

## Market Comment | Events in the US continued in the spotlight

Global Financial Markets Unit 28 Feb 2018

- Global stock markets continued dropping (and equity volatility rebounded somewhat) as investors
  continued to digest Fed Chair Powell's remarks seen as a slightly hawk<u>ish</u> (see) while the USD
  continued to appreciate against its main peers (<u>see</u>).
- The downward revision of US GDP for 4Q17\_(see) contributed to deflate expectations of a faster-than-expected normalization in the US and consequently US sovereign bond yields inched down after yesterday's rise. In the euro zone, preliminary inflation in February, which surprised to the downside (see), also provoked a drop in sovereign interest rates.
- The recent rising USD trend could be influenced, among other things, by the statement by the
   Treasury Secretary that Trump may be willing to negotiate US return to TPP (see). Amid the recent
   USD appreciation, EM currencies depreciated, also hampered by decreasing oil prices after bigger-than expected US oil output (see).

Table 1 Update 18 CET 28 February 2018



Debt market Developed Markets US (2-yr)	s (10Y, %, ch level 2.26	anges in t Daily 0.2	Week	Month 15	YTD 34
US GER (2-yr)	2.88	-1.6 -1.6	-7.3 -2.8	18	41
Germany France	0.66	-2.2	-6.4 -6.9	-4 -5	19 10
Spain Italy	0.92 1.54 1.97	-2.7	-5.5 -7.6	4	-8 -12
Portugal Greece	1.99 4.41	-2.4 3.5	-0.5 -3.1	-18 75	-2 31
Japan (2-yr) Japan	-0.16 0.05	-0.8	-0.6 -3.6	-3 1	-2 1
Emerging Markets Brazil	level 9.58	Daily -7.0	Weekly -29.5	Monthly -19	-68
Chile Colombia	4.56 6.56	-0.1 1.9	0.4 -0.3	5 18	5 12
Mexico Peru	7.64 4.52	0.4 -2.0	-4.5 -6.0	5 9	-35
Poland Russia	3.36 7.13	-3.2 -3.8	-13.7 -0.5	-23 -35	-51
Turkey India	11.58 7.73	6.0 5.5	4.0 1.6	-6 28	22 34
Indonesia Country :	6.63 isk (bp. chang	10.9 es in bp)	20.8	32	33
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	26 132	-0.8 -1.0	-0.5 -1.2	-1 -2	-2 -24
Portugal Spain	133 88	-1.0 -0.2 -0.5	5.9 0.9	9	-14 -20
2-yr sovereign spread vs Germany France	9	-0.5	0.0	-4	-7
Italy Portugal	36 52	-0.1 -0.3	2.2 5.0	12 -11	-1 -15
Spain	33	-0.9 Daily	0.0	16 Monthly	6 YTD
Emerging Markets 5-yr sovereign CDS *	level		weekiy		
Brazil Chile	152 44	2.7 -0.6	-4 -4	10 1	-9 -5
Colombia Mexico	100 104	2.3	- 4 - 4	10 8	-5 -3
Peru Poland	74 46	0.3 -1.5	-2 -3	7 -1	-2 -2
Russia Turkey	104 166	1.8 0.2	-8 -1	-8 3	-14 2
China India	56 71	-0.4 1.6	-3 3	5 5	5
Indonesia R	85 isk indicators	0.2	-2	7	0
Volatilty indicators (change in pp) VIX	level 19	Daily 0.6	Weekly	Monthly 5	YTD 9
VSTOXX	18	0.4	-1	5	5
EM EFT volatility Index Dollar/euro volatility	25 8	0.3	-1	4 0	8
EM FX volatility index Credit spread (BAA) (change in bps)	8 171	1.6	5	12	-6
US bonds volatility index Inflation expectations (%)	64 level	0.2 Daily	3 Weekly	8 Monthly	15 YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.44 1.72		1	-1	12 -1
Banking 5 y CDS (bps) *	level 51	Daily 0.4	Weekly	Monthly 9	YTD 8
EZ UK	49 43	-1.4 -0.9	0	14	9
Large Spanish Medium Spanish	42 69	-4.2 0.5	-3 1	12	5 -5
Corporate 5y CDS (bps) *	level 146	Daily 0.4	Weekly	Monthly 9	YTD
US Non-financial EZ Non-financial	64	-1.4	0	14	9
UK Non-financial Interbank m	101 arkets (%, che	-0.6 inges in b	1 o)	5	8
EONIA Index	-0.36	Daily	Weekly 1	Monthly 0	YTD 1
Euribor 3m Euribor 12m	-0.33 -0.19	0	0	0	0 -1
Libor 3m Libor 12m	2.01 2.48	2	10 7	24 24	31 37
	ck markets (				
Main indices		Daily	Weekly	Monthly	YTD
S&P500	2.743	0.0	1.6	-4	2
S&P500 Dow Jones	2,743 25,391 22,068	0.0 -0.1	1.6 2.4	-4 -4	2
S&P500 Dow Jones Nikkel FTSE 100	25.391 22,068 7,232	0.0 -0.1 -1.4 -0.7	1.6 2.4 0.4 -0.7	-4 -4 -7 -6	2 -3 -5
\$&P500  Dow Jones  Nikkei  FISE 1 0 0  Euro\$toxx 50  IBEX	25.391 22,068 7,232 3,439 9,840	0.0 -0.1 -1.4 -0.7 -0.6 -0.6	1.6 2.4 0.4 -0.7 0.3 0.2	-4 -4 -7	2 -3 -5 -1
S&P500  Dow Jones  Nikkel  FTSE 100  EuroStoxx 50  IBEX  DAX  CAC	25,391 22,068 7,232 3,439 9,840 12,436 5,320	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3	-4 -4 -7 -6 -6 -7 -7 -4	2 2 -3 -5 -1 -2 -3 1
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ANEAHERS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6	2 2 -3 -5 -1 -2 -3 1 3
SAP500 Dow Jones Nikosi FTSE 100 EuroStoxo 50 BIBX DAX CAC MIB AXS AMERICA MSC LIAters MSC LIAters MSC LIATERS MSC LIATERS MSC LIATERS MSC LIATERS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6 -2 2	2 2 -3 -5 -1 -2 -3 1 3 2 8 10
SAPSOO Down Jones Niked FTEST 100 EuroStous 50 BIBX DAX CAC MIB ASSEARCH MSG LAtam* Ibbovepsp @asz0 MedCal Metrop*	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.0 -2.3 2.7	4 4 7 6 6 7 7 7 4 5 6 2 2 2 6	2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7
SAP500 Down Jones Nikdel FFEE TOD EardStox 50 EardStox	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4 0.0 -2.3 2.7 -1.7	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -2	2 2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4
SAPSOO Down Jones Niked FTES 100 EuroStous SO BIBOX EUROSTOUS SO BOOK SO EUROSTOUS	25.391 22.068 7,232 3.439 9,840 12.436 5.320 22,608 836 92,177 86,053 47,405 5,779 2.364 2.297 118,951 952	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.7	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.0 -2.3 2.7 -1.0 2.3 1.5	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -2 -6 0 -9 1 -2 -5	2 2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1
SAP500 Dowl Jones Nation Natio	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 47,405 5,779 2,364 2,297 118,951	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4 0.0 -2.3 2.7 -1.7 -1.0 2.3	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -2 -6 0 9 1	2 2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1
SAPSOO Down Jones Nikled FTSE 100 EuroStous 50 BIBX  KENNEY  CAC CAC MB ASE Alters MSCI Latam * Horvepa Grazif Micro Grassia Incompany MSCI Micro Grassia Incompany MSCI Micro Grassia Incompany MSCI Micro Grassia Incompany Incompany MSCI Micro Grassia Incompany Incom	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 95,259 6,597	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.7 -1.0	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 -0.2 -0.4 0.0 -2.3 2.7 -1.7 -1.0 2.3 1.5 1.9	4 4 7 6 6 7 7 7 4 5 6 2 2 2 6 0 9 1 1 2 5	2 2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1 3 3
SAP500 Down Jones Nation Natio	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,559 1,579 1	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.7 -1.0 -1.2 -0.7 -1.0 -1.2 -0.1 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -1.0 -1.2 -0.1 -0.7 -1.0 -1.2 -0.1 -0.1 -0.7 -1.0 -1.2 -0.1 -0.1 -0.7 -1.0 -	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.4 0.4 0.4 0.0 2.3 2.7 -1.7 -1.0 2.3 1.5 1.9 -1.0 Weekly 1.5	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -2 -6 0 -9 1 -2 -5 -7 -1 -1 -2 -1 -1 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	2 2 3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1 3 3 -3 4 YTD 6 9
SAPSOO Down Jones Nation TEST 100 EardStance TO EardStance	25,391 22,068 7,232 3,439 9,840 12,436 52,408 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 1952 3,259 6,5597 level 151,8 117,3 76,5 32,5	0.0 -0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.7 -1.0 -0.6 -0.1 -0.7 -1.0 -0.1 -0.7 -1.0 -0.1 -0.7 -1.0 -0.1 -0.1 -0.7 -1.0 -0.1 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1 -0.7 -0.1	1.6 2.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4 0.0 -2.3 2.7 -1.0 2.3 1.5 1.9 -1.0 Weekly 1.5 1.8 -0.6 1.9	-4 -4 -7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 0 -9 1 -2 -5 -7 -7 -1 1 Monthity -2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 3 -5 -1 -2 3 1 3 2 8 10 -5 7 -4 9 1 3 -3 4 YTD 6 9 3
SAPPOO Down Jones Noted	25,391 22,068 7,232 3,439 9,840 12,436 52,408 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 1952 3,259 117,3 76,5 32,5 56,9 266,8	0.0 0.1 1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -0.1 -2.4 -1.9 -0.1 -0.6 -0.6 -0.3 -0.7 -1.0 -0.1 -0.1 -0.1 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	1.6 2.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4 0.4 0.0 -2.3 2.7 -1.0 2.3 1.5 1.9 1.0 Weekly 1.5 1.9 3.3 1.3	4 4 4 7 7 6 6 6 7 7 7 4 5 6 6 2 2 6 0 9 1 1 2 5 7 7 1 Monthly 2 1 4 1 1 - 2	2 2 3 -5 -1 -1 2 8 10 -5 -7 -4 9 9 1 3 3 3 4 YYD 6 9 9 9 9
SAPPOO Down Jones Niked 100 Example 100 DAX CAC AND SAPPON DAX CAC MSG Latam* Blovepage Rise20 Mobbl Mobbl Motor Latem Blovepage Rise20 Mobbl Motor Latem Blovepage Rise20 US banks Blovepage Rise20 US banks Blovepage Rise20 G C C Latem Blovepage Rise20 G C C Latem Blovepage Rise20 G	25,391 22,068 7,232 3,439 9,840 12,436 52,450 12,436 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597 level 151,8 117,3 76,5 56,9 266,8 112,1	0.0 0.1 1.4 -0.7 -0.6 0.6 0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -1.0 -1.2 -1.0 0.6 0.6 0.4 -0.5 -0.7 -1.0 -1.0 -1.0 -1.0 -0.6 -0.6 -0.6 -0.6 -0.6 -0.7 -1.0 -0.6 -0.6 -0.7 -1.0 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0	1.6 2.4 0.4 -0.7 0.3 0.2 -0.3 0.2 -0.4 0.0 0.4 0.0 -2.3 2.7 -1.0 2.3 1.5 1.9 -1.0 Weekly 1.5 1.8 -0.6 1.9 3.3 1.3 0.0 0.6	4 4 7 7 6 6 6 7 7 7 4 4 5 6 6 0 9 1 1 2 2 5 7 1 1 4 1 1 2 6 4 4	2 2 3 -3 -5 -1 -1 -2 -3 1 3 2 8 100 -5 7 -4 9 1 3 3 -3 4 4 YTD 6 9 3 9 9 9 4 3 5 5
SAPPOO Down Jones Noted Noted Sale Sale Sale Sale Sale Sale Sale Sale	25,391 22,068 7,232 3,439 9,840 12,436 12,436 12,436 12,436 836 92,177 86,053 47,405 5,779 2,364 2,297 18,951 32,59 6,597 18,951 171,3 76,5 56,9 12,11 13,2 66,8 112,1 65,4 14,1 13,2	0.0 0.1 1.4 0.7 0.6 0.6 0.4 0.4 0.5 0.3 1.0 1.0 1.0 1.0 1.0 1.0 0.1 0.1 0.1 0.1	1.6 2.4 0.4 -0.7 -0.7 -0.3 0.2 -0.3 -0.2 -0.4 0.4 0.0 -0.4 -0.7 -1.0 0.5 -0.4 1.5 1.9 -0.6 1.9 3.3 1.3 1.3 0.0 0.6 1.0 0.6 1.0 0.6 1.0 0.4 0.6 1.2 8	4 4 4 7 6 6 6 7 7 7 4 5 6 6 2 2 2 6 0 9 9 1 2 5 7 1 1 4 1 1 2 6 6 4 8 8 15	2 2 3 3 5 1 1 2 2 3 3 1 1 3 2 8 8 100 5 7 7 4 4 9 9 1 3 3 4 4 YTD 6 6 9 3 9 9 4 4 3 5 5 1 1 7 17 17 17 17 17 17 17 17 17 17 17
SAPPOO Down Jones Noted Noted FFEE TOO DOWN JONES NOTED DAX CAC MARCHETTE MASC BETTE MASC BETT MASC BETTE MASC	25,391 22,068 7,232 3,439 9,840 12,436 12,436 13,20 22,686 836 92,177 86,053 47,405 5,779 2,364 2,297 18,951 952 3,259 6,597 1972 3,259 6,597 18,951 171,3 76,5 56,9 112,1 65,4 14,1 13,2 14,5 3,1	0.0 0.1 -1.4 -0.7 -1.0 0.6 -0.6 -0.6 -0.4 -0.5 -0.7 -1.2 -0.1 -1.2 -0.7 -1.0 0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.	1.6 2.4 0.4 -0.7 -0.7 -0.3 0.2 -0.3 0.2 -0.3 -0.2 -0.4 0.4 0.4 0.4 0.5 -0.4 -0.7 -1.0 0.0 0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	4 4 7 6 6 6 7 7 4 5 6 6 2 2 2 6 0 9 1 1 2 2 5 7 1 4 1 1 1 2 6 6 4 8 4 15 11 3 3	2 2 3 3 5 1 1 2 2 3 3 1 3 2 8 8 10 0 5 7 7 4 4 9 9 1 3 3 5 1 1 1 1 7 6 6 1 1 2 1 1 2
SAPPOO Down Jones Nation Natio	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 151.8 117,4 14,1 13,2 14,5 3,1 47,1 17,4	0.0 0.1 -1.4 -0.7 -1.4 -0.7 -1.0 -0.6 -0.6 -0.4 -0.5 -0.7 -0.1 -0.7 -1.0 -0.5 -0.7 -0.1 -0.7 -1.0 -0.5 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.5 -0.0 -0.1 -0.2 -0.5 -0.0 -0.1 -0.2 -0.5 -0.0 -0.0 -0.1 -0.2 -0.5 -0.0 -0.0 -0.0 -0.1 -0.2 -0.5 -0.0 -0.0 -0.0 -0.0 -0.1 -0.2 -0.5 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	1.6 2.4 0.4 0.7 0.3 0.2 0.3 0.3 0.3 0.2 0.0 0.4 0.4 0.4 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	4 4 7 6 6 6 7 7 4 4 5 6 6 2 2 2 6 6 0 9 1 1 2 5 7 1 1 4 1 1 1 2 6 4 8 8 15 11 3 0 0 2 2	2 2 3 5 1 1 2 2 8 1 1 3 3 2 2 8 1 1 3 3 4 4 1 1 5 1 5 1 1 7 1 7 1 7 1 7 1 7 1 7 1 7
SAPPOO DOWN JONES NOVED IN SECTION OF THE SECTION O	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597 118,951 117,3 76,5 32,5 56,9 112,1 141,1 141,1 142,1 142,1 147,1 147,1 147,1 147,1	0.0 0.1 -1.4 -0.7 -1.4 -0.7 -1.0 -0.6 -0.6 -0.4 -0.5 -0.7 -1.0 -0.6 -0.1 -0.7 -1.0 -0.6 -0.1 -0.7 -1.0 -0.2 -0.1 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.6 2.4 0.7 0.3 0.2 0.3 0.3 0.3 0.2 0.4 0.4 0.4 0.4 0.2 2.7 1.7 1.9 1.0 0.6 0.6 1.9 0.6 1.9 0.6 1.9 0.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	4 4 7 7 6 6 6 7 7 4 5 6 6 2 2 6 0 9 1 1 2 5 7 1 1 4 1 1 2 6 4 4 8 8 15 11 1 3 0 0 2 5 7 7	2 2 3 5 1 1 2 2 8 1 1 3 2 2 8 1 1 3 3 3 4 4 1 1 1 3 5 5 7 4 4 4 9 9 1 1 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPO Down Jones Nikotel Nikot	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 5,326 92,107 86,053 5,779 2,364 2,297 18,951 952 3,259 6,597 19,52 3,259 6,597 111,13 117,3 14,1 131,2 14,1 14,1 17,4 17,4 17,4 17,4 17,4 17,4	0.0 0.1 1.4 0.7 0.6 0.6 0.6 0.6 0.6 0.7 1.0 0.1 1.0 0.7 1.0 0.6 0.6 0.6 0.6 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.2 0.5 0.3 1.9 0.1 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.6 0.4 0.7 0.3 0.2 0.3 0.3 0.3 0.3 0.3 0.2 0.4 0.0 0.0 1.7 1.0 0.0 1.5 1.5 1.8 0.6 0.6 1.9 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	4 4 7 7 6 6 6 7 7 4 5 6 6 2 2 6 0 9 1 1 2 5 5 7 1 1 4 1 1 1 2 6 4 8 8 11 1 3 0 0 2 5 7 7 11 3 3	2 2 3 5 1 1 2 2 8 100 -5 7 7 4 9 9 1 3 3 3 4 4 YTD 6 9 9 4 4 3 3 5 5 1 1 -17 6 12 9 9 11 1 -1 6 6 -3 5 5
SAPPOO Down Jones Niked 100 Earth Jones Niked 100 Earth Jones Earth Jones Earth Jones Earth Jones MSCI Latam * Blowcape (Bisze) Morbol	25,991 7,232 2,068 7,232 2,208 7,232 3,439 9,840 6,207 1,207	0.0 -0.1 -0.1 -0.6 -0.6 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -1.2 -1.0 -	1.6 0.4 0.4 0.7 0.3 0.2 0.3 0.3 0.3 0.3 0.2 0.4 0.0 0.0 1.7 1.0 0.0 1.5 1.5 1.8 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	4 4 7 6 6 6 7 7 4 5 5 6 2 2 6 6 0 9 1 1 2 5 7 1 1 4 1 1 2 6 4 4 8 115 115 3 0 0 2 2 5 7 7 11 3 3 4 8 8	2 2 3 5 1 1 2 2 3 1 1 3 2 2 8 10 5 7 7 4 9 9 1 1 3 3 3 4 4 11 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted to 19 Down Jones Do	25,991 7,232 2,068 7,232 2,208 7,232 9,840 9,840 9,840 9,1240 9,1240 9,1240 9,1240 11,	0.01 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -0.7 -1.0 -0.1 -1.1 -0.7 -0.6 -0.1 -0.1 -0.7 -0.0 -0.1 -0.1 -0.1 -0.1 -0.7 -0.0 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	1.6 2.4 0.4 0.4 0.4 0.0 0.2 0.3 0.2 0.2 0.3 0.2 0.4 0.4 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 6 6 6 7 7 4 5 5 6 2 2 6 6 0 9 9 1 2 2 5 7 1 1 4 1 1 2 2 6 1 1 1 3 3 0 2 2 5 7 7 1 1 3 3 4 8 6 6 10	2 2 3 5 5 1 1 2 2 8 8 100 5 5 7 7 4 9 9 1 3 3 3 4 4 10 6 6 9 9 9 4 4 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO Down Jones Noted	25,991 7,232	0.0 0.1 1.1 1.4 0.7 1.0 0.6 0.6 0.6 0.6 0.6 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.6 0.5 1.0 0.7 1.0 0.2 0.1 1.0 0.2 0.3 1.0 0.2 0.3 1.0 0.2 0.3 1.0 0.7 1.0 0.2 1.0 0.7 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.7 1.0 0.2 1.0 0.7 1.0 0.3 1.0 0.7 1.0 0.3 1.0 0.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	1.6 0.4 0.4 0.7 0.3 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.0 0.4 0.0 1.7 1.7 1.0 0.3 1.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	4 4 7 6 6 6 7 7 4 5 6 6 2 2 2 6 0 9 9 1 2 2 5 7 7 11 14 1 1 2 2 6 4 8 8 15 11 3 0 2 2 5 7 7 11 3 4 8 6 6	2 2 3 5 1 2 2 3 8 10 5 7 7 4 9 9 1 3 3 2 4 4 1710 6 6 9 3 3 9 9 9 4 3 3 5 5 1 1 -17 -6 3 3 5 2 2 0 0 4 3 3 5 5 1
SAPPO Down Jones Nikotel Nikot	25,991 7,232 2,068 7,232 2,208 7,232 9,840 9,840 9,840 9,1240 9,1240 9,1240 9,1240 11,	0.0 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	1.6	4 4 7 6 6 6 7 7 7 4 5 6 6 2 2 2 6 0 9 1 2 2 5 7 1 1 4 1 1 1 2 2 6 4 4 3 5 5 7 7 1 1 3 3 0 2 5 7 7 1 1 3 3 4 8 6 6 10 6 6 6	2 2 3 5 5 1 1 2 3 3 1 1 3 2 2 8 1 1 0 5 5 7 7 4 4 9 9 1 1 3 3 3 4 4 1 1 1 7 6 6 9 9 9 9 1 1 1 1 1 6 6 3 5 2 2 0 0 4 4 3 5 5
SAPPOO Down Jones Noted 100 Down Jones Noted 100 Down Jones Noted 100 DOX CAC CAC MISCA MI	25,991 7,220	0.0 1.1.1.4.4.0.5.0.5.0.0.0.1.0.0.0.0.0.0.0.0.0.0.0.0	1.6	4 4 7 6 6 6 7 7 4 4 6 6 6 8 8 111	2 2 3 5 4 1 2 3 1 1 3 3 2 2 8 1 1 0 5 5 7 7 4 4 9 9 1 1 3 3 9 4 4 3 5 5 1 1 7 6 6 2 9 9 1 1 1 1 6 6 3 5 5 2 0 0 4 4 3 5 5 1 1 3 3 5 5 2 0 0 4 4 3 5 5 1 1 3 3 5 5 2 0 0 4 4 3 5 5 1 1 3 3 5 5 2 0 0 4 4 3 5 5 1 1 3 3 5 5 2 0 0 4 4 3 5 5 1 1 3 3 5 5 2 0 0 4 4 3 5 5 1 1 3 3 5 5 2 0 0 4 4 3 5 5 5 1 1 3 3 5 5 5 5 1 1 3 3 5 5 5 5
SAPPOO Down Jones Noted Noted Service	25,991 7,220	0.0 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.6 2.4 0.4 0.4 0.2 0.2 0.3 0.2 0.3 0.2 0.2 0.3 0.5 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 6 6 6 7 7 7 4 5 6 6 2 2 2 6 0 9 9 1 1 2 2 5 7 7 1 1 4 1 1 2 2 6 4 4 8 8 1 1 1 3 3 0 0 2 5 7 7 1 1 1 3 4 8 6 6 1 1 0 2 6 6 8 8 1 1 1 2 6 6 6 8 8 1 1 1 2 6 6 6 6 8 8 1 1 1 2 6 6 6 6 8 8 1 1 1 2 6 6 6 6 8 8 1 1 1 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 8 8 1 1 1 2 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 2 3 5 5 1 1 3 3 2 8 8 10 0 5 7 7 4 9 9 1 3 3 3 4 4 YTD 6 12 2 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO Down Jones Noted	25,991 7,220 2,068 7,220 7,200	0.0 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.6	4 4 7 6 6 6 7 7 7 4 5 6 6 2 2 6 6 9 9 1 1 2 5 7 1 1 1 4 1 1 2 2 6 4 4 8 6 6 8 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 2 2 6 6 8 1 1 1 1 1 2 2 6 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 3 5 5 1 1 3 3 2 2 8 8 10 0 5 7 7 4 9 9 1 1 3 3 3 4 4 YTD 6 9 3 3 9 9 9 4 4 3 3 5 5 1 1 -17 6 6 3 5 5 2 0 0 4 4 3 3 5 5 1 1 3 3 5 2 2 0 0 4 4 3 3 5 5 1 1 3 3 5 2 2 0 0 4 4 3 3 5 5 1 1 3 3 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 4 4 3 3 5 5 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SAPPOO DOWN JONES NOVEL	25.991 7.2208 7.	0.0 0.0 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1.6. 0.4 0.4 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-4	2 2 3 3 1 1 3 3 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted	25.991 7.2202 7.2203 7.	0.01 -1.44 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	1.6. 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-4	2 2 3 3 5 5 1 1 3 3 2 4 4 3 3 5 5 1 1 1 1 1 5 5 1 1 1 1 5 5 1 1 1 1
SAPPOO Down Jones Noted Noted Service	25,991 7,220 22,068 7,220 7,20 7,	0.0 0.0 1.1 1.4 1.0 1.0 1.1 1.4 1.0 1.1 1.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.6. 2.4 0.4 0.0 0.2 0.2 0.4 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	-4	2 2 3 3 1 1 2 2 8 1 1 1 3 3 2 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOWN JONES NOVED NOVED JONES NOVED	25,991 7,220 2,068 7,220 7,220 8,220 8,220 8,220 8,220 8,220 12,436 8,032 12,436 8,032 12,436 8,032 12,436 8,032 12,436 8,032 12,436 8,032 12,436 8,032 13,932 13,931 14,11 13,22 14,11 13,23 14,11 13,24 14,11 13,24 14,11 13,24 14,11 13,24 14,11 13,24 14,11 14,11 13,24 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 14,11 15,11 16,14 16	0.01 -1.44 -0.7 -0.66 -0.7 -0.60 -0.7 -0.60 -0.7 -1.00 -0.7 -1.00 -0.7 -1.00 -0.7 -1.00 -0.7 -1.00 -0.7 -1.00 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.	1.6. 0.4 0.4 0.4 0.5 0.5 0.5 0.2 1.1 1.5 0.5 5.6 0.2 1.1 1.2 1.5 0.5 0.2 1.1 1.2 1.5 0.5 0.2 1.1 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	4 4 7 6 6 6 7 7 7 7 7 4 5 6 6 2 2 2 6 0 9 9 1 1 2 2 5 7 7 1 4 1 1 1 2 2 6 1 1 1 3 0 0 2 2 3 1 4 4 8 6 1 1 1 2 2 6 8 1 1 1 2 2 6 8 1 1 1 2 2 6 8 1 1 1 2 2 6 8 1 1 1 2 2 6 8 1 1 1 1 2 2 6 8 1 1 1 1 2 2 6 8 1 1 1 1 2 2 6 8 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1	2 2 3 3 1 1 2 2 8 8 10 10 5 7 7 4 9 9 1 1 3 3 3 4 4 7 7 10 6 6 9 9 9 1 1 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOW Jones Noted N	25.991 7.220	0.00 0.01 1-1.4 0.6 0.7 0.6 0.6 0.7 0.6 0.7 0.6 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.1 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.6. 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.	4 4 4 7 6 6 6 7 7 7 4 5 6 6 2 2 8 6 0 9 9 1 2 5 7 7 1 1 4 1 1 1 1 2 2 6 4 1 5 1 1 1 1 1 3 3 0 2 2 5 7 7 1 1 3 3 4 8 6 6 1 1 1 2 2 6 1 1 1 2 2 6 1 1 1 2 2 6 1 1 1 1	2 2 3 3 5 5 1 1 2 2 8 8 100 5 5 7 7 4 9 9 1 1 1 1 1 1 5 5 1 1 3 3 5 1 1 4 1 5 1 1 1 1 1 5 1 1 1 1 1 1 5 1 1 1 1
SAPPOO DOWN JONES NORM NORM NORM NORM NORM NORM NORM NORM	25.991 7.2302 7.2303 7.	0.01 -1.14 -0.65 -0.37 -0.69 -0.71 -	1.6. 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.	4 4 4 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 2 3 3 5 1 1 3 2 2 8 8 10 5 5 7 4 9 1 1 3 3 5 5 1 1 1 1 1 1 5 1 1 1 1 1 1 1
SAPPOO DOWN JONES NOVED	25.991 7.22068	0.0	1.6. 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 7 6 6 6 7 7 4 5 6 6 6 9 9 1 2 2 2 6 6 9 9 1 1 2 2 2 6 7 7 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 3 3 1 1 1 2 2 3 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted In John John John John John John John Joh	25.991 7.220	0.01 -0.1 -1.4 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	1.6. 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.	4 4 7 7 6 6 6 6 7 7 7 4 5 6 6 6 7 7 7 4 5 6 6 6 7 7 7 4 5 6 6 6 7 7 7 4 5 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 3 3 1 1 1 2 2 3 1 1 1 1 1 1 1 1 1 1
SAPPO Down Jones Noted N	25.991 7.2208 7.	0.01 -1.44 -0.76 -0.66 -0.77 -0.66 -0.77 -1.00 -0.67 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -1.00 -0.77 -0.30 -	1.6. 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 7 6 6 6 7 7 4 5 6 6 6 7 7 6 6 6 6 7 7 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1	2 2 3 3 5 1 1 1 2 2 2 1 1 1 1 1 5 1 1 2 2 4 1 1 1 2 2 2 4 1 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 1
SAPPON Down Jones Noted	25.991 7.2208 7.	0.01 -1.44 -0.46 -0.69 -	1.6. 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 7 6 6 6 7 7 4 5 6 6 6 9 9 1 1 2 2 6 6 9 9 1 1 1 4 4 9 1 1 1 1 1 1 1 1 1 1 1 1	2 2 3 3 1 1 2 2 3 1 1 1 2 2 2 4 1 1 1 1 1 2 2 2 2 1 1 2 2 3 2 2 2 1 1 2 2 3 2 2 2 1 1 2 2 3 3 2 3 3 3 3
SAPPOO DOWN JONES NOVEL NOVEL JONES NOVEL	25.991 7.2208 7.	0.00	1.6. 0.4 0.4 0.0 0.0 0.3 0.2 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 7 7 8 6 6 6 7 7 7 8 9 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2 2 3 3 4 1 1 2 3 3 3 4 4 3 3 5 5 1 1 2 2 3 3 5 5 1 1 3 4 3 5 5 1 1 2 2 2 4 4 3 5 5 1 1 3 1 3 3 3 5 5 1 1 2 2 2 4 4 3 5 5 1 1 3 1 3 3 5 5 1 1 1 1 1 1 1 2 2 2 3 3 5 5 1 1 1 1 1 1 1 2 2 2 3 3 2 1 1 1 1 1 1 2 2 3 3 2 2 1 1 1 1
SAPPOO Down Jones Noted In John John John John John John John Joh	25,991 7,220 2,068 7,220 7,220 8,020 12,436 12,436 12,436 12,436 12,436 12,436 13,436 14,136	0.00	1.6. 0.4 2.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 4 7 7 7 4 6 6 6 6 7 7 7 4 6 6 6 6 7 7 7 4 6 6 6 6	2 2 3 3 4 4 10 6 9 9 9 4 3 3 3 3 4 4 10 6 6 9 9 9 9 4 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOW Jones Noted N	25.991 7.2208 7.	0.0	1.6. 0.4 0.4 0.3 0.2 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	4 4 4 7 7 7 4 6 6 6 7 7 7 4 6 6 6 6 9 7 7 4 6 6 6 6 9 9 9 1 2 2 5 5 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 3 3 4 1 1 1 2 3 3 2 4 1 1 1 1 5 5 1 1 1 1 1 1 5 5 1 1 1 1 1
SAPPOO DOWN JONES NORM NORM NORM NORM NORM NORM NORM NORM	25.991 (2.2068) 22.008 (2.2068	0.01 1.14 1.01 1.16 0.06 0.06 0.07 0.07 0.07 0.07 0.07 0.0	1.6. 0.4 0.4 0.0 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 7 7 4 6 6 6 7 7 7 4 6 6 6 7 7 7 4 6 7 7 7 7	2 2 3 3 5 5 1 1 2 3 3 3 5 5 1 1 7 1 6 6 6 1 2 9 9 9 9 4 4 3 1 3 3 3 5 5 1 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1





Developed Markets	ts (10Y, %, ch level	Daily	Week	Month	YTD
US (2-yr) US	2.26 2.88	0.2 -1.6	-0.4 -7.3	15 18	34 41
GER (2-yr) Germany	-0.54 0.66	-1.6 -2.2	-2.8 -6.4	-2 -4	7
France	0.92	-3.0	-6.9	-5	10
Spain Italy	1.54 1.97	-2.7 -3.2	-5.5 -7.6	-5	-8 -12
Portugal Greece	1.99 4.41	-2.4 3.5	-0.5 -3.1	-18 75	-2 31
Japan (2-yr) Japan	-0.16 0.05	0.8	-0.6 -3.6	-3 1	-2 1
Emerging Markets	level	Daily	Weekly	Monthly	YTD
Brazil Chile	9.58 4.56	-7.0 -0.1	-29.5 0.4	-19 5	-68 5
Colombia Mexico	6.56 7.64	1.9 0.4	-0.3 -4.5	18 5	12
Peru	4.52	-2.0	-6.0	9	-35
Poland Russia	3.36 7.13	-3.2 -3.8	-13.7 -0.5	-23 -35	-51
Turkey India	11.58 7.73	6.0	4.0 1.6	-6 28	22 34
Indonesia	6.63	10.9	20.8	32	33
Country : Developed Markets	risk (bp, chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany					
France Italy	26 132	-0.8 -1.0	-0.5 -1.2	-1 -2	-2 -24
Portugal Spain	133 88	-0.2 -0.5	5.9 0.9	9	-14 -20
2-yr so vereign spread vs Germany					
France Italy	9 36	-0.5 -0.1	0.0	-4 12	-7 -1
Portugal Spain	52	-0.3	2.2 5.0	-11	-15
Emerging Markets	33 level	-0.9 Daily	0.0 Weekly	16 Monthly	6 YTD
5-yr so vereign CDS * Brazil	152	2.7	- 4	10	-9
Chile	44	-0.6	-4	1	-5
Colombia Mexico	100 104	2.3	- 4	10 8	-5 -3
Peru	74	0.3	-2	7	2
Poland Russia	46 104	-1.5 1.8	-3 -8	-1 -8	-2 -14
Turkey China	166 56	0.2 -0.4	-1 -3	3 5	2 5
India	71	1.6	3	5	2
Indonesia	85 tisk indicators	0.2	-2	7	0
Volatilty indicators (change in pp)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	19 18	0.6	-4	5 5	9 5
EM EFT volatility Index	25	0.3	1	4	8
Dollar/euro volatility EM FX volatility index	8	0.1 -0.1	-1 0	0	1
Credit spread (BAA) (change in bps)	171	1.6	5	12	-6
US bonds volatility index Inflation expectations (%)	64 level	0.2 Daily	3 Weekly	8 Monthly	15 YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.44 1.72		1	6 -1	12 -1
Banking 5y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	51 49	0.4	0	9	8
UK	43	-0.9	- 1	4	3
Large Spanish Medium Spanish	42 69	-4.2 0.5	-3 1	12 9	-5
			Weekly	Monthly	YTD
US Non-financial EZ Non-financial	146 64	0.4 -1.4	0	9	8
UK Non-financial	101	-0.6	1	5	8
Interbank m	level	inges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36 -0.33	0	1 0	0	1
Euribor 3m Euribor 12m	-0.19	0	0	0	- 4
Libor 3m Libor 12m	2.01 2.48	2	10 7	24 24	31 37
	ock markets (	10			
Main indices	level	Daily	Weekly	Monthly	YTE
CCREOO				-4	2
Down Jones	2,743	0.0	1.6	- 1	
Dow Jones Nikkei	25,391 22,068	-0.1 -1.4	2.4 0.4	-4 -7	-3
Dow Jones Nikkel FTSE 100	25,391	-0.1	2.4		2
Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	25,391 22,068 7,232 3,439 9,840	-0.1 -1.4 -0.7 -0.6 -0.6	2.4 0.4 -0.7 0.3 0.2	-7 -6 -6 -7	2 -3 -5 -1
Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	25,391 22,068 7,232 3,439 9,840 12,436	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4	2.4 0.4 -0.7 0.3 0.2 -0.3	-7 -6 -6 -7 -7	2 -3 -5 -1 -2 -3
Dow Jones Nittes IFTSE 100 EuroStoxus 50 BBEX DAX CAC	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2	-7 -6 -6 -7 -7 -4 -5	2 -3 -5 -1 -2 -3 1
Dow Jones Nikled TTSE 100 EuroStoxx 50 BEX DAX CAC MIB MSE Athens MSC Latam*	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4	-7 -6 -6 -7 -7 -4 -5 -6 -2	2 -3 -5 -1 -2 -3 1 3 2 8
Dow Jones Nikke FTSE 100 EEEroStoxx 50 BEX DAX CAG MIB MS SSE Athens MSCI Latan* blovespa (Brazil) Merbol.	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4	.7 -6 -6 -7 -7 -4 -5 -6 -2 2	2 -3 -5 -1 -2 -3 1 3 2 8 10
Dow Jones Wikke FTSE 100 EEE/Stoot 50 BEX DAX DAX CAC MIB ESE Afterns MSCI Latam * Boovega (Binzil) Moctod	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.0 -2.3 2.7	.7 -6 -6 -7 -7 -4 -5 -6 -2 2 -6 0	2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7
Dow Jones Wikke FTSE 100 EEExoStox. 50 BEX DAX CACAC MIS B MSG Latam * bovega Gazill MSG Latam * MSG L	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.3 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4 0.0 -2.3 2.7 -1.7	.7 -6 -6 -7 -7 -4 -5 -6 -2 2	2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4
Dow Jones Wikke FTSE 100 FTSE 100 FTSE 100 FTSE 200 FTSE	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1	2.4 0.4 -0.7 0.3 0.2 -0.4 0.4 0.0 -2.3 2.7 -1.7 -1.0 2.3	7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 0 -9 1 -2	2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1
Down Jones Wikkel FTSE TIOD  GENERATION TO GENERATE  BEAN GENERATE  MEG LALAM *  ME	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.7 -1.0	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.0 -2.3 2.7 -1.7 -1.0 2.3 1.5 1.9	7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 0 -9 1 -2 -5 -7	2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1 3
Down Jones Wikkel FTSE TIOD  GENERATION TO GENERATE  BEAN GENERATE  MEG LALAM *  ME	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.7	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.0 -2.3 2.7 -1.7 -1.0 2.3 1.5	7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 0 -9 1 -2 -5	2 -3 -5 -1 -2 -3 1 3 2 8 10 -5 7 -4 9 1
Down Jones Wikkel HTSE 100 HTS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597 kvd	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.7 -1.0 -0.6 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	2.4 0.4 -0.7 0.3 0.2 -0.3 0.3 -0.2 -0.4 0.4 0.0 -2.3 2.7 -1.7 -1.0 Weekly 1.5	7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 -0 -9 -1 -2 -5 -7 -1 Monthly -2	2 3 5 5 -1 -2 2 3 1 1 3 2 2 8 10 -5 5 7 7 -4 4 9 1 1 3 3 3 3 4 4 YTU 6 6
Down Jones Wikkel #TISE 100 #TISE 100 #ELEAN SON #ELEAN SON #ELEAN SON #ELEAN SON #MSC LAttam * ### Bloovega @ilaza@ ### MSC LAttam * ### MSC LATtam * ### MSC LATtam * ### MSC LATTAM SON ### MSC LATTAM S	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597 level	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.7 -1.0 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0	2.4 0.4 -0.7 0.3 0.2 -0.3 -0.2 -0.4 0.0 -2.3 2.7 -1.0 2.3 1.5 1.9 -1.0 Weekly 1.8	-7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 0 -9 1 -2 -5 -7 -1 Monthly -2 1	2 3 5 5 1 1 2 2 3 1 3 3 2 2 8 100 5 5 7 4 9 9 1 1 3 3 3 4 4 YTTO
Down Jones Wilstel #15.E 10.00.5.9 #15.E 10.00	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 692,177 86,053 47,405 5,779 2,364 2,297 118,951 1952 3,259 level 151,88 117,3 76,5 32,5	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.7 -1.0 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0	2.4 0.4 -0.7 0.3 0.2 -0.3 0.2 -0.4 0.0 -2.3 1.5 1.9 -0.6 -0.6 -0.6 -0.7 -0.7 -0.8 -0.8 -0.9 -0	7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 0 -9 1 -2 -5 -7 -1 Monthly -2 1 -4 -1	2 3 3 5 5 -1 1 2 2 8 8 100 5 5 7 7 4 9 9 1 1 3 3 -3 4 4 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jones Hilded HTSE TOO HTSE TOO HTSE TOO HTSE TOO HIS MEMORIAN DAX ACAC MIB BESE ATMENS HIS MEMORIAN HIS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 151,88 117,3 76,5 32,5 56,9 266,8	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -0.7 -1.0 -0.6 -0.6 -0.6 -0.4 -0.5 -0.3 -0.7 -1.0 -0.1 -0.6 -0.6 -0.6 -0.6 -0.4 -0.5 -0.6 -0.6 -0.6 -0.6 -0.7 -1.0 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.4 0.4 0.7 0.3 0.2 0.3 0.3 0.2 -0.4 0.4 0.0 2.3 2.7 -1.0 2.3 1.9 -1.0 Weekly 1.5 1.9 3.3 3.1 3.1 3.1 3.1 3.1 3.1 3.1	7 -6 -6 -7 -7 -7 -4 -5 -6 -2 -2 -6 -9 -1 -2 -5 -7 -1 Monthly -2 -1 -4 -1 -2 -2 -5 -7 -1 -4 -1 -1 -2 -2 -5 -7 -1 -4 -1 -1 -2 -2 -5 -7 -1 -4 -1 -2 -2 -5 -7 -1 -4 -1 -2 -2 -5 -7 -1 -4 -1 -2 -2 -2 -5 -7 -1 -4 -1 -2 -2 -2 -2 -5 -7 -1 -4 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	2 3 3 5 5 1 1 2 2 3 3 1 1 3 3 2 2 8 8 1 1 0 0 5 5 7 4 4 9 9 1 1 3 3 9 9 9 9 9 9 4 4
Down Jones Wikled FTSE TIOD  TEXT STORY  BEAUTY  BEAUT	25.391 22.068 7.232 3.439 9.840 12.436 5.320 22.608 836 92.177 86.053 47,405 5.779 118,951 952 3.259 6.597 184,951 151.8 117.3 22.5 56.9 266.8	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.3 -0.7 -1.0 -1.2 -0.1 -2.4 -1.9 -0.1 -0.6 -0.6 -0.6 -0.6 -0.0 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.4 0.4 0.7 0.3 0.2 0.3 0.3 0.4 0.4 0.0 2.3 2.7 1.0 2.3 1.5 1.9 1.0 Weekly 1.5 1.8 0.6 1.9 3.3 1.3 0.0 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	7 -6 -6 -7 -7 -4 -5 -6 -2 -2 -6 -0 -9 -1 -2 -5 -7 -1 -1 -4 -1 -2 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	2 3 3 5 5 1 1 3 2 2 8 8 10 0 5 5 7 7 4 4 9 9 3 3 9 9 9 4 4 3 3
Down Jones Wilstel #15.E 1.00	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597 ievel 151,8 117,3 76,5 32,5 56,9 266,8 112,1 65,4	0.1 1.4.4 0.6 0.6 0.6 0.6 0.3 0.7 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.4 0.4 0.7 0.3 0.2 0.3 0.2 0.4 0.4 0.0 -2.3 1.7 1.0 0.2 1.5 1.9 1.0 1.5 1.8 0.6 1.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 6 6 6 7 7 4 5 6 6 2 2 2 6 6 0 9 9 1 1 2 5 7 1 1 4 4 1 1 1 2 2 6 4 4 8	2 3 3 5 1 1 3 2 2 8 8 100 5 5 7 4 4 9 9 1 1 3 3 3 4 4 9 9 1 1 3 3 9 9 9 9 1 4 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jones Wikkel HTSE 100 HTS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597  evel 151,8 117,3 76,5 32,5 56,9 266,8 112,1 14,1 13,2	0.1 1.4 0.7 0.6 0.6 0.6 0.4 0.4 0.5 0.7 1.0 0.1 1.2 0.1 0.1 0.6 0.6 0.6 0.6 0.0 0.7 0.7 0.0 0.1 0.7 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.4 0.4 0.7 0.3 0.2 0.3 0.3 0.2 0.4 0.4 0.0 2.3 2.7 -1.0 2.3 1.5 1.9 1.0 Weekly 1.5 1.9 3.3 0.6 1.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	7 6 6 6 7 7 4 4 5 6 6 2 2 2 6 6 0 9 9 1 1 -2 5 5 7 1 1 1 1 2 6 6 4 8 8 5 15 11 11	2 3 3 5 5 1 1 2 2 8 8 10 6 5 7 7 4 4 9 9 1 1 3 3 3 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Down Jones Wikkel #TSE 100 #TS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 952 3,259 6,597  evel 151,8 117,3 76,5 32,5 56,9 266,8 112,1 14,1 13,2	-0.1 -1.4 -0.7 -0.6 -0.6 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -1.2 -1.0 -1.1 -0.1 -0.1 -0.1 -0.6 -0.6 -0.3 -0.3 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.4 0.7 0.3 0.2 0.3 0.3 0.3 0.3 0.3 0.4 0.0 0.4 0.0 2.7 1.7 1.7 1.9 1.0 0.8 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 6 6 6 7 7 4 5 6 6 2 2 6 0 9 1 1 2 5 7 1 1 1 1 2 2 6 4 4 8 4 15 11 3 3	2 3 3 5 1 2 8 8 100 5 5 7 7 4 4 9 9 1 3 3 4 4 9 9 1 4 3 3 5 1 1 -17 6 6 1 1 2
Down Jones Wilstel #15.E 1.Down 5.9 #15.	25,391 22,068 7,232 3,439 9,840 12,436 5,320 12,436 5,320 836 92,177 86,053 47,405 5,779 2,364 2,297 118,951 151,8 151,8 16,5 112,1 16,5 112,1 13,2 14,1 13,2 14,5 3,1 47,1	-0.1 -1.4 -0.7 -0.6 -0.6 -0.3 -0.5 -0.3 -0.7 -1.0 -1.2 -0.1 -0.7 -1.0 -0.1 -0.7 -0.1 -0.6 -0.3 -0.6 -0.3 -0.6 -0.5 -0.7 -0.1 -0.6 -0.6 -0.7 -0.6 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.6 -0.6 -0.7 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	2.4 0.7 0.3 0.2 0.3 0.2 0.3 0.0 0.3 0.0 0.4 0.0 0.4 0.0 2.3 1.5 1.9 1.0 0.0 0.0 0.3 2.7 1.0 0.2 0.3 0.3 0.4 0.4 0.0 0.4 0.0 0.4 0.0 0.0 0.0 0.0	7 6 6 6 7 7 4 5 6 2 2 6 6 0 9 1 2 2 5 7 1 1 4 1 1 1 2 6 4 8 8 115 3 0 2 2	2
Down Jones Wikkel Historia Committee Historia Histori	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,295 118,951 3,29 151,8 117,3 3,6,59 151,8 117,3 3,6,59 165,4 114,1 13,2 14,5 3,1 14,1 14,1 14,1 14,1 17,4 91,0	-0.1 -0.1 -0.7 -0.6 -0.4 -0.5 -0.7 -1.0 -0.5 -0.7 -1.0 -0.1 -1.2 -0.1 -1.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.4 -0.5 -0.7 -1.0 -0.6 -0.7 -1.0 -0.6 -0.7 -1.0 -0.5 -0.7 -1.0 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	2.4 0.7 0.3 0.2 0.3 0.2 0.3 0.2 0.4 0.0 0.0 1.7 1.0 1.5 1.5 1.9 3.3 3.3 0.0 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 6 6 7 7 7 4 5 5 6 6 2 2 6 0 9 1 2 5 7 1 1 4 1 1 2 6 4 8 8 115 111 3 0 0 2 5 5	2 3 3 5 -1 1 3 2 8 8 100 -5 5 7 4 4 9 9 3 3 9 9 4 4 3 5 5 1 1 -17 6 6 12 9 9 11 1 1 -1 1 -1
Down Jones Wikkel HTSE 100 HTS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 22,608 836 92,177 86,053 47,405 5,779 2,364 2,295 118,951 117,3 3,25 5,6597 117,3 117,3 117,3 117,1 117,4	-0.1 -0.1 -0.7 -0.6 -0.4 -0.5 -0.3 -0.7 -1.0 -0.7 -1.0 -0.1 -0.7 -1.0 -0.2 -0.1 -0.2 -0.4 -0.4 -0.5 -0.3 -0.7 -1.0 -0.6 -0.7 -1.0 -0.7 -1.0 -0.7 -1.0 -0.7 -1.0 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0	2.4 0.4 0.7 0.3 0.2 0.3 0.2 0.3 0.2 0.4 0.4 0.4 0.4 0.0 0.2 2.3 1.5 1.5 1.9 1.0 0.6 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 6 6 7 7 7 4 5 6 6 2 2 6 0 0 9 1 2 5 7 1 1 4 1 2 6 4 4 8 8 1 15 11 3 0 2 5 5 7 11 1	2 3 3 5 5 1 1 2 2 8 8 1000 6 9 9 9 9 4 4 3 3 5 5 1 1 7 1 6 6 6 12 9 11 1 1 1 6 3 3
Down Jones Wikkel #TSE 100 #TS	25,391 22,068 7,232 3,439 9,840 12,436 5,320 836 5,320 836 7,405 92,107 8,653 147,405 952 3,259 6,597 18,951 117,3 76,5 32,5 56,9 266,8 112,1 114,5 114,5 117,4 91,0 717,1	-0.1 -0.7 -0.6 -0.4 -0.5 -0.4 -0.5 -0.1 -0.7 -1.0 -0.1 -0.7 -1.0 -0.1 -0.7 -1.0 -0.6 -0.1 -0.1 -0.6 -0.1 -0.1 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	2.4 -0.7 -0.7 -0.3 -0.2 -0.3 -0.2 -0.3 -0.2 -0.4 -0.4 -0.4 -0.4 -0.4 -0.5 -1.7 -1.7 -1.7 -1.7 -1.7 -1.9 -1.0 -	7 6 6 6 7 7 7 4 5 6 6 2 2 2 6 0 0 9 1 1 2 5 5 7 1 1 1 1 2 2 6 4 8 15 111 3 3 0 2 5 5 7 7 111 3 4	2 3 3 1 3 2 8 8 10 6 5 7 7 4 9 9 1 3 3 5 5 1 1 -17 6 6 1 2 9 9 1 1 1 -1 6 3 3 5 2
Down Jones Wikkel Historia Committee Historia	25,391 22,068 7,232 3,439 9,880 12,466 3,260 3,260 3,260 47,405 5,262 47,405 5,265 47,405 5,265 47,405 5,265 47,405 5,265 47,405 5,265 47,405 5,265 47,405 111,81 11,81	-0.1 -0.4 -0.6 -0.6 -0.4 -0.5 -0.3 -0.7 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.4 -0.7 -0.3 -0.2 -0.3 -0.3 -0.3 -0.3 -0.3 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.2 -1.7 -1.7 -1.0 -	7 6 6 6 7 7 7 4 5 6 6 2 2 2 6 6 0 9 1 1 2 5 5 7 1 4 1 1 1 1 2 2 6 4 8 8 15 7 7 11 3 3 0 2 5 7 7 11 3 3 4 8 8	2 3 3 1 1 3 2 8 8 10 0 5 5 7 7 4 9 9 1 1 3 3 3 5 1 1 1 7 7 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Down Jones Wikkel Historia Committee Historia Histor	25,991 7,232	-0.1 -0.4 -0.6 -0.6 -0.4 -0.5 -0.3 -0.7 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.4 -0.7 -0.3 -0.2 -0.3 -0.3 -0.3 -0.3 -0.3 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -1.7 -	7 6 6 7 7 7 4 5 6 2 2 6 0 9 1 1 2 2 5 7 1 1 4 1 2 2 6 4 8 111 3 3 0 0 2 5 7 7 11 3 3 4 8 6 6 110	2 3 5 5 1 1 3 2 8 8 10 6 5 7 4 4 9 9 3 3 5 1 1 -17 6 6 3 5 2 0 0 4 3
Down Jones Wilstein FTSE TOD F	25,991 7,322 2,008 7,332 9,860 9,870 9,860 9,177 1,170	0-1 1.4 0.7 0.6 0.6 0.4 0.5 0.1 0.0 0.6 0.1 0.0 0.0	2.4 0.4 -0.7 0.3 0.2 0.3 0.3 0.3 0.3 0.2 0.4 0.0 0.4 0.0 2.3 2.7 1.0 0.8 1.5 1.8 0.6 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	7 6 6 6 7 7 7 4 5 6 6 0 9 1 2 2 6 6 0 9 1 2 2 5 7 1 1 4 1 1 1 2 6 6 4 1 1 1 1 3 0 0 2 5 7 7 1 1 1 3 4 8 6 6 10 6 6 6 6 6	2 3 3 5 5 1 1 3 2 2 8 1 1 3 3 2 2 8 1 1 1 3 3 3 3 3 4 4 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	-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	-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 Motod MSC EM Europe* Poland Misse Bissell Misse Bissell Misse Bissell Misse Bissell Missell M	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 1248.0 109.8 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 2,205 113,590 922 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	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 -9.2 -6.2 -1.1 -6.1 -6.2 -6.3 -6.3 -6.3 -6.3 -7.4 -6.3 -7.5	-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 -1.2 -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 4.2 4.2 4.2 4.2 4.2	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 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 4.5 4.5 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6	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 -0.6 -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 4.8 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 3,1 44,0 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,3 17,7 89,4 80,4 80,5 80,5 80,5 80,5 80,5 80,5 80,5 80,5	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 66.5 84.4 1.0 1.8 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	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 0.7 2.1 2.2 2.9 2.7 2.1 2.4 1.1 1.1 2.3 2.2 2.9 1.0 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	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 6.5 4.5 7.3 2 6.2 1.1 4.1 4.1 4.1 4.3 3.5 6.4 6.3 6.4 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	-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 47 488 455 644 47 488 455 450 Weekly	-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 0.3 1.4 0.2 -2.3 -2.2 -2.9 -1.7 -2.1 -2.4 -2.4 -2.2 -2.9 -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 65.5 663 466 466 465 467 33 45 467 47 447 447 447 447 458 458 468 468 468 468 468 468 468 468 468 46	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 5.578 5.578 5.578 5.578 5.578 5.578 5.588 5.598 5.588 5.598	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 12 7 7 12 7 7 12 7 7 12 7 12 7
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 3.9 6.5 6.7 3.9 6.5 6.7 4.0 6.6 6.7 6.7 6.7 6.7 6.7 6.7 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	2 1 1 0 4 9 2 2 2 3 1 1 4 4 2 2 6 6 5 5 7 7 10 10 10 11 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 1,310	0.1 0.3 1.0 0.5 1.0 0.6 0.2 2.0 1.0 0.6 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	488 461 451 461 463 463 463 4663 4663 465 465 465 466 465 466 465 466 465 466 465 466 467 467 40 468 467 468 467 468 467 468 467 468 467 468 468 468 468 468 468 468 468 468 468	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 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	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 10 Monthly 2.4 2 2 3 3 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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 2 2 2 2 9 17 7 7 12 7 7 7 12 7 7 7 7
Boverage Bissell Mochad MacCo M. Europe * Polend Mochad M. Comment	81,606 5,558 5,558 1,759 112,500 112,5	0.1 0.3 1.5 1.0 0.5 1.0 0.6 0.2 4.1 0.4 1.3 1.4 1.3 1.1 1.1 1.1 1.2 2.2 2.2 2.2 2.2 2.2 2.2	488 461 461 465 364 463 463 4663 4663 4663 467 462 467 462 467 467 468 467 467 468 467 468 467 468 468 468 468 468 468 468 468 468 468	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 5 1 0 0 1 1 2 7 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 1 1 2 7 1 1 6 0 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
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 1.7 3.3 9.6 1.8 4.6 1.8 4.7 3.3 3.5 5.6 1.8 4.6 1.8 4.7 3.3 3.5 5.7 3.3 3.5 3.5 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	-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 0.8 1.1 1.3 1.1 1.0 2.2 0.7 2.2 2.9 1.2 2.9 1.2 2.9 1.2 2.9 1.2 2.9 1.2 2.9 1.0 0.5 1.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	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 Morethly 3 1 4 4 2 2 6 5 8 19 11 4 4 5 4 6 6 5 5 7 7 10 Morethly 2.4 2 2.3 3.2 1 1 1 1 2 2 2 3 1 1 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 1.0.	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 2 2 1 1 4 2 2 4 4 2 2 3 2 1 1 1 1 1 4 6 6 6 6 5 7 7 7 1 1 0 1 2 1 2 2 3 2 1 1 1 2 1 2 2 3 3 2 1 1 2 2 3 3 2 3 3 2 3 3 3 3	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	4.8.1 4.5.1 4.5.1 4.5.1 4.5.2 4.6.1 4.5.2 4.6.2 4.5.5.9 4.6.2 4.5.6.2 4.6.6 4.5.6 4.6.6 4.	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 2 1 1 5 1 0 0 1 1 2 7 2 2 1 3 2 2 1 3 3 2 1 1 5 1 0 0 1 1 2 7 2 2 1 3 3 2 1 1 5 1 0 0 1 1 2 7 1 1 5 1 0 0 1 1 1 2 7 1 1 5 1 0 0 1 1 1 2 7 1 1 5 1 0 0 1 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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 0.8 1.6 0.2 2.9 1.0 2.2 2.9 1.0 2.2 2.9 1.0 2.0 0.8 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	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 1 0 4 9 9 2 1 1 1 1 4 1 5 1 1 1 1 1 1 1 1 1 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 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 0.3 1.5 0.3 1.0.3 1.5 1.0 0.5 1.0 0.5 1.0 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 1 1 0 0 1 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0	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 0.6 0.8 1.4 0.7 2.3 2.2 2.9 0.2 2.1 0.7 2.1 2.1 0.9 2.2 2.9 0.2 2.9 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	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 0.5 1.0 0.5 1.0 0.8 1.4 0.8 1.4 1.3 1.1 1.1 1.2 1.2 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	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

