

Market Comment | EUR dropped after change on ECB guidance in next meeting was played down

Global Financial Markets Unit 16 Jan 2018

- The EUR and European bond yields declined across Europe, after talks said that the ECB is unlikely to change its stance at the next meeting. As a consequence, the prospects of an early change in forward guidance (see) were played down, offsetting partially the recent hawkish investor sentiment. Nonetheless, ECB comments on QE exit strategy remained ongoing (see).
- Financial markets rose ahead of the start of the earnings report season in the US. European stocks rose, after the drop of the EUR which boosted stocks. On the other hand, the funding bill to avoid the US government shutdown on Friday remained in the spotlight (see).
- Oil prices declined after the recent rally (see), although demand supported the US\$70 level. A higher USD and lower oil prices led to widespread depreciation of EM currencies. Commodity prices also registered a fall during the session. On the other hand, the TRY remained little changed after yesterday's fall due to geopolitical risks.

Update 18 CET 16 January 2018 Table 1



Debt markets Developed Markets	level	Daily	Week	Month	Year
US (2-yr) US	2.02 2.56	2.5 1.1	5.4 0.4	19 20	81 12
GER (2-yr) Germany	-0.57 0.56	0.2 -2.5	4.2 2.6	14 19	20 22
France Spain	0.84 1.50	-2.4 -2.9	1.9 -1.3	21	7
Italy Portugal	1.97 1.79 3.78	-3.1 -1.0	-6.4 -7.3 9.7	16 -5	-211 -310
Greece Japan (2-yr)	-0.13	-11.2 0.2	9.7 0.4 3.7	-19 2 2	6
Japan Emerging Markets	0.08 level	1.2 Daily	Weekly	Monthly	2 Year
Brazil Chile	9.91 4.57	0.6	-11.0 3.4	-48 -12	-151 25
Colombia Mexico	6.44 7.56	2.6 4.1	10.7 8.5	-5 8	-65 -8
Peru Poland	4.40 3.28	-4.8 -2.0	-29.0 -3.5	-78 5	-207 -44
Russia Turkey	7.51 11.64	2.5 6.0	-4.2 29.0	-12 -45	-93 64
India Indonesia	7.38 6.16	11.4 -4.0	1.6 -1.8	25 -33	100 -168
Country ri Developed Markets	sk (bp, chang level	es in bp) Daily	Weekly	Monthly	Year
10-yr so vereign spread vs Germany France	28	0.1	-0.7	1	-19
Italy Portugal	141 123	-0.6 1.5	-9.0 -9.9	-3 -24	-11 -232
Spain	94	-0.4	-3.9	-15	-15
2-yr so vereign spread vs Germany France	15	-0.6	0.3	-1	4
Italy Portugal	26 31	-1.6 -0.4	-3.8 -3.7	-15 -12	-35 -50
Spain Emerging Markets	19 level	-1.0 Daily	-3.2 Weekly	-18 Monthly	-29 Year
5-yr so vereign CDS * Brazil	141	-3.3	-3	-27	-131
Chile Colombia	44 92	0.3	-2 -3	-11 -19	-38 -71
Mexico	98	0.2	2	-7	-58
Peru Poland	66 49	0.2	-1 2	-6 -1	-42 -27
Russia Turkey	111 161	1.3 3.8	-6 0	-16 -18	-66 -111
China India	48 67	0.7	-3 -1	-6 -4	-69 -60
Indonesia Ric	80 k indicators	0.7	1	-12	-76
Volatilty indicators (%)	level	Daily	Weekly	Monthly 19	Year
VSTOXX	11	10.6 2.5	12	19 -4	-5
EM EFT volatility Index Dollar/euro volatility	16 7	5.4 -10.5	-3 19	13 32	-21 -34
EM FX volatility index Credit spread (BAA) (bps)	8 167	3.1 -1.1	3 -6	-11	-30 -60
US bonds volatility index Inflation expectations (%)	48 level	0.0 Daily	1 Weekly	3 Monthly	-38 Year
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.34 1.76	5.1 0.7	-1 3	6 5	-20 -4
Banking 5y CDS (bps) *		Daily	Weekly	Monthly	
US EZ	42 36	-0.1 0.7	-2	-2 -5	-30 -72
UK Large Spanish	41 34	0.8 0.8	0	-1 -5	-49 -83
Medium Spanish Corporate Sy CDS (bps) *	68	-0.8	-3 Weekly	-10 Monthly	-84 Year
US Non-financial	142	-0.1	1 -2	-2 -5	-30
EZ Non-financial UK Non-financial	61 96	0.7 0.1	5	2	-72 -29
Interbank ma	rkets (%, che level	anges in by Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.37 -0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.19 1.73	0.00	0.0	0.0	-0.1 0.7
Libor 12m	2.19			0.1	
		0.02	0.0	0.1	0.5
Stoo	k markets (%)			
Stor Main indices S&P500	k markets (Daily 0.3	Weekly 1.6	Monthly 4	Year 23
Main indices S&P500 Dow Jones Nikkei	level 2,794 25,937 23,952	Daily 0.3 0.5 1.0	Weekly 1.6 2.2 0.4	Monthly 4 5 6	Year 23 30 22
Stoc Main indices SAP500 Dow Jones Nilded FTSE 100 EuroStoxx 50	level 2,794 25,937 23,952 7,756 3,622	Daily 0.3 0.5 1.0 -0.2 0.3	Weekly 1.6 2.2 0.4 0.3	Monthly 4 5 6 4 2	Year 23 30 22 8 9
Stor Main indices S&P500 Dow Jones Nildes FTSE 100 EuroStoxx 50 IBEX DAX	level 2.794 25.937 23.952 7.756 3.622 10.520 13,246	Daily 0.3 0.5 1.0 0.2 0.3 0.5 0.3	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0	Monthly 4 5 6 4 2 4 1	Year 23 30 22 8 9 11
Main indices SAP500 Dow Jones Nikesi FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	level 2.794 25.937 23.952 7.756 3.622 10.520 13.246 5.514 23.495	Daily 0.3 0.5 1.0 -0.2 0.3 0.5 0.3 0.1 -0.2	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1	Monthly 4 5 6 4 2 4 1 3 6	Year 23 30 22 8 9 11 14 13 20
Stor Main Indices S&P500 Dow Jones Nakes FTSE 100 EuroStox 50 IBEX DAX CAC MIB ASE Afters MISCI Latam *	level 2.794 25.937 23.952 7.756 3.622 10.520 13.246 5.514 23.495 853 88,348	Daily 0.3 0.5 1.0 0.2 0.3 0.5 0.3 0.1 -0.2 0.6 0.4	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0	Monthly 4 5 6 4 2 4 1	Year 23 30 22 8 9 11 14
Stock	level 2.794 25,937 23,952 7.756 3.622 10,520 13,246 5.514 23,495 853	Daily 0.3 0.5 1.0 0.2 0.3 0.5 0.3 0.1 -0.2 0.6	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4	Monthly 4 5 6 4 2 4 1 3 6 11	Year 23 30 22 8 9 11 14 13 20 30
Solvininindees Solvinininindees Solvininininininininininininininininininin	k markets 6 level 2.794 25.937 23.952 7.756 3.622 10.520 13.246 5.514 23.495 853 88.348 80.100 49.535 5,627	Daily 0.3 0.5 1.0 -0.2 0.3 0.5 0.3 0.1 -0.2 0.6 0.4 0.4 0.3 -0.4	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4 0.0 1.6 -0.3 0.6	Montily 4 5 6 4 2 4 1 3 6 11 8 10 3 5	Year 23 30 22 8 9 11 14 13 20 30 21 30 6
Solvinistes SAPPO0 Down Johns Test 100 EuroStone EFES 100 EuroStone 50 BBCX DAX CAR ANA CAR ASE Afters MixCl Latam * Bloverage Bergle Monitor Mix Europe * MixCl Mix Europe * MixCl Mix Europe * MixCl Mix Europe * MixCl Mix Europe *	level 2.794 25,937 23,952 27,756 3.622 10,520 13,246 5.514 23,495 883 48 80,100 49,535 5,627 2,591 2,258	Daily 0.3 0.5 1.0 0.2 0.3 0.1 0.2 0.6 0.4 0.4 0.3 0.1 1.9 0.2 0.2 0.3 0.1 0.2 0.6 0.4 0.4 0.3 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.3 0.4 0.4 0.4 0.3 0.4 0.4 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5	Monthly 4 5 6 4 2 4 1 3 6 11 8 10 3 5 7	Year 23 30 22 8 9 11 14 13 20 30 21 30 6 11 30
Solve State	level 2.794 25,937 23,952 7.756 3.622 10,520 13,246 5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959	Daity 0.3 0.5 1.0 0.3 0.5 1.0 0.3 0.5 0.3 0.5 0.3 0.1 0.2 0.6 0.4 0.4 1.9 0.2 2.0 0.0 0.1	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5	Monthly 4 5 6 4 2 4 1 1 3 6 111 8 100 3 5 7 5 5 6 6	Year 23 30 22 8 9 11 14 13 20 30 21 30 6 11 30 0 50 38
Solvinistes SAPPO0 Down Johns Test 100 EuroStone EFES 100 EuroStone 50 BBCX DAX CAR ANA CAR ASE Afters MixCl Latam * Bloverage Bergle Monitor Mix Europe * MixCl Mix Europe * MixCl Mix Europe * MixCl Mix Europe * MixCl Mix Europe *	level 2.794 25,937 23,952 7.756 3.622 10,520 13,246 5.514 23,495 883,48 80,100 49,535 5,627 2.591 2.414,418	Daily 0.3 0.5 1.0 0.2 0.3 0.5 0.3 0.1 0.2 0.6 0.4 0.4 0.3 0.4 1.9 0.2 2.0	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5	Monthly 4 5 6 4 2 4 1 3 6 11 8 10 3 5 7 5 5	Year 23 30 22 8 9 11 14 13 20 30 6 11 30 6
Malar insteau SAPPO0 Down Jones FFISE 100 EuroStoux 50 BIBX DAX CAC AIMS Althous BIONES BOOK BOOK BOOK BOOK BOOK BOOK BOOK BOOK	level 2.794 25.937 23.952 7.756 3.622 10.520 13.246 5.514 23.495 85.3 88.348 80.100 49.535 5.627 2.591 2.258 114.418 959 3.437 6.430 level 148.7	Daily 0.3 0.5 1.0 0.2 0.3 0.5 0.3 0.1 0.2 0.6 0.4 0.4 0.3 0.4 0.9 0.2 2.0 0.6 0.4 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4 0.0 1.6 -0.3 0.6 -0.3 0.5 1.5 -0.5 0.7 0.7 0.7 Weekly 3.2	Monthly 4 5 6 4 2 4 1 3 6 11 8 10 3 5 7 5 6 5 5 Monthly 4	Year 23 30 22 8 9 11 14 13 20 30 6 11 30 0 50 50 9 22 21 30 22 21 30 22 30 22 30 22 40 40 40 40 40 40 40 40 40 40 40 40 40
Mala indices SAP500 Dow Jones Valentia Committee Committ	level 2.794 25.937 23.952 7.756 3.622 10.520 13.246 5.514 23.495 853 88.348 80.100 49.535 5.627 2.591 2.258 114.418 959 3.437 6.430 level 148.7 112.3 77.8	Daily 0.3 0.5 1.0 0.3 0.5 1.0 0.3 0.5 1.0 0.3 0.1 0.2 0.6 0.4 0.4 0.3 0.4 1.9 0.2 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 -0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 0.0 0.7 Weekly	Monthly 4 5 6 4 2 4 1 3 6 11 8 10 3 5 7 5 6 5 Monthly	Year 23 30 22 8 9 11 14 13 20 30 21 30 6 11 30 0 50 38 9 22 Year
Minimises SAP500	level 2.794 25,937 23,952 7.756 3.622 7.756 3.622 5.514 23.495 853 88.348 80,100 49,535 5.627 2.591 2.258 114.418 959 3.437 6.430 level 148.7 112.3	Daily 0.3 0.5 0.4 0.4 0.4 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 1.0 0.2 2.1 1.4 0.3 0.6 0.5 0.0 0.7 0.7 Weekly 3.2 3.8 3.8 3.0	Monthly 4 5 6 4 2 4 1 3 6 11 8 10 3 5 7 5 6 5 5 Monthly 4 6	Year 23 30 22 8 9 111 14 13 20 21 30 21 30 6 11 30 0 50 38 9 22 Year 24
Malar insteem SAPPO0 Down Jones FISE 100 EuroStoux 50 BIBX DAX CAC ANA MAG Latam * Boverage Bizer B	level 2.794 7 23,952 7,756 3.622 10,520 13,246 5.514 5.853 88,348 80,100 49,535 5,627 2.258 114,418 959 3,437 6,430 level 148,7 712,3 77,8 314,54,9 260,2	Doily 0.3 0.5 1.0 0.2 0.5 0.3 0.5 0.4 0.4 0.4 1.9 0.2 2.0 0.6 0.0 0.3 0.5 0.3 0.7 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 -1.0 0.2 2.1 1.4 0.3 0.6 2.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.8 3.2 3.0 3.2 3.8 3.0	Morathy 4 5 6 4 4 2 4 1 3 3 6 6 11 1 8 10 3 3 5 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Year 23 30 22 8 9 9 111 144 13 20 30 6 6 11 30 0 0 50 50 8 9 9 22 Year 24 29 7 37 26 7
Mala insteau SAPPO0 Down Jones FISS 100 EuroStoux 50 BIBX DAX CAC AMIE Althous BIBON MSCI Latam * Blovenga (Borel) Mostol Mice (Rose) Bornes B	level 2.794 2.794 2.794 2.937 23.952 7.756 3.622 10.520 13.246 5.514 23.495 88.348 80.100 49.535 5.627 2.591 2.258 114.418 93.437 6.430 16vel 148.7 112.3 77.8 31.4 54.9 260.2 117.1	Doily 0.3 0.5 1.0 0.2 0.5 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.7 0.2 0.6 0.4 0.4 0.4 0.3 0.9 0.9 0.2 0.0 0.1 0.8 0.9 0.2 0.0 0.1 0.8 0.9 0.9 0.1 0.8 0.9 0.9 0.1 0.1 0.8 0.9 0.9 0.1 0.1 0.8 0.9 0.9 0.1 0.1 0.8 0.9 0.9 0.1 0.1 0.8 0.9 0.9 0.1 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Weekly 1.6 2.2 2.4 0.3 0.0 0.9 -1.0 0.9 -1.0 0.6 2.5 1.5 -0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.3 0.6 0.2 0.2 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Monthly 4 5 6 4 4 1 3 3 6 11 1 8 5 5 5 5 5 5 5 Monthly 4 6 6 4 8 3 3 1 1 6 7 7	Year 23 30 22 8 9 11 14 13 20 21 30 6 6 11 30 0 50 8 9 9 22 2 Year 24 29 7 37 26 7 11 7
Mala insteau SAPPO0 Down Jones FIRST 100 EuroStoux 50 BIBX DAX CAC MIB BIBX DAX CAC MIB BIBSX DAX DAX DAX DAX DAX DAX DAX DAX DAX DA	level 2.794 25,937 23,952 27,756 3.622 10,520 13,246 5,514 23,495 88,348 80,100 49,535 5,627 2,591 2,258 114,418 93,437 6,430 level 148,7 77,8 314 549,2 117,1 67,0 15,3 15,2	Daily 0.3 0.5 1.0 0.5 1.0 0.2 0.3 0.5 1.0 0.2 0.6 0.4 0.4 0.3 0.5 0.6 0.4 1.9 0.2 0.0 0.8 0.9 0.9 0.1 0.2 0.0 0.8 0.9 0.9 0.7 0.3 0.7 0.3 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Weekly 1.6 2.2 0.4 0.3 0.9 0.9 1.0 0.0 2.1 1.4 0.0 0.6 2.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Monthly 4 4 5 6 4 2 4 1 1 3 6 6 1 1 1 1 8 8 1 5 5 5 5 5 5 5 5 5 5 5 5 5	Year 23 30 22 28 9 9 11 14 13 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20
Inhimination SAPSO	level 2.794 25,937 23,952 7,756 3,052 7,756 3,062 7,756 3,627 23,952 7,756 853 88,348 80,100 49,535 5,627 2,258 114,418 959 3,437 6,430 level 148,7 11,78 31,4 54,9 260,2 117,1 67,0 15,3 15,2 16,5 3,0	Daily 0.3 0.5 1.0 0.2 0.3 0.5 1.0 0.2 0.3 0.5 0.0 0.3 0.5 0.0 0.4 0.4 0.4 0.4 0.4 0.9 0.7 0.8 0.9 0.9 0.7 0.8 0.9 0.9 0.7 0.9 0.8 0.9 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Weekly 1.6 2.2 0.4 0.3 0.3 0.9 0.9 1.0 0.2 2.1 1.4 0.3 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	Morathy 4 4 5 6 4 4 2 4 1 1 3 6 6 1 1 1 1 8 8 1 1 0 3 5 7 7 5 5 5 5 5 5 5 5 5 5 6 6 7 8 8 8 7 9 9	Year 23 30 222 8 9 9 11 14 13 20 30 6 11 30 0 0 50 38 9 9 22 Year 24 9 27 7 26 7 11 7 7 24 7 7 19 20
Minimissions SAPPOO SAP	k markets of level 2,794 (2,79	0.1 iiy 0.3 0.5 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 1.0 0.0 0.2 2.1 1.4 0.0 0.6 0.5 1.5 0.5 0.7 0.7 0.7 Weekly 3.2 3.0 3.2 3.8 3.4 2.5 3.8 3.4 2.5 0.8 3.4 2.5 0.8	Morthly 4 5 6 4 2 4 1 1 3 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 23 30 22 8 9 111 14 13 20 30 6 11 1 30 0 50 38 8 9 22 2
Main indices SAPPO0 Down Jones SAPPO0 Down Jones SAPPO0 Down Jones SAPPO0 Down Jones SAPPO0 EuroStoux 50 BIBX DAX ACA CAC ACA ACA ACA ACA ACA ACA ACA A	k mikes c level 2,794 25,937 3,052 10,520 10,520 40,531 40	0.1 iiy 0.3 iiy 0.3 iiy 0.3 iiy 0.5 ii0 0.5 ii0 0.2 ii0 0.5 ii	Westly 1.6 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	Morality 4 5 6 4 2 4 1 1 3 6 11 11 3 5 7 7 5 5 5 Morality 4 6 4 8 3 1 1 6 7 8 8 7 9 7 6 6 5 6 6 6	Year 23 30 22 8 9 9 111 14 13 20 30 6 111 30 0 6 6 111 7 24 29 27 27 26 7 7 11 7 24 29 27 24 28 8 18
Main inside as SAPPOO Down Jones SAPPOO Down Jones SAPPOO Down Jones SAPPOO Down Jones SAPPOO BOWN JON	k mikets & mikets & level leve	Doily 0.2 2.0 1.2 2.0 1.2 2.0 2.0 3.1 2.2 2.0 2.0 3.1 2.2 2.0 2.0 3.1 2.2 2.0 2.0 3.1 2.2 2.0 2.0 3.1 2.2 2.0 2.0 3.1 2.2 2.0 2.0 3.0 3.1 2.2 2.0 2.0 2.0 3.0 3.1 2.2 2.0 2.0 2.0 3.0 3.1 2.2 2.0 2.0 3.0 3.1 2.2 2.0 2.0 3.0 3.0 2.0 2.0 3.0 3.0 2.0 2.0 3.0 3.0 2.0 2.0 3.0 3.0 2.0 2.0 3.0 3.0 3.0 2.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	Westly 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	Monthly 4 4 5 6 4 2 4 1 3 6 111 8 100 3 5 7 7 5 5 5 Monthly 4 6 4 8 3 1 1 6 7 8 8 7 9 7 6 6 5 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 23 30 22 8 9 9 11 14 13 20 21 30 0 6 11 30 0 0 50 38 9 22 Year 24 29 7 7 11 7 7 26 7 7 19 9 20 44 27 28 8 18 27 15
Minimissions SAPPOO SAP	k mikets © level 25937 2.794 25937 2.795 2.3952 7.756 3.622 10.520 883 88.348 80.100 88.348 80.100 88.348 80.100 11.4418 959 148.77 148.77 148.77 148.77 148.77 159.50 159.50 169	Daily 0.3 0.5 1.0 0.5 1.0 0.5 1.0 0.5 1.0 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Westly 1.6 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	Morality 4 5 6 4 2 4 1 1 3 6 111 8 10 3 5 5 6 6 4 4 8 3 1 1 6 7 9 7 6 5 6 8	Year 23 30 30 22 8 9 9 11 14 13 30 6 11 13 30 6 6 11 30 6 6 11 17 7 24 22 8 8 18 27
Main indices SAPPO0 Date of the control of the cont	k markets of here is a second of the control of the	Doily 10.00	Weskiy, 1.6 2.2 0.4 0.3 0.0 0.9 0.9 0.2 2.1 1.0 0.0 0.6 0.2 2.5 1.5 0.5 0.0 0.7 7.3 3.2 3.0 3.2 2.4 2.2 0.0 0.0 0.3 3.2 2.4 7.2 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Morehly 4 4 4 4 4 4 4 4 4 1 1 1 3 3 6 6 1 1 1 1 8 8 1 1 1 0 1 3 5 5 5 6 5 5 5 6 5 5 6 6 6 5 6 6 8 8 1 1 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Year 23 30 22 8 9 9 11 14 13 20 21 13 30 6 6 11 30 0 5 5 9 9 22 24 24 27 27 27 27 27 27 27 27 27 27 27 27 27
Main indices SAPPO0 Down Jones SAPPO0 Down Jones SAPPO0 Down Jones SAPPO0 Down Jones SAPPO0 EwroStoux 50 BIBX DAX CAR BIBX DAX CAR ASE Altims MXG Latam* Bibovespa Binarib Bibovespa Bibovespa Binarib Bibovespa Binarib Bibovespa Binarib Bibovespa Binarib Bibovespa Binarib Bibovespa Biboves	k mikes & mike	Doily 0.3 0.5 0.2 0.0 0.9 0.1 0.0 0.0 0.2 0.3 0.5 0.2 0.6 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.2 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Weekly 1.6 2.2 0.4 0.3 0.0 0.9 0.9 1.0 0.0 0.9 1.0 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Morathy 4 4 4 4 4 4 4 4 4 4 4 4 4 4 1 1 3 6 1 1 1 8 10 3 5 5 6 5 6 6 7 7 9 7 6 6 7 8 8 -1 6 6 5 6 6 5 1 1 6 6 5 1 1 1 6 6 5 1 1 6 6 5 1 1 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 6 6	Year 23 30 22 8 9 9 11 14 13 20 21 13 30 6 11 30 0 50 9 9 22 24 29 27 7 7 11 7 7 26 7 7 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7
Main instees SAPPOO Down Jones FISS 100 EaroStoux 50 BIBX DAX CAC CAC CAC ASS ABONS MSCI Latam* Ibovespa Ginzil Morbol Marope* Policy Ginzil Bort	k markes of level le	Doily 20 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	Weekly 1.6 22 0.4 0.3 0.0 0.9 0.9 1.10 0.0 0.9 1.10 0.0 0.0 1.6 0.2 1.1 1.4 0.0 0.5 0.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Monthly 4 4 5 6 4 4 2 2 4 1 1 3 6 6 1 1 1 8 8 10 0 3 3 5 7 7 5 5 5 5 5 5 5 5 5 5 5 5 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 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 7 10 0 9 9 13	Year 23 33 30 22 2 8 9 111 14 13 20 30 6 6 1 13 13 30 15 15 18 15 13 13 30 35 15 15 15 15 15 15 15 15 15 15 15 15 15
Main insteem SurPool Down Jones FISE 100 EuroStoux 50 BIBX DAX CAC AIR BIBX DAX CAC AIR BIBX BIBX DAX CAC AIR BIBX BIBX	k market c kmrket c k	Doshy	Weekly 1.6 22 0.4 0.3 1.6 0.0 0.9 0.9 1.1 0.0 1.6 0.2 1.1 1.4 0.0 1.6 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	Moretity 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Year 23 30 22 28 8 9 11 14 13 20 21 20 20 21 20 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20
Main indices SuPPO0 Down Jones FISE 100 EuroStoux 50 BIBX DAX CAN MAC MARC MAC MARC MAC	k markete of	Daily (1) Daily (2) Daily (3) Daily (4) Daily	Weekly 1.6 2.2 2.0 4.0 0.3 1.6 0.5 0.5 0.5 0.5 0.5 0.7 7.0 7.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Morsthy 4 4 5 6 6 4 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 23 30 22 8 9 9 111 4 13 20 30 114 30 6 6 11 30 30 9 22 2 7 7 26 6 11 7 7 2 4 2 2 8 18 18 12 7 -15 9 16 18 15 13 30 30 5 16 18 15 13 30 5 13 6 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 6 7 8 7 8
Inhimination SAPSO		Do By	Weekly 1.6 2.2 2.0 4.0 3.3 1.1 1.6 0.3 1.6 0.5 0.5 0.5 0.7 7.0 7.7 7.0 7.7 1.2 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.5 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Morathy 4 4 5 6 4 4 4 1 1 3 6 1 1 8 10 3 5 7 7 5 6 6 5 5 5 6 7 8 8 8 8 1 6 6 7 9 7 7 6 6 8 8 1 1 6 7 9 1 1 8 1 8 8 8 9 1 1 6 8 8 9 1 1 6 8 8 8 1 1 6 8 8 8 8 8 8 8 8 8 8 8	Year 23 33 30 22 8 9 9 111 44 13 20 30 114 30 50 114 30
Solve State	k markes of lord and a second a second and a second a second and a sec	Daily 0.3 0.5 0.3 0.5 0.2 0.3 0.5 0.2 0.3 0.5 0.2 0.3 0.5 0.3 0.5 0.5 0.2 0.3 0.3 0.5 0.3 0.5 0.5 0.6 0.4 0.4 0.3 0.9 0.1 0.2 0.4 0.4 0.3 0.9 0.1 0.2 0.6 0.4 0.4 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Weekly 1.6 2.2 0.4 0.3 0.9 0.9 0.9 0.1 1.4 0.0 0.5 0.5 1.5 1.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Morethy 4 4 5 6 6 4 2 2 4 1 11 8 10 3 3 5 7 7 5 5 6 6 5 5 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 6 5 5 6 6 6 5 5 6 6 6 5 5 6 6 6 5 5 6 6 6 5 5 6 6 6 5 5 6 6 6 5 5 6 6 6 6 6 5 5 6 6 6 6 6 5 6	Year 23 30 22 8 9 11 14 13 30 16 16 17 30 17 17 12 20 18 18 18 18 18 18 18 18 18 18 18 18 18
Minimissions SAPF90 SAP	k markete of level l	Do By	Weekly 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.2 1.4 1.6 2.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	Morsthy 4 4 5 6 4 4 4 4 1 3 3 6 6 1 1 1 8 8 1 8 7 7 7 5 5 6 6 6 8 8 8 8 7 7 6 6 6 8 1 1 6 6 5 5 5 6 6 6 8 1 1 6 6 5 5 6 6 5 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 6 6 5 5 6 6 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 23 330 22 28 9 9 111 11 13 30 6 11 1 30 0 50 8 9 9 22 2
Solvitarionisces Carrencias (s. c. Carrencias (k markete of here! Nevel 10,520 12,7947 25,937 25,	Do By	Weekly 1.6 2.2 1.6 0.4 0.0 1.6 0.0 1.6 0.0 1.0	Morathly 4 4 5 6 6 6 6 7 7 8 8 8 7 7 7 7 7 6 6 8 1 1 6 6 5 5 6 6 5 5 6 6 8 1 1 6 6 7 7 8 8 8 8 7 7 7 7 7 7 7 7 7 7 7 7	Year 23 330 22 28 9 9 111 113 20 6 111 30 0 50 8 9 9 22 2
Solution of the second of the		Doshy Do	Weekly 1.6 2.2 2.2 2.2 2.2 2.1 2.5 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	Monthly 4 5 6 4 1 3 6 1 1 3 6 1 1 3 5 7 7 5 5 5 Monthly 4 6 4 6 4 8 8 3 1 1 6 7 8 8 7 7 9 7 7 1 8 8 8 7 1 8 8 7 8 8 7 8 8 7 8 9 7 7 9 1 8 8 8 1 1 6 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 8 7 8 8 8 8 8 7 8 8 8 8 8 8 7 8 8 8 8 8 8 7 8	Year 23 30 22 28 8 9 11 14 13 20 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 21 30 30 38 8 9 9 22 27 27 27 27 27 27 27 27 27 27 27 27
Main indices SAPPOO Daniel Johns SAPPOO Daniel Johns SAPPOO Daniel Johns SAPPOO Daniel Johns SAPPOO BERCON SAPPOO EuroStoux 50 BIBCX DAX CAR DAX DAX CAR DAX DAX DAX DAX DAX DAX DAX D	k market of local control of local contr	S) Doshy Doshy O Doshy Doshy O Doshy	Weekly 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.2 1.6 2.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	Monthly 4 4 5 6 4 4 1 3 6 11 3 6 11 13 8 7 5 5 5 6 6 6 6 6 7 7 7 7 9 9 9 Monthly 4 4 4 6 6 6 6 6 7 9 9 9 9 Monthly 4 4 4 4 8 8 3 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Year 23 30 20 28 89 91 11 13 20 21 30 61 13 30 61 13 30 61 13 30 21 24 27 27 27 27 27 27 27 28 81 88 88 188 72 29 27 71 11 11 12 20 4 4 7 7 11 12 20 4 7 11 13 13 13 13 13 13 13 13 13 14 15 15 13 13 15 15 13 16 17 17 17 17 17 17 17 10 10
Main instores SAPPOO Down Jones SAPPOO Down Jones FISS 100 EaroStoux 50 BIBX DAX CAC CAC ASS Attons MSCI Latam* Iboverage Ginzill Morbol MC Latenpe* Portor Ginzill Borres SAPPOO MSCI Latam* Iboverage Ginzill Morbol MSCI Latam* Iboverage Ginzill Morbol MSCI Latam* Iboverage Ginzill Morbol MSCI Latenpe* Portor Ginzill January Ginzill	k markes of level le	Doshy Do	Weekly 1.6 2.2 2.2 2.1 2.1 2.2 2.2 2.2 2.2 2.2 2.2	Morethy 4 4 4 5 6 6 6 5 5 5 Morethy 4 6 6 8 8 3 1 1 6 6 7 7 6 6 6 6 6 5 5 5 5 Morethy 4 4 4 9 1 3 1 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Year 23 30 22 28 8 8 11 14 13 20 0 0 0 0 50 38 89 22 27 37 27 27 27 27 27 27 27 27 27 27 27 27 27
Solve State Solve		S) Daily (S) Daily (Westly 1.6 1.6 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Monthly 5 6 4 2 4 1 1 3 3 6 6 1 1 1 8 8 9 7 7 5 5 6 5 5 6 5 5 6 5 6 5 6 6 6 6 6 6	Year 23 30 30 22 22 28 9 11 14 30 20 30 20 20 30 6 11 30 6 11 30 6 11 7 7 7 7 11 7 7 7 11 7 12 6 6 18 18 18 19 17 7 7 11 10 10 10 10 10 10 10 10 10 10 10 10
Solve Start Solve	k united :	S) Daily (1) Daily (2) Daily (3) Daily (3) Daily (4) Daily (Weskly 1.6 1.6 2.1 1.6 2.2 2.4 1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	Monthly 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Year 22 2 3 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Sorbible SaP500 SaP5		S) Doshly (1) Doshly (2) Doshly (3) Doshly (4) Do	Weekly 1.6 2 2 2 4 1 6 2 2 2 2 4 1 1 6 2 2 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Monthly 5 6 6 6 1 1 1 1 8 8 3 1 1 6 6 6 5 6 6 5 5 1 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	203 30 30 30 30 30 30 30 30 30 30 30 30 3
Solvinimiscone Solvin	2.094 (1975) (19	SO Doshy Society Control of the Cont	Weekly 1.6 2 2.2 2 1.6 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2	Morethy 4 4 5 6 6 6 5 5 5 Morethy 4 6 6 8 8 1 1 6 6 7 9 9 7 7 6 6 8 8 1 1 6 6 7 9 9 7 7 6 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 330 322 22 23 39 9 11 144 133 20 20 30 6 6 130 0 50 0 50 0 22 22 24 22 27 26 7 7 17 19 20 4 4 24 22 28 28 27 11 11 11 13 30 30 13 36 6 6 7 17 12 6 6 7 17 12 6 6 7 7 7 6 6 6 6 6 7 7 7 7 6 6 6 6 7
Sorbible SaP500 SaP5	** united 2	S) Doshly (1) Doshly (2) Doshly (3) Doshly (4) Do	Weekly 1.6 2 2 2 4 1 6 2 2 2 2 4 1 1 6 2 2 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Monthly 5 6 6 6 1 1 1 1 8 8 3 1 1 6 6 6 5 6 6 5 5 1 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	203 30 30 30 30 30 30 30 30 30 30 30 30 3
Septiment of the septim	2.094 (1975) (19	S) Daily (3) Daily (4)	Weskly 1.6 2.2 2.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	Monthly 5 6 4 2 4 1 1 3 6 6 1 1 8 8 6 7 8 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7	223 30 30 30 30 30 30 30 30 30 30 30 30 30





Developed Markets US (2-yr) US GER (2-yr)		anges in t	(p)		
US GER (2-vr)	level 2.02	Daily 2.5	Week 5.4	Month 19	Year 81
	2.56 -0.57	1.1 0.2	0.4 4.2	20 14	12 20
Germany France	0.56 0.84	-2.5 -2.4	2.6 1.9	19 21	22 3
Spain Italy	1.50 1.97	-2.9 -3.1	-1.3 -6.4	4 16	3 7 10
Portugal Greece	1.79 3.78	-1.0 -11.2	-7.3 9.7	-5 -19	-211 -310
Japan (2-yr) Japan	-0.13 0.08	0.2 1.2	0.4 3.7	2 2	6
Emerging Markets	9.91	Daily 0.6	Weekly	Monthly -48	Year
Brazil Chile	4.57	0.0	3.4	-12	25
Colombia Mexico	6.44 7.56	2.6 4.1	10.7 8.5	-5 8	-65 -8
Peru Poland	4.40 3.28	-4.8 -2.0	-29.0 -3.5	-78 5	-207 -44
Russia Turkey	7.51 11.64	2.5 6.0	-4.2 29.0	-12 -45	-93 64
India Indonesia	7.38 6.16	11.4 -4.0	1.6	25 -33	100 -168
Country r	isk (bp, chanc	es in bp)			-100
Developed Markets 10-yr so vereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France	28	0.1 -0.6	-0.7 -9.0	1	-19 -11
Italy Portugal	141 123	1.5	-9.9	-3 -24	-232
Spain 2-yr sovereign spread vs Germany	94	-0.4	-3.9	-15	-15
France Italy	15 26	-0.6 -1.6	0.3 -3.8	-1 -15	-4 -35
Portugal	31	-0.4	-3.7	-12	-50
Spain Emerging Markets	19 level	-1.0 Daily	-3.2 Weekly	-18 Monthly	-29 Year
5-yr sovereign CDS *				27	424
Brazil Chile	141 44	-3.3 0.3	-3 -2	-27 -11	-131 -38
Colombia Mexico	92 98	0.2	-3 2	-19 -7	-71 -58
Peru	66	0.2	-1	-6	-42
Poland Russia	49 111	0.1 1.3	-6	-1 -16	-27 -66
Turkey China	161 48	3.8 0.7	0	-18 -6	-111 -69
India	67	0.1	-4	-4	-60
Indonesia R	80 isk indicators	0.7	1	-12	-76
Volatilty indicators (%)	level 11		Weekly	Monthly	Year
VSTOXX	11	10.6 2.5	12	19 -4	-1 -5
EM EFT volatility Index Dollar/euro volatility	16 7	5.4 -10.5	-3 19	13 32	-21 -34
EM FX volatility index	8	3.1	3	2	-30
Credit spread (BAA) (bps) US bonds volatility index	167 48	-1.1 0.0	-6 1	-11 3	-60 -38
Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2,34	Daily 5.1	Weekly	Monthly 6	Year -20
EZ Inflation expectations (5Y5Y)	1.76	0.7	3	5	-4
Banking 5 y CDS (bps) * US	level 42	Daily -0.1	Weekly 1	Monthly -2	Year -30
EZ UK	36 41	0.7	-2 1	-5 -1	-72 -49
Large Spanish	34	8.0	0	-5	-83
Medium Spanish Corporate 5y CDS (bps) *	68 level	-0.8 Daily	-3 Weekly	-10 Monthly	-84 Year
US Non-financial	142	-0.1	- 1	-2	-30
EZ Non-financial UK Non-financial	61 96	0.7	-2 5	-5 2	-72 -29
Interbank m	arkets (%, ch	inges in b)	Monthly	Year
EONIA Index	-0.37	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.19	0.00	0.0	0.0	0.0 -0.1
Libor 3m Libor 12m	1.73 2.19	0.01	0.0	0.1	0.7
	ck markets (0.0	0.1	0.5
Main indices	level	Daily	Weekly	Monthly	Year
S&P500 Dow Jones	2.794 25,937	0.3	1.6	4 5	23 30
Nikkei	23,952	1.0	0.4	6	22
FTSE 100 EuroStoxx 50	7,756 3,622	-0.2 0.3	0.3	4 2	9
IBEX DAX	10,520 13,246	0.5	0.9 -1.0	4	11 14
	13,240	0.1	-0.2	3	42
CAC	5,514		-0.2		13
CAC MIB ASE Athens	5,514 23,495 853	-0.2	2.1	6 11	20
CAC MIB ASE Athens MSCI Latam *	23,495 853 88,348	-0.2 0.6 0.4	2.1 1.4 0.0	11 8	20 30 21
CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Mexbol	23,495 853 88,348 80,100 49,535	-0.2 0.6 0.4 0.4 0.3	2.1 1.4 0.0 1.6 -0.3	11 8 10 3	20 30 21 30 6
CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Methol MSCI EM Europe *	23,495 853 88,348 80,100 49,535 5,627	-0.2 0.6 0.4 0.4 0.3 -0.4	2.1 1.4 0.0 1.6 -0.3 0.6	11 8 10 3 5	20 30 21 30 6 11
CAC MIB ASE Athens MSCI Latam * Ilbovespa Grazili Mecbol MSCI EM Europe * Poland Miscre (Russin)	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258	0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5	11 8 10 3 5 7	20 30 21 30 6 11 30 0
CAC MIB ASE Athens MSCI Latam * Ilbovespa Grazili Mecbol MSCI EM Europe * Poland Miscre (Russin)	23,495 853 88,348 80,100 49,535 5,627 2,591	-0.2 0.6 0.4 0.4 0.3 -0.4 1.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5	11 8 10 3 5 7	20 30 21 30 6 11 30
CAC MB MB ASE Athens MSCI Latam * Ibovepas (Brazil) Mbcot Latam * Ibovepas (Brazil) MSCI EM Europe * Poland Micox (Russia) Msc EM Asia * Shanghal Com (China)	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437	-0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0	11 8 10 3 5 7 5	20 30 21 30 6 11 30 0 50 38 9
CAC MSG Latam * MSG Latam * MSG Latam * Msc Ravope * Poland Micro (Ravia) Msc Latam * Msc	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level	0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 0.7	11 8 10 3 5 7 5 5 6 5 5 Monthly	20 30 21 30 6 11 30 0 50 38 9 22
CAC MSC latens MSC Latens MSC Latens Blooverage George Mschool MSC Latens MSC	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437	-0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0	11 8 10 3 5 7 5 5 6 5	20 30 21 30 6 11 30 0 50 38 9
CAC MSC Jabens MSC Jabens MSC Jatam * Iboveps Glacib Metod Gurope * Obord Groupe * Obord Groupe * Obord Groupe * Obord Groupe * Sharp Glacib Best Off Cruthey * Shar	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8	0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.1 0.8 0.9 Daily 0.7 -0.3 1.2	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 Weekly 3.2 3.0 3.2	11 8 10 3 5 7 5 5 6 5 5 5 Monthly 4 6 4	20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29
CAC MSC Jabens MSC Latam MSC Latam Horoversi Bidarib Medoti Misc Bidarib Misc Misc Misc Misc Misc Misc Misc Misc	23,495 853 88,348 80,100 49,535 56,627 2,591 2,258 114,418 959 3,437 6,430 level 148,77 112,3 77,8 31,4 54,9	0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daily 0.7 -0.3 1.2 0.7	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.7 0.7 Weekly 3.2 3.0 3.2 3.8 3.0	111 8 10 3 5 7 5 5 6 5 5 Monthly 4 6 4 8 3	20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27 37 26
CAC MS ASS Albens ASS Albens ASS Albens Biborapa Glaze Biborapa	23,495 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148,7 112,3 77,8 31,4 54,9 260,2 117,1	-0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daily 0.7 -0.3 1.2 0.7 -0.4	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.7 0.7 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 2.5 3.2	111 8 10 3 5 7 5 5 6 5 5 5 Monthly 4 6 4 8 3 1 1 6	20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27 37 26 7
CAC MSC Alberts MSC Latam* Bhorvesia (Bazzilla Bhorvesia (Bazzilla Bhorvesia (Bazzilla Bhorvesia (Bazzilla Bhorvesia (Bazzilla Bhorvesia) Bea (Da (Turkey) MSC LEM Asia Sharejnat (Com (China) Blanking sector US banks Brakking sector US banks Brakkin	23,495 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 77.8 31.4 54.9 260.2 117.1	0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.1 0.8 0.9 Daily 0.7 0.3 1.2 0.7 0.4 1.9 0.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.7 0.7 0.7 Weekly 3.2 3.0 3.2 3.0 2.5 3.2 3.2 3.0 2.4	111 8 100 3 5 7 5 5 6 6 5 5 5 5 Monthly 4 6 4 8 3 1 1 6 7	20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27 37 26 7
CAC MSC Alberts MSC Latan MSC Latan Bloovesia Glazzia Bloovesia Glazzia Bloovesia Glazzia Bloovesia Glazzia Portune Portune Misco Clarista Bloovesia Blov	23,495 853 88,348 80,100 49,535 5,627 2,591 12,258 114,418 959 3,437 6,430 level 148,7 112,3 77,8 31,4 54,9 260,2 117,1 67,0 15,3 15,3 15,3	-0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daity 0.7 -0.3 1.2 0.7 -0.4 1.2 -0.5 -0.8 -0.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.7 0.7 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 2.5 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	111 8 10 3 5 7 5 5 6 5 5 5 Monthly 4 6 4 8 3 1 6 7 8 8 -8	20 30 21 30 6 11 30 0 50 50 38 9 22 Year 24 29 27 37 26 7
CAC MSS Albins MSS Albins MSS Edition MSG EM Excepe* Poand Metod Metod Metod MsG EM Excepe* Poand MsG EM Asia* Stengial Con (Chia) Joint Modoreski Banking sector US banks DBM MS GE BANKS GE CAC GE GA GE GA MS GE GE GE GA MS GE GE GA MS GE GE GE GA MS GE GE GE GA MS GE GE GE GE GA MS GE GE GE GE MS GE GE GE GE MS GE GE GE GE MS GE MS GE GE MS GE	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8 31.4 54.9 260.2 117.1 67.0 15.3 15.2 16.5 3.0	0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.1 0.8 0.9 Daily 0.7 0.3 1.2 0.7 0.4 1.2 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 0.0 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 2.5 3.2 2.5 3.2 4.2 5.3 6.6 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	111 8 10 3 5 7 5 5 6 5 5 5 5 Monthly 4 6 6 4 8 3 1 1 6 7 8 8 8 7 9	20 30 6 11 30 6 50 38 9 22 Year 24 29 27 37 26 7 11 17 24 -7 29 20
CAC MSC Alberts ASE Alberts MSC Latin ** Bloor easy of Gloscile Book easy of Gloscile Call Book easy of Gloscil	23,495 853 88,348 80,100 49,535 5,627 2,591 14,418 959 3,437 10,430 level 148,77 112,3 77,8 31,4 54,9 260,2 117,1 67,0	0.2 0.6 0.4 0.4 0.3 1.9 0.2 2.0 0.1 0.8 0.9 Daily 0.7 0.3 1.2 0.7 0.4 1.9 0.2 0.0 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 2.5 3.2 2.4 2.5 0.8 3.4 7.2 2.0	111 8 10 3 5 7 7 5 5 6 5 5 5 Monthly 4 6 4 8 3 1 1 6 6 7 8 8 7 9 7	20 30 6 111 30 6 50 38 9 22 Year 24 29 27 7 26 7 11 7 24 -7
CAC MSC Jabras ASE Albans ASE Albans MSC Latan* Booreasia Glazzia Booreasia Glazzia Booreasia Glazzia Booreasia Glazzia Booreasia Boo	23,495 853 88,348 80,100 49,535 5,627 2,591 14,418 959 3,437 112,3 77,8 31,4 54,9 117,1 15,3	0.2 0.6 0.4 0.4 0.3 1.9 0.2 2.0 0.1 0.8 0.9 0.3 1.2 0.7 0.4 1.2 0.5 0.8 0.8 0.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.1 1.4 0.0 1.6 -0.3 0.6 2.5 -0.5 0.0 7 0.7 0.7 0.7 3.2 3.0 3.2 3.0 3.2 2.4 2.5 0.8 3.4 7.4 2.0 4.0 4.0	111 8 10 3 5 7 5 5 6 6 5 5 5 Monthly 4 6 4 8 3 1 1 6 6 7 8 8 -8 7 9 7 6 6 5 5	20 30 6 111 30 0 50 9 22 24 29 27 7 11 7 24 -7 -7 24 -7 24 -7 24 -7 24 -7 24 -7 24 -7 24 -7 24 -7 24 -7 24 -7 25 -7 26 26 -7 2
CAC MSC Jabers ASE Albers MSC Latam* blooversid office? Bord Catam* Chore of the Catam* Poland Micro Situation Bord Catam* Sharplan Corn (China) Shar	23,495 853 88,348 80,100 49,535 56,597 2,591 2,2591 14,430 level 148,7 112,3 77,8 31,4 54,9 15,3 15,2 16,5 3,0 46,1 17,1 95,2 793,0	0.2 0.6 0.4 0.4 1.9 0.2 2.0 0.6 0.7 0.7 0.3 0.9 0.7 0.7 0.4 1.2 0.7 0.5 0.8 0.9 0.2 0.6 0.6 0.0 0.5 0.6 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 1.4 0.0 1.6 0.3 0.6 2.5 0.5 0.7 0.7 0.7 0.7 2.3 3.0 3.2 2.5 3.2 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	111 8 10 3 5 5 5 6 6 5 5 5 5 5 6 6 4 8 8 8 7 7 9 7 6 6 5 6 8 8	20 30 6 111 30 6 50 38 9 22 24 29 27 37 26 7 111 7 24 29 20 4 29 27 37 26 4 27 28 28 29 20 4 20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
CAC MASS Albens ASS Albens ASS Albens ASS Albens Biboverpa (Rox0) Medold	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 evel 148,7 112,3 77,8 31,4 54,9 260,2 117,1 67,0 15,3 16,5 3,0 46,1 17,1 95,2 16,2 17,1 95,2 16,2 17,1 17,1 17,1 17,1 17,1 17,1 17,1 17	0.2 0.6 0.4 0.4 0.3 -0.4 1.9 0.2 2.0 0.1 0.8 0.9 0.9 0.7 -0.3 1.2 0.7 -0.5 0.8 0.9 0.2 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.0 0.7 0.0 0.0	2.1 1.4 0.0 1.6 0.3 0.6 0.5 1.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.8 3.2 3.0 3.2 3.3 0.6 4.7 2.5 1.5 0.6 0.6 1.5 0.6 2.5 1.5 0.6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	111 8 10 3 5 7 5 5 6 6 5 5 5 Monthly 4 6 4 8 3 1 1 6 7 7 8 8 8 7 9 9 7 7 6 6 5 6 6 5 6	20 30 6 11 30 6 11 30 0 50 22 22 7 24 29 27 7 7 11 19 20 4
CAC MAS (ABbres) ASS (Abbres) ABBRES (Abbres)	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 1,241 148,7 112,3 77,8 31,4 54,9 15,2 16,5 3,0 15,2 167,0 15,3 15,2 16,5 3,0 46,1 17,1 95,2 199,4 70,5	0.2 2.0 0.4 1.2 2.0 Daily 0.7 0.3 1.2 0.7 0.4 1.2 0.5 0.8 0.2 0.6 0.6 1.0 0.5 0.2 0.0 0.6 0.0 0.5 0.0 0.3 0.0 0.5 0.0 0.3 0.3 0.0 0.5 0.0 0.3 0.3 0.0 0.5 0.0 0.3 0.3 0.0 0.5 0.0 0.3 0.3 0.0 0.3 0.3 0.0 0.3 0.3 0.0 0.3 0.3	2.1 1.4 0.0 1.5 0.6 2.5 1.5 0.0 0.7 0.7 0.7 Weekly 3.2 2.5 3.3 3.0 3.2 2.5 3.2 2.5 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	111 8 10 3 5 7 7 5 5 6 6 5 5 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	200 300 301 300 6111 300 0 0 500 388 9 222 Year 24 29 27 7 7 11 7 24 4 7 7 19 20 4 4 18 21 18 21 18 21 21 21 21 21 21 21 21 21 21 21 21 21
CAC MES ABBRIS MES CHAIRS MES CLATAR BOY CLASS CLA	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148,7 77,8 31,4 54,9 15,3 15,2 16,5 3,0 46,1 17,1 95,2 793,0 298,7 199,4 70,5 90,8 5,9	0.2 0.6 0.6 0.2 0.1 0.8 0.9 0.2 0.0 0.1 0.8 0.9 0.2 0.0 0.1 0.8 0.9 0.2 0.0 0.5 0.2 0.6 0.0 0.5 0.0 0.5 0.0 0.7 0.0 0.3 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.7	2.1 1.4 0.0 1.6 1.6 0.3 0.6 1.6 0.3 0.6 1.5 1.5 0.5 0.0 0.7 0.7 0.7 Weekly 2.3 3.0 3.2 2.3 3.8 3.0 2.5 3.2 2.4 2.5 0.8 3.4 7.2 2.0 4.0 0.5 0.6 5.5 1.2 3.1 3.1 3.3 3.3 3.3 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.3	111 8 10 3 5 5 7 5 5 5 5 5 5 5 5 5 4 6 4 8 3 1 1 6 7 7 8 8 7 9 9 7 6 6 5 5 6 6 6 8 1 1 6 6 8 1 7 8 1	20 30 30 61 11 30 6 6 11 30 9 22 Year 24 29 27 7 26 7 11 17 20 4 4 22 8 8 8 8 9 10 11 11 11 12 12 13 14 15 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18
CAC MES Alberts ASS (Alberts) ASS (Alberts) ASS (Alberts) ASS (Ballers) Mestod	23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6430 level 1148,7 112,3 15,2 16,5 3,0 16,1 17,1 17,1 195,2 16,5 3,0 46,1 17,1 17,1 195,2 16,5 90,8 5,9 7,5 90,8	0.2 0.6 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	2.1 1.4 0.0 1.6 0.3 0.6 0.5 1.5 0.0 0.7 0.7 0.7 Weekly 3.2 2.5 3.0 3.2 2.5 3.2 2.5 4.0 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 4.0 3.2 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	111 8 10 3 5 5 7 7 5 5 6 6 5 5 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	200 300 211 300 6 6 111 300 500 38 9 222 27 27 7 26 6 7 7 111 7 24 -7 19 20 -4 4 22 8 8 8 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
CAC MSC Alberts MSC Misses	23,495 853 88,348 80,100 49,535 5,627 2,591 14,48 112,33 114,48 114,7 112,3 117,1 11	0.2 0.6 0.4 0.4 0.4 0.4 0.4 0.5 0.5 0.2 0.6 0.6 0.9 0.9 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.1 1.4 0.0 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 10 3 5 7 7 5 5 6 6 5 5 5 5 Monthly 4 4 8 8 3 1 6 6 7 8 8 8 9 7 7 6 6 5 6 8 8 1 6 5 6 6 5 5 10 9 9 13	200 300 6 111 300 6 6 111 300 9 222 Year 24 29 27 37 26 7 111 7 24 -7 12 4 -7 15 15 16 18 18 18 18 18 18 18 18 18 18 18 18 18
CAC MSC Albans ASC Albans ASC Albans ASC Intam* Morego Glorido MSC IDM Expope* Polvand Micro Glorido MSC IDM Expope* Polvand MSC IDM Expope* Polvand MSC IDM Expope* Polvand MSC IDM Assis MSC IDM	2.3.495 8.53 8.8.34 8.8.34 8.8.34 8.9	0.2 0.6 0.4 0.3 0.4 0.3 0.4 1.9 0.2 0.0 0.7 0.7 0.3 0.7 0.3 0.7 0.3 0.5 0.2 0.6 0.5 0.2 0.6 0.5 0.2 0.6 0.5 0.2 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 1.4 0.0 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 10 3 5 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	200 300 211 300 6 6 111 300 0 500 0 9 222 24 29 27 7 111 7 24 4-7 19 20 20 8 8 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
CAC MSC Albana M	2.4,495 88.348 88.348 88.348 88.348 88.348 88.348 88.348 88.348 19.319 2.228 88.348 19.419 19	0.2 0.6 0.4 0.4 0.4 0.4 0.5 0.2 0.0 0.6 0.7 0.2 0.7 0.3 0.5 0.2 0.6 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.7 0.1 0.0 0.7 0.3 0.7 0.3 0.7 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2.1 1.4 0.0 1.6 1.6 0.3 1.6 0.6 0.5 1.0 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 10 3 5 7 5 5 6 6 5 5 5 5 Monthly 4 6 6 4 8 3 1 1 6 6 7 8 8 9 7 6 6 5 5 6 8 9 1 1 6 6 5 5 6 6 5 6 5 6 6 5 6 7 9 9 1 3 9 9 9	200 300 211 300 6 111 300 0 500 38 9 22 Year 24 29 27 37 7 26 7 7 11 11 7 22 8 8 18 8 27 19 19 19 19 19 19 19 19 19 19 19 19 19
CAC MSC ADDRESS	2.2.495 8831 88.348 8832 88.348 89.348 49.315 5.697 12.228 19.419	0.2 0.6 0.6 0.4 0.3 0.9 0.2 0.2 0.6 0.8 0.9 0.9 0.2 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.0 0.0 0.0	2.1 1.4 0.0 1.6 0.3 1.6 0.6 0.5 1.0 0.6 0.5 1.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	111 8 100 3 5 7 7 5 5 6 6 5 5 5 5 Morathy 4 6 6 4 8 3 1 6 6 7 7 8 8 -9 7 7 6 6 5 5 6 8 7 9 9 7 7 6 6 5 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 6 5 6	200 301 300 6111 300 650 388 922 Year 266 7 111 7 244 -7 19 200 -4 222 8 18 27 -15 9 16 18 15 13 30 30 35 13 36 Year
CAC MES ASS ASS CONTROL OF A CO	2.4.95 853 88.348 88.348 89.348 49.339 2.591 2.298 2.591 2.298 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.491 2.498 2.4	0.2 0.6 0.4 0.3 0.4 0.2 0.0 0.6 0.4 0.3 0.5 0.2 0.5 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.1 1.4 0.0 1.6 1.6 0.3 1.6 0.6 0.5 1.6 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	111 8 100 3 5 7 7 5 5 6 6 5 5 5 5 6 6 5 5 5 5 5 6 6 6 5 5 5 5 5 6 6 7 8 8 3 1 1 6 6 7 8 8 8 7 9 9 7 6 6 5 6 6 8 1 1 6 6 5 5 6 6 5 5 6 6 5 5 10 9 9 13 3 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	200 211 300 6 111 300 6 500 38 9 22 Year 24 29 27 7 11 7 24 -7 19 20 4 22 8 18 27 -15 9 16 18 15 13 30 35 31 6 Year
CAC MASC Manus ASC Manus ASC Latan ** Boy eage of Glorial MASC Latan ** Boy eage of Glorial Masc Latan ** Poland Masc Latan ** Boy eage of Glorial Masc Latan ** Masc Latan **	22.495 88.54 88.54 88.54 88.54 88.54 88.65 88.75 88.65 88.75 88.65 88.75 88.75 114.418 99.97 112.3 71.	0.2 0.6 0.4 0.3 0.4 0.2 0.0 0.6 0.4 0.3 0.5 0.2 0.5 0.2 0.6 0.6 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 1.6 0.3 1.6 0.5 1.5 0.0 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	11 8 10 3 5 5 7 7 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 7 9 9 7 7 6 6 7 5 5 6 6 7 9 9 7 7 6 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10	200 201 300 211 300 6 6 111 300 500 388 9 222 Year 7 111 7 24 29 8 18 7 7 19 20 4 22 8 18 15 13 30 35 13 6 Year 17 12 6 -12
CAC MES AGENERAL CONTROL CONTR	22,495 8,53 8,34 8,54 8,54 8,54 8,54 8,54 8,54 8,54 8,5	0.2 0.6 0.4 0.3 0.4 0.2 0.0 0.6 0.4 0.3 0.9 0.9 0.2 0.5 0.6 0.0 0.6 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 1.4 0.0 1.6 1.6 0.3 1.6 0.6 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	11 8 10 3 3 5 7 7 5 5 5 6 5 5 5 5 6 6 5 5 6 6 5 6 6 7 7 9 9 7 7 6 6 5 6 5 5 6 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	200 201 300 201 300 6 6 111 300 0 500 388 9 222 227 277 377 266 7 7 111 7 24 4 29 19 19 19 19 19 19 19 19 19 19 19 19 19
CAC MAS AS ABBRES ASS ASS ASS ASS ASS ASS ASS ASS ASS A	22,495 8,53 8,34 8,34 8,34 8,34 8,34 8,35 8,62 8,25 8,25 8,25 8,25 8,25 112,4 112,4 113,4 114,4 118,7 112,4 118,7	0.2 0.6 0.4 0.3 0.4 0.9 0.2 0.0 0.6 0.9 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 1.4 0.0 1.6 0.3 1.5 1.5 0.0 0.7 7.3 2.2 3.0 3.2 2.5 3.2 2.4 4.5 2.5 4.2 2.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	111 8 100 3 3 5 7 7 5 5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	200 201 300 211 300 6 6 111 300 0 500 38 9 222 24 29 27 37 26 7 111 7 24 22 8 18 27 -15 9 16 18 18 51 13 30 35 35 13 6 Year 17 12 4 4 7 17 12 8 8 8 7 17 17 12 8 8 8 7 17 17 12 8 8 8 7 17 17 18 18 18 18 19 16 18 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 18 18 19 16 16 18 18 18 19 16 16 18 18 18 19 16 16 18 18 18 19 16 16 16 16 16 16 16 17 17 17 18 18 18 18 18 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10
CAC MASS Alberts ASS Alberts Borres	22.495 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 89.37 12.28 89.37 114.41 89.37 114.23 714.23 714.24 714.24 714.25 714.2	0.2 0.6 0.4 0.3 0.4 0.9 0.2 0.0 0.1 0.9 0.9 0.1 0.5 0.2 0.6 0.5 0.2 0.6 0.5 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 1.6 1.6 0.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	111 8 100 3 3 5 7 7 5 5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	200 201 300 211 300 6 6 111 300 0 0 222 27 7 11 7 24 -7 19 20 4 -4 22 8 18 8 27 -15 9 16 18 15 13 30 35 35 13 6 Vear 17 12 6 -12 Year 17 0 10 10
CAC MSC Alberna MSC Alberna MSC Alberna MSC DM Excepe* Pokind Mod Lot MSC DM Excepe* Pokind MSC DM Excepe MSC DM Exc	22,495 88,348 88	0.2 0.6 0.4 0.3 0.4 1.9 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 1.4 0.0 1.6 1.6 0.3 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	111 8 100 3 3 5 7 7 5 5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	200 201 300 61 1300 6 61 1300 6 6 11 300 9 22 27 7 11 7 24 7 19 20 4 22 8 18 15 13 35 35 13 6 7 7 12 7 12 7 15 17 17 18 18 17 18 18 19 19 10 10 10 10 11 11 11 11 11 11 11 11 11
CAC MASS AND	22,495 8,53 8,34 8,34 8,35 8,34 8,34 8,54 8,54 8,54 8,54 8,54 8,54 8,54 8,5	0.2 0.6 0.4 0.3 1.9 0.2 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 1.4 0.0 1.1 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 100 3 3 5 7 7 5 5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	200 201 300 611 300 650 500 500 500 500 500 500 500 500 5
CAC MASS Albers ASS Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers Ass Albers	22.495 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 88.34 89.37 2.591 2.258 89.34 3.43 110.39 15.32 15.32 15.32 15.32 15.32 15.32 15.32 15.32 15.32 15.33 16.33 19.93 19.94 10.33 19.95 10.33 19.95 10.33 19.96 10.33 10.34	0.2 0.6 0.4 0.3 0.9 0.9 0.7 0.4 0.2 0.3 0.5 0.0 0.6 0.0 0.9 0.9 0.7 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 100 3 3 5 7 7 5 5 6 6 5 5 5 5 5 6 6 5 5 5 5 5 6 6 7 7 8 8 8 8 7 7 9 9 7 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 6 5 6 6 5 6 6 6 5 6 6 6 5 6 6 6 5 6 6 6 6 5 6 6 6 6 5 6 6 6 5 6 6 6 6 5 6	200 201 300 611 300 650 111 300 650 388 9 222 77 117 7 244 -7 19 9 266 7 111 7 244 -8 18 18 18 18 18 19 16 10 10 35 13 16 17 17 12 16 17 17 19 19 10 10 10 10 10 11 11 11 11 11 11 11 11
CAC MASS Alberson* ASS Alberson* ASS Alberson* ASS Alberson* ASS CAR Mass Alberson* ASS CAR Mass Alberson* Ass CAR Mass Alberson* Poland Mess Classia Mess Cartification (Triba) Joint and Alberson (Triba) Large Spanish banks Large Spanish banks Large Spanish banks Large Spanish banks Sandander BBVA Medium Spanish banks Currencies (K. Developed LERUSD GBPUSD LOSD JPY DOXY DOXY JOINT Alberson (JOINT) JOS JOINT Alberson (JOINT) JOS JOINT Alberson (JOINT) JOS JOHN (Mexico) LOSD MAN (Me	22,495 88,348 88,348 88,348 88,348 88,348 88,348 88,348 88,348 89	0.2 0.6 0.6 0.4 1.9 0.2 2.0 1.0 1.0 0.8 0.9 0.9 0.7 0.2 0.5 0.0 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 100 3 3 5 7 7 5 5 6 6 6 8 1 1 6 7 7 9 7 7 6 6 5 6 8 8 1 1 6 7 7 9 9 7 7 6 5 5 6 6 8 8 1 1 6 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	200 300 310 300 6111 300 6500 388 9 222 Year 267 7 7 24 27 27 27 27 27 27 27 37 7 4 22 28 8 18 15 13 30 35 35 17 12 6 10 10 10 3 12 5 5 5 18 7 -6 18
CAC MES AGENERAL CONTRACTOR OF THE AGENERAL CONT	22,495 8,53 8,34 8,34 8,34 8,34 8,34 8,35 8,62 8,25 8,25 8,25 8,27 112,3 13,4 148,7 112,3 13,4 148,7 112,3 13,4 148,7 112,3 13,4 148,7 112,3 13,4 148,7 112,3 13,4 148,7	0.2 0.6 0.4 0.3 0.4 0.5 0.5 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.6 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.1 1.4 0.0 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 100 3 3 5 7 7 5 5 6 6 4 9 9 13 3 9 9 9 100 100 100 100 100 100 100 100 1	200 201 300 611 300 650 111 300 500 500 500 500 500 500 500 500 500
CAC MASC Atlation MASC Atlation MASC EM Exerce MASC EM Exerce Poland Masc EM Exerce Poland Masc EM Exerce MASC EM Exerce MASC EM Asia Stranglar Corn (China) Islantin findrionesia Banking sector US banks MASC EM Exerce US banks MASC EM Exerce MASC EM EX	22.495 8854 8864 8864 8864 8864 8864 8864 886	0.2 0.6 0.4 0.4 0.4 0.5 0.8 0.9 0.1 0.2 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 1.4 0.0 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	111 8 100 3 3 5 7 5 5 6 6 5 5 5 Monthly 4 6 4 8 3 1 6 6 7 7 8 8 8 7 7 9 9 7 7 6 6 5 5 100 9 9 13 9 9 9 9 13 3 5 5 6 6 8 10 10 9 13 3 5 5 6 6 8 10 10 10 10 10 10 10 10 10 10 10 10 10	200 300 310 300 6111 300 6500 388 9 222 Year 244 299 277 377 266 7 111 7 244 -7 19 200 41 222 8 18 27 -15 19 10 31 30 35 13 36 Year 17 17 12 6 -12 Year 17 0 10 3 12 5 5 18 7 -6 7 6 1
CAC MARCH STATE OF THE CONTROL OF TH	22,495 883 8848 885 8864 885 8864 8865 8867 8867 887 887 887 8886 887 887 887	0.2 0.6 0.4 0.4 0.4 0.4 0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 0.1 1.4 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	111 8 100 3 3 5 7 5 5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5	200 300 300 300 300 300 300 300 300 300
CAC MASS AND	2.24,95 8,35 8,36 8,36 8,36 8,36 8,36 8,36 8,36 8,36	0.2 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.4 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2-11 1-4 0-0-6 0-13 0-0-6 0-13 0-15 0-15 0-5 0-5 0-7 0-7 Weekly 3-3-2 3-2 3-2 3-2 3-3 3-8 3-4 2-5 3-3 3-4 2-5 3-3 3-4 2-5 3-3 3-4 2-5 3-3 3-4 2-5 3-3 3-4 2-5 3-3 3-4 2-5 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1	111 8 10 3 3 5 7 5 5 6 6 5 5 5 Mouthly 4 6 4 8 8 3 1 1 6 6 7 8 8 8 7 7 7 6 6 8 8 1 1 6 5 5 6 6 8 1 1 6 5 5 6 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200 300 310 310 300 61 113 300 65 133 38 92 22 Year 77 72 44 77 19 20 42 88 15 13 30 35 13 36 Year 17 17 0 10 31 12 55 18 7 66 17 7 66 17 7 66 17 7 66 17 7 7 66 17 7 7 66 17 7 7 66 17 7 7 7
CAC MARCH STATE OF THE CONTROL OF TH	22,495 8,536 8,346 8,346 8,346 8,347 8,347 8,347 1,248 8,347 1,248 8,347 1,248 1,347	0.2 0.6 0.4 0.4 0.4 0.4 0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.1 1.4 0.0 0.1 1.4 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	111 8 100 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	200 300 300 300 300 300 300 300 300 300





D ebt markets	(10Y.%.d	anges in t	ip)		
Developed Markets US (2-yr)	2.02	Daily 2.5	Week 5.4	Month 19	Year 81
US GER (2-yr)	2.56 -0.57	1.1	0.4 4.2	20 14	12
Germany France	0.56 0.84	-2.5 -2.4	2.6	19 21	22
Spain	1.50	-2.9	1.9 -1.3	4	7
Italy Portugal	1.97 1.79	-3.1 -1.0	-6.4 -7.3	16 -5	10 -211
Greece Japan (2-vr)	3.78 -0.13	-11.2 0.2	-7.3 9.7 0.4	-19 2	-211 -310 6
Japan	0.08	1.2	2.7	2	2
Emerging Markets Brazil	9.91	Daily 0.6	Weekly -11.0	Monthly -48	Year -151
Chile Colombia	4.57 6.44	0.0 2.6	3.4 10.7	-12	25 -65
Mexico	7.56	4.1	8.5	8	-8
Peru Poland	4.40 3.28	-4.8 -2.0	-29.0 -3.5	-78 5	-207 -44
Russia Turkey	7.51	2.5	-4.2 29.0	-12 -45	-93
India	11.64 7.38	6.0 11.4	1.6	25	64 100
Indonesia Country o	6.16 isk (bp, chang	-4.0 es in bp)	-1.8	-33	-168
Developed Markets	level	Daily	Weekly	Monthly	Year
10-yr so vereign spread vs Germany	28		-0.7		-19
France Italy	141	0.1 -0.6	-9.0	-3	-11
Portugal	123	1.5	-9.9	-24	-232
Spain 2-yr sovereign spread vs Germany	94	-0.4	-3.9	-15	-15
France Italy	15 26	-0.6 -1.6	0.3 -3.8	-1 -15	-35
Portugal	31	-0.4	-3.7	-12	-50
Spain	19	-1.0	-3.2	-18	-29
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil	141	-3.3	-3	-27	-131
Chile Colombia	44 92	0.3	-2 -3	-11 -19	-38 -71
Mexico	98	0.2	2	-7	-58
Peru Poland	66 49	0.2	-1 2	-6 -1	-42 -27
Russia	111	1.3	-6	-16	-66
Turkey China	161 48	3.8 0.7	0	-18 -6	-111 -69
India	67	0.1	- 4	-4	-60
Indonesia Ri	80 sk indicator:	0.7	- 1	-12	-76
Volatilty indicators (%)	level	Daily	Weekly	Monthly	Year
VIX	11	10.6	12	19	-1
VSTOXX EM EFT volatility Index	11 16	2.5 5.4	-3	-4 13	-5 -21
Dollar/euro volatility	7	-10.5	19	32	-34
EM FX volatility index Credit spread (BAA) (bps)	8 167	3.1 -1.1	-6	-11	-30 -60
US bonds volatility index	48	0.0	1	3	-38
Inflation expectations (%) US Inflation expectations (5Y5Y)	2.34	Daily 5.1	Weekly -1	Monthly 6	Year -20
EZ Inflation expectations (5Y5Y)	1.76	0.7	3	5	-4
Banking 5 y CDS (bps) * US	level 42	Daily -0.1	Weekly 1	Monthly -2	Year -30
EZ	36	0.7	-2	-5	-72
UK Large Spanish	41 34	0.8	1	-1 -5	-49 -83
Medium Spanish	68	-0.8	-3	-10	-84
Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	Year
US Non-financial EZ Non-financial	142 61	-0.1 0.7	1 -2	-2 -5	-30 -72
UK Non-financial	96	0.1	5	2	-29
Interbank ma	arkets (%, ch	nges in by) Maakh	Monthly	Von
EONIA Index	-0.37	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.19	0.00	0.0	0.0	0.0 -0.1
Libor 3m	1.73	0.01	0.0	0.1	0.7
Libor 12m	2.19	0.02	0.0	0.1	0.5
	ck markets (
Main indices S&P500	2,794	Daily 0.3	Weekly 1.6	Monthly 4	Year 23
Dow Jones	25,937	0.5	2.2	5	30
Nikkei FTSE 100	23.952 7,756	1.0 -0.2	0.4	6	22 8
EuroStoxx 50	3,622	0.3	0.0	2	9
IBEX DAX	10.520	0.5	0.9 -1.0	4	11
CAC	13,246 5,514	0.3	-0.2	3	
CAC MIB	5,514 23,495	0.1	-0.2 2.1	3 6	13 20
CAC	5,514	0.1	-0.2	3	13
CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil)	5,514 23,495 853 88,348 80,100	0.1 -0.2 0.6 0.4 0.4	-0.2 2.1 1.4 0.0 1.6	3 6 11 8 10	13 20 30 21 30
CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Medool	5,514 23,495 853 88,348 80,100 49,535	0.1 -0.2 0.6 0.4	-0.2 2.1 1.4 0.0	3 6 11 8	13 20 30 21
CAC MIB ASE Athens MSG Latam * Ibbovespa (Brazil) Mexbol MSG EM Europe * Poland	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591	0.1 -0.2 -0.6 -0.4 -0.4 -0.3 -0.4 -1.9	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5	3 6 11 8 10 3 5 7	13 20 30 21 30 6 11 30
CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Mecbol MSCI Edit Europe * Poland Miscr (Bussia)	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5	3 6 11 8 10 3 5 7 5	13 20 30 21 30 6 11 30 0
CAC MIB ASE Attens MSCI Latam * Ibovespa (Brazil) Mosbol Mosbol Mosbol Mostor Europe * Pokand Micro (Russia) Ise 100 (Turkey) Ise 100 (Turkey)	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5	3 6 11 8 10 3 5 7 5 5 6	13 20 30 21 30 6 11 30 0 50
CAC MIB MS ASE Athens MSCI Latam * Ibovespa (Brazi) Mecbol MSCI EM Europe * Peland Micoc (Russia) Mico Micos (Mussia) MSCI EM Asia * Shanghal Com (Chia)	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0	3 6 11 8 10 3 5 7 5	13 20 30 21 30 6 11 30 0 50 38
CAC MSG Latam * MSG Latam * More Latam * MSG Latam * MSG Latam * MSG Latam L	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daily	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 0.7	3 6 11 8 10 3 5 7 5 5 6 5 5 6 5 5 Monthly	13 20 30 21 30 6 11 30 0 50 38 9 22
CAC MSG Blens MSG Latam Blovegs Blazz Blovegs Blazz MSG Lat Luppe MSG Lings MSG L	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148,7	0.1 -0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 0.7 Weekly 3.2	3 6 11 8 10 3 5 7 5 5 6 5 5 5 6 5 5 5 7	13 20 30 21 30 6 11 30 0 50 38 9 22 Year 24
CAC MSG Illens MSG Latam Blovespa Blazz Blovespa Blazz MSG Lat Luppe MSG Lat Luppe MSG Lat Luppe MSG Lat Luppe MSG Luppe M	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daily 0.7 -0.3 1.2	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 0.7 Weekly 3.2 3.0 3.2	3 6 11 8 10 3 5 7 5 5 6 5 5 5 5 Monthly 4 6 4	13 20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27
CAC MSG Ribers ASS Ribers MSG Latan Boneque discase Boneque discase Boneque discase Poland Micro Ginstel Bone Ginstel	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8	0.1 -0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daily 0.7 -0.3 1.2 0.7	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 0.7 Weekly 3.2 3.0 3.2 3.8	3 6 11 8 10 3 5 7 5 6 5 5 6 5 5 7 4 6	13 20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27 37
CAC MSG Illers ASE Albers MSG Latura* Booressi Blazz Booressi Blazz Booressi Blazz Pokard Misco Ginska Booressi Boor	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148,7 77,8 31,4 54,9	0.1 -0.2 0.6 0.4 0.3 -0.4 1.9 -0.2 2.0 -0.1 0.8 0.9 Daily 0.7 -0.3 1.2 0.7 -0.4 1.2	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 2.5	3 6 11 8 10 3 5 7 5 6 5 5 6 5 5 5 4 4 8 3 10	13 20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27 37 26 7
CAC MS ASS Alberts ASS Alberts ASS Alberts ASS Alberts Blowerpa (Razil) Modeld	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 12,258 114,418 959 3,437 6,430 level 112,3 77,8 31,4 54,9 260,2 117,1	0.1 -0.2 -0.6 -0.4 -0.4 -0.3 -0.4 -0.2 -0.0 -0.1 -0.8 -0.9 -0.1 -0.8 -0.9 -0.1 -0.7 -0.3 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.7 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 2.5 3.2	3 6 111 8 10 3 5 7 5 5 6 5 5 5 5 5 4 6 4 8 3 1 1 6 4 6 4 6 7	13 20 30 21 30 6 11 30 0 50 38 9 22 Year 24 29 27 37 26 7
CAC MSS Atthems ASS Atthems ASS Atthems MSG IDM Level MSG IDM	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 12,258 114,418 959 3,437 6,430 level 148,7 112,3 77,8 31,4 54,9 260,2 117,1 67,0 15,3	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 0.7 0.8 0.9 Daily 0.7 -0.3 1.2 0.7 -0.4 1.2 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.6 -0.6 -0.7 -	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 -0.5 0.0 0.7 0.7 0.7 3.2 3.0 3.2 3.3 3.0 2.5 3.2 4.2 2.5	3 6 111 8 100 3 5 7 5 5 6 5 5 5 5 5 5 6 4 6 4 8 3 1 1 6 4 8 1 1 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	13 20 30 6 11 30 0 50 38 9 22 Year 24 29 27 7 11 17
CAC MSG IBlens ASE Albens MSG Latam* Booregas Gleazi Booregas Gleazi Booregas Gleazi Booregas Gleazi Booregas Gleazi Booregas Poland Misco Cittosho Booregas Booreg	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8 31.4 54.9 260.2 117.1 67.0 15.3	0.1 0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.1 0.8 0.9 Daily 0.7 -0.3 1.2 0.7 -0.4 1.2 0.7 -0.4 1.9 -0	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 1.5 0.0 0.7 Weekly 3.2 3.0 3.2 3.8 3.0 3.2 3.2 3.2 4.2 5.5 2.5 3.2	3 6 11 8 10 3 5 7 5 6 6 5 5 5 Monthly 4 6 4 8 3 1 1 6 7 7 8 8 8 8 8 8 8 8	13 20 30 6 11 30 6 50 38 9 22 Year 24 29 27 7 11 7 24 -7
CAC MSG Ribers MSG Laturs Booregain Gloral B	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 14,418 959 3,437 16,430 level 148,77 112,3 77,8 31,4 54,9 260,2 117,1 67,0 15,3 15,2 16,5 3,0	0.1 -0.2 0.6 0.4 0.4 0.3 -0.4 1.9 -0.2 2.0 0.7 0.8 0.9 Daily 0.7 -0.3 1.2 0.7 -0.4 1.2 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.6 -0.6 -0.7 -	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 -0.5 0.0 0.7 0.7 Weekly 3.2 3.0 2.5 3.2 2.4 2.5 0.8 3.4 7.2	3 6 111 8 100 3 5 7 5 5 6 5 5 5 5 5 5 6 4 6 4 8 3 1 1 6 4 8 1 1 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	13 20 30 6 11 30 0 50 38 9 22 Year 24 29 27 7 11 17
CAC MSG Idens ASE Allers MSG Latura* Boor eags of discale Boor eags of discale Boor eags of discale Msc CEM Earope* Poland Msc CEM Size Shortglat (com (China) Balanta (indina) Bala	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8 31.4 54,9 260.2 117.1 6,5 3.0 46,1	0.1 0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.1 0.8 0.9 0.9 0.7 0.3 1.2 0.7 0.4 1.9 0.7 0.8 0.9 0.9 0.7 0.8 0.9 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 2.5 -0.5 0.0 0.7 0.7 0.7 0.7 3.2 3.0 3.2 3.0 3.2 2.4 2.5 3.0 3.2 2.4 2.5 0.8 3.4 7.2 2.0	3 6 111 8 10 3 5 7 5 5 5 5 5 5 5 5 5 4 4 6 4 8 3 1 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	13 20 30 21 30 6 11 30 0 0 50 38 9 22 27 7 37 26 7 11 7 24 -7 19 20 20 4
CAC MAST Alberts ASE Alberts MAST Latturn* Boor eags of Bload Mast Clast Europe* Potant Mess Clast Starope* Starope Starope Credit Agricole Decestion Beink Mo Mo Starope Starope Starope Starope Starope University Starope University Starope Starope	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8 31.4 54,9 260.2 117.1 67.0 15.3 15.2 16.5 3.0 46.1 17.1	0.1 0.2 0.6 0.4 0.4 1.9 0.2 2.0 0.7 0.3 1.2 0.7 0.3 1.2 0.7 0.3 0.9 0.7 0.7 0.7 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 6.2.5 1.5 -0.5 0.0 0.7 0.7 0.7 0.7 3.2 3.0 3.2 2.5 3.2 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3 6 111 8 10 3 5 5 5 5 6 6 6 5 5 5 5 4 4 6 4 8 3 1 1 8 8 1 8 1 8 8 8 8 8 8 8 8 8 8 8	13 20 30 30 21 30 6 11 30 0 6 50 38 9 22 Year 24 29 7 7 11 7 7 24 7 19 20 4 4 22 8
CAC MASS Afference ASS Afferen	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 959 3,437 6,430 148,7 112,3 77,8 31,4 54,9 260,2 117,1 67,0 13,1 15,2 16,5 3,0 46,1 17,1 95,2 793,0	0.1 0.2 0.6 0.4 0.3 0.4 0.9 0.2 2.0 0.9 0.3 1.9 0.9 0.9 0.3 1.2 0.7 0.3 1.2 0.7 0.4 1.2 0.5 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 -0.5 1.5 -0.5 1.5 -0.5 1.5 -0.5 1.5 2.2 2.5 3.2 2.5 3.2 2.4 2.5 3.2 3.8 3.4 7.2 2.9 3.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	3 6 111 8 110 3 5 7 5 5 6 6 5 5 5 5 5 7 8 8 8 7 7 9 7 6 6 5 5 6 6 6 5 6 6 6 6 6 6 6 6 6 6 6	13 20 30 21 30 6 6 11 30 0 0 50 38 9 22 27 37 26 7 11 7 24 -7 19 20 20 21 22 22 8 8
CAC MASS Alberts ASS ASS ASS ASS ASS ASS ASS ASS ASS AS	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 93,437 6,430 level 148,77 112,3 77,8 31,4 54,9 260,2 117,1 15,3 15,2 16,5 3,0 46,1 17,1 95,2 793,0 298,7	0.1 0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.9 0.3 1.2 0.7 0.3 1.2 0.7 0.3 1.2 0.7 0.4 1.2 0.5 0.8 0.6 0.6 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	-0.2 2.1 1.4 0.0 1.6 -0.3 0.6 6.5 -0.5 0.0 0.7 7.7 Weekly 3.2 3.8 3.0 3.2 3.8 3.4 2.5 0.8 3.4 2.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6	3 6 111 8 10 3 5 5 5 6 6 5 5 5 5 Monthly 4 4 8 8 3 1 6 6 7 8 8 7 7 6 6 5 5 6 8 8 1 1 6 5 6 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 20 30 21 30 6 11 30 0 50 0 50 22 24 29 27 37 26 7 11 7 24 -7 19 22 8 8 8 8 8 9 11 11 12 12 13 14 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
CAC MASS Alberts ASS Alberts ASS Alberts ASS Alberts ASS Alberts ASS Alberts ASS Alberts Bowerpa (Bazill) Mexicol Mexi	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 12,258 114,418 3147 6430 love 148.7 112.3 77.8 31.4 54.9 260.2 117.1 67.0 15.3 15.2 16.5 3.0 46.1 17.1 95.2 793.0 298.7 199.4	0.1 0.2 0.6 0.4 0.3 0.4 0.3 0.4 0.9 0.0 0.1 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.4 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-0.2 2.1 1.4 0.0 1.6 -0.3 2.5 1.5 0.0 0.7 0.7 Weekly 3.2 2.5 1.5 0.0 0.7 0.7 2.5 1.5 0.0 0.7 0.7 2.5 1.5 0.8 3.0 3.0 2.5 1.5 0.8 3.0 3.0 3.2 2.5 3.2 2.4 4.0 2.9 3.5 6.5 1.2 3.1 3.5 6.5 1.2 3.1 3.5 6.5 1.2 3.1 3.1	3 6 111 8 10 3 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 20 30 21 30 6 6 11 13 30 6 6 9 22 22 7 24 29 27 7 26 7 7 24 29 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21
CAC MASS Alberts ASS Alberts Mass Alb	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 14,418 114,418 31,4 54,9 260,2 117,1 67,0 15,3 15,2 16,5 3,0 46,1 17,1 95,2 793,0 298,7 70,5 90,8	0.1 0.2 0.6 0.4 0.3 0.4 0.3 0.4 1.9 0.2 0.0 0.1 0.3 0.9 0.3 1.2 0.7 0.7 0.7 0.7 0.7 0.5 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 1.6 -0.3 1.6 -0.3 1.5 -0.5 0.0 0.7 0.7 0.7 0.7 0.7 0.3 3.0 2.5 3.2 2.4 4.0 2.9 0.8 3.4 2.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6	3 6 111 8 10 3 5 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 20 30 21 30 6 6 11 30 0 50 38 9 22 27 7 7 11 7 26 7 7 11 7 22 8 8 8 9 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 20 20 20 20 20 20 20 20 20 20 20 20
CAC MSG Taless ASE Alless ASE (Alless ASE (Alless) MSG Lattura* Boor eage of Glorab MSG CEM Europe* Poland Missor Cemsis Best 100 (Turkey) MSG CEM Asia Sharping Loom (China) Allessars finderinesis) Talessars (Allessars) MSG CEM Asia Standard Glorab MSG CEM Asia CER BBOA MSG GE Tabrak BBOA MSG MSG MSG MSG MSG MSG MSG MS	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 2,258 114,418 9159 3,437 6,430 114,418 9159 3,437 6,430 114,51 112,3 177,8 31,4 54,9 26,1 17,1 16,5 3,0 46,1 17,1 95,2 793,0 298,7 199,4 70,5 90,8 5,9	0.1 0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.8 0.9 0.7 0.3 1.2 0.7 0.3 1.2 0.5 0.8 0.9 0.4 1.9 0.4 0.7 0.8 0.8 0.9 0.7 0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 0.3 1.6 0.3 0.6 0.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.2 3.0 2.5 3.2 2.4 2.5 3.2 2.4 2.5 1.1 2.3 3.6 6.5 1.1 2.3 3.1 3.5 4.2 3.0 3.3 3.5 4.2 3.3 3.5 4.2 3.3 3.5 4.2 3.5 4.2 3.3 3.5 4.2 3.2 3.5 4.2 3.5 4.2 3.2 3.5 4.2 3.2 3.5 4.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3	3 6 111 8 110 3 5 7 7 5 5 6 6 5 5 5 5 6 6 8 1 6 5 6 6 5 5 6 6 5 5 6 6 6 5 6 6 5	13 20 30 21 30 6 6 11 30 0 0 50 38 9 2 2 27 37 26 7 11 7 24 -7 24 -7 24 -7 25 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
CAC Miss Cebens Miss Claums	5514 8.348 80.100 48.348 80.100 80.10	0.1 0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.7 0.3 0.7 0.3 1.2 0.7 0.3 1.2 0.8 0.9 0.7 0.4 1.2 0.5 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 0.6 0.3 0.6 0.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 11 8 10 3 5 7 5 5 6 6 5 5 5 Monthly 4 4 8 3 1 1 6 7 7 9 7 7 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 6 8 6 7 7 9 9 7 7 6 6 7 7 9 9 7 7 6 7 7 9 9 7 7 6 7 9 9 7 7 6 7 9 9 7 7 9 9 9 7 7 9 9 9 9	13 20 30 21 30 6 6 11 30 0 0 50 38 8 9 22 27 7 26 6 7 7 11 7 24 29 27 7 24 29 27 7 11 17 24 4 19 19 19 19 19 19 19 19 19 19 19 19 19
CAC MASC Alberts ASS Alberts ASS Alberts ASS Classes ASS Classes Masc Latan M	5,514 23,495 853 88,348 80,100 49,535 5,627 2,591 12,258 114,418 959 3,437 6,430 level 148.7 112.3 77.8 31.4 54.9 260.2 117.1 95.2 117.1 95.2 93.0 46.1 195.2 793.0 298.7 199.4 70.5 90.8 5.9 7.5	0.1 0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.8 0.9 0.7 0.7 0.3 1.2 0.7 0.4 1.2 0.2 0.6 0.6 0.6 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 2.1 1.4 0.0 0.6 0.3 0.6 2.5 1.5 -0.5 0.7 0.7 Weakly 3.2 3.0 3.2 3.3 3.0 2.5 3.2 2.5 3.2 2.5 3.2 2.5 3.2 4.2 3.1 3.5 4.2 3.0 4.0 4.0 4.7 3.7 3.7 3.7 4.7	3 6 111 8 100 3 5 7 5 5 5 6 6 5 6 6 8 8 1 6 6 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	13 20 30 21 13 30 6 6 11 30 0 0 50 38 9 22 24 27 37 26 7 11 17 20 4 22 8 8 18 8 9 19 19 19 19 19 19 19 19 19 19 19 19 1
CAC MSC Allers MSC Allers MSC Allers MSC Distant MSC	5514 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.1 0.2 0.6 0.4 0.3 0.4 1.9 0.2 2.0 0.1 0.8 0.9 0.7 0.7 0.7 0.4 1.2 0.5 0.9 0.7 0.7 0.8 0.9 0.9 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 2.1 1.4 0.0 0.0 1.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 111 8 10 3 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 20 30 30 6 11 30 50 38 9 22 24 29 27 7 11 7 7 24 4 22 8 18 8 27 -15 9 16 18 15 13 30 35 55
CAC MSC Address	5514 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.1 0.2 0.6 0.4 0.3 0.4 0.3 0.4 1.9 0.2 0.0 0.1 0.8 0.9 0.3 1.2 0.5 0.9 0.8 0.5 0.0 0.6 0.0 0.7 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 2.1 1.4 0.0 1.6 0.3 0.6 0.5 1.5 0.5 0.0 0.7 0.7 0.7 0.7 0.7 0.8 3.2 3.0 2.5 3.0 3.2 2.4 4.0 2.5 3.0 4.0 2.9 3.5 4.2 4.2 4.2 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	3 6 11 8 10 3 5 5 5 6 6 5 5 6 6 8 8 1 1 6 6 5 6 6 8 1 1 6 6 5 6 6 8 1 1 6 6 7 9 9 13 3 9 9 9	13 20 30 21 30 6 11 30 6 50 38 9 22 24 29 27 7 11 7 24 27 7 24 29 27 7 11 7 24 29 16 18 20 18 21 18 21 18 21 21 21 21 21 21 21 21 21 21 21 21 21
CAC MSG Address	5514 (40.2) (5.1) (5.1) (5.1) (6.1)	0.1 0.2 0.6 0.4 0.4 0.4 0.9 0.3 0.4 1.9 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 2.1 1.4 0.0 0.0 1.6 0.3 0.6 0.5 1.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 2.3 3.0 2.5 3.0 3.2 2.4 4.0 2.5 1.1 3.5 4.2 3.7 4.7 2.7 3.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4	3 6 11 8 10 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	133 20 30 30 6 111 300 6 50 38 9 9 22 27 37 6 7 111 7 24 29 29 20 4 4 21 8 8 9 16 18 18 18 18 18 18 18 18 18 18 18 18 18
CAC MSG GLEENS MSG LEENS MSG L	5514 88.348 80.1909 99.8 83.48 7.2 2.591 1.2 2.591 1.2 2.591 1.2 2.591 1.2 2.591 1.2 2.591 1.2 2.591 1.2 2.591 1.2 2.591 1.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	0.1 0.2 0.6 0.4 0.4 0.4 0.3 0.4 1.9 0.2 0.0 0.9 0.7 0.3 1.2 0.7 0.3 1.2 0.7 0.4 1.2 0.5 0.8 0.2 0.6 0.6 0.0 0.7 0.3 0.7 0.3 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.4 0.0 0.1.6 0.3 0.6 0.5 1.5 1.5 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 11 8 10 3 5 5 6 5 5 5 6 6 5 5 5 6 6 5 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 6 5 6 6 6 5 6 6 6 5 6 6 6 5 6	133 20 300 21 300 6 11 300 6 500 38 9 22 Year 7 11 7 24 -7 19 20 4 22 8 18 18 18 18 18 18 18 18 18 18 18 18 1
CAC MSS Alberts ASS Alberts As	5514 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.1 0.2 0.6 0.4 0.4 0.4 0.9 0.3 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.4 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.	3 6 11 8 10 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	133 20 30 21 30 6 111 30 6 50 9 22 24 24 27 37 26 7 11 7 24 -7 19 20 4 18 27 18 15 13 30 30 35 13 36 Year 17 12 6
CAC MASS Alberts MASS Alberts MASS Alberts MASS Alberts MASS CBM Except Poland Mass CBM Alberts Mass	5514 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.1 0.2 0.6 0.4 0.4 0.4 0.4 0.3 0.4 0.9 0.2 0.0 0.1 0.9 0.2 0.0 0.1 0.9 0.9 0.7 0.7 0.4 0.8 0.9 0.9 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.4 0.0 0.0 1.6 0.3 0.6 0.5 1.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 11 8 10 3 5 7 5 5 6 6 5 5 5 5 6 6 5 5 5 5 6 6 5 5 5 5 6 6 5 5 5 5 6 6 5 5 5 6 6 7 8 8 1 6 6 7 8 8 6 7 7 9 9 7 7 6 6 5 6 6 5 6 6 5 6 6 6 5 6	133 20 300 61 11 300 650 38 9 22 Year 26 7 11 7 24 4 -7 19 20 4 22 8 8 15 13 30 30 35 13 36 Year 17 12 6 -12 Year
CAC MASS Alberts ASS Alberts MASS CB Marope* Poland Metod Me	5514 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.1 0.2 0.6 0.4 0.4 0.4 0.3 0.4 0.9 0.2 0.0 0.1 0.1 0.2 0.0 0.1 0.3 0.9 0.2 0.0 0.1 0.2 0.0 0.1 0.2 0.0 0.1 0.2 0.0 0.1 0.2 0.0 0.3 0.3 0.9 0.3 0.9 0.3 0.9 0.3 0.9 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.4 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.	3 6 11 8 10 3 3 5 7 7 5 5 6 5 5 5 6 6 5 6 6 6 1 1 6 6 7 7 8 8 8 7 7 9 9 7 7 6 6 8 1 1 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 5 6 6 7 7 8 8 8 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9	133 20 300 21 300 6 11 300 6 50 38 9 22 Year 24 29 7 7 17 7 24 29 8 18 27 15 9 16 18 15 13 30 35 16 Year 17 12 6 42 Year
CAC MASS Alberts ASS Alberts Model Ass Alberts Model Assay A	5514 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.1 0.2 0.2 0.6 0.4 0.4 0.4 0.5 0.5 0.7 0.1 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.4 0.0 0.0 1.6 0.3 0.6 1.5 1.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 11 8 8 10 3 3 5 7 7 5 5 6 5 5 5 6 6 5 5 6 6 5 6 6 7 7 8 8 8 7 7 9 7 6 6 8 1 1 6 6 5 10 9 9 13 9 9 9 9 9 9 13 3 9 9 9 9 13 3 9 9 9 9	133 20 300 21 300 6 111 300 6 500 38 9 22 Year 7 7 7 24 29 7 7 11 7 7 24 18 18 15 13 30 35 13 6 Year 17 12 6 42 Year 17 0 10
CACE SER GLEENS MASCI EM Europe* Poatrud Mostod Masci Guera SER GLEENS S	5514 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 8 3 4 8 3	0.1 0.1 0.2 0.6 0.2 0.6 0.4 0.4 0.5 0.2 0.6 0.5 0.2 0.6 0.6 0.6 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.0.2 2.1 1.4 1.6 0.0 1.6 0.3 0.6 0.7 1.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 111 8 100 3 3 5 7 5 5 6 6 6 6 6 6 7 8 8 8 11 6 6 7 7 6 5 5 6 6 8 11 0 0 10 10 10 10 10 10 10 10 10 10 10	133 20 300 301 300 6 6 111 30 300 305 305 305 305 305 305 305 305
CAC MASS Alberts ASS Alberts A	5514 8 8 8 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9	0.1 0.2 0.2 0.6 0.4 0.4 0.4 0.5 0.2 0.0 0.6 0.6 0.0 0.0 0.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0	.0.2 2.1 1.4 1.6 0.0 1.6 0.3 0.6 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 111 8 100 115 115 115 115 115 115 115 115 115	133 20 300 21 300 6 111 300 6 500 38 9 22 Year 7 7 7 24 29 7 7 11 7 7 24 18 18 15 13 30 35 13 6 Year 17 12 6 42 Year 17 0 10
CAC MASS Alleres ASS Alleres ASS Alleres ASS Alleres ASS Alleres ASS CAN MASS CA	5514 8 8 8 8 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9	0.1 0.2 0.6 0.2 0.6 0.4 0.4 0.4 0.7 0.9 0.2 0.7 0.3 0.7 0.3 0.7 0.3 0.7 0.7 0.3 0.7 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.4 0.0 1.6 0.3 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 111 8 100 110 110 110 110 110 110 110 1	133 200 300 211 300 6 6 111 300 6 500 38 9 22 24 29 7 7 7 111 7 24 4 22 8 18 15 13 30 30 35 13 36 Year 17 17 0 10 3 12 5 5
CAC MASS Albams ASS Albams ASS Albams ASS Albams ASS Albams Blowerpa (Basilo) Medod Me	5514 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.1 0.1 0.2 0.6 0.2 0.6 0.4 0.4 0.4 0.5 0.2 0.6 0.5 0.2 0.6 0.6 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.0	.0.2 2.1 1.4 1.6 0.0 0.0 1.6 0.0 0.6 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 111 8 100 115 115 115 115 115 115 115 115 115	133 20 300 301 300 6 6 111 30 300 30 500 30 8 8 9 22 27 9 37 7 26 7 7 111 7 7 20 4 7 9 10 10 10 10 10 10 10 10 10 10 10 10 10
CAC MASS Alberts ASS Alberts Alberts Ass Alberts Alberts Ass Alberts Alberts Ass Alberts Alberts Ass A	5514 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.1 0.2 0.2 0.6 0.4 0.4 0.4 0.4 0.5 0.9 0.5 0.2 0.6 0.6 0.6 0.5 0.2 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 2.1 1.44 1.06 1.06 1.07 1.08 1.08 1.09 1.09 1.09 1.09 1.09 1.09 1.09 1.09	3 6 111 8 100 111 11 11 11 11 11 11 11 11 11 11 1	133 20 300 21 300 6 11 300 6 500 38 9 22 27 24 24 27 26 6 7 11 7 24 -7 19 20 4 22 8 8 27 15 13 30 35 16 18 7 17 12 6 10 10 10 10 11 11 12 12 12 13 14 15 15 15 15 15 15 15 15 15 16 17 17 17 18 18 18 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10
CACE SEX Allers SEX Allers SEX Education SEX Education SEX Education SEX Education SEX Education SEX Education Most Data Most Data Most Data SEX Education SEX	5514 88348 83348 8	0.1 0.2 0.2 0.6 0.4 0.4 0.8 0.5 0.2 0.6 0.6 0.5 0.2 0.6 0.6 0.6 0.5 0.2 0.6 0.6 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	.0.2 2.1 1.4 0.0 1.6 0.0 1.6 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 6 6 111 8 100 3 5 5 5 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5	133 200 300 211 300 6 6 111 300 6 500 38 9 9 22 27 7 117 7 26 7 19 20 4 4 29 27 15 9 16 18 15 13 30 30 35 31 36 4 7 7 7 12 6 12 7 12 12 12 13 13 13 16 7 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
CACE ASS Albams ASS Albams ASS Albams ASS Albams Bowerpa (Basilo) Mectod Mectod	5514 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.1 0.2 0.2 0.6 0.4 0.4 0.4 1.9 0.2 0.2 0.6 0.5 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	.0.2 2.1 1.44 0.03 0.6 0.5 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 111 3 1 10 1 10 1 10 1 10 1 10 1 10	133 20 300 301 313 300 6 6 111 300 8 500 338 38 22 Year 17 7 26 7 11 7 20 20 24 4 7 19 20 10 31 36 18 18 18 16 18 18 17 17 12 26 41 27 17 16 10 10 10 11 11 11 11 11 11 11 11 11 11
CAC MASS Afference ASS Afferen	5514 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.1 0.2 0.2 0.6 0.4 0.4 0.4 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	.0.2 2.1 1.4 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 0.0	3 6 111 8 100 111 11 11 11 11 11 11 11 11 11 11 1	133 200 300 211 300 6 6 111 300 0 500 38 9 9 22 27 7 26 6 7 11 7 7 4 22 8 18 18 15 13 30 30 35 13 36 Vessir 17 7 17 0 0 0 12 12 12 12 15 15 15 16 17 17 0 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
CAC MASS CALLERS SERVICES SERV	5514 883 88.148	0.1 0.2 0.2 0.6 0.4 0.4 0.5 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	.0.2 2.1 1.44 0.0.3 1.6 1.6 0.6 2.5 1.5 0.5 0.7 0.7 2.7 0.7 2.7 0.8 2.2 2.4 4.0 0.3 3.2 3.4 4.0 0.3 3.2 3.4 4.0 0.3 3.2 3.4 4.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	3 6 111 3 100 110 110 110 110 110 110 110 1	133 200 300 211 300 61 61 61 61 61 62 7 7 117 7 20 20 24 24 24 24 29 27 37 37 26 7 111 7 20 20 20 21 21 21 21 22 22 27 37 37 36 67 7 11 7 7 10 10 3 11 22 22 24 24 25 35 35 31 30 6 7 7 11 7 12 12 12 12 12 13 13 13 13 13 13 13 14 15 15 17 17 17 18 18 18 18 18 18 19 16 18 18 18 17 17 17 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
CAC MARCHAN MASC Address MA	5514 6 6 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.1 0.2 0.2 0.4 4 0.4 1.9 0.2 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	.0.2 2.1 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	3 6 111 3 5 5 5 6 6 5 5 6 6 5 5 6 6 6 6 6 6 6 6	133 200 300 211 300 66 67 309 98 92 22 Year 111 77 120 81 181 133 300 355 133 66 27 71 112 67 71 112 70 00 31 125 5 5 5 5 5 5 5 7 7 6 7 7 7 7 7 7 7 7 7
CAC MASS Afference ASS Afferen	5514 883 88.148	0.1 0.2 0.2 0.6 0.4 0.4 0.5 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	.0.2 2.1 1.44 0.0.3 1.6 1.6 0.6 2.5 1.5 0.5 0.7 0.7 2.7 0.7 2.7 0.8 2.2 2.4 4.0 0.3 3.2 3.4 4.0 0.3 3.2 3.4 4.0 0.3 3.2 3.4 4.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	3 6 111 3 100 110 110 110 110 110 110 110 1	133 200 300 211 300 61 61 61 61 61 62 7 7 117 7 20 20 24 24 24 24 29 27 37 37 26 7 111 7 20 20 20 21 21 21 21 22 22 27 37 37 36 67 7 11 7 7 10 10 3 11 22 22 24 24 25 35 35 31 30 6 7 7 11 7 12 12 12 12 12 13 13 13 13 13 13 13 14 15 15 17 17 17 18 18 18 18 18 18 19 16 18 18 18 17 17 17 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19



Source: Bloomberg, Datastream and Haver

* With one day delay

DISCLAIMER

This document and the information, opinions, estimates and recommendations expressed herein, have been prepared by Banco Bilbao Vizcaya Argentaria, S.A. (hereinafter called "BBVA") to provide its customers with general information regarding the date of issue of the report and are subject to changes without prior notice. BBVA is not liable for giving notice of such changes or for updating the contents hereof.

This document and its contents do not constitute an offer, invitation or solicitation to purchase or subscribe to any securities or other instruments, or to undertake or divest investments. Neither shall this document nor its contents form the basis of any contract, commitment or decision of any kind.

Investors who have access to this document should be aware that the securities, instruments or investments to which it refers may not be appropriate for them due to their specific investment goals, financial positions or risk profiles, as these have not been taken into account to prepare this report. Therefore, investors should make their own investment decisions considering the said circumstances and obtaining such specialized advice as may be necessary. The contents of this document are based upon information available to the public that has been obtained from sources considered to be reliable. However, such information has not been independently verified by BBVA and therefore no warranty, either express or implicit, is given regarding its accuracy, integrity or correctness. BBVA accepts no liability of any type for any direct or indirect losses arising from the use of the document or its contents. Investors should note that the past performance of securities or instruments or the historical results of investments do not guarantee future performance.

The market prices of securities or instruments or the results of investments could fluctuate against the interests of investors. Investors should be aware that they could even face a loss of their investment. Transactions in futures, options and securities or high-yield securities can involve high risks and are not appropriate for every investor. Indeed, in the case of some investments, the potential losses may exceed the amount of investment and, in such circumstances; investors may be required to pay more money to support those losses. Thus, before undertaking any transaction with these instruments, investors should be aware of their operation, as well as the rights, liabilities and risks implied by the same and the underlying stocks. Investors should also be aware that secondary markets for the said instruments may be limited or even not exist.

BBVA or any of its affiliates, as well as their respective executives and employees, may have a position in any of the securities or instruments referred to, directly or indirectly, in this document, or in any other related thereto; they may trade for their own account or for third-party account in those securities, provide consulting or other services to the issuer of the aforementioned securities or instruments or to companies related thereto or to their shareholders, executives or employees, or may have interests or perform transactions in those securities or instruments or related investments before or after the publication of this report, to the extent permitted by the applicable law.

BBVA or any of its affiliates' salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to its clients that reflect opinions that are contrary to the opinions expressed herein. Furthermore, BBVA or any of its affiliates' proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. No part of this document may be (i) copied, photocopied or duplicated by any other form or means (ii) redistributed or (iii) quoted, without the prior written consent of BBVA. No part of this report may be copied, conveyed, distributed or furnished to any person or entity in any country (or persons or entities in the same) in which its distribution is prohibited by law. Failure to comply with these restrictions may breach the laws of the relevant jurisdiction.

In the United Kingdom, this document is directed only at persons who (i) have professional experience in matters relating to investments falling within article 19(5) of the financial services and markets act 2000 (financial promotion) order 2005 (as amended, the "financial promotion order"), (ii) are persons falling within article 49(2) (a) to (d) ("high net worth companies, unincorporated associations, etc.") Of the financial promotion order, or (iii) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the financial services and markets act 2000) may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons"). This document is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is available only to relevant persons and will be engaged in only with relevant persons. The remuneration system concerning the analyst/s author/s of this report is based on multiple criteria, including the revenues obtained by BBVA and, indirectly, the results of BBVA Group in the fiscal year, which, in turn, include the results generated by the investment banking business; nevertheless, they do not receive any remuneration based on revenues from any specific transaction in investment banking.

BBVA is not a member of the FINRA and is not subject to the rules of disclosure affecting such members.

"BBVA is subject to the BBVA Group Code of Conduct for Security Market Operations which, among other regulations, includes rules to prevent and avoid conflicts of interests with the ratings given, including information barriers. The BBVA Group Code of Conduct for Security Market Operations is available for reference at the following web site: www.bbva.com / Corporate Governance".

BBVA is a bank supervised by the Bank of Spain and by Spain's Stock Exchange Commission (CNMV), registered with the Bank of Spain with number 0182.

