-10.6	18	9
France	Spain 2-vr sovereign spread vs Germany	131	8.0	-9.1	20	15
Spon Qu. 2 Qu. 2 Qu. 6 A 15 Syrasowerigh Cibs Teach Value Weekly VID Syrasowerigh Cibs Value 3 0 2 3 0 0 1 0 Command Mark Mark Mark 0 0 0 0 0 0 0 0 0 0 0 0	France					
Spon Qu. 2 Qu. 2 Qu. 6 A 15 Syrasowerigh Cibs Teach Value Weekly VID Syrasowerigh Cibs Value 3 0 2 3 0 0 1 0 Command Mark Mark Mark 0 0 0 0 0 0 0 0 0 0 0 0			-1.2			
September Sep	Spain		0.2	2.0	6	4
Binse 12 2 3 6 6 7 7 7 7 7 7 7 7	Emerging Markets	level	Daily	Weekly	Monthly	YTD
Columbia 1366 0	Brazil	212	-4	-26	-35	
Mexico	Chile	76			-6	
Pens		136	1		-14 -25	-13
Penner	Peru	98		-7	-6	-10
Personal Property						
Chros	Russia	164	-4	-13	-16	-13
India	Turkey China	234 98		-20 -9	-46 -15	-38 -19
Vision Personal Properties Personal Pr	India	108	-2	-4	-10	-19
Vesal	Indonesia Dia	132 k indicator	-2	-12	-19	-24
VIX. 17. 1	Volatilty indicators (%)	level		Weekly	Monthly	
MEEFT (outside) 100	VIX	12	9.9		5	
Content Cont	EM EFT volatility Index	16	0.4		-13	-22
Ceeds 1999 1999 25 79 29 29 20 20 20 20 20 2	Dollar/euro volatility	8	-0.9	-1	-20	-25
	EM FX volatility index Credit spread (BAA) (bos)	10 219			-11 -2	-11
	US bonds volatility index		-2.3		-10	-12
EZ 113 0.8 4.1 5. 5. 1. 1. 1. 1. 1.	Banking 5 y CDS (bps) *	level	Daily	Weekly		YTD
Medium Spannish 193	US EZ					
Medium Spright 155	UK	83				-7
Second S						
EZ Nominacia 100		level	Daily	Weekly	Monthly	YTD
Michael Mic						
Company	UK Non-financial	113	-1.5	-4		
EVALUATION Commonweal Com	Interbank mai	rkets (%, ch	inges in b	p)		WED
Eurobo 17m 0.33 0.00 0.	EONIA Index	-0.35	0.00			
	Euribor 3m	-0.33	0.00	0.0	0.0	0.0
	Libor 12m	1.71	0.00	0.0	0.0	0.0
Marcon M				7.8	-4.7	-10.7
SAMPSON		k markets (
Downstane		2 341		Weekly 2.0		
FISE 100						
Carestinus	Dow Jones	20,574	0.3	2.6	3	3
DAX 11,794 0,2 2,3 1 1 1 ACC (ACC (ACC	Nikkei	19,438	1.0	2.6	2	-1
MIBI 19,056 0,7 1,5 1,3 3 MSC James 6,26 1,1 1,2 5, 3 3 MSC James 7,386 0,5 2,5 4,4 6,6 7 MSC James 7,386 0,5 2,5 4,5 4,6 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	Nikkei FTSE 100	19,438 7,302	1.0 0.5	2.6 2.3 1.6 2.6	0	-1 2
MIBI 19,056 0,7 1,5 1,3 3 MSC James 6,26 1,1 1,2 5, 3 3 MSC James 7,386 0,5 2,5 4,4 6,6 7 MSC James 7,386 0,5 2,5 4,5 4,6 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,0 1,1 1,4 4,7 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	Nikkei FTSE 100 EuroStoxx 50 IBEX	19,438 7,302 3,324 9,584	1.0 0.5 0.4 0.8	2.6 2.3 1.6 2.6 2.7	2 0 1 2	-1 2 0 1
MSCI Latum	Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	19,438 7,302 3,324 9,584	1.0 0.5 0.4 0.8 0.2	2.6 2.3 1.6 2.6 2.7 2.2	2 0 1 2	-1 2 0 1 2
More Properties 67,588 1,3	Nikkei EuroStoxx 50 IBEX DAX CAC MIBB	19,438 7,302 3,324 9,584 11,794 4,925 19,056	1.0 0.5 0.4 0.8 0.2 0.6 -0.7	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5	2 0 1 2 2 2 1	-1 2 0 1 2 1 -3
Pecken	Nidoci EuroStoxx 50 BEX 50 BEX 50 BEX 60 BEX	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626	1.0 0.5 0.4 0.8 0.2 0.6 -0.7	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5	2 0 1 2 2 1 -1	-1 2 0 1 2 1 -3 -5
Pecken	Nikket ETFSE 100 EuroStoxx 50 BIEX DAX CAC MIBB ASE Althens MSC Latam* Bloverapa (Bazill)	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2	2 0 1 2 2 1 -1 -3 4 6	-1 2 0 1 2 1 -3 -5 6
Interest	Nikket FTSE 100 EuroStoxx 50 BEEX BDX CAC MR MS	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2	2 0 1 2 2 1 -1 -3 4 6 4	-1 2 0 1 2 1 -3 -5 6 10 2
MSCEEM And als	Nikker FFES 100 EuroStoux 50 BIBCX DAX DAX AND MISCHER	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 0.5	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 -0.9 4.8	2 0 1 2 2 1 -1 -3 4 6 4 0 8	-1 2 0 1 2 1 -3 -5 6 10 2 -1
	Nikket ITSE 100 EuroStoux 50 BEX DAX CAC MIB ASK Aftens MSC Latam * Biboveque (Read) Medod Medod Medod Medod Medod Medogues Medous Medod M	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 0.5 -0.2	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 -0.9 4.8 -2.4	2 0 1 2 2 1 -1 -3 4 6 4 0 8	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9
Sealer S	Nisked TFSE TOO Euros/Dava 50 BBX BBX AND BBX BBX BBX BBX BBX BBX BBX BB	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.4	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 -0.9 4.8 -2.4	2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8 3	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6
PM	Naked TESE 100 Earsdbux 50 DAX DAX CAC CAC MISSING MIS	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.4 -0.2	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 -2.4 0.4 1.0	2 0 1 2 2 1 -1 -3 4 6 4 0 8 8 -2 8 3 4	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6
Call Book	Nikket ITSE 100 EuroStoux 50 BEX DAX CAC MIB ASK Aftens MSC Latam * Biboveque (Read) Medod Medod Medod Medod Medod Medogues Medous Medod M	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.4 -0.2	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 -2.4 0.4 1.0	2 0 1 2 2 1 -1 -3 4 6 4 0 8 8 -2 8 3 4	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6
Book	Nikole TFSE TOO EuroSpixus 50 BBX EuroSpixus 50 BBX DOA AG AG AG AG AG AG AG AG AG	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213 5,381 level	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.4 -0.2 -0.5 -0.2 -0.4 -0.2 -0.5	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 -0.9 4.8 -2.4 1.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4 4 0 8 -2 8 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6 2 2 YTD 4
Care	Nisked TESE TOO Eurosciss 50 Eurosciss 50 EX	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213 5,381 level 124,7 90,4	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.4 -0.2 -0.5 -0.2 -0.4 -0.2 -0.5 -0.7 -0.9 -0	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.6 4.2 1.1 -0.9 4.8 -2.4 -0.4 1.0 0.0 Weekly 6.9 5.1	2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4 4 2 8 -2 8 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 1 2 1 -3 -5 6 10 2 -1 1 9 -6 15 6 2 2 YTD 4 4
EZ barke	Nikole TESE TOO Eurosious 50 BEX TESE TOO BEX ASS Afterns MSG Latens MSG L	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 37,87,882 737 3,213 5,381 level 124,7 90,4 60,5 24,6	1.0 0.5 0.4 0.8 0.2 0.6 -0.7 -1.1 -0.5 1.3 0.1 -0.5 0.2 -0.2 -0.2 -0.4 -0.2 -0.5 Daily 1.3 0.9 1.1 1.3	2.6 2.3 1.6 2.7 2.2 2.3 3.3 1.5 2.6 4.2 1.1 0.9 4.8 -2.4 -0.4 1.0 1.5 0.0 Weekly 6.9 5.1 7.4	2 0 1 2 2 1 -1 -3 4 6 4 0 8 3 4 2 8 3 4 4 0 8 3 4 4 0 8 4 4 0 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6 2 2 YTD 4 4
SPEP S7.5 1,3 2,6 6 8 8 9 1 1 1 1 1 1 1 1 1	Nisked FTSE TOO Eurosipous 50 BEX	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213 5,381 level 124,7 90,4 60,5 24,6 46,5	1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.2 -0.4 -0.2 -0.5 -0.1 -0.5 -0.2 -0.2 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 -0.2 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 -0.2 -0.3 -0.	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.6 4.2 2.5 2.6 4.2 1.1 -0.9 4.8 -2.4 -0.4 1.0 0.0 Weekly 6.9 5.1 7.4	2 0 1 2 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4 2 2 Monthly 4 4 1	-1 2 0 1 2 1 -3 -5 6 10 2 -1 9 -6 15 6 2 2 2 YTD 4 4 -1 7
Deutsche Bank 18.9 2.5 5.3 7 3 1 1 1 1 1 1 1 1 1	Nisked TESE TOO S TESE TOO S TESE TOO S DAY CACAC MB MSC Latters MSC Latters	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 77,366 67,588 47,438 4,992 2,184 2,137 87,882 737 3,213 5,381 level 124,7 60,5 24,6 46,5 251,2 99,6	1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.2 -0.4 -0.2 -0.4 -0.2 -1.1 1.3 0.1 -0.5 -1.1 -0.5 -1.1 -0.5 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.5 -0.4 -0.5	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.6 4.2 2.1 1.1 -0.9 4.8 -2.4 -0.4 1.5 0.0 Weekly 6.9 5.1 7.4 6.0 5.6 9.3	2 0 1 2 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4 4 2 Monthly 4 1 7 6	-1 2 0 1 1 2 1 1 -3 -5 6 10 2 -1 1 9 -6 6 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Indicas 2,2 0,8 2,4 -1,0 -1,0 SG 4,3,7 1,3 -2,4 -5,0 -1,0 SG 4,3,7 1,3 -2,4 -5,0 -4,0 SG 4,3,7 1,3 -2,4 -5,0 -4,0 SG 4,3,7 1,3 -2,4 -5,0 -4,0 SG 4,3,7 1,3 -2,4 -2,4 -2,4 SG 4,4 1,4 -2,4 -2,4 -2,4 SG 5,5 5,5 2,9 -4,4 -4,2 SG 5,5 5,5 2,9 -4,4 -4,2 SG 5,5 5,5 2,9 -4,4 -4,4 SG 5,5 5,5 5,5 -4,4 -4,4 SG 5,5 5,5 5,5 -4,4 -4,4 SG 5,5 7,7 -4,4 -4,4 SG 7,5 7,7 SG 7,5 7,5	Nisked FTSE TOO EurosSpace So BOX EurosSpace So BOX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,5368 47,438 4,992 2,184 2,137 3,213 5,381 level 124,7 90,4 60,5 24,6 46,5 251,2 99,6 57,5	1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 -0.5 1.3 0.1 -0.5 -0.2 -0.4 -0.2 -0.4 -0.5 -0.5 -0.2 -1.1 -0.5 -0.7 -1.1 -0.5 -0.7 -1.1 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.7 -0.5 -0.	2.6 2.3 1.6 2.6 2.7 2.2 3.3 1.5 2.5 2.5 4.2 1.1 4.8 -2.4 -0.4 1.0 1.5 0.0 Weekly 6.9 5.1 4.6 0.0 5.6 3.8 4.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 0 1 2 2 1 -1 -3 4 6 4 0 8 -2 8 3 4 4 2 Monthly 4 1 7 6 3 4 4 7 6 8 7 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	-1 2 0 1 2 1 3 -5 6 6 10 2 -1 1 9 6 6 2 2 YTD 4 4 4 -1 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8
SG 43.7 1.3 2.4 5.9 9.0 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	Nisked TESE 100 0 Clarestoux 50 DAX CAC CAC MISS ASS ASSESS MISS	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,588 47,438 4,992 2,184 2,137 87,882 737 87,882 737 10,04 60.5 24,6 60.5 251,2 99.6 67,58	1.0 0.5 0.4 0.8 0.2 0.6 0.7 11.1 0.5 0.5 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 1.3 0.9 1.1 1.0 7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	2.6 2.3 1.6 2.6 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.5 2.5 2.6 4.2 1.1 0.9 4.8 1.0 0.0 Weekly 6.9 6.9 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	2 0 1 1 2 2 1 1 -1 -1 -3 4 4 6 4 4 0 8 3 4 4 4 4 4 1 7 7 6 6 3 -3 -6 6 -1 7 7	-1 2 0 1 1 2 1 -3 -5 6 6 10 2 -1 1 9 -6 15 6 6 2 2 2 YTD 4 4 4 -1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
With State 91.4 1.6 5.0 6 4 5 1856 1856 79.68 1.2 8.2 14 5 1856 1856 79.68 1.2 8.2 14 5 1856 1856 79.68 1.2 8.2 14 5 1856 79.68 1.2 1.	Nisked TFJEE TOO Etarostous 50 BEX AN BEX AN BEX AN BEX ASE Alterna MSG Latam BES Lata	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,7366 67,588 47,438 4,992 2,184 2,137 32,213 5,381 level 124,7 90,4 60,5 24,6 46,5 29,6 57,5 12,3 18,9	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.0 0.5 0.2 0.2 0.2 0.2 0.2 1.1 1.3 0.9 1.1 1.2 2.5 1.3 1.3 0.9 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.6 2.3 1.6 2.6 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.6 4.2 1.1 0.9 9 4.8 4.0 4.0 4.0 0.9 9 4.0 4.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	2 0 1 1 2 2 1 1 -1 3 4 4 6 4 0 8 8 -2 8 3 4 4 2 2 Monthley 4 4 4 1 7 7 6 3 3 -3 6 6 -1 7 7 2 2	-1 2 0 1 1 2 1 1 -3 -5 6 6 10 2 -1 1 9 -6 6 15 6 6 2 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SISSEC 70.5.8 1.2 3.8 4 5	Nisked FTSE TON Eurostosus 50 BOX Eurostosus 50 BOX	19,438 7,302 3,324 9,584 11,794 4,925 19,056 62,66 67,588 47,438 4,992 2,184 2,137 32,213 5,381 level 124,7 90,4 60,5 24,6 46,5 251,2 299,6 57,5 12,3 18,9 13,7 2,2 43,7	1.0 0.5 0.4 0.8 0.2 0.6 0.7 -1.1 0.5 -0.2 -0.2 -0.2 -0.2 -0.3 1.3 0.5 0.5 0.5 0.7 1.1 1.3 1.3 0.5 0.6 0.7 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.6 2.3 1.6 2.6 2.7 2.2 2.3 3.3 2.5 2.5 2.5 2.5 2.6 4.2 1.1 2.4 4.0 4.0 4.0 4.0 4.0 6.9 5.1 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	2 0 1 1 2 2 1 1 -1 3 4 4 6 4 4 0 8 8 -2 8 3 4 4 2 1 7 7 6 6 3 3 -3 -6 6 -1 7 7 2 1 -5 -5 -5	-1 2 0 1 1 2 1 3 5 6 6 100 2 2 -1 1 9 6 6 15 6 2 2 YTD 4 4 -1 7 7 7 3 6 6 8 8 0 3 3 -1 14 9 9
RISS 246.0 2.1 8.2 14 5 Declary 246.0 2.1 8.2 14 5 Loyds 67.5 15 2.9 4 4 4 1 Loyds 67.5 15 2.9 4 4 4 1 Loyds 67.5 15 2.9 4 4 4 1 Robert 67.5 15 2.9 4 4 1 Robert 67.5 15 2.9 4 1 1 Robert	Nisked TFJEE TOO Earwistows 50 Earwistows 50 DAX CACAC MIB MSC Latters MSC Lat	19,438 7,302 3,324 9,584 11,794 4,925 19,056 62,66 7,366 67,588 4,992 2,184 2,137 87,882 737 3,2,137 10vel 124,7 90,4 60,5 24,6 46,5 251,2 99,6 67,5 12,3 12,3 12,3 12,3 12,3 12,3 12,3 12,3	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 0.5 0.2 0.6 0.5 0.2 0.6 0.5 0.2 0.5 0.2 0.6 0.5 0.2 0.5 0.2 0.6 0.5 0.7 1.1 1.3 0.5 0.5 0.0 0.5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.6 2.3 1.6 2.7 2.7 2.2 2.3 3.5 2.5 2.5 2.5 2.6 4.2 2.4 4.8 4.8 2.4 4.0 4.8 8.4 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	2 0 1 1 2 2 1 1 -1 1 -1 3 4 4 0 8 8 3 4 2 2 Monthly 4 4 1 7 7 6 6 3 -3 -6 1 7 7 2 -1 10 -5 -2 -2	-1 2 0 1 1 2 1 3 -5 6 6 10 2 2 1 1 9 6 6 2 2 2 YTD 4 4 -1 7 7 7 3 3 6 8 0 0 3 3 1 1 14 9 9 8
Ligorish	Nisked TFJEE TOO Earwistows 50 BEX	19,438 7,302 3,324 9,584 11,794 4,925 19,056 626 67,366 67,588 47,438 4,992 2,184 2,137 3,213 5,213 5,213 1,247 60,5 246 46,5 57,5 12,3 18,9 13,7 2,2 43,7 37 18,9 13,7 2,2 43,7 37 18,9 13,7 2,2 43,7 37 12,9 91,6	1.0 0.5 0.4 0.8 0.2 0.6 0.7 11.1 0.5 0.1 1.3 0.1 1.3 0.1 1.3 0.5 0.5 0.2 0.2 0.6 0.2 0.2 0.5 0.5 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.6 2.3 1.6 2.6 2.7 2.2 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.5 2.5 2.6 4.2 4.2 4.0 4.1 0.0 Weekly 6.9 Weekly 6.9 2.4 4.0 3.8 2.6 3.8 2.6 3.8 2.6 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	2 0 1 1 2 2 1 1 -1 1 3 4 4 6 6 4 4 0 8 8 2 2 8 3 3 4 2 2 1 1 7 7 6 3 3 -3 6 6 1 1 7 7 2 2 10 5 5 2 6 6 4 4	-1 2 0 1 1 -3 -5 -6 10 2 -1 1 9 -6 15 6 2 2 YTD 4 4 4 -1 7 7 7 7 7 7 3 3 -6 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Large Sparright banks	Nisked TESE 100 to 100	19,438 3,324 11,794 4,925 19,056 626 67,366 67,586 4,992 2,184 4,992 2,184 4,992 2,184 4,992 124,7 90,6 124,7 124,7 124,7 125,7 129,8 121,7 121,7 122,7 123,7 129,9 143,7	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.2 0.2 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2.6 2.3 1.6 2.7 2.2 2.7 2.2 2.3 3.3 1.5 2.6 4.2 2.5 2.6 4.2 2.6 4.2 2.6 4.2 2.6 4.2 2.6 4.2 2.6 4.2 2.6 4.2 2.6 4.2 2.6 4.2 2.6 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	2 0 1 2 2 1 1 -1 3 4 6 4 0 8 8 3 4 2 2 Monthly 4 4 1 1 7 6 6 3 3 -3 -6 6 -1 7 7 2 1 10 -5 5 6 6 4 1 1 4	-1 2 0 1 1 2 1 1 3-3-5-6 6 10 2 2 -1 1 9 9 -6 6 2 2 2 YID 4 4 -1 1 7 7 7 3 6 6 8 8 0 3 3 -1 1 14 9 9 8 4 4 5 5
BBVA 6.4 3.1 6.4 5. 7.1	Nisked TFJEE TOO Earwistows 50 Earwistows 50 DAX CACAC MISS BASE AND	19,438 3,324 4,925 19,056 626 67,73,36 67,58 47,438 19,056 67,58 47,438 12,137 124,7 90,4 46,5 57,5 12,3 12,13 12,	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 0.5 0.5 0.5 0.5 0.2 0.2 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.6 2.3 1.6 2.7 2.2 2.7 2.2 2.3 3.3 1.5 2.5 2.6 4.2 4.2 1.1 0.9 4.8 4.0 4.0 4.0 4.0 5.1 6.9 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9	2 0 1 2 2 1 1 3 4 6 4 0 8 8 3 4 4 2 Monthly 4 4 4 1 7 7 6 6 3 3 6 6 1 1 7 7 2 1 1 1 0 5 2 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 1 1 2 1 1 3 3 -5 6 6 0 2 2 -1 1 5 6 6 2 2 2 71D 4 4 4 -1 7 7 7 3 6 6 8 8 0 3 -1 1 -1 4 9 8 8 4 4 5 5 5 2 2 4
Medium Spanish hamks	Nisked TFSE TOO Eurosfoxox 50 BOX Eurosfoxox 50 BOX	19,438 3,324 4,925 19,056 67,73,06 67,588 47,438 87,882 21,137 90,4 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 90,5 124,7 125,7 126,7 127	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.0 0.5 0.5 0.2 0.2 0.2 0.6 0.5 0.1 0.5 0.5 0.2 0.4 0.5 0.5 0.3 1.3 0.1 1.3 0.5 0.5 0.6 0.7 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.6 2.3 1.6 2.6 2.7 2.2 2.7 2.2 3.3 1.5 2.6 4.2 1.1 1.0 9 9 4.8 4.8 4.8 4.0 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	2 0 1 1 2 2 1 1 1 3 4 6 6 4 0 8 2 8 3 4 4 2 2 Monthly 4 4 1 7 7 6 3 3 3 6 6 1 1 7 7 2 2 1 10 6 6 4 1 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 0 1 2 1 1 2 3 -5 5 6 10 2 1 1 5 6 6 2 2 2 YTD 4 4 4 1 1 7 7 7 7 3 3 6 8 8 0 3 3 -1 1 4 9 8 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Popular 0,9	Naked TESE 100 to 100 t	19,438 3,324 4,925 19,056 626 67,7366 626 67,588 47,438 5,82 2,184 49,92 2,184 49,92 2,184 49,92 2,184 49,92 2,184 49,92 2,184 49,92 2,184 49,92 2,184 40,92 40,92 4	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 1.0 0.5 0.5 0.2 0.2 0.6 0.5 0.5 0.2 0.2 0.4 0.5 0.5 0.5 0.1 1.3 0.9 1.1 1.3 0.9 1.1 1.3 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.6 2.3 1.6 2.7 2.2 2.2 2.3 1.5 2.5 2.6 4.2 1.1 0.9 4.8 4.2 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 0 1 1 2 2 1 1 1 3 4 6 6 4 0 8 2 8 3 4 4 2 1 1 7 7 6 6 3 3 3 4 6 6 1 1 7 7 2 1 1 1 0 5 5 2 6 6 4 1 1 4 4 4 4 4 4 5 5	-1 2 0 1 1 2 1 1 3 3 -5 6 6 10 2 1 1 5 6 6 2 2 2 7 1 1 7 7 7 7 3 3 -6 6 8 8 0 3 3 -1 1 4 9 8 4 4 5 5 5 5 5 2 2 4 1 1 2 2 1 1 2 1 1
Sabadell 1.5 0.5 2.5 13 8 8 Marcharder 1.5 0.5 0.5 1.7 2 3 2 3 2 3 1 1 2 2 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Nisked TFJEE TOO Euroscissos 50 BEX CAC CAC CAC CAC CAC CAC CAC C	19,438 3,324 11,794 4,925 19,056 6,27 6,27 8,27	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 1.3 0.9 0.2 0.4 0.2 0.4 0.2 0.3 1.3 0.9 1.3 0.9 1.3 1.3 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.6 2.3 1.6 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.5 2.5 2.5 2.6 4.2 2.4 4.0 4.4 4.8 2.4 4.0 4.0 4.0 5.6 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	2 0 1 1 2 2 1 1 1 3 4 6 6 4 4 0 8 8 2 8 8 3 4 2 2 8 8 3 4 4 4 4 1 1 7 7 6 6 3 3 3 6 6 1 1 7 7 2 1 1 0 5 2 6 6 4 1 1 4 4 4 4 4 5 5 2	-1 2 0 1 1 2 1 1 3 -3 -5 6 6 1 1 0 2 1 -1 9 -6 6 1 5 6 2 2 YTD 4 4 -1 1 7 7 7 3 3 -6 6 8 8 4 4 9 8 4 5 5 5 2 4 4 1 1 2 -1 -1 1 -1 1 1 1 1 1 1 1 1 1 1 1
Berkis 1.0 0.3 1.7 2 7	Naked TESE TOO	19,438 3,324 11,794 4,925 19,056 626 626 626 627 637 637 637 637 637 647 657 657 657 657 657 657 657 65	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 1.2 1.3 0.5 1.3 1.3 1.0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2.6 2.3 1.6 2.7 2.2 2.3 3.3 1.5 1.5 2.5 2.5 2.6 4.2 2.4 4.0 4.4 8.2 2.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 0 1 2 2 2 1 1 -1 3 3 4 6 6 4 4 4 4 4 4 4 5 2 3 3 -7	-1 2 0 0 1 2 1 3 -3 -5 6 6 10 0 2 -1 9 -6 6 15 6 2 2 YTD 4 4 -1 1 7 7 7 3 6 6 8 8 9 4 5 5 5 5 2 4 1 1 2 2 -1 1 -1 4 4 14 1 4 1 4 1 4 1 4 1 4
Correction Cor	Nisked TESE 100 C	19,438 9,584 11,794 11,794 19,056 67,588 4,992 19,056 67,588 4,992 2,184 4,992 2,184 4,992 2,184 4,992 1,186 1,	1.0 0.5 0.4 0.8 0.2 0.6 0.7 1.1 0.5 1.3 0.9 0.1 1.0 0.5 1.3 0.9 1.1 1.2 1.3 0.9 1.1 1.3 1.3 1.3 1.3 1.4 1.5 1.5 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2.6 2.7 2.2 2.3 3.3 1.6 2.7 2.2 2.6 4.2 2.7 2.2 2.6 4.2 2.7 2.8 2.6 4.2 2.7 2.8 2.6 4.2 2.7 2.8 2.6 4.2 2.9 4.2 4.2 2.5 2.6 2.6 2.6 2.7 2.7 2.6 2.6 2.6 2.7 2.7 2.6 2.6 2.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	2 0 1 2 2 2 1 1 1 3 3 4 6 4 0 8 8 8 3 4 4 2 2 1 1 7 7 6 6 3 3 3 4 6 1 7 7 2 1 1 0 1 5 5 2 6 6 4 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 1 1 2 1 1 3 -5 6 6 10 0 2 -1 1 9 -6 6 15 6 2 2 2 YTD 4 4 -1 1 7 7 7 3 3 -6 8 8 0 0 3 3 -1 1 -1 1 4 5 5 5 2 2 4 1 1 2 2 1 1 -1 1 4 4 8 8
Developed New Daily Weekly We	Nisked TESE TOO SEE TOO TOO TOO TOO TOO TOO TOO TOO TOO T	19,438 3,324 11,794	1.0 0.5 0.4 0.6 0.7 0.5 0.6 0.6 0.7 0.7 0.5 0.5 0.6 0.6 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	2 0 1 2 2 2 1 1 -1 3 3 4 6 4 4 4 4 4 4 4 5 2 3 7 7 13 1 1	-1 2 0 1 1 2 1 1 3 3 -5 6 6 10 0 2 1 1 1 3 3 -5 6 6 6 2 2 2 YTD0 4 4 4 1 1 7 7 7 7 3 3 6 6 8 8 0 3 3 1 1 1 4 4 5 5 5 2 2 4 4 1 1 1 2 1 1 4 4 1 1 4 8 8 2 2 1 1 1 4 4 8 8 2 2
CBPUSD 1.25	Nisked TESE 100 Carestious 50 DAX CACAC MAIN MILE MASS Alexens Mile MASS Alexens Mile Mass Alexens Mass Call Mile Mass Alexens Mass Call Mile Mass Call Mass	19,438 3,324 11,794	1.0 0.5 0.4 0.2 0.6 0.6 0.7 1.3 0.9 0.1 1.1 1.2 2.5 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.7 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.5 0.8 1.3 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2.6 2.7 2.2 2.3 3.5 1.5 2.5 1.5 2.5 1.5 2.6 4.2 2.6 4.2 1.1 1.5 0.9 0.4 1.0 0.4 1.0 0.4 1.0 0.5 9.1 7.4 4.8 4.8 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	2 0 1 1 2 2 2 1 1 -1 3 4 4 6 6 4 9 2 8 8 3 4 4 2 2 1 1 7 7 6 6 3 3 -6 6 -1 7 7 2 2 1 1 3 4 4 4 4 4 4 4 5 5 2 3 3 7 7 1 3 1 1 -2 2	-1 2 0 1 1 2 1 1 3 3 -5 6 6 10 0 2 1 1 1 3 3 -5 6 6 6 2 2 2 YTD0 4 4 4 1 1 7 7 7 7 3 3 6 6 8 8 0 3 3 1 1 1 4 4 5 5 5 2 2 4 4 1 1 1 2 1 1 4 4 1 1 4 8 8 2 2 1 1 1 4 4 8 8 2 2
ISSDIPY	Nisked TESE TOO Earwistows 50	19,438 3,324 3,324 11,024 11,024 11,024 11,024 11,024 11,024 11,024 12,137 13,137 14,137 15,137 16,137 17,137	1.0 0.5 0.4 0.8 0.2 0.6 0.6 0.7 1.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.1 1.3 0.5 0.5 0.5 0.2 0.2 1.1 1.3 0.5 0.5 0.5 0.5 0.2 1.1 1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6. 2.3 1.6. 2.7 2.2 2.3 3.3 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	2 0 1 1 2 2 2 1 1 -1 3 4 6 6 4 9 0 8 8 2 8 3 4 2 2 1 1 7 7 6 3 3 3 6 6 -1 7 7 2 -1 0 0 5 2 6 4 4 4 4 4 4 4 5 5 2 3 3 7 7 1 3 -1 2 2 1 2 2 1 3 3 3 1 1 2 2 2 1 3 3 3 3	-1 2 0 1 2 1 3 3 5 6 6 10 0 2 -1 1 5 6 6 2 2 2 1 1 1 3 3 6 6 6 10 0 2 -1 1 5 6 6 2 2 2 1 1 1 4 4 5 5 5 2 2 4 4 1 1 2 1 1 1 4 4 5 5 5 2 2 4 1 1 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Emerging New Daily Weekly Worthy Votal	Nisked TERE TOO TERE	19.438 19.439 19	1.0 0.5 0.4 0.2 0.5 0.5 0.4 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6. 2.3 1.6. 2.6. 2.7. 2.2. 3.3 1.5. 2.5. 2.5. 2.5. 2.6. 4.2. 4.2. 4.2. 4.2. 4.2. 4.2. 4.3. 4.2. 4.2	2 0 1 1 2 2 2 1 1 -1 3 4 4 6 4 4 9 1 7 7 6 3 3 3 -3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 1 2 1 3 3 5 5 6 6 100 2 2 -1 1 9 9 -6 5 15 6 2 2 2 2 1 1 1 2 3 3 6 6 8 0 0 3 3 -1 -1 -1 4 4 5 5 5 2 2 4 1 1 2 2 4 1 1 4 4 1 8 2 2 7 7 Year 1 1 1
USDARKS (knyerina) 15.43 0.3 1.6 2.8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Nisked TSEE TOO CARROLL SEED TO SEED T	19,438 3,32,43 3,32,43 4,925 6,72,66 6,72,66 6,72,66 6,72,66 6,72,66 6,72,66 6,73,66 6,73,66 7,37 7,37 7,4 7,4 7,4 7,4 7,4 7,4 7,4 7,	1.0 0.5 0.6 0.7 1.3 1.0 0.5 0.5 0.2 0.2 0.0 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2.6. 2.3 3.6. 2.6. 2.7. 2.2. 3.3. 3.6. 4.2. 2.5. 4.2. 2.5. 4.2. 4.2. 4.2. 4.2	2 0 1 1 2 2 2 1 1 -1 3 3 4 6 4 9 8 8 8 8 4 4 1 7 7 6 6 3 3 -3 4 6 -1 7 7 2 2 6 6 4 4 4 4 4 5 5 2 3 7 13 1 4 4 4 5 2 3 7 13 -1 -2 2 2 6 Monthly 0.00 3.55	-1 2 0 1 2 1 3 3 5 5 6 10 2 2 11 1 3 3 6 6 15 6 2 2 YTD 4 4 4 -1 7 7 7 3 3 6 6 8 8 4 4 5 5 5 2 4 1 1 2 1 1 4 4 1 1 4 8 8 2 2 7 7 Years 1 1 1 3 3 6 6 7 Years 1 1 1 3 3 7 Years 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
USDCUP (Cribale 639.0.8 0.4 1.4 3.4 3.5 150 150 CPC (Cribale 2027.3 0.1 0.3 2.4 3 150 SDMCN (Motor) 20.3.0 0.2 0.5 0.6 6.5 15 150 CPC (Cribale 2027.3 0.1 0.3 2.4 3 150 SDMCN (Motor) 20.3.0 0.2 0.5 0.6 6.5 15 15 150 CPC (Cribale 2027.3 0.5 1.3 3.6 4 150 CPC (Cribale 2027.3 0.5 1.3 3.6 4 150 CPC (Cribale 2027.3 0.5 1.3 3.6 4 150 CPC (Cribale 2027.3 0.5 1.3 3.6 15 15 3.7 3.3 15 15 3.7 3.3 15 15 15 17 17 17 17 17 17 17 17 17 17 17 17 17	Nisked TESE 100 Eurosciscos 50 Euros	19.438 3 3324 3 4 4 5 2 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4	1.0 0.5 0.6 0.7 1.3 1.0 0.5 0.5 0.2 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6. 2.3 1.6. 2.7 2.6 2.7 2.8 3.3 3.1 3.6 3.2 3.1 3.1 3.1 3.1 5.1 5.2 5.6 4.2 1.1 1.1 5.1 6.0 6.0 1.5 6.0 1.5 6.0 1.5 6.0 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2 0 1 1 2 2 2 1 1 -1 3 3 4 6 4 9 8 8 8 8 4 4 1 7 7 6 6 3 3 -3 4 6 -1 7 7 2 2 6 6 4 4 4 4 4 5 5 2 3 7 13 -1 -2 2 8 Monthly 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	-1 2 0 1 2 1 1 -3 -5 6 6 10 2 1 1 9 -6 6 15 6 6 2 2 2 YTD 4 4 4 1 1 7 7 7 3 3 -6 6 8 8 0 0 3 3 -1 1 14 9 9 8 4 4 1 1 2 2 1 1 1 4 4 1 1 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
USBOOD (Calciumbia) 2873	Nisked TSEE 100 C TEARS TO NISKE 100 C TEARS TO NIS	19.438 3 3.94 4 4.925 4 1.00 4 1.00 4 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20	1.0 0.5 0.4 0.6 0.7 0.5 0.2 0.6 0.7 0.1 1.3 0.5 0.9 1.1 1.2 1.2 1.1 1.5 1.5 0.5 0.8 1.3 1.0 0.7 1.1 1.7 1.5 1.5 0.5 0.8 1.3 1.0 0.7 1.1 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2.6. 2.3 1.6. 2.7 2.2 2.2 2.3 3.3 2.6 2.7 2.1 2.1 2.5 2.5 2.6 4.2 1.1 1.0 1.5 0.9 4.8 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	2 0 1 1 2 2 2 1 1 1 -1 1 1 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 1 2 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
USDPEN 9.2 0.3 1.1 3.6 4	Nisked TESE TOO Earwistows 50 Earwistows 50 DAX CACAC MISS Alteries MISS Alteries MISS CLIMATE MISS CLIMATE Poland Miss CLIMATE MISS CLIMATE Poland Miss CLIMATE Miss CLIMATE MISS CLIMATE Poland Miss CLIMATE M	19,438 3,324 3,324 14,925 41,925 626 626 627 627 627 628 628 628 628 628 628 628 628	1.0 0.5 0.4 0.2 0.5 0.2 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6. 2.3 1.6. 2.7 2.6 2.7 2.8 3.3 3.1 3.6 3.7 3.8 3.8 3.8 3.8 4.2 4.1 1.1 7.4 4.8 4.0 4.0 4.8 4.0 6.9 1.7 1.6 3.8 8.4 6.0 3.8 8.4 6.0 3.8 8.4 6.0 1.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 0 1 2 2 2 1 1 -1 1 3 4 4 6 4 9 8 8 3 3 4 2 2 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 1 2 1 1 -3 -5 6 6 10 2 1 1 9 -6 6 15 6 6 2 2 2 YTD 4 4 4 -1 7 7 7 3 3 -6 6 8 8 0 3 3 -1 4 1 4 9 9 8 4 4 1 1 2 2 -7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
IACI	Nisked TREE TOO CARROLL STATE TO THE TOO THE T	19.438 19.439 19	1.0 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.6. 2.3 1.6. 2.7 2.7 2.6. 2.6. 2.6. 2.6. 2.6. 2.6	2 0 1 1 2 2 2 1 1 1 1 3 3 4 6 4 9 8 8 8 8 3 4 2 2 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 1 2 1 1 -3 -5 -6 6 10 2 2 1 1 9 9 6 6 15 6 6 2 2 2 2 2 2 2 1 1 1 7 7 7 3 3 6 6 8 0 0 3 3 -1 14 9 8 4 5 5 5 2 4 4 1 1 2 2 -7 7 7 1 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
USD PLK Problems	Nisked TREE TOO CARROLL STATE TO THE TOO THE T	19.438 4 19.436 4 19.	1.0 0.5 0.4 0.1 0.5 0.2 0.0 0.1 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6. 2.3 1.6. 2.7 2.6 2.7 2.6 2.7 2.6 2.7 2.6 2.6 2.7 2.6 2.6 2.7 2.6 2.6 2.7 2.6 2.6 2.7 2.6 2.6 2.6 2.7 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	2 0 1 1 2 2 2 1 1 1 1 3 3 4 4 6 6 4 9 1 1 1 7 7 6 6 3 3 3 4 4 5 2 1 1 1 7 7 6 6 1 1 1 7 7 6 6 1 1 1 1 7 7 6 6 1 1 1 1	-1 2 0 1 1 2 1 1 -3 -5 -6 10 2 1 1 -3 -5 -6 10 2 2 7 10 4 4 4 1 -1 14 8 8 4 4 5 5 5 2 4 1 1 2 1 1 1 1 4 4 14 8 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
USDTRY (Turkey) 3.66 0.3 1.5 2.7 3.7 3.15 3.7 3.	Nisked TREE TOO Clarestoox 50 Clarestoox 50 Clarestoox 50 DAX CACAC MISS ARTHOR SASS	19,438 3,344 4,925 6,756 6,766	1.0 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.6 2.3 1.5 2.6 2.7 2.7 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.7 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	2 0 1 1 3 4 6 4 9 8 8 8 4 4 1 1 7 7 6 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 1 2 1 1 3 5 5 6 6 6 10 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
USDCMY (China) 6.87 0.1 0.1 0.4 1.7 2 USDNM (Inchina) 6.687 0.0 0.4 1.7 2 USDNM (Inchina) 6.681 0.0 0.4 1.7 2 USDNM (Inchina) 13.317 0.1 0.1 0.2 1.1 2 USDNM (Inchina) 13.317 0.1 0.2 1.1 2 USDNM (Inchina) 13.317 0.1 0.2 1.1 2 USDNM (Inchina) 13.31 0.2 1.1 1.2 USDNM (Inchina) 13.31 0.2 1.2 1.2 USDNM (Inchina) 13.31 0.3 1.2 1.2 1.2 1.2 USDNM (Inchina) 13.31 0.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	Naked TEASE 100 Earwistours 50 DAX CACAC MARIE MASC Latura MASC La	19.438 3 3.42 4 4.92 5 4.93 6 4.65 5 251.2 2 4 4 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2	1.0 0.5 0.4 0.5 0.5 0.1 1.3 0.9 0.1 1.1 1.2 2.5 0.5 0.8 1.3 1.0 1.1 1.7 1.5 0.5 0.8 1.3 1.9 0.9 1.1 1.2 2.1 1.1 1.1 1.3 1.8 1.5 0.5 0.8 1.3 1.9 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	2.6, 2.3, 1.6, 2.4, 2.4, 2.4, 2.4, 2.4, 2.4, 2.4, 2.4	2 0 1 2 2 2 1 1 4 4 6 4 4 6 8 3 3 4 4 4 4 1 1 7 7 6 6 6 6 6 6 7 1 1 3 1 4 4 4 4 5 2 2 3 3 7 1 1 3 1 4 4 4 4 5 2 2 3 3 7 1 3 3 5 0 0 0 1 1 Mouthly 0.0.01 Mou	-1 2 0 1 1 2 1 1 3 3 6 6 10 0 2 2 1 1 5 6 6 2 2 2 2 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7
USDIOR (Indendensis) 13.317 0.1 0.1 0.3 1 1 1 1 1 1 1 1 1	Naked TREE TOO Euroscisors 50 Euroscisors 50 Euroscisors 50 DAX CACAC MISS BARRIS MSC Latterns MSC Lattern	19.438 1 19.056 626 67.586 67.586	1.0 0.5 0.4 0.8 0.6 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.6, 2.3, 1.6, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7	2 0 1 2 2 1 1 4 4 6 4 9 2 8 8 3 4 4 2 1 1 7 7 6 6 6 5 3 3 6 6 1 1 7 7 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 1 2 1 1 -3 5 6 6 6 0 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1
ADXY 104.9 0.0 0.2 1.1 2 Commodities C	Naked TSEE 100 A Carestious 50 DAX CACA MASS ARMINI ASS ARMINI ASS ARMINI MASC ID Marupe* Poland Mostod Mosto	19.438 3 3.44 4.925 4.92 4.92 4.92 4.92 4.92 4.92 4.92 4.92	1.0 0.5 0.4 0.5 0.6 0.7 1.1 0.7 0.5 0.7 1.1 0.5 0.7 1.2 0.6 0.7 1.3 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.7	2.6, 2.3, 3.3, 1.5, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6	2 0 1 1 3 1 4 6 6 1 4 6 6 8 3 4 4 1 7 7 6 8 8 3 4 4 1 7 7 6 9 5 7 1 3 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 1 1 2 1 3 3 5 6 6 10 0 2 2 1 1 1 5 6 6 2 2 7 7 0 3 3 4 4 4 1 1 1 2 1 2 1 1 1 1 2 1 2 1 1 1 1
Commodities C2 Bront 55.8 0.4 1.1 0 -1 WTX 55.8 0.4 1.2 1 -1 Copper 274 0.3 3.0 2 7 Copper 274 0.3 3.0 2 7 SSF Syst commodity 445 0.3 3.0 1 2 SSF Death Spot * 4479 0.6 1.9 3 0 SSF Death Spot * 333 0.6 1.9 3 0	Nisked TEAST TO TEAST TO THE TE	19.438 19.439 19	1.0 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.6, 2.3, 1.6, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7	2 0 1 1 3 4 6 6 6 8 8 3 4 4 9 7 1 3 6 6 6 6 9 7 2 2 6 6 4 4 4 4 5 5 2 2 6 6 7 1 1 4 4 4 5 5 2 7 7 7 1 3 1 4 5 5 2 7 7 7 1 3 1 4 5 5 2 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 5 7 7 7 1 3 1 4 5 7 1 3 1 4 5 7 1 5	-1 2 0 1 1 2 1 3 3 5 6 6 10 0 2 2 2 1 1 1 1 1 1 1 2 2 7 7 7 7 7 7 7 7
	Naked TREE TOO Eurosciscos 50 Eurosciscos 50 Eurosciscos 50 DAX CACAC MISS BASS MISS Latters	19.438 19.439.1 19.438 19.439.1 19.438 19.439.1	1.0 0.5 0.4 0.2 0.6 0.6 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6, 2.3, 1.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2	2 0 1 1 3 1 4 6 4 7 1 4 7 1 7 7 6 8 8 3 4 4 1 1 7 7 6 6 1 7 7 1 3 1 1 7 7 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 1 2 1 3 3 5 6 6 10 0 2 2 1 1 1 5 6 6 2 2 2 YTD 4 4 1 1 1 7 7 7 3 3 6 6 8 8 0 9 9 4 4 5 5 5 2 4 1 1 2 2 1 1 1 1 1 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5
WTx 53.0 0.4 1.2 1 -1 Copper 274 0.3 3.0 2 7 Gold 1.230 0.2 0.9 2 6 Gold 1.230 0.2 0.9 2 6 Gold 1.230 0.3 1.6 1 2 S&P Sert Spot * 479 0.6 1.9 1 0.5 FW Metals Spot * 333 0.6 1.9 3 9	Naked TREE TOO Eurosciscos 50 Eurosciscos 50 Eurosciscos 50 DAX CACAC MISS BASS MISS Latters	19.438 19.439.1 19.438 19.439.1 19.438 19.439.1	1.00 0.5 0.6 0.6 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2.6, 2.3, 1.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2	2 0 1 1 3 1 4 6 4 7 1 4 7 1 7 7 6 8 8 3 4 4 1 1 7 7 6 6 1 7 7 1 3 1 1 7 7 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 0 1 1 2 1 3 3 5 6 6 10 0 2 2 1 1 1 5 6 6 2 2 2 YTD 4 4 1 1 1 7 7 7 3 3 6 6 8 8 0 9 9 4 4 5 5 5 2 4 1 1 2 2 1 1 1 1 1 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5
Copper 274 0.3 3.0 2 7 Gold 1,230 0.2 4.9 2 6 5&P Spot commodity* 405 0.3 1.6 1 2 5&P Exert Spot* 479 0.6 1.9 1 0 5&P Metals Spot* 333 -0.6 1.9 3 9	Naked TSEE 100 Clarestoux 50 DAX CACCAC MASS ARBITICATE ASS ARBITICATE ASS ARBITICATE ASS ARBITICATE ASS ARBITICATE ASS ARBITICATE ASS ARBITICATE MASS CALL	19.438 3 3 4 4 4 2 5 5 6 4 8 5 5 6 3 6 4 8 5 5 6 3 6 4 8 6 5 6 4 8 6 6 8 7 6 6 8 6 6 8 6 6 6 6 6 6 6 6 6	1.00 0.5 0.5 0.6 0.6 0.7 0.6 0.7 1.1 1.1 0.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	2.6, 1.6, 2.7, 2.7, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6, 2.6	2 0 1 1 1 3 4 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	-1 2 0 1 1 2 1 3 3 5 6 6 10 0 2 2 1 1 1 5 6 6 2 2 2 YTD 4 4 1 1 1 7 7 7 3 3 6 6 8 8 0 9 9 4 4 5 5 5 2 4 1 1 2 2 1 1 1 1 1 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5
S&P Spot commodity * 405 0.3 1.6 1 2 S&P Bent Spot * 479 0.6 1.9 1 0 S&P Metals Spot * 333 -0.6 1.9 3 9	Naked TSEE 100 Carestoux 50 DAX CACC MARKER	19.438 3 3.94 4 4.925 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925 4 4.924 4 4.925	1.0 0.5 0.6 0.6 0.7 0.8 0.9	2.6, 1.6, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7	2 0 1 1 3 4 6 6 6 8 7 2 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 2 2 0 1 1 2 2 1 3 5 5 6 6 2 2 2 7 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1
5&P Metals Spot * 333 -0.6 1.9 3 9	Tisked to the control of the control	19.438 19.439 19	1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2.6. 2.3. 1.6. 2.3. 1.6. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2	2 0 1 1 3 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 2 0 1 1 2 1 3 3 5 6 6 6 2 2 7 1 1 3 3 6 8 8 8 4 1 1 2 1 1 1 1 3 3 6 9 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S&P Agricultural* 314 -0.2 1.8 4 5	Naked TSEE 100 10 Carestious 50 DAX CACC ACAC MARKER SAME ASS ARBERT ASS ARBE	19.438 19.439.1 19.438	1.00 0.5 0.4 0.6 0.7 0.7 1.1 0.5 0.7 1.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.6. 2.3. 1.6. 2.3. 1.6. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2	2 0 1 1 3 3 4 4 4 1 1 7 7 7 1 10 1 1 3 3 3 3 7 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1	-1 2 2 2 1 1 1 2 2 2 2 1 1 1 2 2 2 2 2 1 1 1 2
	Naked TRASE TOOL TEAST TOOL TEAST TOOL TEAST TOOL TOOL TEAST TOOL TOOL TOOL TOOL TOOL TOOL TOOL TOO	19.438 3 3.24 3	1.00 0.5 0.6 0.6 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2.6, 1.6, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7	2 0 1 1 3 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-1 2 0 0 1 2 2 1 1 2 2 1 1 3 3 5 6 6 6 10 0 2 2 1 1 1 6 2 2 2 1 1 1 4 4 4 5 5 5 2 4 1 1 1 1 3 2 2 4 1 1 1 1 3 2 2 4 1 1 1 1 3 2 2 4 1 1 1 1 3 2 2 5 5 3 3 1 1 1 2 2 1 1 1 1 3 2 2 2 4 1 1 1 1 3 2 2 2 4 1 1 1 1 3 2 2 2 5 5 3 3 1 1 1 2 2 1 1 1 1 3 2 2 2 5 5 3 3 1 1 1 2 2 1 1 1 1 3 2 2 2 5 5 3 3 1 1 1 2 2 1 1 1 1 3 2 2 2 1 1 1 1 1



Source: Bloomberg, Datastream and Haver

* With one day delay

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