

Market Comment | US inflation prints weaken the USD

Global Financial Markets Unit 13 Mar 2018

- The release of US inflation data for February (see) helped to ease worries about the possibly undesirable pace of tightening of monetary conditions by Fed. It showed an increase in prices in line with the market's expectations after last month's upward surprise. Consequently, according to the price of Fed Fund futures, concerns about a potential acceleration of Fed's tightening strategy moderated, hampering the USD.
- Against this backdrop, US equities remained almost unchanged, while equity volatility is hovering around 16% despite a new source of geopolitical uncertainty arising between Russia and the UK (see).
 Meanwhile, sovereign yields remained broadly unchanged in both the US and the EZ, in a context in which peripheral risk premiums remained in their recent lower bound.
- The USD depreciated across the board, triggered by US inflation data, and could also be hampered by
 the surprise replacement of the US Secretary of State (see). A weak USD fuelled the EUR appreciation
 and contributed to halt the recent positive trend in European equity markets, which dropped today.
- No clear trend in emerging currencies, as the USD's weakness was partially offset by commodity prices, mainly oil prices, which after a timid increase early this morning continued their downward trend as worries about US production still weigh.

Table 1 Update 17.45 CET 13 March 2018



Delet markets	10V % ch	anger in I	an)		
Debt markets US (2-yr)	level	anges in i Daily	Week 0.8	Month	YTD
US	2.85	-1.6	-3.5	18 0	34 39
GER (2-yr) Germany	-0.58 0.62	-0.4 -1.2	-3.0 -5.5	-1 -13	3 15
France Spain	0.86 1.40	-0.9 -0.8	-6.5 -9.4	-12 -16	-30
Italy Portugal	1.99	-0.9 -2.3		-15 -30	-19 -21
Greece	4.14	-2.1	-11.6 -17.7 1.9 -1.3	4	4
Japan (2-yr) Japan	-0.14 0.05	0.4 -0.3	-1.3	1	-4 1
Emerging Markets Brazil	9.48	Daily -8.8	-0.5	Monthly -46	-78
Chile Colombia	4.53 6.76	0.3 -12.9	-1.7 -15.4	-4 22	1 32
Mexico Peru	7.54 4.60	-0.2 6.7	-6.8	-20 6	-4 -28
Poland Russia	3.35	4.4	12.9 1.5 0.4	-24 -4	4
Turkey	7.19 12.22	-2.0	50.0	50	86
India Indonesia	7.67 6.77	3.5 -3.5	-11.4 7.2	18 40	28 47
Country ris Developed Markets	k (bp. chang	es in bp)	Mester	No contribution	YTD
10-yr sovereign spread vs Germany	icve.	Duny	recenty	morkity	
France Italy	24 137	0.3	-1.0 -3.8	-2	-4 -27
Portugal Spain	118 78	-1.1 0.4	-6.1 -3.9	-18 -4	-29 -30
2-yr so vereign spread vs Germany France					
Italy	11 34	0.2 -0.6	1.9 -2.3	-5 7	-6 -3
Portugal Spain	47 31	-1.9 0.2	4.0 -1.8	-20 -7	-21 4
Emerging Markets	level	Daily	Weekly	Monthly	YTD
Brazil	144	-0.1	-8	-21	-17
Chile Colombia	43 96	0.1 -1.9	-1 -5	-6 -5	-6 -9
Mexico	103	-0.8	- 4	-6	-3
Peru Poland	71 46	-0.8 -0.2	-5 -2	-6 -5	-1 -3
Russia Turkey	104 168	0.9 2.4	-2 -3	-8 -6	-14 -4
China	54	-0.8	-2	-10	3
India Indonesia	67 87	-0.8 -1.4	-3 0	-5 -4	-2 2
Risi Volatility indicators (change in no)	k indicators	Daily	Weakly	Monthly	YTD
Volatility indicators (change in pp) VIX	16	0.2	-2	-13	6
VSTOXX EM EFT volatility Index	17 20	1.2 -0.1	-2 -4	-18 -12	3
Dollar/euro volatility EM EX volatility index	7 8	0.1	-1	-3	0
Credit spread (BAA) (change in bps)	181	1.6	6	16	3
US bonds volatility index Inflation expectations (%)	58 level	-0.7 Daily	-5 Weekly	-13 Monthly	9 YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.43 1.70		4	-2 -5	11 -4
Banking 5y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	49 45	-0.4 -0.3	-3 -6	0	7 5
UK Large Spanish	41 39	-0.7 -0.8	-7 -7	-3 -3	0
Medium Spanish	68	1.0	-7	4	-6
Corporate 5y CDS (bps) * US Non-financial	level 144	Daily -0.4	Weekly -3	Monthly 0	YTD
EZ Non-financial	61	-0.3	-6	0	7 5
UK Non-financial Interbank mar	98 kets (%, che	-1.3 inges in b	-3 p)	1	5
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m Euribor 12 m	-0.36 -0.33	0	0	0	0
Euribor 12m Libor 3m	-0.19 2.11	2	7	30	-1 41
Libor 12m	2.56	2	6	26	46
	k markets (
Main indices S&P500	level 2,778	Daily -0.2	Weekly 1.8	Monthly 6	YTD 3
Main indices S&P500 Dow Jones	2.778 25.211	0.2 0.1	1.8 1.3		3 2
Main indices S&P500 Dow Jones Nikkei FTSE 100	2,778 25,211 21,968 7,139	0.2 0.1 0.7 -1.1	1.8 1.3 2.6 -0.1	6 4 3	3 2 -4 -7
Main indices S&P500 Dow Jones Nikkel FTSE 100 EuroStoux 50 IBEX	2,778 25,211 21,968 7,139 3,397 9,681	0.1 0.7 -1.1 -1.0 -0.5	1.8 1.3 2.6 -0.1 1.2 1.0	6 4 3 1 2	3 2 -4 -7 -3 -4
Main indices SAP500 Dow Jones Nikosi FTSE100 EuroStoxx 50 IBEX DAX	2,778 25,211 21,968 7,139 3,397 9,681 12,221	Daily -0.2 0.1 0.7 -1.1 -1.0 -0.5	1.8 1.3 2.6 -0.1 1.2 1.0 0.9	6 4 3 1 2 0	3 2 -4 -7 -3 -4 -5
Main indices \$AP\$00 Dow Jones Nikol FIESE 100 EwoStoxx 50 IBCX DAX CAC MIB	2,778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672	Daily -0.2 -0.1 -0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1	6 4 3 1 2 0 1 3 2	3 2 -4 -7 -3 -4 -5 -1 4
Mahahadea SAPS00 Down Jones Nation Na	2,778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519	Daily -0.2 -0.1 -0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 -0.4	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3	6 4 3 1 2 0 1 3 2 0 4	3 2 -4 -7 -3 -4 -5 -1 4 1 8
Habi Indices SAP500 Down Jones Nakel FEET TO GENERAL SERVICES GENERAL SERV	2,778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683	0.1 0.7 -0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 0.4 -0.7 0.0	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3	6 4 3 1 2 0 1 3 2 0 4 7	3 2 -4 -7 -3 -4 -5 -1 4 1 8 11
SAMPAGE SAMPAGE Down Jones Noted FTSE 10.0 Exercision 5.0 BEX DAX CAC AC	2.778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703	0.2 0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 0.4 -0.7 0.0 0.6	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7	6 4 3 1 2 0 1 3 2 0 4 7 2 3	3 2 -4 -7 -3 -4 -5 -1 4 1 8 11 -3 6
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SAPPING Dow Jones Noted FTSE TOO Execution SO AND AND AND AND AND AND AND AND AND AN	2,778 25,211 21,969 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964	Daily -0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 0.4 -0.7 0.0 0.6 -1.1	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.2	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5	3 2 -4 -7 -3 -4 -5 -1 4 1 1 8 11 -3 6 -4 10 1
SAME DISCOUNTS DOWN JOINES NOVE SAME SAME SAME SAME SAME SAME SAME SAM	2,778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,319 118,267 964	Daily -0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.7 -0.0 -0.6 -1.1 -0.1 -1.1 -0.1	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4	6 4 3 1 2 0 1 3 2 0 4 7 2 3 3 -1 6 4 5 6	3 2 -4 -7 -3 -4 -5 -1 4 1 8 111 -3 -6 -4 10 1 5
SAMP DIGGEO SAMP DO SAMP DIGGEO SAMP DIGGE	16vel 2.778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,264 3,310 6,413 level	Daily -0.2 0.1 0.7 -1.1 -0.5 -1.6 -0.4 -0.3 0.4 -0.7 -0.0 0.6 -1.1 -0.1 1.5 -0.5 -0.6 -0.4 -0.3 -0.5 -0.4 -0.3 -0.5	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 0.7	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5 6 -2 Monthly	3 2 -4 -7 -3 -4 -5 -1 4 1 8 11 -3 6 -4 10 1 5 -1 1
SAMP DISCOURS DOWN JOINS Noted FTSE TOO GENERAL STATEMENT STATEMEN	level 2.778 25.211 21.968 7.139 3.397 9.681 12.221 5.243 22.672 829 92.519 86.300 48.683 5.703 2.353 2.319 964 3.310 level 153.0 117.0 117.0 117.0	Daily -0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.4 -0.3 -0.4 -0.7 -0.0 -0.6 -0.1 -1.1 -0.3 -0.3 -0.1 -0.1 -0.1 -0.1 -0.5 -0.3 -0.3 -0.3 -0.1 -0.1 -0.5 -0.3 -	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 2.1 Weekly 2.1 1.6	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5 6 -2 Monthly 8	3 2 4 7 7 3 4 5 5 1 1 8 1 1 1 2 3 6 4 1 1 1 5 1 1 1 YTD 7 8
SAES DEPORT DOWN JOINS Noted FTSE 100 Exercision SO BEX MISCA MISCA ASS Afterns MISCA MISC	16vel 2.778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,264 3,310 6,413 level	Daily -0.2 0.1 0.7 -1.1 -0.5 -1.6 -0.4 -0.3 0.4 -0.7 -0.0 0.6 -1.1 -0.1 1.5 -0.5 -0.6 -0.4 -0.3 -0.5 -0.4 -0.3 -0.5	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 0.7	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5 6 -2 Monthly	3 2 -4 -7 -3 -4 -5 -1 1 8 11 -3 -6 -4 10 1 5 -1 1 7
SAMP SINCE OF SA	level 2:778 25:21968 7:139 3:397 9:681 12:221 5:243 22:672 829 92:519 86:300 3:357 3:319 118:267 964 3:310 6:413 level 153:0 117:0 75:5 32:6 58:6 58:6 58:6 58:6 58:6 58:6 58:6 58	0.2 0.1 1.1 1.0 0.5 1.6 0.6 0.4 0.7 0.0 0.6 1.1 1.5 0.3 0.1 0.5 0.3 0.1 0.5 0.3 0.1 0.5 0.3 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.5 0.7	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 4.1 Weekly 2.1 1.6 1.9 1.5 3.6	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5 6 -2 Monthly 8 6 2 7	3 2 4 7 3 4 5 1 1 8 11 1 5 1 1 TTD 7 8 1 1
SAPPING CONTROL OF CON	2,778 25,211 21,968 7,139 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310 6,413 1evel 153,0 117,0 75,5 32,6 270,6 270,6 270,6 20,8	Daily 0.2 0.1 1.6 0.6 0.6 0.7 0.7 0.0 0.6 0.5 0.3 0.4 0.1 1.5 0.5 0.3 0.4 0.7 0.0 0.6 0.5 0.3 0.4 0.7 0.0 0.6 0.5 0.3 0.4 0.7 0.0 0.6 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 -2.1 1.6 1.9 1.5 3.6 1.4 0.0	6 4 3 1 2 0 0 1 1 3 2 0 0 4 7 7 2 3 3 1 1 6 4 4 5 6 6 6 6 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	3 2 4 - 7 - 3 - 4 - 5 - 1 1 8 11 - 3 6 - 4 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAMPON CONTROL OF THE	2,778 25,211 21,968 7,139 9,681 12,221 5,243 22,672 829 92,519 86,300 48,630 3,355 2,319 118,267 964 3,310 6,413 16vel 153,0 117,0 75,5 32,6 270,6 6,20,8 62,6 13,6	Daily 0.2 0.1 1.0 0.5 1.0 0.6 0.4 0.3 0.5 0.5 0.3 0.5 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.7 0.5 0.5 0.5 0.7 0.5 0.5 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	1.8 1.3 2.6 9.1 1.2 1.0 0.9 9.1 1.4 2.1 1.3 8.8 1.7 1.2 0.5 2.1 1.0 0.7 1.3 4.4 0.5 2.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	6 4 3 3 1 2 0 0 1 1 3 2 0 0 4 7 7 2 3 3 -1 6 6 4 5 6 6 2 7 7 12 9 9 1 1 -1 -3 -3	3 2 4 4 7 3 4 4 5 1 1 1 2 3 6 6 4 1 1 1 TTT 7 8 1 1 9 1 2 6 6 0 1 1 - 2 - 2 1 2 6 0 0 1 1 - 2 - 2 1 2 1 2 1 2 6 6 0 1 1 - 2 1 2 1 2 6 6 0 1 1 - 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
SAMP SINCE OF SA	2,778 25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,319 118,267 964 3,310 117,0 75,5 32,6 58,6 6,413 154,0 117,0 75,5 52,6 58,6 52,6 62,6 62,6 62,6 62,6 62,6 62,6 62	Daily 0.2 0.1 1.0 0.2 0.1 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.6 1.9 1.9 1.5 1.6 1.9 1.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	6 4 3 3 1 2 0 0 1 3 2 0 0 4 7 7 2 3 3 -1 1 6 6 4 5 6 6 -2 1 9 1 1 -1 1 3 2 2	3 2 4 - 7 3 4 - 5 - 1 1 8 1 1 1 5 - 1 1 1 YTD 7 8 1 1 2 6 0 0 1 1 - 2 - 20
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SAPEDIO CONTROLLA DE LA CONTRO	Cord	Daily 0.2 0.5 1.8 0.5 1.8 0.9 0.4 0.9 0.4 0.7 0.5 1.8 0.9 0.4 0.9 0.9 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.8 1.3 2.6	6 4 3 3 1 2 2 0 0 1 3 3 2 2 0 0 4 4 7 7 2 2 3 3 -1 6 6 4 5 5 6 6 2 7 7 12 9 -1 -1 -1 -3 2 4 -1 3 3 -5 5	3 2 4 4 -7 3 4 4 -5 5 -1 1 8 1 1 1 5 5 -1 1 1 1 1 1 1 1 1 1 1 1 1 1
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SAMP SIGNED SAMP S	1.vcl 2.778 2.778 2.782 2.719 3.977 3.97 2.719 86,300 2.719 86,300 2.719 92,519 86,300	Daily 0.2 1.6 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	1.8 1.3 2.6 4.0 1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	6 4 3 3 1 2 2 0 1 3 2 2 0 0 4 7 7 2 3 3 -1 1 6 6 4 5 6 6 2 2 3 1 -1 -3 3 2 5 -1 1 -5 -6 6 9 1 1 -3 -1 -1 -3 -1 -1 -3 -1 -1 -3 -1 -1 -1 -3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 2 4 4 7 7 3 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPIDE CONTROLL OF THE CONTRO	1	Daily 0.2 1.11 1.5 0.3 1.12 0.5 1.0 0.5 1.0 1.11 1.5 0.3 0.5 1.0 0.5 1	1.8 1.3 2.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 3 1 2 2 0 1 3 3 2 2 0 4 4 7 7 2 3 3 4 1 5 6 6 2 7 7 12 9 1 1 3 3 2 4 4 1 1 3 3 5 5 1 1 5 5 6 6 9 9 1 1 3 3 1 1 5 5 5 6 9 9 1 1 3 3 1 1 5 5 5 6 9 9 1 1 3 3 1 1 5 5 5 6 9 9 1 1 3 3 1 1 5 5 5 6 6 9 9 1 1 3 3 1 1 5 5 5 6 6 9 9 1 1 3 3 1 1 5 5 5 6 6 9 9 1 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 7 7 3 4 4 1 8 8 11 1 1 7 10 7 8 1 1 9 12 6 0 0 1 1 2 2 2 0 6 6 3 3 1 1 3 0 0 6 6
SARPEDO DOWN ORIONS NAME OF THE PROPERTY OF TH	1	Daily 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8 1.3 2.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 3 1 1 2 0 1 1 3 2 2 0 0 4 7 7 2 3 3 -1 1 6 6 4 4 5 5 6 6 2 7 7 12 9 -1 1 -1 -3 2 2 4 -1 1 3 5 5 -6 6 9 9 1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	3 2 4 7 7 3 4 4 1 8 8 11 1 1 1 1 1 1 1 1 1 1 1 1 1
SAMP SON CONTROL OF THE STATE O	1, 1, 2, 2, 3, 3, 3, 1, 2, 3, 3, 3, 1, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	Daily 0.2 0.1 0.1 0.7 1.1 1.0 0.5 1.6 0.6 0.6 0.6 0.7 0.0 0.6 1.1 1.5 0.3 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.8 1.3 2.6 9.1 1.0 0.9 9.1 1.4 2.1 1.0 0.9 9.1 1.4 4.4 0.5 1.2 2.1 1.6 0.7 1.3 3.5 1.7 2.1 1.6 0.7 1.3 3.6 0.5 0.7 1.3 3.6 0.6 0.1 1.0 0.0 0.2 2.1 1.6 0.0 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	6 4 3 3 1 1 2 0 0 1 1 3 2 2 0 0 4 4 7 7 2 3 3 -1 1 6 6 2 2 Monthly 8 6 2 7 7 12 9 -1 1 -1 -3 2 -4 -1 -1 3 -5 -6 9 9 1 1 -3 -5 -5 -6 9 9 1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 2 4 7 7 3 4 4 7 7 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPING Down Jones Noted FTSE TOO CAC AND CAC	15.00 (1.00	Daily 0.2 Daily 0.2 Daily 0.2 Daily 0.2 Daily 0.2 Daily 0.2 Daily 0.5 Daily	1.8 1.3 2.6 1.0 1.1 1.2 1.0 1.2 1.1 1.2 1.1 1.2 1.2 1.1 1.2 1.2 1.1 1.2 1.2	6 4 3 3 1 1 2 0 0 1 3 2 2 0 4 4 7 2 2 3 3 -1 6 6 2 2 7 1 1 2 2 4 4 1 1 3 3 5 -1 1 -5 -6 6 9 9 1 1 -3 3 -3 -6 6 6 9 9 1 1 -3 3 -3 -6 6 6 9 9 1 1 -3 3 -3 -6 6 6 9 9 1 1 -3 3 -3 -6 6 6 9 9 1 1 -3 -3 -3 -6 6 6 9 9 1 1 -3 -3 -3 -6 6 9 9 1 1 -3 -3 -5 -6 6 9 9 1 1 -5 -5 -6 6 9 9 1 1 -5 -5 -6 6 9 9 1 1 -5 -5 -6 6 9 9 1 1 -5 -5 -6 6 9 9 1 1 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 9 1 1 -5 -5 -5 -6 6 9 1 1 -5 -5 -5 -6 6 9 1 1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 2 4 7 7 3 4 4 1 8 8 11 1 1 1 1 1 1 1 1 1 1 1 1 1
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SAMP SOCIAL STATES OF STAT	Envil 2 2,778 25,211 21,968 27,139 9,581 11,222 11,222 12,222 28,29 92,519 92,519 92,519 93,310 6,413 3,310 6,413 3,310 6,413	Daily 0.2 1.1 1.0 1.0 1.1 1.0 1.1 1.1 1.0 1.1 1.1	1.8 1.3 2.6 1.0 1.1 1.2 1.0 1.1 1.2 1.0 1.1 1.2 1.2	6 4 3 1 1 2 0 1 1 3 2 0 0 4 7 7 2 3 3 -1 1 6 6 4 4 5 5 6 2 2 7 7 1 2 9 1 1 2 1 3 3 5 -1 1 5 -5 6 9 1 1 3 -5 -5 6 9 1 1 3 -6 6 2 0 0 Monthly Mo	3 2 4 7 7 3 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPE DIO CONTROLL OF THE CONTR	Envil 2, 2,778 25,211 21,008 27,139 9,801 31,009 27,139 9,801 31,009 27,139 9,801 31,009 27,139 9,801 31,009 27,13	Daily 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.8 2.6 1.3 2.6 1.0 1.1 2.1 1.0 1.0 1.0 1.1 1.2 1.1 1.0 1.0 1.1 1.2 1.1 1.0 1.0 1.1 1.2 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 1 1 2 0 1 1 3 2 2 0 0 4 7 7 2 3 3 -1 1 6 6 4 5 5 6 2 2 7 7 1 2 9 1 1 2 1 2 5 6 6 2 2 7 7 1 2 9 1 1 -1 1 -1 3 -1 5 -1 1 -1 5 -3 3 -6 6 9 9 1 -2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 4 4 7 7 3 4 4 5 5 1 1 1 1 2 3 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAMP SIGN STATES OF STATES	Envil 2,278 25,211 25,21 25,21 25,21 25,21 25,21 25,243 22,672 25,243 22,672 25,243 22,672 25,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19 26,243 23,19	Daily 0.2 0.1 1.1 1.5 0.2 0.3 0.5 1.0	1.8 1.3 2.6 1.3 2.6 1.0 1.1 2.1 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.2 2.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	6 4 3 1 1 2 0 1 1 3 3 2 0 0 4 7 7 2 3 3 -1 6 6 2 7 7 12 9 -1 1 3 3 2 4 -1 1 3 3 -5 6 6 9 1 1 3 3 -5 6 6 9 1 1 3 3 -6 6 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 4 7 7 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAMPS DE CONTROLLES DE CONTROL	Envil 2, 2,778 25,211 1,20 2,10 2,10 2,10 2,10 2,10 2,10	Daily 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.8 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.2 2.1 1.2 2.1 1.3 3.8 3.1 1.7 1.2 2.1 1.3 1.3 2.6 1.3 2.6 1.3 2.1 1.3 2.1 1.3 2.6 1.3 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 1.5 2.1 1.5 2.	6 4 3 1 1 2 0 0 1 1 3 2 2 0 0 4 4 7 7 2 3 3 -1 6 6 4 5 5 6 6 2 7 12 9 9 -1 -1 3 3 2 2 4 1 1 3 3 5 5 -6 6 9 1 1 3 3 6 6 2 7 1 2 7 1 3 3 6 6 2 7 1 2 7 1 3 3 6 6 9 1 1 3 3 6 6 9 1 1 3 3 6 6 9 1 1 1 3 3 6 6 9 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 2 4 7 7 3 4 4 5 1 1 8 8 11 1 8 8 1 1 1 1 5 1 1 1 1 1
SAPE DIO CONTROLL OF CONTROLL	15.00 1.00	Daily 0.2 0.2 0.1 0.2 0.1 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.0 0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.8 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.2 2.1 1.3 2.6 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.3 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 1.5 2.1 2.1 1.5 2.1 2.1 1.5 2.1 2.1 1.5 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	6 4 3 1 1 2 0 0 1 1 3 2 2 0 0 4 4 7 7 2 2 3 3 -1 6 6 2 2 7 1 2 9 -1 -1 3 3 2 2 4 4 -1 3 3 5 5 -1 6 6 9 1 1 3 3 -1 6 6 9 1 1 3 3 3 3 6 6 9 1 1 3 3 3 3 6 6 9 1 1 3 3 3 3 6 6 9 1 1 3 3 3 3 3 6 6 9 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 2 4 7 7 3 4 4 5 1 1 8 8 11 1 1 1 2 6 6 4 1 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SARPERON SAR	Envil Envi	Daily Oct Oc	1.8. 1.3. 2.6. 1.3. 2.6. 1.1. 2.6. 1.1. 2.6. 1.1. 2.7. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.1. 1.2. 2.6. 2.1. 1.3. 2.6. 2.1. 1.2. 2.6. 2.1. 1.3. 2.6. 2.1. 1.2. 2.6. 2.1. 1.3. 2.1. 2.1. 2.1. 2.1. 2.1. 2.1	6 4 3 1 1 2 0 1 1 2 0 1 1 2 0 1 1 2 1 2 1 2 1	3 2 4 7 3 4 4 5 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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SAPE DIO CONTROLL OF THE SAPE	1.00 1.00	Daily Oct Oc	1.8. 1.3. 2.6. 1.3. 2.6. 1.1. 2.6. 1.1. 2.6. 1.1. 2.6. 1.1. 2.1. 2	6 4 3 1 1 2 0 1 1 1 2 0 1 1 1 2 1 2 1 2 1 2 1	3 2 4 7 3 3 4 1 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAMP SIGNED SAMP S	12-21 12-22 12-2	0.10 0.2 0.1 1.0 0.2 0.1 1.0 0.2 0.1 1.0 0.2 0.1 1.0 0.2 0.2 0.1 1.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0	1.8. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.1. 1.0. 1.1. 1.1. 1.1. 1.1. 1.1. 1	6 4 3 1 2 2 0 1 1 3 2 2 0 4 7 7 7 1 2 2 3 1 4 6 6 4 9 2 7 1 2 2 9 1 1 1 3 3 2 6 6 9 9 1 1 1 3 3 3 6 6 9 1 1 3 3 3 6 6 9 1 1 1 3 3 3 6 6 9 1 1 1 3 3 3 6 6 9 1 1 1 3 3 3 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 7 3 3 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAME DISCOURS SA	15-00 15-0	0.10 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.8	6 4 3 1 1 2 0 0 1 1 3 2 2 0 0 4 7 7 2 3 3 1 6 6 6 2 7 7 12 9 1 1 3 3 5 1 1 5 5 6 6 9 1 1 3 3 5 5 1 1 1 6 7 6 7 1 2 2 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 7 3 3 4 1 1 8 1 1 1 3 3 6 6 1 1 1 1 1 2 2 2 2 0 6 6 7 7 4 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1
SAPE DISC. DOW JOINS SAPE DISC. DOW JOINS Noted FT SE TON SO BERLEY AND SO AND	1.00 1.00	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	1.8. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7	6 4 3 3 1 2 2 0 1 1 3 2 2 0 4 7 7 7 2 3 3 1 1 6 4 5 2 7 7 1 2 2 1 3 1 1 1 3 3 5 1 1 3 3 5 1 1 3 3 5 1 1 3 3 6 6 9 0 9 1 1 4 1 3 3 6 2 0 0 9 1 1 4 1 3 3 6 2 0 0 9 1 1 4 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 4 7 3 3 3 3 5 5 7 1 1 2 2 1 1 3 3 3 3 5 5 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SAME SAME SAME SAME SAME SAME SAME SAME	Event 2,276 25,211 21,000 21,	Daily Dail	1.8. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.1. 1.0. 1.1. 1.1. 1.1. 1.1. 1.1. 1	6 4 3 1 2 2 3 1 1 2 2 2 3 3 1 1 6 6 5 6 6 2 7 7 12 9 1 1 1 1 3 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 4 7 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPE SIGN SAPE SAPE SAPE SAPE SAPE SAPE SAPE SAPE	Event 2,276 25,211 21,000 25,211 21,000 21,	0.10 0.2 0.1 1.0 0.2 0.1 1.0 0.2 0.1 1.0 0.2 0.2 0.1 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	1.8. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1.1	6 4 3 3 1 2 2 0 1 1 3 2 2 0 0 4 4 5 6 6 2 2 7 7 1 2 9 1 1 1 3 3 1 5 6 6 9 2 7 7 1 2 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 4 2 3 3 4 4 5 5 1 1 1 1 2 6 6 6 1 1 1 1 2 2 0 6 8 1 1 1 2 2 0 6 6 1 1 2 2 1 1 1 1 1 2 2 1 2 2 2 2 2 2
SAPE DIO CONTROLL OF THE SAPE	12-21 12-22 12-2	0.10 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.8. 1.3. 2.6. 1.3. 2.6. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1	6 4 3 3 4 2 2 0 0 1 1 2 2 0 0 0 4 4 5 5 6 6 2 2 7 7 2 1 2 7 1 2 1 2 1 2 1 2 1 2 1 2	3 2 4 4 2 4 4 4 1 1 1 1 1 1 2 3 6 6 1 1 1 2 2 1 1 2 2 2 1 1 2 2 2 2 1 1 3 3 3 3
SARPERION SARPER	Envil Proceedings Procee	Delity Oct O	1.8. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.3. 2.6. 1.2. 1.2. 1.2. 1.2. 1.2. 1.2. 1.2	6 4 3 3 4 3 4 4 4 4 4 5 4 5 6 6 6 9 7 7 12 9 9 9 1 1 3 3 5 6 6 9 9 1 1 3 3 5 6 6 9 1 1 1 5 5 6 6 9 1 1 1 5 5 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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SARPERION SARPER	12-21 12-22 12-2	0.20 0.1 0.7 1.10 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.	1.8. 1.3. 2.6. 1.3. 2.6. 1.0. 2.6. 1.0. 2.6. 1.0. 2.6. 1.0. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6. 2	6 4 3 3 1 2 2 0 0 1 1 3 2 2 1 4 4 5 6 6 2 2 7 7 7 7 2 3 3 6 6 2 2 7 3 1 1 5 5 6 6 9 9 1 1 3 2 2 4 4 4 1 3 3 3 5 5 1 1 5 5 6 6 9 1 1 2 2 4 4 4 1 3 3 3 5 5 1 1 1 5 5 6 6 9 1 1 2 1 2 2 4 4 4 1 3 3 3 5 5 1 1 1 5 5 6 6 9 1 1 2 1 2 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 2 1 2 4 4 4 1 3 3 3 5 5 1 1 1 3 3 1 3 1 3 1 3 1 3 1	3 2 4 4 7 3 3 3 4 4 5 4 7 4 9 6 6 9 7 7 7 7 8 8 10 9 6 6 9 9 5 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9





Debt market:	s (10Y, %, ch	anges in	op)		
US (2-yr)	2.26 2.85	-0.4	0.8	Month 18	YTD 34
US GER (2-yr)	-0.58	-1.6 -0.4 -1.2	-3.5 -3.0	-1	39
Germany France	0.62 0.86	-0.9	-5.5 -6.5	-13 -12	15 4
Spain Italy	1.40 1.99	-0.8 -0.9	-9.4 -9.3	-16 -15	-30 -19
Portugal Greece	1.80 4.14 -0.14	-2.3 -2.1	-11.6 -17.7 1.9	-30 4	-21 4
Japan (2-yr) Japan	-0.14 0.05	0.4 -0.3		1	1
Emerging Markets Brazil	9.48	Daily -8.8	Weekly -0.5	Monthly -46	-78 1
Chile Colombia	4.53 6.76	0.3 -12.9	-1.7 -15.4	-4 22	32
Mexico Peru	7.54 4.60	6.7	-6.8 12.9	-20 6	-4 -28
Poland Russia	3.35 7.19	4.4 -0.1	1.5 0.4	-24 -4	-45
Turkey India	12.22 7.67	-2.0 3.5	50.0 -11.4	50 18	86 28
Indonesia Country r	6.77 isk (bp, chang	-3.5 res in bp)	7.2	40	47
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	24 137	0.3	-1.0	0	-4
Italy Portugal	118	0.3 -1.1	-3.8 -6.1	-2 -18	-27 -29
Spain 2-yr sovereign spread vs Germany	78	0.4	-3.9	-4	-30
France Italy	11 34	0.2	1.9	-5 7	-6 -3
Portugal Spain	47 31	-1.9 0.2	4.0 -1.8	-20 -7	-21 4
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	144	-0.1	-8	-21	-17
Chile Colombia	43 96	0.1 -1.9	-1 -5	-6 -5	-6 -9
Mexico Peru	103 71	-0.8 -0.8	-1 -5	-6 -6	-3 -1
Poland Russia	46 104	-0.8 -0.2 0.9	-2	-5 -8	-3 -14
Turkey	168	0.9 2.4 -0.8	-3	-6	4
China India	54 67	-0.8	-2 -3	-10 -5	-2
Indonesia Ri	87 isk indicators	-1.4	0	-4	2
Volatilty indicators (change in pp) VIX	level 16	Daily 0.2	Weekly -2	Monthly -13	YTD 6
VSTOXX	17	1.2	-2 -4	-18 -12	3
EM EFT volatility Index Dollar/euro volatility	7	-0.1	- 4	-3	0
EM FX volatility index Credit spread (BAA) (change in bos)	8 181	0.0 1.6	6	-2 16	3
US bonds volatility index Inflation expectations (%)	58 level	-0.7 Daily	-5 Weekly	-13 Monthly	9 YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.43 1.70	-	4	-2 -5	11 -4
Banking 5y CDS (bps) *		Daily	Weekly	Monthly	YTD
US EZ	49 45	-0.4 -0.3	-3 -6	0	7 5
UK Large Spanish	41 39	-0.7 -0.8	-7 -7	-3	0
Medium Spanish Comporate Sy CDS (bos) *	68	1.0 Daily	-2 Weekby	4 Monthly	-6 YTD
US Non-financial	144	-0.4	-3 -6	0	7
EZ Non-financial UK Non-financial	61 98	-0.3 -1.3	-3	1	5 5
Interbank m	arkets (%, che level	inges in b Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0	0	0	1 0
Euribor 3m Euribor 12m Ubor 3m	-0.19 2.11	0	7	0 30	-1 41
Libor 12m	2.56	2	6	26	46
Sto Main indices	ck markets (Monthly	YTD
S&P500	2,778	Daily -0.2	Weekly 1.8	6	3
S&P500 Dow Jones Nikkel	25,211	-0.2 0.1 0.7	1.8 1.3 2.6	6 4 3	2 -4
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	25,211 21,968 7,139 3,397	-0.2 0.1 0.7 -1.1 -1.0	1.8 1.3 2.6 -0.1 1.2	6 4 3 1 2	-2 -4 -7 -3
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	25,211 21,968 7,139 3,397 9,681	-0.2 0.1 0.7 -1.1 -1.0 -0.5	1.8 1.3 2.6 -0.1 1.2 1.0	6 4 3 1 2	-4 -7 -3
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	25,211 21,968 7,139 3,397 9,681 12,221 5,243	-0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4	6 4 3 1 2 0 1 3	2 -4 -7 -3 -4 -5 -1
S&P500 Dow Jones Nikleri FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829	-0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8	6 4 3 1 2 0 1 3 2	2 -4 -7 -3 -4 -5 -1 4
SAP 500 Down Jones Nikleri FTSE 100 Euro 510 xx 50 BBCX DAX CAC MIB MSC Latam * MSC Latam * Mbovespa (Brazib)	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300	0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 -0.4 -0.7	1.8 1.3 2.6 •0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3	6 4 3 1 2 0 1 3 2 0 4 7	2 -4 -7 -3 -4 -5 -1 4 1 8 11
\$49500 Down Jones Nikes FFES TOO EuroStoox \$0 BEXX DAX CAC MIB MSQ Latum* blowcapa (Bazzō) ModOd	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703	-0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 0.4 -0.7 0.0 0.6	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2	6 4 3 1 2 0 1 3 2 0 4 7 2 3	2 -4 -7 -3 -4 -5 -1 4 1 8 11 -3 6
SAPPSO Dow Jones Nikel FFSE TO Essed Source BEX A MARIE BEX A A MARIE A A A A B A A B A B A B A B A B A B A	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683	-0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 0.4 -0.7 0.0 0.6 -1.1	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2	6 4 3 1 2 0 1 3 2 0 4 7	2 -4 -7 -3 -4 -5 -1 -4 -1 -8 -11 -3
SAEPSO Down Jones Nikel TESE TO EtaroStoux 50 BEX AN AN AN AN AN AN AN AN AN A	25.211 21.968 7.139 3.397 9.681 12.221 5.243 22.672 829 92.519 86.300 48.683 5,703 2.353 2.319	0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.4 -0.3 0.4 -0.7 0.0 0.6 -1.1 -0.1	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3	6 4 3 1 2 0 1 3 2 0 4 7 2 3	2 -4 -7 -3 -4 -5 -1 4 1 8 11 -3 6 -4 10 1
SAPSOO DOWN JONES NAVES THE TOO S BEX DAX CAC AC	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310	-0.2 0.1 0.7 -1.1 -1.0 -0.5 -1.6 -0.6 -0.4 -0.3 0.4 -0.7 -0.0 0.6 -1.1 -1.1 -1.1 -1.1 -1.1 -1.0 -1.5	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5 6	2 4 -7 -3 -4 -5 -1 4 1 8 11 -3 -6 -4 10 1 5 -4
SAEPSO Down Jones Nikele 1791E TOO Down Jones Nikele 1791E TOO DAX ACACAC ACAC ACAC ACAC ACAC ACAC ACA	25,211 21,968 7,139 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310 6,413	0.2 0.1 0.7 1.1 1.0 0.5 1.6 0.6 0.4 0.7 0.0 0.6 1.1 0.1 0.1 0.1 0.5 1.6 0.8 0.4 0.7 0.0 0.6 0.6 0.6 0.7 0.0 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 2.1	6 4 3 1 2 0 1 1 3 2 0 4 4 7 2 3 3 -1 6 4 5 6 -2 Monthly	2 -4 -7 -3 -4 -5 -1 4 1 8 11 -3 -6 -4 10 1 5 -1 1 1 5
SAPSOO Down Jones Nikele FISE TOO CLEWSTON SOO DAX CACAC MASS APPENS MASS LIMBER MASS CLEMENS	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310 6,413 level 153,0	0.2 0.1 0.7 1.1 1.0 0.5 1.6 0.6 0.4 0.3 0.4 0.7 0.0 0.6 1.1 1.5 0.5 0.5 1.6 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	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 -2.1 Weekly 2.1 1.6	6 4 3 1 2 0 1 1 3 2 0 0 4 4 7 2 3 31 6 4 4 5 5 6 6 -2 Monthly 8 6	2 -4 -7 -3 -4 -5 -1 4 11 -3 -6 -4 10 1 5 -1 1 7 8
SAPS00 Down Jones Niked TFSE TOO S Niked TFSE TOO S BEX DAX CAC AMBR. MSC Latter Blooverage Blood MSCI DM Latter Blooverage Blood MSCI DM Latter Polytic MSCI DM Latter Blooverage Blood MSCI DM Latter Blooverage Blood MSCI DM Latter Blooverage Blood MSCI DM Latter Blood MSCI DM La	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 2,353 2,379 118,267 964 3,310 6,413 level	0.2 0.1 0.7 1.1 -1.0 0.5 -1.6 0.6 -0.4 -0.3 0.4 -0.7 0.0 0.6 -1.1 0.1 1.5 -0.3 0.3 0.4 0.5 0.6 0.6 0.6 0.7 0.0 0.5 0.7 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.8 1.3 2.6 -0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 2.1	6 4 3 3 1 2 0 1 3 2 0 4 7 7 2 3 3 -1 6 4 4 5 6 6 -2 Monthly 8	2 -4 -7 -3 -4 -5 -1 4 1 1 8 11 -3 -6 -4 10 1 5 -1 1 7
SAPSBO Down Jones Notes Notes 154 E 100 S BEST SO S BEST	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 89 92,519 86,300 48,683 5,703 2,353 2,353 2,319 118,264 3,310 6,413 1evel 153,0 117,5 32,6 58,6 58,6	0.2 0.1 0.7 -1.1 -1.0 0.5 -0.6 0.4 -0.7 0.0 0.6 -1.1 0.1 0.5 -0.5 -0.3 0.3 0.4 -0.7 0.0 0.5 0.6 0.6 0.7 0.7 0.5 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 2.1 Weekly 2.1 1.6 1.9 1.5 3.6	6 4 3 1 2 0 1 3 2 0 4 4 7 7 2 3 3 -1 6 6 4 5 6 6 -2 Monthly 8 6 2 7 1 1 2	2 4 7 -3 -4 -4 -5 -1 1 8 11 13 -6 -4 -4 10 1 5 -1 1 7 8 8 1 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1
SAPSBO Down Jones Niked TFE TOO TOWN JONES NIKED THE TOO TOWN JONES THE TOO TOWN JONES THE TOWN	25,211 21,968 7,139 3,397 9,681 12,243 22,672 829 92,519 86,300 48,683 5,703 2,379 118,267 964 3,310 6,413 153,0 117,0 75,5 32,6 58,6 20,6 20,6 20,6 20,6 20,6 20,6 20,6 20	-0.2 0.1 1.0 0.7 1.1 1.0 0.5 1.6 0.6 0.6 0.7 0.0 0.0 0.1 1.1 1.5 0.3 0.3 0.4 0.1 1.5 0.3 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 3.8 1.7 1.2 0.6 0.7 1.3 4.4 0.6 2.1 Weekly 2.1 1.6 1.9 1.5 3.6 1.4 0.0	6 4 3 1 2 0 1 3 2 0 4 7 2 3 -1 6 4 5 6 -2 Monthly 8 6 2 7 12 9 -1	2 4 -7 -3 -4 -5 -1 1 8 11 -3 -6 -4 10 1 1 5 -1 1 1 7 8 8 1 1 1 5 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAEPSO Down Jones Nikes	25,211 21,968 7,139 3,397 9,681 12,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310 117,00 117,0 117,0 117,0 117,0 117,0 108,8 6,26 108,8	-0.2 0.1 0.7 1.1 1.0 0.5 1.6 0.6 0.4 0.3 0.4 0.7 0.0 0.6 1.1 0.1 1.5 0.5 0.8 0.5 0.7 0.8 0.5 0.7 0.0 0.8 0.5 0.7 0.0 0.8 0.5 0.7 0.0 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.8 0.5 0.5 0.7 0.8 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	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 1.3 0.8 1.7 1.2 0.6 0.7 1.3 4.4 1.7 1.2 1.5 3.6 1.9 1.5 3.6 0.9 0.7 1.5 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	6 4 3 3 1 2 0 1 3 2 2 0 4 7 7 2 3 3 -1 6 4 4 5 5 6 6 2 2 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2	2 -4 -7 -3 -3 -4 -1 -1 -8 -1 -1 -3 -6 -4 -4 -1 -1 -7 -8 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPSGO Down Jones Nibed	25,211 21,968 7,139 3,397 9,681 12,243 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310 117,0 1	0.2 0.1 0.7 1.1 1.0 0.5 1.6 0.6 0.4 0.3 0.4 0.7 0.0 0.6 1.1 0.1 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	6 4 3 3 1 2 0 0 1 3 3 2 2 0 0 4 7 7 2 2 3 3 -1 6 6 4 4 5 5 6 6 2 2 7 7 12 9 9 -1 1 -1 3 2 2 4 4	2 4 7 -3 3 4 5 5 -1 1 8 11 3 6 6 4 1 1 5 -1 1 1 7 8 1 1 7 7 8 1 1 1 1 1 1 1 1 1 1
SAPSGO Down Jones Naked	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 48,683 2,353 2,353 2,353 118,267 964 3,310 117,0 117,0 75,5 32,6 58,6 20,6 108,8 62,6 113,8 114,2 3,14 2,8 114,8 11	0.2 0.1 0.7 1.1 1.0 0.5 1.6 0.6 0.4 0.7 0.0 0.6 1.1 1.5 0.5 0.3 0.5 1.6 0.5 0.7 0.8 0.5 1.0 0.7 0.7 0.8 0.5 1.0 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 2.1 1.3 1.8 1.3 1.3 1.3 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	6 4 3 3 1 2 2 0 1 1 3 2 2 4 4 1 3 3 2 2 4 4 1 3 3	2 4 7 -7 -3 -3 -4 -5 -1 -1 -1 -8 -1 -1 -5 -4 -1 -7 -8 -1 -1 -7 -7 -8 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPSOO Down Jones Notes Notes STS ET STO STS ET STO DAX CACA MARKET STORM SASS ARMONIS MARKET STORM MARKET ST	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,519 86,300 48,683 48,683 2353 2339 118,267 964 3,310 117,0 75,5 32,6 58,6 270,6 108,8 62,6 13,6 12,8 14,2 3,0 45,6 16,8 88,7	0.2 0.1 0.7 1.1 1.0 0.5 1.6 0.4 0.7 0.0 0.6 0.4 0.7 0.0 0.1 0.1 0.1 0.1 0.5 0.5 0.6 0.6 0.7 0.0 0.6 0.7 0.7 0.8 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 1.3 8.8 1.7 1.2 1.0 0.7 1.3 8.8 1.7 1.2 1.5 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.5 1.6 1.9 1.7 1.5 1.6 1.9 1.7 1.5 1.6 1.9 1.7 1.5 1.6 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 3 1 2 2 0 1 1 3 3 2 2 4 4 1 3 3 5 5 1 1	2 4 7 -3 4 4 5 -1 1 8 11 3 6 4 4 10 0 1 5 -1 1 1 7 8 1 1 7 8 1 1 1 7 8 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1
SAPSGO Down Jones Nibed	25,211 21,968 7,139 3,397 9,681 12,221 52,43 22,672 829 92,519 86,300 48,683 5,703 2,353 2,319 118,267 964 3,310 6,413 ievel 153,0 175,5 32,6 58,6 20,6 108,8 62,6 13,6 12,8 14,2 3,0 45,6 16,8 88,7 697,8	0.2 0.1 0.7 1.1 1.0 0.6 0.6 0.4 1.1 1.5 0.5 0.8 0.5 0.7 0.7 0.5 1.8 0.5 0.7 0.7 0.5 1.8 0.5 0.7 0.7 0.5 1.8 0.5 0.7 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.7 0.5 1.8 0.9 0.9 0.7 0.5 1.8 0.9 0.9 0.7 0.5 1.8 0.9 0.9 0.7 0.5 1.8 0.9 0.9 0.7 0.5 1.8 0.9 0.9 0.7 0.5 1.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 1.3 8.8 1.7 1.2 1.1 3.8 1.7 1.2 1.0 1.0 1.1 1.3 1.3 1.3 1.7 1.2 1.1 1.6 1.0 1.0 1.1 1.3 1.3 1.7 1.2 1.1 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 3 1 2 2 0 1 1 3 2 2 4 4 1 3 3 5 5	2 4 4 7 -3 4 4 5 5 -1 1 8 111 -3 6 6 4 1 1 5 -1 1 1 1 7 TD 7 8 1 9 12 6 0 0 1 -2 20 0 6 7 -4 9
SAPSGO Down Jones Nation Natio	25,211 21,968 7,139 3,397 9,681 12,221 5,243 22,672 829 92,59 88,000 88,000 3,703 2,353 2,353 2,353 2,353 2,353 2,353 2,353 2,353 2,353 2,353 2,350 117,00 117,00 75,5 32,6 620,6 13,6 620,6 13,6 620,6 13,6 620,6 13,6 620,6 13,6 620,6 13,6 620,6 63,6 63,6 63,6 63,6 64,6 88,7 697,8 697,8 697,8 697,8 697,8 697,8 697,8	0.2 0.1 0.7 1.1 1.0 0.5 0.3 0.4 1.1 1.5 0.5 0.8 0.5 0.7 0.7 0.5 1.0 0.	1.8 1.3 2.6 0.1 1.2 1.0 0.9 1.4 1.3 8.8 1.7 1.2 1.1 3.8 1.7 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 1 2 2 0 1 1 3 2 2 0 4 4 7 7 2 3 3 -1 6 6 4 4 5 5 6 2 7 7 12 9 1 -1 -1 -1 -3 2 2 4 -1 1 3 5 5 -6 6 9	2 4 4 7 -3 4 4 5 5 -1 1 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Nation SAPPSO Nation SAPPSO SAPPS	25.211 21.968 7.139 9.661 22.672 872 872 873 9.753 873 9.753 873 873 873 1173 1174 1175 1175 1175 1175 1175 1175 1175	0.1 0.1 0.7 1.1.0 0.5 1.6 0.6 0.6 0.6 0.6 0.7 0.0 0.7 0.0 0.6 1.1 1.5 0.5 0.7 0.3 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.8 do 1.1 do 1.2 do 1.	6 4 3 1 1 2 0 0 1 3 2 0 0 4 7 2 3 3 1 1 6 6 4 5 5 6 6 2 7 7 12 9 1 1 3 3 2 4 1 1 3 3 5 1 1 5 5 5 6 6 9 1 1 3 3 5 1 5 5 6 6 9 1 1 3 3 5 1 5 5 6 6 9 1 1 3 3 5 1 5 5 6 6 9 1 1 3 3 5 1 5 5 6 6 9 9 1 1 3 3 5 1 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 5 6 6 9 9 1 3 3 5 1 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 5 5 6 9 9 1 3 3 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 4 4 7 - 3 4 4 5 5 - 1 1 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSBO Down Jones Notes Notes 194	25.211 21.968 7.139 9.8691 2.197 9.8691 2.197 9.8691 2.2197 9.8691 2.198 2.199	0.2 0.1 0.7 1.1 0.7 1.1 0.5 0.5 0.5 0.5 1.8 0.9 0.9 0.4 1.0 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.8 0.5 0.5 1.9 0.7 0.5 1.9 0.8 0.5 0.5 1.9 0.9 0.9 0.8 0.5 0.5 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	1.8 1.3 2.6 9.1 1.0 0.9 9.1 1.4 2.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	6 4 3 1 1 2 0 0 1 3 2 0 0 4 7 2 3 3 4 1 6 6 4 5 6 6 2 7 7 12 9 1 1 3 3 2 4 4 1 1 3 5 5 1 5 6 6 9 9 1 3 3 1 5 5	24 44 77 -3 44 -5 -1 1 8 11 13 -6 -4 10 0 1 1 5 -1 1 1 1 7 7 8 8 1 1 1 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SAPSOO Down Jones Niked Niked Down Jones Niked Down Jones Niked Down Jones Do	25.211 21.968 7.139 9.687 1.397 9.687 1.221 3.247 9.687 1.221 3.247 1.221 1.22	0.2 0.1 0.7 1.1 1.1 1.1 0.5 0.6 0.6 0.6 0.6 0.7 0.0 0.8 0.5 1.1 0.7 0.8 0.5 1.0 0.7 0.8 0.5 1.1 0.7 0.8 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.8 1.3 2.6 9.1 1.2 1.0 0.9 9.1 1.4 2.1 1.6 1.0 0.9 1.4 2.1 1.0 0.9 1.4 2.1 1.0 0.6 0.5 1.7 1.2 1.6 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 1 1 2 0 1 1 3 2 2 0 0 4 7 7 2 3 3 1 1 6 6 2 7 7 12 9 9 1 1 3 3 5 5 1 1 5 5 6 6 9 9 1 3 3 1 5 5 3 3 3 3	24 44 -7, -3, -4, -5, -1, -1, -1, -1, -1, -1, -1, -1, -1, -1
SAPSBO Down Jones Naked	25.211 21.968 7.139 9.8681 22.672 9.8681 22.672 9.86830 48.683 9.6630 48.683 5.138 6.263 6	0.2 0.1 0.7 1.1.1 1.5 0.5 0.5 0.7 0.8 0.8 0.5 0.7 0.7 1.1.2 0.3 0.9 0.5 0.5 0.7 0.7 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.8 0.8 0.5 0.7 0.7 0.8 0.8 0.5 0.7 0.7 0.8 0.8 0.5 0.7 0.7 0.7 0.8 0.8 0.8 0.5 0.5 0.7 0.7 0.8 0.8 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8 1.3 2.6 9.1 1.0 0.9 9.1 1.7 1.3 1.8 1.3 1.3 1.3 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 4 3 1 2 0 1 1 3 3 2 0 0 4 7 7 2 3 3 4 4 5 6 2 2 7 7 12 9 9 1 1 3 3 3 5 5 1 1 5 5 6 9 9 1 1 3 3 1 5 5 6 9 9 1 1 5 5 3 3	24 -44 -77 -34 -4- -51 -11 -11 -15 -11 -11 -17 -17 -17 -17 -17 -17 -17 -17
SAPSBO Down Jones Notes Notes Notes ST SET STO ST STO ST SET STO ST SET STO ST S	25.211 2.1968 2.1968 2.1968 2.1968 2.2672 2.2672 2.2672 2.27	0.2 0.1 0.7 0.1 0.7 0.1 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.9 0.4 0.9 0.9 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.8	6 4 3 1 1 2 0 1 1 3 2 0 0 4 7 7 2 3 3 4 6 6 4 4 5 5 6 6 2 7 7 12 9 9 4 4 1 3 3 5 5 1 4 5 6 6 9 1 1 3 3 5 6 6 9 1 1 3 3 3 6 6 6 6 9 1 1 3 3 3 6 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 -44 -77 -34 -5-1 -1 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -2 -2 -2 -3 -3 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPSOO Down Jones Niked	25.211 21.968 27.1399 39.881 12.221 22.89 39.881 12.221 12.221 13.227 13.237 13	0.2 0.1 0.7 0.1 0.1 0.7 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	1.8	6 4 3 1 1 2 0 1 1 3 2 0 1 1 3 3 2 0 1 4 7 7 2 2 3 1 1 6 6 2 7 7 12 9 9 1 1 1 3 3 2 2 4 1 1 3 3 5 5 6 6 6 2 7 7 12 9 9 1 1 1 5 5 6 6 6 2 7 7 12 9 9 1 1 1 1 3 3 2 2 4 1 1 1 3 3 3 3 4 6 6 2 0 0 Monthly	24 -4 -7 -7 -3 -4 -4 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -2 -2 -2 -3 -8 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPSOO Down Jones Niked	25211 21.068 7.139	0.2 0.1 0.1 0.7 0.1 0.5 1.6 0.6 0.6 0.6 0.5 0.1 1.1 1.5 0.5 0.5 1.0 0.8 0.5 1.0 0.5 1.	1.8 1.3 2.6 1.0 1.1 1.2 1.0 1.1 1.2 1.0 1.1 1.2 1.1 1.	6 4 3 1 1 2 0 1 1 3 2 0 0 4 7 7 2 3 1 1 6 6 4 4 5 5 6 6 2 7 7 12 9 9 1 1 1 3 3 2 2 4 4 1 1 3 3 5 5 6 6 6 2 7 7 12 9 9 1 1 1 5 5 6 6 6 2 7 7 12 9 9 1 1 1 5 5 6 6 6 2 7 7 12 9 9 1 1 1 5 5 6 6 6 2 7 7 12 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 44 -7 -3 -3 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPSBO Down Jones Noted Noted Noted STREET ON SO NOTED NOTE	25,211 21,1968 21,1968 22,1968 22,1968 22,1978 22,1978 22,1978 22,1978 22,1978 23,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 24,1978 25,1978	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.5 1.6 0.6 0.6 0.2 0.0 0.5 1.8 0.5 1.0 0.8 0.5 1.0 0.5 1.	1.8 1.3 2.6 1.0 1.1 1.2 1.0 1.1 1.2 1.2	6 4 3 1 1 2 0 1 1 3 2 2 0 1 4 7 7 2 3 3 -1 6 4 4 5 5 6 6 2 7 7 12 9 1 1 1 1 1 3 3 2 2 4 4 1 1 3 3 5 -5 6 9 1 1 3 -6 6 9 1 1 -5 -3 3 -6 6 2 0 0 Monthly 1.2	24 44 -3 -4 -4 -5 -1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO Down Jones Niked	252.11 2.1968 2.1968 2.1968 2.1968 2.2667 2.2672 2.	0.2 0.1 0.1 0.7 0.0 0.6 0.6 0.4 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8	6 4 3 1 1 2 0 1 1 3 3 2 2 4 4 1 1 3 2 4 4 1 1 3 3 5 1 1 5 6 9 9 1 1 1 1 5 5 3 3 6 2 0 0 0 9 0 9 1 1 2 2 0 0 0 9 9 0 9 0 0 9 0 9 0 0 9 0 0 0 0	24 -4-7-7-3-3-4-4-5-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
SAPSOO Down Jones National Nat	252.11 2.1008 2.	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.6 0.6 0.5 0.5 0.5 1.8 0.5 0.5 0.5 1.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8	6 4 3 1 1 2 0 1 1 3 2 2 0 4 7 7 2 2 3 1 -1 6 6 4 2 7 7 1 2 9 1 1 2 9 1 1 2 1 2 1 2 1 2 1 2 1 2	24 47 73 34 45 51 11 18 11 13 66 41 10 11 15 11 12 20 88 11 11 22 40 60 71 40 60 71 60 71 60 71 72 73 74 75 76 76 77 78 78 78 78 78 78 78 78 78
SAPSGO Down Jones Noted	25.211 2.1068 7.1399 9.681 12.221 12.	0.2 0.1 0.7 0.1 0.1 0.7 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8	6 4 3 1 1 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 -4 -7 -3 -4 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPSO DOWN JONES NINES	25.211 2.1968 2.1968 2.1968 2.1968 2.2667 2.2672 2.	0.2 0.1 0.1 0.7 0.5 0.3 0.4 0.7 0.5 0.3 0.5 1.0 0.5 1.2 0.3 0.5 1.0 0.5 1.2 0.3 0.5 1.2 0.3 0.5 1.2 0.3 0.5 1.2 0.5 0.5 1.0 0.5 1.0 0.	1.8	6 4 3 1 1 2 0 1 1 1 3 2 2 0 4 7 7 2 2 3 3 1 4 5 5 6 2 2 7 7 2 1 2 9 1 1 3 3 2 2 4 1 1 3 3 3 3 3 4 5 5 6 9 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	24 -4-7-7-3-3-4-4-5-5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
SAPSOO Down Jones Niked	252.11 21.068 27.139 28.21 22.67 23.11 22.67 23.11 22.67 23.11 23.	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.8	6 4 3 3 1 2 2 3 1 4 7 7 2 3 3 4 6 6 2 2 4 1 1 3 3 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 -4-7-7-3-3-4-5-5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
SAPPSOO DOWN JONES NINES	25211 21.068 27.139 26.11 2.21 2.25 2.25 2.25 2.25 2.25 2.25 2	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.8	6 4 3 1 2 2 3 1 1 1 2 2 3 1 1 1 1 2 3 2 2 1 1 1 1	24 -4-7-7-3-3-4-5-5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
SAPSOO Down Jones National Nat	252.11 2.1968 2.	0.21 0.71 1.00 0.71 1.00 0.71 1.00 0.60 0.71 0.71 0.71 0.72 0.73 0.73 0.74 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	1.8	6 4 3 1 2 2 0 1 1 3 2 2 0 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 -4-7-7-3-3-4-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
SAPSOO DOWN JONES NAME OF THE STATE OF THE S	252.11 2.1968 2.1969 2.	0.21 0.71 1.00 0.71 1.00 0.71 1.00 0.60 0.71 0.70 0.70 0.70 0.70 0.70 0.70 0.7	1.88	6 4 3 1 2 2 0 1 1 3 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	24 47 73 44 5 11 8 11 11 11 77 7 8 11 9 11 2 2 2 0 6 6 7 7 7 11 2 2 7 10 0 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1
SAPSOO DOWN JONES INDIVIDUAL STATES INDIVIDUAL ST	25211 21.068 71.39 71.39 71.30	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.8	6 4 3 3 1 2 2 0 1 1 3 2 2 0 1 4 4 5 6 2 2 7 7 12 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 -4-7-7-3-3-4-4-5-5-4-11-11-11-11-11-11-11-11-11-11-11-11-1
SAPSOO DOWN JONES NAME OF THE STATE OF THE S	25.211 21.968 27.1988 27.1989 28.21988	0.2 0.1 0.1 0.5 0.6 0.1 1.5 0.5 0.3 0.9 0.1 1.5 0.3 0.9 0.1 1.5 0.3 0.9 0.5 0.5 0.3 0.9 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.88	6 4 3 1 2 2 0 1 1 3 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	24 47 73 44 5 11 8 11 11 11 77 7 8 11 9 11 2 2 2 0 6 6 7 7 7 11 2 2 7 10 0 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1
SAPPSO DOWN JONES NINES	252.11 1.24 1.24 2.25 2.25 2.25 2.25 2.25 2.25 2.25 2	0.2 0.1 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.88	6 4 3 3 1 2 2 0 1 1 3 2 2 1 2 1 2 2 1 2 2 2 1 2 2 2 2 2	2 4 4 7 7 3 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSOO DOWN JONES NINEER NINE	252.11 2.1968 2.	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.8	6 4 3 3 1 2 2 0 0 1 3 3 3 3 4 5 5 6 6 6 9 1 1 3 3 3 4 6 2 2 7 7 12 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 4 7 7 3 4 4 1 1 8 8 1 1 1 2 5 1 1 1 2 2 0 6 6 6 7 4 4 9 9 6 6 3 3 1 1 2 2 2 1 1 2 2 2 2 1 1 2 3 3 3 3
SAPPSOO DOWN JONES NINES	252.11 21.008 27.198 27.198 27.198 28.21 2	0.2 0.1 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.8	6 4 3 3 1 2 2 0 1 1 3 3 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 4 7 7 3 4 4 1 1 1 3 6 4 1 1 1 1 1 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1
SAPPSOO DOWN JONES NINES	25211 21.968 27.05	0.2 0.1 0.1 1.1 1.0 0.1 1.1 1.5 0.2 0.1 1.0 1.1 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	1.8	6 4 3 3 1 2 2 0 1 1 3 3 2 1 4 4 7 7 2 2 3 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 4 4 7 7 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



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Debt markets Developed Markets US (2-yr)	(10Y, %, ch level 2.11	anges in t Daily 0.6	Week	Month 14	Year 90
US GER (2-yr)	2.85	2.9	1.2	30	41
Germany France	0.75 0.99	-1.0 -1.4 -1.1	-2.0 -1.9 -3.3	21 17	40 18
Spain Italy	1.46	0.5 2.1	-1.7 -3.6	-10	2
Portugal Greece	2.07	4.1	5.5 42.3	0	-205 -279
Japan (2-yr) Japan	-0.15 0.07	-0.2 -2.0	-2.0 -2.0	-3 0	4 0
Emerging Markets	level 9.91	Daily 5.3	Weekly 11.3	Monthly -7	Year -150
Chile Colombia	4.56 6.54	0.0	-0.3 17.8	2 19	24 -55
Mexico Peru	7.68 4.46	4.2	9.4	12	-201
Poland Russia	3.59	0.5	0.9	26 -33	-12 -122
Turkey India	7.23 11.72 7.49	1.1	32.0	27 23	72 111
Indonesia	6.37	1.0	-7.2 9.5	13	-147
Country ris	k (bp, chang level	es in bp) Daily	Weekly	Monthly	Year
10-yr sovereign spread vs Germany France	24	0.3	-1.4	-3	-23
Italy Portugal	127 132	3.5 5.5	-1.7 7.4	-23 3	-26 -223
Spain 2-vr sovereign spread vs Germany	71	1.9	0.2	-30	-38
France	14	0.2	0.1	0	4
Italy Portugal	24 48	-0.2 0.2	1.5 -17.3	-8 -4	-37 -52
Spain Emerging Markets	36 level	0.4 Daily	15.9 Weekly	13 Monthly	-12 Year
5-yr sovereign CDS * Brazil	165	13.5	20	20	-107
Chile	49	3.5	7	4	-33
Colombia Mexico	101 109	6.6 8.1	13 13	8 13	-62 -47
Peru Poland	77 51	6.6 1.4	11 3	10 5	-31 -25
Russia Turkey	113 174	6.4 8.4	8 12	-2 11	-64 -98
China India	64 72	5.4	10	21	-52 -55
Indonesia	91	6.0	10	14	-65
Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	Year
VIX VSTOXX	30 31	-9.4 -2.6	75 78	209 166	18 15
EM EFT volatility Index Dollar/euro volatility	31 9	-12.0 -1.1	36 22	90	55 -10
EM FX volatility index Credit spread (BAA) (bps)	9 161	5.4	9	23	-10 -16 -66
US bonds volatility index	68	·2.9 9.4	3 12	38	-11
Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2.45	Daily	Weekly 5	Monthly 11	Year -9
EZ Inflation expectations (5Y5Y) Banking 5y CDS (bps) *	1.75 level	Daily	0 Weekly	2 Monthly	-5 Year
US EZ	49 45	2.0 4.6	7	7 6	-23 -63
UK	44	2.5	5	3	-46
Large Spanish Medium Spanish	42 64	5.8 0.3	10 2	-6	-75 -87
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 2.0	Weekly 7	Monthly 7	Year -23
EZ Non-financial UK Non-financial	61 97	4.6 0.5	8	6	-63 -28
Interbank ma	rkets (%, che	inges in b)		
EONIA Index	-0.36	0.00	0.0	0.0	Year 0.0
Euribor 3m Euribor 12m	-0.33 -0.19	0.00	0.0	0.0	0.0 -0.1
Libor 3m Libor 12m	1.80 2.29	0.00	0.0	0.1	0.8
	k markets (0.0	0.1	0.0
Main indices	level	Daily	Weekly	Monthly	Year
S&P500 Dow Jones	2,603 24,040	0.9	-5.8 -5.8	-5	15 21
Nikkei FTSE 100	21,383 7,123	-2.3 -0.7	-8.1 -4.3	-10 -8	9
EuroStoxx 50 IBEX	3,344 9,664	-1.0 -0.9	-5.1 -5.4	-7 -7	1 2
DAX	12,174 5,108	-0.7 -0.8	-4.8 -4.8	-8 -7	5
MIB ASE Athens	22.263 829	-0.9 -1.5	-4.0 -5.3	-4 -1	13 26
MSCI Latam *	88,661	-1.8	-4.9	1	21
Ibovespa (Brazil) Mexbol	81,606	0.1	-2.9 -4.8	-2	33
Ibovespa (Brazil) Mexbol MSCI EM Europe * Poland		0.1	-4.8 -4.1 -4.5		
Iboyespa (Brazil) Mexbol MSCI EM Europe * Poland Micro (Brissia)	81,606 47,988 5,558 2,395 2,205	0.1 0.3 -1.5 -0.5 -1.0	-4.8 -4.1 -4.5 -3.4	-2 -1 -5 -1	3 10 20 -3
ibovespa (Brazili) Meddol MSCI EM Europe * Poland Micex (Russia) Isse 100 (Turkey) MSCI EM Asia *	81,606 47,988 5,558 2,395 2,205 113,590 922	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3	-2 -1 -5 -1 0 -4	3 10 20 -3 49 32
Iboyespa (Brazil) Mexbol MSCI EM Europe * Poland Micro (Brissia)	81,606 47,988 5,558 2,395 2,205 113,590	0.1 0.3 -1.5 -0.5 -1.0 -0.6	-4.8 -4.1 -4.5 -3.4 -3.8	-2 -1 -5 -1 0	3 10 20 -3 49
Ibovespa (Brazi) Morbol MSCI EM Europe * Poland Misco (Bussia) Ise 100 (Turkey) MSCI EM Alia" Shanghai Com (China) Jakaria (Indonesia) Emaking sector US banks	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 level 141,1	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daity 0.8	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.7	-2 -1 -5 -1 0 -4 -9 2 Monthly	3 10 20 -3 49 32 -1 23 Year
Ibovespa (Brazil) Mexicol Mexi	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daily 0.8 1.4	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly	-2 -1 -5 -1 0 -4 -9 2 Monthly	3 10 20 -3 49 32 -1 23 Year
Ibovespe (Brazi) Mochel MSCI EM Europe * Peland Mices (Russia) Bee 100 (Turkey) MSCI EM Ania * Shenghal Com (China) Jakarta (Indonesia) Brasking sector US banks	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 level 141.1 109.4	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daity 0.8	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.7 -4.2	-2 -1 -5 -1 0 -4 -9 2 Monthly -3 -1	3 10 20 -3 49 32 -1 23 Year 18 26
Boverea Bissol Michael Kurope* Polard Michael Kurope* Polard Michael M	81,606 47,988 5,558 2,395 113,590 922 3,130 6,506 lovel 141,1 109,4 72,8 30,1 51,9 248,0	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daily 0.8 1.4 1.3 1.1 0.2	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.7 -4.2 -5.5 -6.5 -4.6	-2 -1 -5 -1 0 -4 -9 2 Monthly -3 -1 -4 -2 -4 -2	3 10 20 -3 49 32 -1 23 Year 18 26 19 31 19 2
Doverage BlaceD Moctod MSC EM Europe* Polard Mics Officials Mics O	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 level 141,1 109,4 72,8 30,1 51,9 248,0 109,8 63,0	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daily 0.8 1.4 1.3 1.1 0.2 -2.3 -2.3	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 -4.2 -5.5 -5.9 -6.5 -4.6 -4.6 -4.5	-2 -1 -5 -1 0 -4 -9 2 Monthly -3 -1 -4 -2 -4 -2 -6 -5	3 10 20 -3 49 32 -1 23 Year 18 26 19 31 19 2
Doverage BlaceD Moctod MSC EM Europe* Polard Miscs Officials M	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 level 141.1 109,4 72.8 30.1 51.9 248.0 109.8 63.0 113,590	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daily 0.8 1.4 1.3 1.1 0.2 0.7 -2.3 -2.2 -2.9 -1.7	4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.7 -4.2 -5.5 -5.5 -6.5 -4.6 -4.6 -4.5 -7.3 -9.2	-2 -1 -5 -1 0 -4 -9 2 Monthly -3 -1 -4 -2 -4 -2 -6 -5 -8 -19	3 10 20 3 49 32 -1 23 Year 18 26 19 31 19 2 4 0 13
Boverage Bissell Motobal Macrope* Poland Missell Rissell Missell Rissell Missell Rissell Missell Rissell Missell Rissell Missell Misse	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 lovel 141.1 109.4 72.8 30.1 51.9 248.0 109.8 63.0 13.9 12.6 14.7	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 Daily 0.8 1.4 0.2 0.7 -2.3 -2.2 -2.9 -1.7 -2.7	4.8 4.1 4.5 3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.7 -4.2 -5.5 -5.9 -6.5 -4.6 -4.5 -7.3 -9.2 -1.1	22 -1 -5 -1 0 -4 -9 2 2 Monthly -3 -1 -4 -2 -4 -2 -5 -8 -19 -11 4	3 10 20 -3 49 32 -1 23 Year 18 26 19 31 19 2 4 0 13 -23
Boverage Bissell Mochael Marcope* Potentification MSC DM Marcope* Potentification Issue 100 of Turkery) Issue 100 of Turkery) Issue 100 of Turkery Issue 100	81,606 47,988 5,558 2,395 2,205 5113,590 922 3,130 6,506 lovel 141,1 109,4 72,8 30,1 51,9 248,0 109,8 63,0 113,9 12,6 147,7 3,1 44,0	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 -0.8 1.4 1.3 1.1 0.2 0.7 -2.3 -2.2 -2.9 -1.7 -2.7 -2.1 -2.4 -0.9	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 -5.7 -4.2 -5.5 -5.9 -6.5 -4.6 -4.6 -4.5 -7.3 -9.6 -1.1 -4.1 -4.1 -4.5 -7.3 -9.6 -1.1 -4.1	-2 -1 -5 -1 0 -4 -9 2 Monthly -3 -1 -4 -2 -4 -2 -4 -2 -6 -5 -3 -1 -1 -1 -4 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	3 10 20 -3 49 32 -1 23 Year 18 26 19 2 4 0 13 -2 4 0 13 -2 -3 -4 -1 -1 -2 -3 -1 -1 -2 -3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Boveraga Bissol Michael Karope* Poland Mics Officials Mics Officia	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 level 141,1 109,4 72,8 30,1 51,9 248,0 109,8 63,0 113,9 12,6 147,7 3,1 44,0 17,7 89,3	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 -0.4 -0.3 1.4 1.3 1.1 0.2 0.7 -2.3 -2.2 -2.9 -1.7 -2.1 -2.4 -0.9 -	4.8 4.1 4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.5 -4.2 -5.5 -4.6 -4.6 -4.6 -4.5 -7.3 -9.2 -6.2 -1.1 -1.2 -1.1 -1.1 -1.1 -1.2 -1.1 -1.1 -1.1 -1.2 -1.1 -1.1 -1.1 -1.2 -1.1 -1.1 -1.1 -1.2 -1.1 -	2 -1 -5 -1 0 -4 -9 2 Monthly -3 -1 -4 -2 -6 -5 -8 -19 -11 4 -5 -4 -6 -6	3 10 20 -3 49 32 -1 23 Year 18 26 19 31 19 2 4 0 13 -23 6 21 -9 26 2
Doverage Bissol Motod MSC EM Europe* Polard Miscs Bittssil Miscs B	81,606 47,988 5,558 2,395 2,205 113,590 93,130 6,506 level 141.1 109,4 72.8 30.1 51.9 248.0 109,8 63.0 13.9 12.6 14.0 17.7 19.4 14.0 17.7 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3	0.1 0.3 -1.5 -0.5 -1.0 -0.6 -0.2 -4.1 -0.4 -0.4 -0.8 1.4 1.3 1.1 0.2 0.7 -2.3 -2.2 -2.9 -1.7 -2.1 -2.4 -0.9 -0.6 -0.8	-4.8 -4.1 -4.5 -3.4 -3.8 -6.3 -9.6 -1.4 Weekly -5.7 -4.2 -5.5 -4.6 -4.5 -7.3 -9.2 -6.2 -1.1 -4.1 -0.6 -2.7 -2.3 -3.8	-2 -1 -5 -5 -1 0 -4 -9 2 Monthly -3 -1 -4 -2 -4 -2 -4 -2 -4 -5 -8 -8 -11 -4 -5 -4 -5 -6 -5 -5 -8 -4 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 10 20 -3 49 32 -1 23 Year 18 26 19 31 19 2 4 0 13 -23 6 21 -9 26 2
Boverage Bissell Motod MSC EM Europe* Poland Misce Sittasia Misce Mis	81,606 47,988 5,558 2,395 2,205 113,590 9,506 6,506 1evel 141,1 109,4 72,8 30,1 11,0 19,4 63,0 11,0 11,0 11,0 11,0 11,0 11,0 11,0 1	0.1 0.3 1.5 0.5 1.0 0.6 0.2 4.1 0.4 1.3 1.1 1.3 1.1 2.2 2.7 2.1 2.7 2.7 2.7 2.7 2.7 2.1 2.8 0.9 9.9 1.2 2.8 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9	-4.8 -4.1 -4.5 -3.4 -3.3 -9.6 -1.4 -1.6 -5.7 -4.2 -5.5 -5.9 -4.6 -4.6 -4.5 -7.3 -9.2 -1.1 -1.1 -2.7 -2.7 -3.8 -1.3 -3.8 -1.3 -3.8	2 -1 -1 -0 -4 -9 -2 -4 -4 -2 -6 -5 -8 -9 -11 -4 -6 -8 -6 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	3 100 20 -3 49 32 -1 18 26 19 31 19 2 4 0 13 -23 6 21 -9 18 -18 8 3
Boverage Bissell Mochael Kurope* Polend Missell Kurope* Polend Missell Kurope* Polend Missell Kurope* Missell Kurope* Sharepland Corn (Chinka) Jaharte Bridoniestia) Family Sharepland Jaharte Bridoniestia Jaharte Brid	81,606 47,988 2,395 2,205 2,205 113,590 922 3,130 6,506 lovel 141,1 109,4 72,8 30,1 109,8 63,0 109,8 63,0 144,7 31,1 44,0 17,7 89,3 73,2 19,2 19,2 19,2 19,2 19,2 19,2 19,2 19	0.1 0.3 1.5 0.5 1.0 0.6 0.2 4.1 4.1 0.4 0.8 1.4 1.3 0.2 0.7 2.1 2.2 2.9 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	4.8 4.1 4.5 4.5 4.6 4.5 4.2 4.2 4.2 4.2 4.2 4.5 5.5 4.6 4.5 4.5 4.1 4.1 0.6 4.2 7.1 1.5 3.2 4.2 5.5 5.9 3.2 6.2 1.1 1.5 5.2 6.5 6.4 6.5 6.5 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.5	2 -1 -1 -0 -4 -9 -2 -4 -2 -4 -2 -6 -5 -8 -19 -11 -4 -5 -4 -6 -4 -4 -5 -6 -6 -4 -4 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 10 20 34 49 32 44 23 Year 18 26 19 24 4 0 13 22 3 26 6 21 9 26 2 2 9 9 18 18 3 8 9
Doverage Bissol Mochael Kurope * Peterd Micro Riverpe * Peterd Micro Riverpe * Peterd Micro Riverpe * Peterd Micro Riverpe * M	81,606 47,988 2,395 2,205 113,590 922 3,130 6,506 level 141,1 109,4 72,8 30,1 151,9 248,0 109,8 63,0 144,7 3,1 144,0 147,7 3,1 44,0 147,7 89,3 732,2 5,5 192,6 66,5 84,4 5,5 7,9 7,9 7,9 7,9 7,9 7,9 7,9 7,9 7,9 7,9	0.1 0.3 -1.5 -0.5 -0.5 -0.6 -0.2 -4.1 -0.4 -4.1 -0.8 -1.3 -1.1 -0.2 -2.9 -2.9 -2.7 -2.7 -2.7 -2.7 -2.1 -0.2 -2.9 -0.2 -0.2 -0.8 -1.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0	4.8 4.1 4.5 3.4 4.5 3.8 6.3 9.6 1.4 Weekly 5.7 4.2 5.5 5.9 6.5 7.3 9.2 1.1 0.6 2.7 3.8 4.1 5.7 3.8 4.1 4.1 0.6 2.7 3.8 3.8 4.1 4.1 4.1 4.1 4.1 4.1 4.1 5.7 4.1 5.7 4.1 5.7 4.1 5.7 5.7 5.7 6.2 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7	2 1 1 0 4 9 2 Monthly 3 1 4 2 4 4 2 6 6 5 5 8 6 4 4 4 5 5 6 6 5 2 2	3 10 20 34 49 32 4 123 Year 13 19 2 4 4 0 13 3 6 6 21 19 26 6 2 9 9 18 18 18 8 9 8 8 9
Boverage Bissol MacDet Kurope* Poland Mics Risope* Poland Mics Risope*	81,606 47,988 5,558 2,395 2,205 113,590 6,506 16vc1 109,4 72.8 30.1 51.9 248.0 109,8 63.0 1141.1 109,4 72.8 30.1 51.9 248.0 17.7 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	0.1 0.3 -1.5 -0.5 -0.5 -0.6 -0.6 -0.6 -0.6 -0.8 -1.3 -1.1 -0.2 -0.7 -2.3 -2.2 -2.9 -0.2 -2.3 -2.2 -0.2 -0.2 -0.2 -0.3 -0.4 -0.5 -0.6 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	488 45.34 45.38 63.96 114 Weekly 55.7 42 55.5 5.9 65.62 11.1 0.6 4.8 4.8 4.7 3.8 4.1 5.7 4.2 4.4 4.7 4.4 4.7 4.8 4.7 4.8 4.7 4.8 4.7 4.8 4.7 4.8 4.8 4.7 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	2 1 1 9 2 1 1 4 4 2 4 4 4 5 5 4 6 6 4 4 4 5 5 6 5 5 5 5 5	3 10 20 34 49 32 4 23 Year 19 24 4 0 13 23 6 6 21 9 26 6 2 9 18 8 9 9 22 29
Doverage Bissol Moctod MSC EM Europe* Polard Miscs Officials M	81,606 47,988 5,558 2,395 2,205 113,590 922 3,130 6,506 level 141,1 109,4 72,8 30,1 51,9 248,0 109,8 63,0 11,7 109,8 12,6 14,7 14,7 14,7 14,7 14,7 14,7 14,7 14,7	0.1 0.3 -1.5 -0.5 -1.0 0.6 -0.2 -1.0 0.8 1.4 1.3 1.1 0.2 -2.3 -2.2 -2.9 -1.7 -2.1 -2.4 -0.9 -1.2 -0.9 -0.9 -1.2 -0.9 -1.2 -0.9 -1.2 -0.9 -1.2 -0.9 -1.2 -0.9 -1.2 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	4.8 4.1 4.5 3.8 6.3 9.6 1.4 Weekly 5-7 4.2 5-5 9.6 5-5 4.6 4.5 4.5 4.6 4.7 3.8 9.2 4.6 2.7 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2 1 5 1 0 4 9 2 2 Monthly 3 1 4 2 2 4 6 5 5 8 8 6 4 4 5 5 6 6 5 5 2 6 6	3 10 20 34 49 32 -1 23 26 19 26 4 0 0 13 26 21 -9 18 3 8 9 9 9 22 22
Boverage Bissol MacDot Kurope* Polend Misco Kurope* Polend Misco Kurope* Misco Misco Kurope* Misco	81.606 5.558 4.4 4.0 12.75.6 192.6 6.5 84.4 4.0 12.75.6 192.6 6.5 84.4 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	0.1 0.3 1.5 0.5 0.5 1.0 0.6 0.6 0.2 4.1 0.4 0.8 0.8 1.4 1.3 2.2 2.7 2.7 2.1 2.4 1.1 1.1 2.3 2.2 2.9 1.7 2.7 2.1 2.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	488 4.1 4.5 3.4 4.5 3.8 6.3 9.6 6.3 1.4 Weekly 5.7 4.2 6.5 5.9 4.6 4.5 7.3 6.2 7 3.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4	-2 -1 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 10 20 34 49 32 4 18 26 31 18 26 21 4 9 22 29 9 8 9 9 22 29 9 17
Boverage Bissol Motod Marope* Peter of Marope Network Missol Rusepes Missol Rusepes Peter of Missol Rusepes Mis	81.606 5.558 6.559 6.509	0.1 0.3 1.5 0.5 1.0 0.5 1.0 0.2 4.1 0.2 4.1 1.3 0.8 1.4 1.3 1.1 0.2 2.9 1.7 2.7 2.7 2.7 2.7 2.7 2.7 2.8 0.8 1.8 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	488 461 445 348 633 946 631 441 455 559 655 656 455 627 411 411 416 627 73 422 442 455 644 47 488 455 645 645 645 645 645 645 645 645 646 647 647 648 648 648 648 648 648 648 648 648 648	-2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 10 20 20 33 49 32 11 23 34 26 19 26 19 27 26 18 18 18 8 9 8 8 9 22 29 17 7 7 7 Carr 17
Boverage Bissol Mochad Marcope* Poland Micro Riverpes* Poland Micro Riverpes* Poland Micro Riverpes* Micro Riv	81.606 5.558 5.558 5.558 5.558 6.508	0.1 0.3 -1.5 -0.5 -1.0 -0.2 -4.1 -0.2 -4.1 -0.4 -0.8 -1.4 -0.2 -2.9 -1.7 -2.3 -2.2 -2.9 -1.2 -1.2 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6	488 451 453 463 384 388 663 9.66 144 55.7 462 45.5 65.9 66.2 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1	2 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 33 49 32 11 23 34 26 6 6 19 26 2 9 18 18 18 8 9 8 8 9 22 29 17 7 7 7 7 7 12 7 7 12 7
Boverage Bissol MacDot Busper MacDot Busper Polydinate Bord Greekey Bord Greekey Bord Greekey Bord Greekey Bord Greekey Bord Busper Bord B	81.606 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.205 6.506	0.1 0.3 1.5 1.0 0.5 1.0 0.6 0.2 4.1 0.8 1.4 1.3 1.1 2.2 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.1 2.4 1.6 1.6 1.8 1.8 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	488 4.1 4.1 4.5 4.1 4.5 4.5 4.5 4.5 4.5 4.5 4.7 4.0 4.2 4.4 4.2 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	2 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 34 49 32 4 12 33 Year 18 26 6 19 13 31 19 2 2 4 4 0 0 13 36 6 2 19 9 18 3 8 9 9 18 8 9 9 17 7 7 Year 17 7 7 12 7 7 7 12
Boverage Bissol Mochad Kurope* Poleud Misco Riverye Misco	81.606 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.558 5.658 6.508	0.1 0.3 1.5 1.0 0.5 1.0 0.6 0.2 4.1 0.1 0.8 1.4 1.3 1.1 1.0 2.0 7 2.1 2.2 2.2 2.2 2.3 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	488 4.1 4.5 3.4 4.8 8.8 6.3 9.6 6.3 1.4 Weekly 5.7 6.5 6.5 6.6 4.6 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 3 49 49 32 4 4 23 31 19 2 4 4 0 13 6 21 9 9 18 8 9 9 9 22 29 17 7 7 7 Year 17 12 7 7 12 7 7 12 7 7 12 7 7 12 7 7 12 7 Year 17 12 7 Year 17 17 12 7 12 7 12 7
Boverage Bissol MacCat Marope* Peter of MacCat Marope Micro MacCat Marope Micro MacCat Marin Sharplat Com (China) Javarra dinchesia Banking sector US banks Sector Banking sector US banks Sector Banking sector US banks Sector Banking sector US banks MS GS GS EZ bands Banking sector US banks MS GS GS Banking sector US banks MS GS BBA MS GS GR BBA MS GS GR BBA Banking Low banks Low ba	81,606 5,558 5,558 5,558 6,758 1,758	0.1 0.3 1.0 0.5 1.0 0.6 0.2 2.0 0.6 0.2 2.0 1.0 0.6 1.0 0.5 1.0 0.6 1.0 0.5 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.7 2.3 2.2 2.9 1.0 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	488 461 461 465 364 463 4663 4663 4663 4664 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666 465 4666	2 1 5 1 1 0 4 4 2 2 4 4 2 2 6 5 5 8 6 4 4 4 5 5 6 5 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	3 10 20 3 49 32 4 123 Year 19 2 4 4 0 13 13 49 26 2 9 9 18 18 18 9 9 9 2 22 9 7 7 7 7 12 7 12 7
Boverage Bissol Michael Karope* Michael Karope* Petrol Michael	81,606 5,558 5,558 5,558 5,558 6,708	0.1 0.3 1.0 0.5 1.0 0.6 0.2 2.9 0.7 1.7 2.3 2.2 2.9 0.2 2.9 0.2 2.9 0.2 2.9 0.9 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 1.0 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.8.4.1.4.1.4.5.5.7.3.4.4.2.4.1.4.5.5.7.4.2.2.4.1.1.4.1.4.5.5.7.4.2.2.2.2.7.3.3.5.5.5.9.9.2.2.0.0.4.8.4.5.4.5.4.5.4.5.4.5.4.5.4.5.4.5.4.5	2 1 5 1 1 0 4 4 2 2 4 4 2 2 6 5 8 8 6 4 4 4 5 5 6 5 7 7 10 Monthly 2.4 2 2 2 3 1 2 2 2 3 1 1 1 1 2 2 2 2 3 1 2 1 1 1 2 2 2 2	3 10 20 3 49 32 4 23 Year 19 24 4 0 13 3 22 4 4 0 13 3 22 3 18 8 9 9 22 9 9 17 7 7 Year 17 7 12 7 12 7
Boverage Bissol MacDot Kurope* MacDot Kurope* Note of Circlery MacDot MacDot Circlery MacDot MacDot Circlery MacDot MacDot Circlery MacDot Mac	81,696 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,588	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.8 4.1 4.1 4.5 4.1 4.5 4.1 4.5 4.1 4.5 4.1 4.5 4.1 4.1 4.5 4.1 4.1 4.5 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	-2 -1 -5 -1 -0 -4 -9 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	3 10 20 3 49 32 4 1 23 Year 19 19 2 4 4 0 13 3 2 2 3 2 2 9 18 8 9 9 18 8 9 9 19 19 19 19 19 19 19 19 19 19 19 19
Boverage Bissell Mochad MacCo M. Europe * Polend Mochad M. Comment	81,606 5,558 5,558 1,12,500 111,550 11	0.1 0.3 1.5 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.6 1.0 0.5 1.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0	488 461 453 463 463 463 463 463 465 467 462 467 462 467 467 467 467 467 467 467 467 467 467	2 1 5 1 0 4 9 2 1 Mounthly 3 1 1 4 2 4 4 2 6 6 5 8 9 11 1 4 5 6 6 5 7 7 10 0 1 2 7 1 5 1 0 0 1 1 2 7 1 1 5 1 0 0 1 1 2 7 1 1 5 1 0 0 1 1 2 7 1 1 5 1 0 0 1 1 2 7 1 1 6 0 1 1 1 2 7 1 1 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 3 49 32 41 18 26 51 18 61 51 61 51 61 51 61 51 61
Boverage Bissel Mochad Kurope * Peter of March Review Micro Rivaria Con (China) Jeant and Con (China) Micro Mic	81,606 5,558 5,558 5,558 11,559 11,55	0.1 0.3 1.5 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.6 0.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	488 4.1 4.5 3.4 4.3 3.6 6.3 9.6 6.3 9.6 6.3 1.4 4.7 4.2 9.5 9.9 9.5 9.9 9.6 9.6 1.6 4.6 4.6 4.7 3.3 9.6 4.6 4.7 3.3 3.5 9.6 4.6 4.7 3.3 3.5 9.6 4.6 4.7 3.3 3.5 9.6 4.7 3.3 3.5 9.6 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	-2 -1 -5 -1 -0 -4 -9 -2 -1 -5 -1 -1 -4 -2 -4 -2 -4 -5 -8 -9 -19 -1 -1 -1 -5 -5 -5 -2 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -5 -7 -1 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 10 20 3 49 32 41 18 26 31 18 3 3 49 12 27 7 12 7 7 12 7 7 12 7 7 12 12 13 3 3 3 18 3 7 7
Boverage Bissel MacCell Ruseper* Peter of MacCell Ruseper* MacCell Rusepe	81,606 5,558 5,558 5,558 1,109 5,558 1,109	0.1 0.3 1.15 0.5 1.0 0.6 0.5 1.0 0.6 0.5 1.0 0.6 0.5 1.0 0.6 0.2 0.5 1.0 0.6 0.5 1.0 0.5 1	4.8. 4.1 4.5 4.1 4.5 3.8 4.6 3.8 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6	2 1 5 1 0 4 9 9 2 1 Morethy 3 1 4 4 2 2 6 5 8 19 11 4 4 5 4 6 6 5 5 7 7 10 Morethy 2.4 2 2.3 3.2 1 1 1 1 2 2 2 3 1 1 1 1 2 2 1 1 2 2 1 1 2 2 1 3 2 1 1 1 1	3 10 20 3 49 21 21 21 21 21 21 21 21 21 21 21 21 21
Boverage Bissel Mochad MacC ME Karope * Peter of Micro Rise Bissel	81,606 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,588 5,588 6,586	0.1 0.3 1.1.5 1.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.8. 4.1. 4.5. 3.4. 3.8. 6.3. 9.6. 6.3. 9.6. 4.6. 9.6. 4.6. 4.6. 7.3. 4.2. 4.5. 9.2. 4.6. 4.6. 4.6. 4.6. 4.6. 4.6. 4.6. 4	-2 -1 -5 -1 -0 -4 -9 -9 -1 -3 -3 -1 -4 -2 -4 -4 -4 -5 -6 -6 -5 -7 -7 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	3 10 20 3 49 49 49 49 49 49 49 49 49 49 49 49 49
Boverage Bissol MacDot Europe* Politication MacDot Europe* Politication MacDot Europe* Politication MacDot	81,606 5.558 6.508	0.1 0.3 1.0.5 1.0.0 0.2 0.2 0.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	488 44.1 44.1 44.5 44.1 44.5 44.1 44.5 44.1 44.5 44.1 44.5 44.1 44.1	2 1 5 1 0 4 9 2 2 Novel 19 3 1 4 4 2 2 6 6 5 19 11 4 4 5 6 6 6 4 4 4 5 6 6 6 5 7 7 10 2 7 2 2 3 2 1 3 2 1 1 5 1 0 0 1 1 2 7 2 2 3 2 1 3 1 5 1 0 0 1 1 2 7 1 6 0 1 1 2 7 1 7 1 6 0 1 1 2 7 1 7 1 6 0 1 1 2 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	3 10 20 34 34 34 34 34 34 34 34 34 34 34 34 34
Boverage Bissol Mochad March Ruseper* Pethod Micro Ruseper* Pethod Micro Ruseper* Pethod Micro Ruseper* Micro Ruseper* Sharplata Corn (China) Jaharta dindonesial Banking sector US banks Sector Sec	81,606 5,558 5,558 5,558 1,559 6,506 11,509	0.1 0.3 1.15 0.5 1.0 0.6 0.5 1.0 0.8 1.4 0.2 0.7 1.5 0.9 0.2 0.2 0.2 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.8. 4.1. 4.5. 4.1. 4.5. 3.8. 3.8. 3.8. 3.8. 3.8. 3.8. 3.8. 3	2 1 5 1 0 0 4 9 9 9 1 1 1 1 4 6 8 8 6 5 5 8 6 6 4 4 4 4 4 4 5 5 6 6 5 7 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 0 0 0 1	3 10 20 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 34 34 34 34 34 34 34 34 34 34 34 34
Boverage Bissol Mochad MacCoR Europe * Pechad Micro Rivery * Micro	81,606 5,558 5,558 1,708 5,558 1,708	0.1 0.1 0.3 1.0.5 1.0.0 0.5 1.0.0 0.5 1.0.0 0.8 1.4 1.3 1.1 1.3 1.1 1.2 2.4 2.4 2.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	4.8.4.1 4.5.1 4.5.1 4.5.1 4.5.1 4.5.1 4.5.1 4.5.1 4.5.2 4.5.2 4.5.2 4.5.2 4.5.3 4.5.2 4.5.3 4.5.	2 1 5 1 0 4 4 2 4 4 2 6 5 6 6 6 4 4 4 5 6 6 6 6 7 10 0 0 1 7 10 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 1	3 10 20 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 49 34 34 34 34 34 34 34 34 34 34 34 34 34
Boverage Bissells MacDat Kurope* MacDat Kurope* Potentification MacDat Kurope* Potentification MacDat Marker Marker MacDat Marker Marker MacDat Marker Marke	81,606 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,558 5,588 5,588 6,586	0.1 0.1 0.3 1.5 0.3 1.5 0.6 0.2 4.1 0.6 0.2 4.1 0.7 0.7 2.3 2.1 0.7 2.1 0.7 2.1 0.7 2.1 0.9 0.7 2.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	488 441 441 445 441 445 441 445 441 445 445	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 31 31 31 31 31 31 31 31 31 31 31 31 31
Boverage Bissells Mochad Marcope* Mochad Marco	81,606 5,558 6,506 112,500 112	0.1 0.3 1.1.5 1.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	448 44.1 44.1 44.1 44.1 44.1 44.1 44.1 4	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 31 31 31 31 31 31 31 31 31 31 31 31 31
Boverage Bissel Mochad MacCo M. Europe * Petrol Micro R. Europe * Micro R. Europ	81,606 5,558 5,558 5,558 5,558 6,506	0.1 0.3 1.0 0.3 1.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.8.4.1.4.1.4.5.7.4.2.4.4.1.3.4.4.5.7.4.2.4.4.1.4.1.4.5.7.4.2.4.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4	2 1 5 1 0 0 4 9 2 2 1 1 4 4 2 2 4 4 5 5 8 9 1 1 4 1 4 5 6 6 6 6 6 6 6 7 7 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 10 20 31 31 31 31 31 31 31 31 31 31 31 31 31

