

## Market Comment | Higher stock prices amid positive corporate results

Global Financial Markets Unit 01 Aug 2017

- Financial markets continued to be steady during the first day of August, although the mood was slightly more positive on the back of encouraging corporate earnings reports. Moreover, today Apple's earning results will be released and may have a significant impact on markets, especially in the technology sector.
- The EUR remained steady above the 1.18 level, after EZ GDP Q2 figures were in line with expectations (see), confirming the upswing momentum of the EZ economy, giving some grounds for the ECB to announce some changes in its monetary policy stance in the autumn. The USD also remained steady despite July's ISM Manufacturing continuing to show solid expansion, (see) albeit moderated slightly from the previous month. The GBP reached 11-month highs after manufacturing growth accelerated for the first time in three months (see), ahead of the BoE monetary policy meeting scheduled for this Thursday.
- Sovereign bond yields inched down, while stock prices increased on the back of positive earnings results (<u>see</u>). The Dow Jones reached another record high. In addition, the China Caixin Manufacturing PMI was better than expected (<u>see</u>), supporting confidence in the global economy. European stocks were among the standout performers, after the EUR inched down and following yesterday's fall in stock prices.
- Oil prices declined today given signs of increasing OPEC oil production in July despite a deal to cut
  output (see). Nonetheless, oil prices remained above the \$50 level, while EM currencies remained
  steady.

Update 18 CET 31 July, 2017 Table 1



D ebt markets	( 10Y % ct	annes in t	n)		
Developed Markets US (2-yr)	level 1.34	Daily -0.6	Week -4.7	Month	YTD
US	2.26	-3.6	-7.7	-5	-18
GER (2-yr) Germany	-0.70 0.49	-1.6 -5.5	-4.6 -7.8	-12 2	14
France Spain	0.75 1.46	-5.7 -4.4	-7.0 -9.6	-7 -8	-7 -6
Italy Portugal	2.02	-7.3 -4.4	-12.5	-14 -19	15 -134
Greece	5.45	5.6	-14.4 15.3	3	-143
Japan (2-yr) Japan	-0.11 0.08	0.0	-0.9 -0.8	1	8
Emerging Markets Brazil	9.97	Daily -2.2	Weekly -13.4	Monthly 57	-144
Chile	4.29	-0.2	-0.9	-57 13	-4
Colombia Mexico	6.78 6.85	-3.7 -1.4 -0.7	-2.8 -3.6	36 6	-31 -79
Peru Poland	5.34 3.36	-0.7 -0.7	-3.6 4.4	-1 -4	-113 -36
Russia	7.89 10.30	2.6	-9.3	-2 3	-56 -70
Turkey India	6.44	-4.0 -2.7	-5.0 1.2	-7	6
Indonesia Country ri	6.93 sk (bp. chano	-2,6 jes in bp)	-1.3	10	-92
Developed Markets	level	Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	26	-0.2	0.8	-9	-20
Italy Portugal	153	-1.8	-4.7 -6.6	-16	2 -119
Spain	97	1.1	-1.8	-21 -11	-119
2-yr so vereign spread vs Germany France	20	-3.3	-5.7	1	10
Italy	47	-1.3	0.3	0	-14
Portugal Spain	78 35	-2.3 -1.5	2.5 -4.8	7	-69 -13
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr so vereign CDS * Brazil	207	-3.8	-5	-34	-65
Chile Colombia	65 125	-1.3 -3.4	-2 -10	-2 -12	-17 -38
Mexico	102	4.1	-5	-12	-55
Peru Venezuela	80 5,761	-2.7 220.1	-5 520	-8 1558	-28 1856
Poland	58	0.7	-2	-3	-17
Russia Turkey	163 181	0.9 -0.1	-2 -2	-5 -11	-13 -91
China India	64 81	0.1	-2 -4	-6 -8	-52 -46
Indonesia	112	0.2	-4 -4	-8 -5	-46 -44
Ri Volatilty indicators (%)	sk indicators level	Daily	Weeklu	Monthly	YTD
VIX	10	-0.6	8	-9	-2
VSTOXX EM EFT volatility Index	14 15	-2.5 -0.1	-1 -2	-21 -9	-3 -28
Dollar/euro volatility	8	1.9	11	13	-27
EM FX volatility index Credit spread (BAA) (bps)	7 210	-0.3 3.6	-1 6	-4 -3	-33 -17
US bonds volatility index	48	-0.8	-3	-13	-37
US	level 53	Daily 0.3	Weekly	Monthly 0	YTD -19
EZ UK	52 45	0.0	0	-5 4	-56 -45
Large Spanish	49	-0.4	-1	-8	-68
Medium Spanish Corporate 5y CDS (bps) *	92 level	-0.7 Daily	-3 Weekly	-8 Monthly	-59 YTD
US Non-financial	136	0.3	0	0	-19
EZ Non-financial UK Non-financial	74 108	0.0	0 -1	-5 -7	-56 -17
Interbank ma					
EONIA Index	-0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	9TD 0.0
Euribor 3m	-0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.15 1.31	0.00	0.0	0.0	-0.1 0.3
Libor 12m	1.73	0.00	0.0	0.0	0.0
	ck markets (				
			Weekly		YTD
Main indices S&P500	2.473	0.1	-0.2	2	9
S&P500 Dow Jones	21.961	0.1	-0.2 1.6	3	9 10
S&P500 Dow Jones Nikkei FTSE 100	21.961 19,986 7,431	0.1 0.3 0.3 0.8	-0.2 1.6 0.2 -0.1	2 3 0 2	9 10 2 3
S&P500 Dow Jones Nideel FTSE 100 EuroStoxx 50	21,961 19,986 7,431 3,482	0.1 0.3 0.3 0.8 0.9	-0.2 1.6 0.2 -0.1 0.2	2 3 0 2	9 10 2 3 5
S&P500  Dow Jones  Nikkei  FTSE 100  EuroStoxx 50  IBBX  DAX	21.961 19,986 7,431 3,482 10,595 12,265	0.1 0.3 0.3 0.8 0.9 0.9	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0	2 3 0 2 1 1	9 10 2 3 5 12 6
S&P500 Dow Jones Nilderi FTSE 100 EuroStoxx 50 IBEX	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5	-0.2 1.6 0.2 -0.1 0.2 0.7	2 3 0 2 1	9 10 2 3 5
S&P500  Dow Jones Nikked  FTSE 100  IBEX  DAX  CAC  MIB  ASE Athens	21.961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0	2 3 0 2 1 1 0 0 5	9 10 2 3 5 12 6 5 10 24
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespe (Brazi0	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	2 3 0 2 1 1 0 0 5 -1 5	9 10 2 3 5 12 6 5 10 24 8
SAP500 Dow Jones Nikol FTSE 100 EuroStoxx 50 IBEX DAX CAC AC ASE	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	2 3 0 2 1 1 0 0 5 -1 5	9 10 2 3 5 12 6 5 10 24 8
SAP500 Dowl Jones Nikkel FFES 100 EuroStoux S 0 IBIX  DAX CAK MIR	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1
\$4P00 Dowl Jones Notes  Notes  FEET 100  Eart Store  ANA  ANA  ANA  ANA  ANA  ANA  ANA  A	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5	0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39
SAEPBO Dowl Jones Notes TEST 100 Eard Silve Silv	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4	0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 14 39 23
\$4P00 Dowl Jones Notes  Notes  FEET 100  Eart Store  ANA  ANA  ANA  ANA  ANA  ANA  ANA  A	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6 0.6	0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4
SAPPOO Down Jones Noted To Down Jones Noted To Down Jones Noted To Down Jones BEX DAX CAC MAS ARMENT Market	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6	0.2 1.6 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 0.9 0.9 0.9 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4
\$4P00 Down Jones Noted FFSE TIOD DAY DAY DAY DAY DAY DAY DAY DAY DAY DA	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 106,147 857 3,293 5,805 level 125,7 92,8	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 6 6 4 3 0 Monthly 3 2	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD
\$4P00 Dowl Jones Noted FFEST 100 - 1	21,961 19,986 7,431 3,482 10,595 51,366 21,585 818 79,215 66,255 51,307 4,933 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4	0.1 0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6 0.4 0.9 1.1 0.6 0.7 0.1 1.1 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-0.2 1.6 0.2 -0.1 0.2 -0.7 0.0 -0.5 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.5 0.1 0.9 -0.8 0.9 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 0.9 -0.8 -0.8 0.9 -0.8 -	2 3 0 2 1 1 0 0 5 5 5 3 3 4 3 6 4 3 0 0 Monthly 3 2	9 10 2 3 5 12 6 5 10 24 8 10 -1 19 -14 39 23 4 10 YTD 5 7
SAEPBO Down Jones Naket	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,397 4,983 2,386 19,40 106,147 87 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2	0.1 0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 -0.4 -0.4 -0.8 1.0 0.8 -0.9 1.2 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 1.6 0.2 -0.1 0.2 -0.7 0.0 0.5 -0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.5 -0.9 2.7	2 3 0 2 1 1 0 0 0 5 -1 5 5 3 3 4 4 3 3 6 4 4 3 3 0 Monthly 3 2 2 3 0 6	9 10 2 3 5 12 6 5 10 24 8 8 10 19 -11 19 -11 4 10 7 10 7 10 7 12 6 8
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\$4P00 Down Jones Noted FFSET 100 Down Jones Noted Down Jones Noted Down Jones	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,86 69,90 24,4 47,2 227,7 116,5 66,95 12,7 92,86 12,7 92,86 12,7 92,10 12,7 92,10 12,7 92,10 12,7 92,10 12,7 93,10 14,9 14,9 14,9	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.7 0.6 0.3 0.5 0.1 1.1 1.3 0.6 0.6 0.4 0.9 1.1 0.6 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.2 1.5 0.1 0.5 0.6 0.0 0.4 1.9 0.9 0.2 0.1 0.0 0.4 0.9 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 0 2 1 1 1 1 0 0 5 5 5 5 3 3 4 4 3 3 6 6 4 4 3 3 2 2 3 0 0 6 3 3 5 6 6 6 6 6	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 23 4 4 10 YTD 5 7 7 12 6 8 8 -6 10 6 21
SAEPBO Down Jones Noted: Noted	21,961 19,962 7,431 3,482 10,595 12,265 5,136 62,1585 818 79,215 66,255 1,307 4,983 2,386 1,940 105,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 69,9 14,9 15,3	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.5 1.0 0.8 0.9 1.0 0.8 0.1 0.5 0.7 0.1 0.5 0.6 0.7 0.7 0.1 0.5 0.6 0.7 0.7 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.3 0.4 0.9 0.8 0.4 1.9 0.9 0.1 Weekly 0.6 0.0 0.7 0.0 0.4 0.5 0.4 0.5 0.5 0.6 0.7 0.7 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 0 0 Monthly 3 2 2 3 0 6 6 3 5 5 6 6 6 6 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7 12 6 8 8 -6 10 6 6 21 6 6
SAPPOO DOWN Jones Noted: Noted	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1940 106,147 857 3,293 5,805 1,805 12,407 125,707 12	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 1.1 1.3 0.6 1.0 0.9 0.9 0.9 0.9 0.8 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 1.6 0.2 0.1 1.6 0.2 0.2 0.1 1.6 0.2 0.2 0.7 0.0 0.5 0.6 0.2 0.7 0.0 0.4 0.9 0.8 0.4 0.4 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 4 4 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 5 12 6 6 5 10 10 14 4 8 8 10 11 14 4 10 15 7 7 12 6 8 8 6 10 6 6 15 14 14 14 6 15 14 14 15 16 16 16 15 14 14 16 15 16 16 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
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SAPPOO DOWN Jones Noted Noted Noted Noted DOWN Jones Noted DOWN JONES DOWN JONES DOWN JONES DOWN JONES DOWN JONES MSC Latam * Blowcepa (Illinoi) Mobbil Mobb	21,961 19,986 7,431 3,482 10,595 12,265 51,36 21,585 66,255 51,307 4,583 2,386 1,940 106,147 857 3,293 5,805 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,3 15,3 15,3 15,3 15,3 15,3 15,3	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.1 0.5 0.5 0.6 0.5 0.6 0.3 0.5 0.3 0.5 0.6 0.3 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.1 1.6 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.6 0.5 0.4 0.9 0.8 0.4 1.9 0.2 1.5 0.1 Westly 0.6 0.0 1.4 0.5 0.9 0.2 1.5 0.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	2 3 3 0 0 2 1 1 1 1 0 0 5 -1 1 5 5 3 3 4 4 3 3 6 6 4 4 3 3 0 6 6 3 5 6 6 6 6 1 1 6 6 4 7 7 2 3 3	9 10 2 3 5 5 12 6 6 5 10 24 8 8 8 10 -1 19 19 11 19 11 19 11 11 19 11 11 10 10
SAPPOO DOWN Jones Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Noted Note	2.1.961 7.431 10.996 7.431 10.995 12.205 12.205 12.205 12.205 12.205 12.205 13.805 12.205 13.805 13.	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.7 0.1 0.6 0.6 0.3 0.5 0.7 0.7 0.1 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.7 0.0 0.5 0.6 0.4 0.9 0.8 0.4 1.9 0.8 0.2 1.5 0.1 0.6 0.2 1.5 0.1 1.4 1.1 1.2 1.6 0.2 0.5 0.9 0.9 0.8 0.1 1.4 1.6 0.2 0.7 0.4 1.9 1.9 0.8 0.1 1.4 1.6 0.2 0.7 0.4 1.9 0.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 3 3 0 2 1 1 1 0 0 0 5 -1 1 5 5 3 3 4 4 3 3 0 0 4 3 3 5 6 6 6 4 4 7 2 2 3 3 8 2 2	9 10 2 3 5 12 6 6 5 10 24 8 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOWN Jones Noted	2.1961 7.431 19.986 7.431 10.995 5.136 5.1	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.7 0.1 0.6 0.3 0.5 0.7 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2	2 3 0 2 1 1 1 0 0 0 5 1 1 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 Monthly 3 2 2 3 3 0 6 6 1 1 6 6 4 7 7 2 3 3 8	9 10 2 3 5 12 6 6 5 10 24 8 8 10 -1 -19 19 23 4 10 YTD 5 7 12 6 6 6 10 6 21 -6 15 14 4 19 3 14
SAPPOO DOWN Jones Noted	21.961 7.431 10.996 7.431 10.995 5.136 5.136 66.255 818 82.25 11.95 818 4.98 12.96 12.97 1	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.3 0.4 0.6 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.1 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.1 1.4 0.5 0.5 0.1 1.8 1.6 0.2 2.7 0.4 0.5 0.5 0.1 1.4 1.5 0.5 0.5 0.1 1.8 1.5 0.5 0.5 0.1 1.8 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2 3 3 0 2 1 1 1 0 0 0 5 5 5 3 3 3 4 4 3 3 6 6 4 4 3 3 0 6 6 3 3 5 5 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 8 2 2 2 1 5 5	9 10 2 3 5 12 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOWN Jones Noted Noted Noted Down Jones Noted	21,961 7,431 10,996 7,431 10,595 5,136 5,1	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.7 0.0 0.7 0.0 0.5 0.6 0.5 0.9 0.8 0.4 1.9 0.8 0.2 1.5 0.0 0.1 1.4 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2 3 3 0 2 1 1 1 0 0 0 5 5 5 3 3 3 4 4 3 3 0 0 4 3 3 5 5 6 6 6 1 1 6 6 4 7 7 2 3 3 8 2 2 2 1 1 5 5 2 7	9 10 2 3 5 5 12 6 5 10 24 8 8 10 11 19 12 3 4 10 11 10 10
SAPPOO DOWN Jones Noted	21,961 7,431 10,996 7,431 10,995 5,136 6,130 11,265 5,136 6,130 12,265 13,270 106,147 1,270 1,27	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.5 0.6 0.3 0.7 0.1 0.6 0.3 0.7 0.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 1.6 0.2 0.7 0.0 0.5 0.6 0.2 0.2 0.2 0.2 1.3 0.0 0.2 1.1 1.1 1.2 0.2 1.3 1.1 1.2 0.2 1.3 1.5 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 3 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 0 6 4 3 3 0 6 6 4 7 7 2 3 3 8 2 2 2 7 7 4	9 10 2 3 5 5 12 6 5 10 24 8 8 8 10 11 11 11 11 11 11 11 11 11 11 11 11
SAPPOO DOWN Jones Noted	21,961 7,431 10,996 7,431 10,595 5,139 7,412 10,595 5,139 7,215 11,205 1	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.1 1.3 0.8 0.9 1.1 0.8 0.9 0.9 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	0.2 1.6 0.2 0.7 0.0 0.4 1.9 0.8 0.2 1.5 0.1 1.4 1.6 0.2 2.6 1.8 0.1 1.1 1.2 2.2 1.3 1.6 0.2 2.6 0.7 0.4 1.5 0.2 2.6 0.7 0.7 0.9 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 0 6 4 3 3 2 2 3 3 0 6 6 4 4 7 7 2 3 3 8 8 2 2 2 7 4 4 6 6 7	9 10 2 3 5 5 12 6 5 10 24 8 8 10 1 19 12 23 4 10 11 19 12 23 4 10 11 19 12 6 8 6 6 10 6 8 16 17 11 18 11 18 16 20 14 36 38
SAPPOO DOWN Jones Noted	21,961 7,431 19,966 7,431 10,595 7,431 10,595 7,438 7,432 7,438 7,	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.1 1.3 0.8 0.9 1.1 0.8 0.9 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	0.2 1.6 0.2 0.7 0.0 0.4 1.9 0.2 1.5 0.1 1.4 0.2 2.6 1.8 0.1 1.8 1.16 0.2 2.6 0.2 0.4 1.5 0.2 2.6 0.2 0.4 1.9 0.2 2.7 0.4 1.9 0.2 2.7 0.4 1.9 0.2 2.7 0.4 1.9 0.2 2.7 0.4 1.9 0.2 2.7 0.4 1.9 0.2 2.7 0.4 1.9 0.2 2.7 0.4 1.5 0.2 2.6 0.2 0.4 1.5 0.2 2.6 0.2 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.7 0.8 1.5 0.2 2.6 0.7 0.8 1.5 0.2 2.6 0.7 0.8 1.5 0.2 2.6 0.7 0.8 1.5 0.2 2.6 0.7 0.8 1.5 0.2 2.6 0.7 0.8 1.5 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.6 0.7 0.2 2.0 0.7 0.2 2.0 0.2 2.0 0.7 0.2 2.0 0	2 3 3 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 6 4 4 3 3 5 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 7 4 6 6 6	9 10 2 3 3 5 12 6 5 10 24 8 8 10 11 19 12 3 4 10 11 19 12 3 4 10 11 19 11 14 17 11 18 16 20 14 36 36 36 36 36 36 36 36 36 36 36 36 36
SAPPOO DOWN JONES NOME NOME NOME NOME NOME NOME NOME NOME	21,961 7,431 19,966 7,431 10,595 7,431 10,595 7,438 7,432 7,438 7,	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.6 0.7 0.1 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.6 0.7 0.1 0.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.5 0.6 0.6 0.7 0.6 0.7 0.6 0.8 0.6 0.7 0.6 0.6 0.6 0.7 0.7 0.0 0.6 0.8 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 2 1 1 1 0 0 5 5 1 3 3 4 3 3 6 4 3 3 6 4 3 3 5 6 6 6 6 6 6 6 6 6 6 7 7 2 2 2 2	9 10 2 3 5 5 12 6 5 10 12 6 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOWN Jones I Noted I No	21,961 7,431 19,966 7,431 10,996 7,431 10,996 7,431 10,996 11,286	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.6 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.4 0.6 0.4 0.6 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.1 1.1 1.2 0.0 0.0 0.2 0.2 0.2 0.3 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.1 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 0 5 1 1 5 5 5 3 3 3 4 3 3 6 6 6 6 6 6 6 6 7 2 2 2 2 1 1 5 5 2 7 4 4 6 6 7 2 2 2 2 Monthly	9 10 2 3 5 12 6 6 10 12 12 6 6 10 12 12 6 10 12 12 12 12 12 12 12 12 12 12 12 12 12
SAPPBO Down Jones Noted	21,961 7,431 10,986 7,431 10,582 7,431 10,582 7,431 10,582 7,431 7,432 7	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.6 0.9 1.2 0.6 0.6 0.5 1.1 0.6 0.6 0.5 1.1 1.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 0 6 4 3 3 2 3 6 6 4 4 7 7 2 2 3 1 5 5 2 7 7 4 4 6 6 7 7 2 2 2 1 1 5 5 2 7 7 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 5 12 6 5 10 10 11 12 6 6 10 10 11 14 10 11 14 10 11 14 10 11 14 10 11 11 11 11 11 11 11 11 11 11 11 11
SAPPBO	21,961 7,431 19,966 7,431 10,598 7,431 10,598 21,105 21,10	0.1 0.3 0.3 0.3 0.3 0.5 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.7 1.1 0.5 0.6 0.3 0.5 1.1 1.1 1.2 0.0 0.0 0.2 0.2 0.2 0.2 0.3 0.3 0.4 0.5 0.5 1.1 1.1 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.2 1.6 0.2 0.1 1.6 0.2 0.2 0.2 0.2 0.2 0.5 0.4 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 1 1 1 5 5 3 3 3 4 4 3 3 0 0 1 1 1 1 5 5 5 3 3 3 4 4 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 5 12 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPO Down Jones INSECTION	21,961 7,431 1,1096 7,431 1,1096 7,431 1,1096 7,431 1,1096	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.9 1.2 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 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	0.2 1.6 0.2 0.1 1.6 0.2 0.2 0.2 0.2 0.2 0.5 0.4 0.9 0.8 0.4 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 - 1 1 5 5 5 3 3 4 4 3 6 4 4 3 3 0 6 6 3 3 5 5 6 6 6 - 1 1 6 6 6 6 6 1 1 5 5 2 7 4 4 6 7 2 2 2 2 - 1 1 5 5 2 7 7 4 6 7 7 2 2 2 2 - 1 1 5 5 2 7 7 4 6 7 7 2 2 7 Monthly 3.3 1.4 - 1.9 2 7 Monthly 5.8 8	9 10 2 3 5 12 6 6 10 10 11 12 6 8 8 6 10 10 10 12 16 8 8 6 10 10 11 11 11 11 11 11 11 11 11 11 11
SAPPOO DOWN Jones Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Noted Note	21,961 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 10,98	0.1 0.3 0.3 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.7 0.1 1.3 0.6 0.5 0.7 0.1 1.3 0.6 0.6 0.3 0.7 0.1 1.3 0.6 0.6 0.7 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 1.6 0.2 0.1 0.0 0.0 0.5 0.5 0.6 0.0 0.4 0.9 0.9 0.8 0.4 0.9 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 - 1 1 5 5 5 3 3 2 4 4 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 5 7 10 24 8 8 6 10 11 11 14 4 19 3 3 4 4 1 1 1 18 6 20 1 14 4 4 9 9 6 6 15 14 4 5 6 6 9 9 10 1 13 3 8 9 6 6
SAPPBO	221,961 19,966 7,431 3,142 3,143 3,1	0.1 0.3 0.3 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.1 0.6 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.7 0.1 1.3 0.6 0.6 0.5 0.7 1.1 1.3 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 1.6 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2 3 3 0 2 1 1 1 0 0 5 - 1 1 5 5 5 3 3 2 4 4 3 3 0 0 0 0 6 3 3 0 6 6 6 6 1 6 6 4 7 7 2 2 3 8 8 2 2 2 7 4 4 6 6 7 2 2 3 8 8 2 2 2 7 4 4 6 6 7 7 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 3 5 5 12 6 6 5 10 24 4 1 19 1 10 1 10 1 10 1 10 1 10 1 10 1
SAPPBO DOWN Jones Noted	21,961 7,431 10,986 7,431 10,986 7,431 10,986 21,985 81,941 81,941 10,94	0.1 0.3 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.5 0.7 0.1 0.5 0.7 0.7 0.1 0.5 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.9 0.9 0.1 0.0 0.8 0.9 0.9 0.1 0.0 0.8 0.9 0.9 0.9 0.1 0.0 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.1 1.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 3 3 3 3 3 3 3 3 3 7 7 5 6 9 9 17 7 17 17 17 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPOO DOWN Jones Noted	21,961 7,431 10,986 7,431 10,986 7,431 10,986 21,98	0.1 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	0.2 1.6 0.2 0.1 1.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 3 3 0 1 1 1 1 0 0 0 5 1 1 1 0 0 0 5 5 1 1 5 5 5 3 3 3 4 4 4 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 3 5 12 6 6 5 10 24 8 8 8 8 10 1-1 19 114 10 15 7 7 112 6 6 8 6 6 10 115 115 115 115 115 115 115 115 115
SAPPO DOWN Jones Noted N	221,961 19,966 7,431 3,1402 3,1402 3,1402 3,120 4,983 3,120 4,983 3,120 4,983 3,120 4,983 3,120 4,983 3,120 4,983	0.1 0.3 0.3 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.5 0.7 0.1 0.5 0.7 0.1 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 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.2 0.5 0.4 0.9 0.2 1.5 0.2 0.1 1.4 0.5 0.2 0.2 1.5 0.2 0.2 1.5 0.2 0.2 1.5 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 1 0 0 0 5 1 1 5 5 3 3 4 4 3 3 6 4 4 3 3 6 4 4 3 3 6 6 6 6	9 10 2 3 3 5 5 7 7 12 2 6 6 6 10 6 6 6 1 10 8 6 6 6 10 10 11 11 11 12 12 12 12 12 12 12 12 12 12
SAPPO DOWN Jones Noted N	221,961 10,966 7,431 10,966 7,431 10,968 10,968 10,968 10,969 10,	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.6 0.5 0.6 0.5 0.6 0.7 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 1 1 1 0 0 0 5 1 1 1 1 0 0 0 5 1 1 1 1	9 10 2 2 3 5 5 12 6 6 5 10 6 6 10 6 6 10 6 6 6 6 6 6 6 6 6 6 6
SAPPOO DOWN Jones Noted	221,961 10,986 7,431 10,986 7,431 10,986 7,431 10,986 21,985 21,985 81,941 10,9	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 0 0 1 1 1 0 0 0 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 2 3 3 5 5 5 10 2 4 4 8 8 8 10 0 1 19 9 2 3 3 4 4 1 19 9 2 3 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1
SAPPOO DOWN Jones I Noted I No	21,961 7,431 1,19,966 7,431 1,10,966 7,431 1,10,966 1,10,967 1,10,967 1,10,967 1,10,967 1,10,967 1,10,97 1,10,	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 2 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 2 2 3 3 3 3 0 0 7 7 14 0 2 2 3 3 3 0 0 7 7 14 0 2 2 3 3 3 0 0 7 7 14 0 0 2 2 3 3 5 1 17 7 18 18 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
SAPPOO DOWN Jones Noted	221,961 10,986 7,431 10,986 7,431 10,986 7,431 10,986 21,985 21,985 81,941 10,9	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 1 1 1 0 0 0 5 5 1 1 5 5 5 3 3 4 4 3 3 6 6 4 4 3 3 8 6 6 6 6 6 6 6 6 6 6 6 6 7 2 2 3 6 6 6 6 7 2 2 3 1 1 4 6 7 2 2 1 2 2 1 1 1 2 2 2 1 1 1 2 2 2 2 1	9 10 2 2 3 3 3 3 0 0 17 4 4 4 4 4 4 19 3 3 3 3 3 0 0 17 4 4 4 4 19 3 3 3 3 0 0 17 4 4 4 19 3 3 3 3 0 0 17 4 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 0 0 17 4 4 19 3 3 3 3 3 0 0 17 4 4 19 3 3 3 3 3 0 0 17 4 4 19 3 3 3 3 3 0 0 17 4 4 19 3 3 3 3 3 0 0 17 4 4 19 3 3 3 3 3 0 0 17 4 19 3 3 3 3 3 0 0 17 4 19 3 3 3 3 3 0 0 17 4 19 3 3 3 3 3 0 0 17 4 19 3 3 3 3 3 3 0 0 17 4 19 3 3 3 3 3 3 0 0 17 4 19 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
SAPPOO DOWN Jones Noted	21,961 7,431 10,986 7,431 10,986 7,431 10,986 7,431 10,986 21,585 84 7,9215 1,980 1,	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1.2 0.5 0.6 0.5 0.6 0.5 0.6 0.7 0.7 0.1 1.1 1.1 1.2 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.6 0.8 1.0 0.8 1.0 0.8 1.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	0.2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 2 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 2 2 3 3 3 3 0 0 7 7 4 4 0 2 2 3 3 6 1 1 7 7 4 4 0 2 2 3 3 6 1 1 7 7 4 4 0 2 2 3 3 6 1 1 7 7 4 4 0 2 2 3 3 6 1 1 7 7 7 1 7 1 4 0 2 2 3 3 6 1 1 7 7 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7
SAPPOO DOWN Jones I Need I Nee	221,961 19,966 7,431 3,140 3,1	0.1 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 0 1 1 1 0 0 0 5 5 1 1 5 5 3 3 4 4 3 3 6 6 4 4 3 3 6 6 6 6 6 6 6 6	9 12 2 3 5 5 12 2 6 6 8 110 12 12 14 15 12 12 16 6 6 12 11 19 12 12 18 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted	221,961 7,431 11,996 7,431 11,996 7,431 11,024 11,025 11,025 11,027 11,037 11,0	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0-2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 1 1 1 0 0 0 5 5 1 5 5 5 3 3 4 4 3 3 6 6 4 4 3 3 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9 10 2 2 3 3 3 3 3 7 4 4 4 4 9 9 6 6 1 1 7 4 7 6 6 9 9 9 9 1 7 7 1 7 1 7 1 4 0 2 2 3 3 6 6 1 1 7 7 1 7 1 7 1 4 0 2 2 3 3 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
SAPPOO DOWN Jones Noted	221,961 19,966 7,431 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,142 3,143 3,143 3,143 4,144 3,144 4,1	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-2 1.6 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 1 1 1 0 0 0 5 5 1 1 5 5 5 5 1 1 5 5 5 5	9 10 2 3 3 5 12 6 6 8 8 8 10 1 19 19
SAPPOO DOWN Jones Noted	221,961 7,431 11,996 7,431 11,996 7,431 11,024 11,025 11,025 11,027 11,037 11,0	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0-2 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 2 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 1 1 1 1	9 10 2 3 3 5 5 5 7 12 6 6 6 6 10 1 2 1 1 8 6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt market	s (10Y.%.d	anges in t	ip) Week	Month	VTD
US (2-yr) US	1.34	-0.6 -3.6	-4.7 -7.7	-4 -5	13 -18
GER (2-yr) Germany	-0.70 0.49	-1.6 -5.5	-4.6 -7.8	-12	8 14
France Spain	0.75 1.46	-5.7 -4.4	-7.0 -9.6	-7 -8	-7 -6
Italy Portugal	2.02	-7.3 -4.4	-12.5 -14.4	-14 -19	15
Greece Japan (2-yr)	5.45	5.6	15.3	3	-134 -143 -8
lapan (2-yr) Iapan Emerging Markets	0.08	0.2	-0.8	- 1	- 1
Brazil	9.97	Daily -2.2	Weekly -13.4	Monthly -57	-144
Chile Colombia	4.29 6.78	-0.2 -3.7	-0.9 -2.8	13 36	-4 -31
Mexico Peru	6.85 5.34	-1.4 -0.7	-3.6 -3.6	-1	-79 -113
Poland Russia	3.36 7.89	-0.7 2.6	4.4 -9.3	-4 -2	-36 -56
Furkey ndia	10.30	-4.0 -2.7	-5.0 1.2	3	-70 6
Indonesia	6.93	-2.6	-1.3	10	-92
Developed Markets	isk (bp. chanç level	es in bp) Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	26	-0.2	0.8	-9	-20
taly	153	-1.8	-4.7	-16	2
Portugal Spain	235 97	1.1	-6.6 -1.8	-21 -11	-119 -11
2-yr so vereign spread vs Germany France	20	-3.3	-5.7	1	10
Italy	47 78	-1.3 -2.3	0.3 2.5	0 7	-14 -69
Portugal Spain	78 35	-2.3	-4.8	4	-13
Emerging Markets 5-vr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil	207	-3.8	-5	-34	-65
Chile Colombia	65 125	-1.3 -3.4	-2 -10	-2 -12	-17 -38
Mexico Peru	102 80	-1.1 -2.7	-5 -5	-12 -8	-55 -28
Venezuela	5,761	220.1	520	1558	185
Poland Russia	58 163	0.7	-2 -2	-3 -5	-17 -13
Turkey China	181 64	-0.1 0.1	-2 -2	-11 -6	-91 -52
India Indonesia	81 112	0.2	-4 -4	-8 -5	-46 -44
R	112 isk indicators		-4	-5	
Volatilty indicators (%)	level 10	Daily -0.6	Weekly 8	Monthly -9	YT0
VSTOXX	14	-2.5	-1	-21	-3
EM EFT volatility Index Dollar/euro volatility	15 8	-0.1 1.9	-2 11	-9 13	-28 -27
EM FX volatility index	7 210	-0.3	-4	-4 -3	-33 -17
Credit spread (BAA) (bps) US bonds volatility index	210 48	3.6 -0.8	-3	-13	-37
Banking 5 y CDS (bps) *	level 53	Daily 0.3	Weekly 0	Monthly 0	YT0
EZ UK	52 45	0.0	0	-5	-56 -45
Large Spanish	49	-0.1 -0.4	0 -1	-8	-68
Medium Spanish Corporate 5y CDS (tps) *	92 level	-0.7 Daily	-3 Weekly	-8 Monthly	-59 YTD
US Non-financial	136 74	0.3	0	0	-19
EZ Non-financial UK Non-financial	108	0.0	0 -1	-5 -7	-56 -17
Interbank m	arkets (%, ch	anges in b	Weekly	Monthly	YTD
EONIA Index	-0.35	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.15	0.00	0.0	0.0	0.0 -0.1
Libor 3m Libor 12m	1.31 1.73	0.00	0.0	0.0	0.3
	ck markets (				
Main indices	level	Daily	Weekly -0.2	Monthly	YTE
S&P500	2,473	0.1	-0.2	2	9
Dow Jones	21,961	0.3	1.6	3	10
Nikkei	21,961 19,986 7,431	0.3 0.3	1.6 0.2	0	10 2 3
Nikkei FTSE 100 EuroStoxx 50	19.986 7,431 3,482	0.3 0.8 0.9	0.2 -0.1 0.2	0 2 1	2 3 5
Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	19.986 7,431 3,482 10.595 12,265	0.3 0.8 0.9 0.9	0.2 -0.1 0.2 0.7 0.0	0 2 1 1 0	2 3 5 12 6
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC	19.986 7,431 3,482 10,595	0.3 0.8 0.9 0.9	0.2 -0.1 0.2 0.7	0 2 1	2 3 5
Nikkoli EuroStoxx 50 IBEX DAX CAC MIB MSASE Athens	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818	0.3 0.8 0.9 0.9 1.2 0.8 0.5	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0	0 2 1 1 0 0 5	2 3 5 12 6 5 10 24
Nikkel ETSE 100 EuroStoxx 50 BEX DAX CAC MIB ASE Athens MSCI Latam * Ibovepps (Bizzi)	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	0 2 1 1 0 0 5 -1 5	2 3 5 12 6 5 10 24 8
Vilkled FTSE 100 EuroStoux 50 BEX  DAX  CAC  MIB  MSC Latam*  Ibovepap (Brazi)  MobOl Hurope*	19.986 7,431 3,482 10.595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4	0 2 1 1 0 0 5 -1 5 3	2 3 5 12 6 5 10 24 8 10 -1
Nikkel TISE 100 EuroStous 50 BEX X X X X X X X X X X X X X X X X X X	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9	0 2 1 1 0 0 5 -1 5	2 3 5 12 6 5 10 24 8 10 -1
Nikkel TISE 100 EuroStous 50 BEX DAX DAX CAC MIB MSC Attam* bloovepa (Bazil) Moctol Most Cat Europe* Pokard Mikes (Richish)	19.986 7.431 3.482 10.595 12.265 5.136 21.585 818 79.215 66.255 51.307 4.983 2.386 1.940	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 1.9 0.9 -0.8	0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6	2 3 5 12 6 5 10 24 8 10 -1 19 -14 39
Widded TISE 100 Eurostosos 50 BEX  DOX  DOX  DOX  DOX  DOX  DOX  BORD  B	19,986 7,431 3,482 10,595 12,265 51,36 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.8	0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3	2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23
Vikided TTSE TOO EurosSpox 50 BBX  EurosSpox 50 BBX  CAC  CAC  CAC  CAC  MB  MSC Latam * Box-epa diracib Montori  Montor	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 56,255 51,307 4,983 2,386 1,940 106,147 857 3,293 3,805	0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 1.9 0.9	0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4	2 3 5 12 6 5 10 24 8 10 -1 19 -14 39 23 4
Vikided TTSE TOO EUROSEOUS 50 BBX  EUROSEOUS 50 BBX  ASS Alterns MSG Lattam * Borcepa Blazop MSG Lattam * Borcepa Blazop MSG Lattam * Borcepa Blazop MSG Lattam * Blazop * MSG Lattam * MSG Lattam * Blazop * MSG Lattam * MSG Lattam * Blazop * MSG Lattam	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 8,79 3,293 5,805 level	0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 -0.8 0.2 1.5 0.1 Weekly 0.6	0 2 1 1 0 0 5 5 5 3 3 4 4 3 3 6 6 4 4 3 0 0 Monthly 3	2 3 5 5 12 6 6 5 10 0 244 8 8 10 0 -1 19 144 39 23 4 4 100 5 5
Vilkele TYSE TOO TYSE TO THE TOO TYSE TOO THE TOO TYSE TO T	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8	0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daity 0.9	0.2 -0.1 0.2 0.7 0.0 -0.5 -3.0 0.4 0.9 -0.8 0.4 1.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.6	0 2 1 1 0 0 0 5 -1 5 3 3 4 4 3 3 6 4 4 3 0 Monthly 3 2 2 3	2 3 5 5 122 6 5 100 244 8 8 100 -1 199 233 4 4 100 YTD 5 7 12
Nikele TISTE TO Careston So Book So Careston So Book So Careston So Book So Careston So Ca	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2	0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9	0.2 -0.1 0.2 0.7 0.0 -0.5 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0	0 2 1 1 1 0 0 0 5 5 -1 5 5 3 3 4 4 3 6 6 4 4 3 0 0 Monthly 3 2	2 3 5 5 122 6 5 100 244 8 8 100 -1 199 233 4 4 100 YTTO 5 7
Visible ITSEE TOO ITSEE TO	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9 1.1 0.8 1.0 0.6 1.0	0.2 -0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.9 -0.8 0.2 1.9 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.5 -0.9	0 2 1 1 1 0 0 5 -1 5 5 3 3 4 3 3 6 4 3 3 0 Monthly 3 2 3 0 6 6 3	2 3 3 5 12 6 6 5 10 0 244 8 8 10 0 -1 19 -1 4 10 0 7 10 5 7 7 12 6 6 8 6 6 6
Vikided TSEE TOO BEX  VILLUSSENSE SO BEX  VILLUSSENSE SO BEX  VILLUSSENSE SO  VILLUSSE SO  VILLUSSENSE SO  VILLUSSE SO  VILLUSS	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9 1.1 0.8 1.0 0.6 1.0 0.8	0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.9 0.2 1.5 0.1	0 2 1 1 1 0 0 5 5 5 5 3 3 4 4 3 3 6 6 4 4 3 3 0 Monthly 3 2 2 3 0 6 6 3 3 5 6 6	2 3 5 5 122 6 6 5 5 100 244 8 8 8 100 -1 1 199 -144 399 233 4 4 100 5 7 7 122 6 6 8 6 6 100 6 6
Vikéed TSEE 100 TSEE	19,986 7,431 3,482 10,595 12,265 5,136 5,136 5,136 60,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805   evel 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3	0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6 0.4 0.9 1.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.2 0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.2 1.9 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0	0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 0 0 Monthly 3 2 3 0 0 6 6 3 5 5 6 6 6 6 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	2 3 5 122 6 5 5 100 244 8 8 8 100 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Vikéed  TISE TO O  LaroStoxo S O  BOX  NO  SON  NO  SEE Alberts  SEE Alberts  SEE Alberts  SEE Alberts  SEE Alberts  SEE Alberts  SEE OF CUruley  Valuation (Corn (Crina)  SEE OB (Curuley)  SEE OB (Curuley)  SEE OB (Alberts  SEE	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 106,147 857 3,293 5,805 ievel 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9	0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 1.2 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1-1.3 0.5 1.0 0.9 1.1 0.8 1.0 0.8 1.0 0.8 0.0 0.2 1.5	0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.8 0.4 0.9 0.8 0.4 1.9 0.9 0.8 0.1 0.6 0.0 0.6 0.0 0.6 0.7 0.0 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 1 0 0 5 1 5 5 3 3 4 4 3 3 6 4 4 3 0 0 Monthly 3 2 2 3 3 6 6 6 6 6 6	2 3 5 5 100 6 5 5 100 244 8 8 8 100 11 19 19 11 11 11 11 11 11 11 11 11 11
Vikide TISE TOO Law Store Stor	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,225 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 47,2 227,7 116,5 66,9 14,9 15,3 15,9 2,9 2,9 15,3	0.3 0.8 0.9 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 0.3 0.3 1.0 0.8 0.8 1.0 0.8 0.8 1.0 0.8 0.8 1.0 0.8 0.8 0.8 0.8	0.2 0.1 0.2 0.7 0.0 0.5 0.5 0.6 0.8 0.4 0.9 0.8 0.4 1.9 0.9 0.2 1.5 0.1 Weekly 0.6 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 3 6 4 4 3 3 0 0 Monthly 3 2 3 3 0 6 6 3 5 6 6 6 6 1 1 6 6 4 7 7	2 3 5 5 122 6 6 5 100 244 8 8 8 100 -1 144 39 233 4 4 100 5 7 7 122 6 6 8 6 6 10 6 6 15 14 4 4 4
Vikide TISE TOO TISE TO TISE TOO TISE TOO TISE TO TISE TOO TISE TO TIS	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,987 1,987 3,293 5,805 1,987 1	0.3 0.8 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.1 1.1 1.1 0.6 0.6 0.9 1.1 0.9 1.1 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	0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.3 0.9 0.4 1.9 0.8 0.2 1.0 0.0 0.4 1.9 0.9 0.8 0.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 1 0 0 5 1 1 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 6 6 3 5 6 6 6 6 4 7 7 2 3 3	2 3 5 5 12 6 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10
Wideled TISEE TOOL STATES TO THE STATES TO T	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,9 2,9 2,8 15,9 2,9 16,9 17,9 18,9 18,9 18,9 18,9 18,9 18,9 18,9 18	0.3 0.8 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.7 0.1 1.1 1.1 0.8 1.0 0.8 2.0 0.8 2.0 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	0.2 0.1 0.2 0.7 0.0 0.6 6.3 0.0 0.4 0.9 0.8 0.2 0.1 1.5 0.6 0.6 0.6 0.6 0.7 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 1 0 0 0 5 -1 1 5 5 3 3 4 4 3 3 0 0 Morathy 3 3 2 3 5 6 6 6 -1 1 6 4 7 2 2 3 3 8 2 2	2 3 5 5 12 6 5 5 10 10 24 8 8 8 10 00 1-1 1 19 19 23 3 4 10 10 10 10 10 10 10 10 10 10 10 10 10
Vilked  TISE TO O  Larostoxox 50  BOX  VILLENS TO O  SEE Alberts  VISE A	19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,907 3,203 106,147 857 3,203 106,147 857 3,203 106,147 4,27 2,227 2,27 2,27 2,27 2,27 3,27 3,27	0.3 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 0.7 0.0 0.5 0.0 0.5 0.0 0.6 0.3 0.0 0.4 0.9 0.8 0.4 1.9 0.9 0.0 0.5 0.0 0.5 0.6 0.6 0.6 0.7 0.0 0.6 0.6 0.6 0.7 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 0 0 0 5 -1 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 6 6 4 4 7 7 2 3 3 8 2 2 2	2 3 5 5 12 6 6 5 10 10 244 8 8 10 10 11 10 10 10 10 10 10 10 10 10 10
Visible ITSEE TOO Caree State	19,986 7,431 3,482 10,595 12,265 5,1365 21,555 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1,940 125,7 4,983 1,940 125,7 1,940 15,3 1,940 15,3 1,940 15,3 15,9 15,3 15,9 15,3 15,9 15,3 15,9 15,3 15,3 15,3 15,3 15,3 15,3 15,3 15,3	0.3 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 1.1 1.1 0.8 0.9 0.9 1.1 0.8 0.9 0.9 1.1 0.8 0.9 0.9 1.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.7 0.0 0.5 0.0 0.5 0.0 0.6 0.3 0.0 0.4 0.9 0.8 0.0 0.1 0.0 0.5 0.0 0.5 0.0 0.5 0.6 0.6 0.7 0.0 0.6 0.6 0.7 0.0 0.6 0.6 0.7 0.0 0.6 0.6 0.6 0.7 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0 2 1 1 0 0 0 5 -1 5 5 3 3 4 4 3 3 0 Morathly 3 2 3 0 0 6 6 -1 6 6 4 4 7 2 2 3 8 2 2 -1 5 5	2 3 5 5 100 124 8 8 8 100 -1 14 39 23 3 4 100 15 7 7 122 6 8 6 6 100 6 6 21 1 4 4 19 3 3 14 7 7 -12 1 18
Visible ITSEE TOO ITSEE TO	19,966 1,7431 3,482 10,595 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,266 12,267 12,27 116,566 12,27 1	0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.3 1.0 0.9 1.1 0.8 1.0 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	0.2 0.1 0.2 0.7 0.0 0.6 0.3 0.0 0.6 0.8 0.4 0.9 0.8 0.4 0.9 0.8 0.2 0.5 0.1 1.9 0.6 0.0 0.6 0.5 0.1 1.4 0.5 0.6 0.0 0.6 1.4 0.5 0.7 0.6 0.0 0.6 0.7 0.7 0.6 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 2 1 1 0 0 0 5 5 5 3 3 4 4 3 9 0 MortHy 3 3 0 6 6 3 3 5 5 6 6 6 1 1 6 6 4 4 7 7 2 3 3 8 2 2 1 1 5 5 2 7 7	2 3 5 5 122 6 6 5 100 244 8 8 8 100 -1 19 23 3 4 100 YTD 5 7 122 6 6 8 6 100 6 6 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ukled  LaroStono 50  DEX  LaroStono 50  DEX  MISSE Athens  SEE Ath	19,986 1,7431 3,482 10,595 12,265 12,	0.3 0.8 0.9 0.9 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.1 0.6 0.3 0.5 1.1 1.3 0.6 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 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	0.2 0.7 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.6 0.8 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 0 0 0 5 -1 1 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 3 5 6 6 6 6 -1 6 6 4 7 7 2 2 2 -1 5 2 2	2 3 3 5 12 6 6 5 10 0 24 4 8 8 8 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ukled  TISTE TOO  LaroStoxo 50  BOX  AND  SON  SON  SON  SON  SON  SON  SON  S	19,986 1,7431 3,482 12,7431 1,	0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.5 1.1 0.5 0.6 0.3 0.5 1.1 1.1 0.6 0.6 0.3 1.1 1.1 1.2 2.0 0.0 1.4 1.1 1.7 0.4 0.6 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.7 0.0 0.7 0.0 0.0 0.8 0.4 0.9 0.8 0.4 1.9 0.9 0.8 0.2 1.5 0.1 1.5 0.5 0.6 0.6 0.7 0.6 0.7 0.7 0.4 1.5 0.9 0.9 0.9 0.9 0.8 0.1 1.8 1.6 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 2 1 1 0 0 0 5 5 3 3 3 4 3 3 6 4 3 3 0 0 0 6 3 5 5 6 6 6 4 1 1 6 4 1 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 4 4 6 6 7	2 3 3 5 122 6 6 5 100 4 4 100 100 100 100 100 100 100 100
Visited TISE TOO Law of Stora SO SEX  VISIT SO TO THE SO SEX  VISIT SO THE SO SEX  VISIT SO THE SO SEX  VISIT S SEX  VISIT SO SEX  VISIT S SEX  VISIT	19986 1998 1998 1998 1998 1998 1998 1998	0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.5 1.1 0.5 0.6 0.3 0.5 1.1 1.0 0.6 0.3 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.0 0.4 1.9 0.2 1.5 0.1 1.4 1.0 1.2 1.3 1.6 0.2 1.5 1.6 0.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.0 0.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0 2 1 1 1 0 0 0 5 5 5 3 3 4 4 3 0 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 3 5 5 100 5 100 100 100 100 100 100 100 1
Visible Visibl	19986 1998 1998 1998 1998 1998 1998 1998	0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.7 0.1 1.1 1.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.8 0.8 0.5 0.6 0.6 0.8 0.8 0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.5 0.6 0.9 0.8 0.4 1.9 0.5 0.1 1.4 0.5 0.5 0.5 0.1 1.4 1.5 0.2 0.7 0.4 1.9 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 2 1 1 0 0 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 5 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 2 2 1 1 5 5 2 7 7 4 4 6 6 7 7 2 2 2	2 3 3 5 5 102 6 6 5 5 5 100 101 101 101 101 101 101 101 1
Ukled  LiverStone S 0  LiverSt	199,86 1,7431 3,469,51 1,7431 3,469,51 1,743	0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.6 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.6 0.6 0.3 0.7 0.1 0.1 0.8 0.8 0.8 0.8 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 0.5 0.6 0.9 0.8 0.9 0.2 1.5 0.6 0.6 0.6 0.1 1.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0 2 1 1 1 0 0 5 1 1 5 5 3 3 4 4 3 3 6 4 4 3 3 0 6 6 6 6 6 6 1 1 6 6 7 2 2 2 2 1 1 5 5 2 7 4 4 6 6 7 2 2 2 2 2 2 2 Monthly Mont	2 3 3 5 5 12 2 6 6 5 5 10 0 12 4 4 8 8 8 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ukled  LisroStono 50  DEX  LisroStono 50  DEX  LisroStono 50  DEX  DEX  MB  USE Atheris  USE Atheris  USE Atheris  USE Atheris  USE Atheris  USE Atheris  Doveped William  USE Atheris  Doveped William  USE CLEAT  LisroStono  USE CLEAT  USE CLEAT  LisroStono  USE CLEAT  USE CLEAT	199,86 199,86 199,87 19	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.6 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.1 1.1 1.2 0.0 0.0 0.2 0.2 0.0 0.2 0.2 0.0 0.0 0	0.2 0.5 0.6 0.9 0.8 0.9 0.2 1.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 6 6 6 6 6 6 7 2 2 2 1 1 5 5 2 7 4 4 6 6 7 7 2 2 2 2 Monthly 3 3 3 1.4 1 9 1 5 5 2 7 7 4 6 6 7 7 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 1 1 5 5 2 7 7 4 7 4 6 6 7 7 2 2 2 1 1 5 5 2 7 7 4 7 4 6 6 7 7 2 2 2 1 1 5 5 2 7 7 4 7 4 6 6 7 7 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 3 5 5 12 2 6 6 5 10 0 244 8 8 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nikeled TITE TO TO TENTE TO	19986 19987	0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.6 0.5 0.7 0.1 0.5 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 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 2 1 1 0 0 5 1 1 5 5 3 3 4 4 3 0 0 1 1 5 5 6 6 6 6 3 3 5 6 6 6 6 1 1 5 6 7 2 2 2 7 4 4 6 7 7 2 2 2 7 4 4 6 7 7 2 2 2 7 7 4 4 6 7 7 2 2 2 7 7 4 7 2 7 2 7 2 7 2 7 2 7 2	2 3 3 5 5 122 6 6 5 100 244 8 8 8 8 100 1-1 199 233 4 4 100 100 100 100 100 100 100 100 100
Nikeled Type Temper Type Type Type Type Type Type Type Type	199.66 199.67 19	0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.6 0.5 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 0.2 0.7 0.0 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 3 4 4 3 3 6 6 4 3 3 6 6 6 6 1 6 6 6 6 1 5 5 5 2 7 7 4 6 6 7 7 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 3 3 5 5 12 6 6 5 10 0 244 8 8 8 8 10 1 1 1 1 1 2 3 3 4 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nikele	199,86 10,98 11,098 11,	0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.5 5.0 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.3 0.5 1.1 0.8 0.6 0.6 0.8 0.8 0.5 0.5 0.5 1.1 1.1 1.2 0.0 0.2 1.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 6 6 4 4 3 3 0 6 6 4 1 1 5 5 5 3 3 3 5 6 6 6 6 4 7 7 2 2 3 3 8 2 2 2 7 7 4 4 6 7 7 2 2 2 1 1 5 5 2 2 7 7 7 4 7 7 2 2 2 1 1 1 5 5 2 7 7 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 5 5 10 2 4 4 8 8 8 100 -1 1 199 2 3 3 4 4 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nikeled TETE TO TETE T	199.96 199.96 199.97 19	0.3 0.8 0.9 1.2 0.9 1.2 0.2 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.21 0.27 0.00 0.77 0.00 0.79 0.00 0.80 0.90 0.90 0.90 0.90 0.90 0.9	0 2 1 1 0 0 5 1 1 5 5 5 3 3 3 4 4 3 6 4 3 3 6 6 4 3 5 5 6 6 6 6 6 1 1 6 6 7 2 2 3 8 8 2 2 7 4 4 6 6 7 2 2 2 7 4 4 6 6 7 2 2 2 7 4 4 6 6 7 2 2 7 4 6 6 7 7 2 2 2 7 4 6 6 7 7 2 2 7 7 2 7 2 7 2 7 2 7 2 7 2 7	2 3 3 5 5 102 6 6 5 100 244 8 8 8 100 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nikeled TETE TO TETE T	199.66 199.67 19	0.3 0.8 0.9 1.2 0.9 1.2 0.9 1.2 0.9 1.2 0.5 0.7 0.1 0.5 1.1 0.5 1.1 0.6 0.3 0.5 1.1 1.0 0.6 0.3 0.5 1.1 1.1 0.1 0.6 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.21 0.27 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 0 6 6 3 3 5 5 6 6 6 6 1 1 6 7 2 2 3 8 8 2 2 2 1 1 5 5 5 2 2 7 4 4 6 6 7 2 2 2 Mounthly 3.3 3 .1 4 1 1 9 2 2 Mounthly 3.3 1 4 1 1 9 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 3 5 12 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
Nikeled TESTE TOO  Eurosciscos 50  BOX  Eurosciscos 50  BOX  MISS Alberts  MSC Latam*  Boxego Miss Miss Miss Miss Miss Miss Miss Mis	199,86 1,7431 3,469,51 1,7431 3,469,51 1,743	0.3 0.8 0.9 1.2 0.9 1.2 0.1 0.5 0.5 1.1 1.1 0.5 0.6 0.8 2.0 0.2 1.5 0.8 2.0 0.2 1.5 0.8 0.8 2.0 0.2 1.5 0.8 0.8 2.0 0.2 1.5 0.8 0.8 2.0 0.2 1.5 0.8 0.8 0.8 2.0 0.2 1.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.21 0.27 0.70 0.05 0.30 0.60 0.30 0.40 0.90 0.80 0.41 0.90 0.80 0.41 0.90 0.80 0.41 0.90 0.80 0.41 0.90 0.80 0.41 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.8	0 2 1 1 1 0 0 5 5 1 1 5 5 5 3 3 3 4 4 3 3 6 6 6 4 1 6 6 4 7 7 2 2 3 8 2 2 2 1 1 5 5 2 7 4 4 6 6 7 7 2 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 1 1 5 5 2 7 7 1 7 7 2 2 1 1 1 1 1 1 1 1 1 1 1 1	2 3 3 5 5 10 2 4 4 8 8 8 10 1 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nicked TESTE TOO TESTE TOO TESTE TOO TESTE TOO TESTE TOO TESTE TOO TOO TOO TESTE TOO TOO TESTE T	199.96 199.96 199.97 19	0.3 0.8 0.9 0.8 0.9 0.9 1 0.8 0.9 1 0.8 0.9 1 0.8 0.5 0.7 0.7 0.5 0.7 0.1 0.5 0.6 0.7 0.6 0.6 0.6 0.6 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	0.21 0.27 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 2 1 1 0 0 0 5 1 1 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 6 6 6 6 6 1 1 6 6 6 6 6 7 2 2 1 1 5 5 2 7 7 4 4 6 7 7 2 2 3 1 3 8 8 2 2 2 1 1 5 5 2 7 7 4 4 6 7 7 2 7 1 7 7 1 7 7 1 7 7 1 7 7 1 7 7 1 7 7 1 7 7 1 7 7 1 7 7 7 7 1 7	2 3 3 5 5 122 6 6 5 5 100 244 8 8 8 100 1-1 14 3 14 4 1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nikeled TETE TO TETE T	19986 19986 19981	0.3	0.21 0.21 0.20 0.30 0.50 0.60 0.30 0.60 0.80 0.80 0.80 0.80 0.80 0.80 0.8	0 2 1 1 0 0 0 5 1 1 5 5 5 3 3 4 4 3 3 0 0 Morethly 3 3 5 6 6 6 6 4 4 7 7 2 3 3 8 8 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 2 1 1 6 7 7 2 2 2 2 2 1 1 6 7 7 7 2 2 2 2 2 2 1 1 6 0 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 5 122 6 6 6 5 5 100 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nikeled TETET TO CERTON TO THE TETET TO THE TE	199,86 10,985 11,095 11	0.3	0.21 0.21 0.20 0.51 0.20 0.60 0.30 0.60 0.30 0.90 0.80 0.90 0.90 0.90 0.90 0.90 0.9	0 2 1 1 0 0 0 5 1 1 5 5 5 3 3 4 4 3 3 6 4 3 3 6 4 3 3 0 6 6 7 2 2 3 1 1 4 6 6 7 7 2 2 2 3 1 1 4 6 6 7 7 2 2 2 2 2 1 1 0 0 9 2 7 1 1 7 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	2 3 3 5 122 6 6 6 6 9 9 Yes 3 3 3 0 0 17 7 4 4 7 7 14 0 2 2 3 3 6 6
Side of Control of Con	199,86 10,985 11,095 11	0.3	0.21 0.21 0.20 0.30 0.50 0.60 0.30 0.60 0.80 0.80 0.80 0.80 0.80 0.80 0.8	0 2 1 1 0 0 0 5 1 1 5 5 5 3 3 4 4 3 3 0 0 Morethly 3 3 5 6 6 6 6 4 4 7 7 2 3 3 8 8 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 2 1 1 6 7 7 2 2 2 2 2 1 1 6 7 7 7 2 2 2 2 2 2 1 1 6 0 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 5 122 6 6 6 5 5 100 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nicked TETE TOO TETE TOO TETE TOO TETE TOO TETE TOO TETE TOO TOO TOO TETE TOO TOO TETE TOO TE	19986 19981	0.3	0.21 0.72 0.73 0.70 0.70 0.70 0.70 0.70 0.70 0.70	0 2 2 1 1 0 0 0 5 1 1 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 6 6 6 6 6 6 6 6	2 3 3 5 122 6 6 6 6 8 8 8 8 100 11 1 1 1 1 1 1 1 1 1 1 1 1
Nicked TITESTED TITES	199,86 10,985 11,095 11	0.3	0.21 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 2 2 1 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	2 3 3 5 122 6 6 5 1 122 6 6 5 1 124 8 8 8 8 100 1-1 199 1 125 6 6 8 8 6 6 1 100 6 121 1 125 1 12
Nicked TITESTE TOO  TARGETONS SO  TARGETONS	199,86 1,7431 3,469,57 1,7431 3,469,57 1,7431 1,743	0.3	0.21 0.21 0.20 0.50 0.60 0.30 0.60 0.30 0.60 0.40 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.80 0.90 0.9	0 2 1 1 1 0 0 0 5 1 1 5 5 5 3 3 3 4 3 6 4 3 3 6 4 3 3 0 6 6 6 7 7 2 2 2 3 1 1 4 6 6 7 7 2 2 2 3 1 1 4 6 6 7 7 2 2 2 2 7 1 1 7 4 6 6 7 7 2 2 2 7 1 1 7 4 6 6 7 7 2 2 2 7 1 1 7 4 6 6 7 7 2 2 2 7 1 1 7 1 1 1 1 1 1 1 1 1 1 1	2 3 3 5 5 100 6 5 110 6 5 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Nicked TESTE TOO Claresticsous 50 Clares	199.66 199.67 19	0.3	0.21 0.21 0.20 0.50 0.60 0.30 0.60 0.30 0.60 0.40 0.90 0.40 0.90 0.40 0.90 0.80 0.80 0.90 0.80 0.80 0.90 0.80 0.8	0 2 1 1 0 0 0 5 1 1 5 5 5 3 3 6 6 4 3 3 6 6 6 4 3 5 5 6 6 6 7 7 2 2 2 8 8 6 7 7 2 2 2 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 5 12 6 5 5 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 6 6 6 6 7 6 6 7 6 7 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 6 7
Developed EURUSD GRBVLSD GRBVLSD DVY DVY DVY DVY DVY DVS	199.66 199.67 19	0.3	0.21 0.21 0.20 0.30 0.60 0.30 0.60 0.30 0.60 0.30 0.40 0.90 0.80 0.81 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.9	0 2 1 1 1 0 0 0 5 1 1 5 5 5 3 3 4 4 3 3 6 4 4 3 3 3 6 6 6 6 6 1 6 6 6 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 7 7 4 6 6 6 7 2 2 2 2 1 1 5 5 2 7 7 7 2 2 4 5 7 7 2 2 6 7 7 7 2 2 6 7 7 7 2 2 6 7 7 7 2 2 6 7 7 7 2 2 6 7 7 7 2 2 6 7 7 7 2 2 6 7 7 7 7	2 3 3 5 12 6 5 5 10 0 12 4 4 10 0 12 12 12 12 12 12 12 12 12 12 12 12 12





Debt market	e (10V % ch	anow in h	20)		
Developed Markets US (2-yr)	level 1.34	Daily -0.6	Week -4.7	Month -4	YTD 13
US GER (2-yr)	2.26	-3.6 -1.6	-7.7 -4.6	-5 -12	-18 8
Germany France	0.49	-5.5 -5.7	-7.8 -7.0	-7	14 -7
Spain Italy	1.46	-4.4 -7.3	-9.6 -12.5	-8 -14	-6 15
Portugal Greece	2.84 5.45	-4.4 5.6	-14.4	-19	-134 -143
Japan (2-yr) Japan	-0.11 0.08	0.0	15.3 -0.9 -0.8	1	8
Emerging Markets	level 9.97	0.2 Daily	Weekly	1 Monthly	YTD -144
Brazil Chile	4.29	-2.2 -0.2	-13.4 -0.9	-57 13	-4
Colombia Mexico	6.78 6.85	-3.7 -1.4	-2.8 -3.6	36 6	-31 -79
Peru Poland	5.34 3.36	-0.7 -0.7	-3.6 4.4	-1 -4	-113 -36
Russia Turkey	7.89 10.30	2.6	-9.3	-2 3	-56 -70
India Indonesia	6.44 6.93	-4.0 -2.7 -2.6	-5.0 1.2 -1.3	.7 10	-92
Country r	isk (bp. chang	jes in bp)			
Developed Markets 10-yr so vereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	26 153	-0.2 -1.8	0.8 -4.7	-9 -16	-20 2
Portugal Spain	235	1.1	-6.6	-21	-119
2-yr sovereign spread vs Germany	97	1.1	-1.8	-11	-11
France Italy	20 47	-3.3 -1.3	-5.7 0.3	1 0	10 -14
Portugal Spain	78 35	-2.3 -1.5	2.5 -4.8	7	-69 -13
Emerging Markets 5-vr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil	207	-3.8	-5	-34	-65
Chile Colombia	65 125	-1.3 -3.4	-2 -10	-2 -12	-17 -38
Mexico Peru	102 80	-1.1 -2.7	-5 -5	-12 -8	-55 -28
Venezuela	5,761	220.1	520	1558	1856
Poland Russia	58 163	0.7	-2 -2	-3 -5	-17 -13
Turkey China	181 64	-0.1 0.1	-2 -2	-11 -6	-91 -52
India Indonesia	81 112	0.2	-4 -4	-8 -5	-46 -44
R	isk indicators	,			
Volatilty indicators (%) VIX	level 10	Daily -0.6	Weekly 8	Monthly -9	YTD -2
VSTOXX EM EFT volatility Index	14 15	-2.5 -0.1	-1 -2	-21 -9	-3 -28
Dollar/euro volatility EM EX volatility index	8	1.9	- 11	13	-27
Credit spread (BAA) (bps)	7 210	3.6	-1	-4	-33 -17
US bonds volatility index Banking 5 y CDS (bps) *	48 level	-0.8 Daily	-3 Weekly	-13 Monthly	-37 YTD
US EZ	53 52	0.3	0	0 -5	-19 -56
UK	45	-0.1	0	4	-45
Large Spanish Medium Spanish	49 92	-0.4 -0.7	-1 -3	-8 -8	-68 -59
Corporate 5y CDS (tps) * US Non-financial	level 136	Daily 0.3	Weekly 0	Monthly 0	YTD -19
EZ Non-financial UK Non-financial	74 108	0.0	0	-5 -7	-56 -17
Interbank m	arkets (%, che	anges in b		-/	
EONIA Index	-0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	9TD 0.0
Euribor 3m Euribor 12m	-0.33 -0.15	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.31	0.00	0.0	0.0	0.3
	1.73 ck markets (	0.00	0.0	0.0	0.0
Main indices					YTD
		Daily	Weekly	Monthly	
S&P500	2,473 21,961	0.1	-0.2	2 3	9
S&P500 Dow Jones Nikkei	21,961 19,986	0.1 0.3 0.3	-0.2 1.6 0.2	2 3 0	9 10 2
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	21,961 19,986 7,431 3,482	0.1 0.3 0.3 0.8 0.9	-0.2 1.6 0.2 -0.1 0.2	2 3 0 2 1	9 10 2 3 5
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	21,961 19,986 7,431 3,482 10,595 12,265	0.1 0.3 0.3 0.8 0.9 0.9	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0	2 3 0 2 1 1	9 10 2 3 5 12 6
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5	-0.2 1.6 0.2 -0.1 0.2 0.7	2 3 0 2 1 1 0 0 5	9 10 2 3 5 12 6 5
S&P500  Dow Jones  Nikkel  FTSC 100  EuroStoxx 50  IBEX  DAX  CAC	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	2 3 0 2 1 1 0	9 10 2 3 5 12 6 5 10 24
SAPBOO Dow Jones Nikod FTSE 100 EuroStox 50 IBIEX DAX CAC MIB ASE Athens MSG Latam* Ibiovespa (Bazil)	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9	2 3 0 2 1 1 0 0 5 -1 5	9 10 2 3 5 12 6 5 10 24 8
SAPPBO Down Jones Nakes FFES 100 EuroStoux 50 BIBX DAX CAC MIB ASK Aftens MSCI Latum * blowcrapa (Razill) Modod MsQCI M Europe *	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3	0.2 1.6 0.2 -0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 -0.8 0.4	2 3 0 2 1 1 0 0 5 -1 5 5 3 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1
SAEPSO Dow Jones Nikled FFES TO EuroStoux SO BIBOX AND SO BIBOX AND SO BIBOX AND SO BIBOX AND SO BIBOX	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19
SAPSDO Down Jones Nikled FFES TOD Exarciticus SO BIBOX MISS MISS MISS MISS MISS MISS MISS MISS	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4	0.2 1.6 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.4	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4	9 10 2 3 5 12 6 5 10 24 8 8 10 -1
SAEPSOD Down Jones Nöbel FEET ET 00 59 BEX ON 59 BEX ON 50 BEX ON	21,961 19,986 7,431 3,482 10,595 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4	0.2 1.6 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.9 0.9 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39
SAPPSO Down Jones Nöbel FFEE TOO S  TENE TOO S  TOO S  TOO S  TOO S  ASS ABRES  ASS ABRES  MSC Labor  MSC Labo	21,961 19,986 7,421 3,482 10,595 51,265 5,136 21,585 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 1.9 -0.8 0.2 1.5 0.1 Weekly	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 4 3 6 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 23 4 10 71
SAPPSO Dow Jones Nikled FFEE TOO Exarcibious 50 CACCAC ACCAC ACCAC ACCAC ACCAC ACCAC ACCAC ACCAC BOW BOOL Laten BOOL Late	21,961 19,986 7,431 3,482 10,595 51,265 51,36 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.6 -0.4 Daily 0.9 1.1	0.2 1.6 0.2 -0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.1 Weekly 0.6	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3 0 0 Monthly	9 10 2 3 5 12 6 5 10 24 8 10 -1 19 -14 39 23 4 10 YTD
SAPPSO Down Jones Nikled FFEE TO EarnStraus 50 BIRD BIRD BIRD BIRD BIRD BIRD BIRD BIRD	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8	0.1 0.3 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 0.6 -0.4 0.9 0.9 0.9 1.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 1.6 0.2 -0.1 0.2 -0.7 0.0 -0.5 3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4	2 3 0 2 1 1 0 0 5 -1 5 5 5 3 4 3 6 4 3 0 0 0 5 5 3 4 3 3 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD
SAPPSO Down Jones Nikola TESE 100 a Down Jones Nikola TESE 100 a DOX CAC MIRES MISC Allens MSC Latam * Downgas Ginzill Modod MSC Latam * Downgas Ginzill Modod MSC Latam * Polement MSC Latam * Sheeping Complex S	21,961 19,986 7,431 3,482 10,595 12,265 51,265 51,365 19,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daiiy 0.9 0.9	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.1	2 3 0 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 6 6 4 3 3 0 Monthly 3 2 3	9 10 2 3 5 12 6 5 10 24 8 10 -1 1 39 23 4 10 YTD
SAEPSO Down Jones Nöbel FEET TOO SO TOOM JONES NÖBE	21,961 19,986 7,431 3,482 10,595 12,265 51,265 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1evel 125,7 92,8 69,0 24,4 47,2 227,7 116,5	0.1 0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 1.1 1.1 0.6 0.4 0.9 1.1 0.8	-0.2 1.6 0.2 -0.1 0.2 -0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.5 -0.9 2.7	2 3 0 2 1 1 0 0 5 -1 5 5 5 3 3 4 4 3 6 4 4 3 0 0 0 Monthly 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 5 12 6 5 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7 7 12 6 6 8 8 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
SAEPSOD Down Jones Nikled FFEE TOO Exercitious 50 CACCAC DAX CACC ACCAC	21,961 19,986 7,431 3,482 10,595 12,265 51,265 51,307 4,983 2,366 1,940 106,147 857 3,293 5,805 1,940 105,147 857 3,293 1,940 105,147 857 92,8 69,0 24,4 47,2 227,7 116,5 66,9	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.6 0.4 0.4 0.8 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 1.6 0.2 -0.1 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 3 0 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 6 4 4 3 3 2 2 3 0 6 6 3 3 5 6 6 6 6	9 10 2 3 5 112 6 5 10 24 8 8 8 10 -1 19 23 4 10 YTD 7 12 6 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO Down Jones Nikled FFEE TOO EarnStokes, SO BIRD BASE AND BASE ASE ARBOR BASE BASE BASE BASE BASE BASE BASE BASE	21,961 19,986 7,431 3,482 10,595 5,136 21,585 818 79,215 66,255 51,307 2,386 1,940 106,147 857 3,293 1,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,3	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.1 0.6 0.4 0.4 0.4 0.1 0.0 0.8 1.0 0.8 2.0 0.2 1.5	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.4 1.9 0.9 0.8 0.2 1.5 0.6 0.0 0.5 0.6 0.6 0.2 0.7 0.4 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 0 2 1 1 1 0 0 5 5 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 Monthly 3 2 2 3 0 6 6 3 5 5 6 6 6 6 1 6 6	9 10 2 3 5 12 6 5 10 0 24 8 8 8 10 -1 14 39 23 4 4 10 5 7 7 12 6 8 8 6 6 10 6 21 6 15
SAPPSO Dow Jones Nikled TFSE TOD EaroStouck 50 IBIOX INSTITUTE TO TO THE TOTAL TO T	21,961 19,986 7,431 3,482 10,595 5,136 21,585 818 79,215 66,255 51,307 1940 106,147 857 3,293 1,236 1,940 106,147 4,72 2,27,7 116,5 66,9 14,9 14,9 14,9 14,9 15,3 15,9 15,3 15,9 15,3 15,9 15,9 15,9 15,9 15,9 15,9 15,9 15,9	0.1 0.3 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.4 0.9 0.9 1.2 0.8 0.5 0.7 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 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.9 0.9 0.9 0.8 0.4 0.9 0.9 0.8 0.2 0.7 0.0 0.0 0.1 0.6 0.0 0.0 0.5 0.1 0.6 0.0 0.6 0.0 0.6 0.0 0.6 0.0 0.6 0.6	2 3 0 2 2 1 1 1 0 0 5 1 1 5 5 5 3 3 3 4 4 3 3 0 6 4 4 3 3 0 6 6 6 6 6 1 6 6 4 7 7	9 10 2 3 3 5 112 6 5 10 24 8 8 8 10 -1 1 1 19 23 4 4 10 17 12 6 8 6 6 10 6 6 21 14 4 4 4 4
SAPPSO Down Jones Nöbel The Tion SO Down Jones Nöbel The Tion SO Down Jones D	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1,940 24,4 47,2 27,7 116,5 66,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 1.1 1.3 0.4 0.6 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.2 0.2 0.1 1.6 0.2 0.2 0.7 0.0 0.5 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 2 1 1 1 0 0 5 5 5 5 5 3 3 3 4 4 3 3 0 0 Monthly 3 2 2 3 5 5 6 6 6 -1 6 6 4 4	9 10 2 3 3 5 112 6 5 10 24 8 8 8 10 -1 14 39 9 -1 14 39 9 10 7 10 6 8 6 10 6 21 6 15 14
SAPPSO Dow Jones Nikled TFEE TOO Exercisions 50 DAX CAC CAC MINISTER MINIST	21,961 19,986 7,431 3,482 10,595 51,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1evel 125,7 92,15 105,147 10	0.1 0.3 0.8 0.9 0.9 0.9 0.9 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.3 0.5 0.5 0.6 0.3 0.5 0.6 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.1 0.2 0.1 0.0 0.5 0.6 0.6 0.6 0.0 0.4 0.9 0.8 0.4 1.9 0.9 0.8 0.2 1.5 0.6 0.6 0.6 0.4 0.9 0.9 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 0 0 0 5 -1 1 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 5 12 6 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO Down Jones Nikole TFEE TOO Exarcification SO DAX CAC CAC MISSING MISSIN	21,961 19,986 7,431 3,482 10,595 12,265 5,136 5,136 5,136 5,136 5,136 1,236 66,25 66	0.1 0.3 0.8 0.9 0.9 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.6 0.4 0.6 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 1.6 0.2 0.1 1.6 0.2 0.7 0.0 0.5 0.6 0.6 0.0 0.9 0.8 0.4 0.9 0.9 0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 2.6 6.6 1.1 1.2 0.2 0.2	2 3 3 0 2 1 1 1 0 0 0 5 - 1 1 5 5 3 3 3 4 4 3 3 0 0 6 4 3 3 5 6 6 6 - 1 1 6 6 4 4 7 7 2 3 8 8 2 2 2	9 10 2 3 5 5 12 6 6 5 10 24 8 8 10 1 1 19 2 3 4 10 YTD 5 7 7 12 6 6 8 6 6 10 6 6 11 6 6 15 14 4 19 3 14 7 7 12 12
SAPPSO Down Jones Nikled TFSE TOO EardStook 50 BIBA BIBA ASE Althers MISG Lattum* Bloovers Gleich Bloovers Gle	21,961 7,431 19,966 7,431 19,966 7,431 10,955 5,136 66,285 5,136 66,285	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.3 0.5 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.1 0.2 0.7 0.0 0.0 0.5 0.6 0.0 0.6 0.6 0.4 0.9 0.9 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2 3 3 0 0 5 5 5 3 3 3 4 4 3 3 0 6 6 4 3 3 5 5 6 6 6 1 1 6 6 6 6 1 7 2 2 3 8 8 2 2 2 1 5 5	9 10 2 3 5 5 12 6 6 5 10 24 8 8 10 1 1 19 1 14 39 23 4 10 YTD 5 7 12 6 6 8 6 10 6 12 1 6 15 14 4 19 9 3 14 7 7 12 1 18
SAPPSO DOWN JONES NAVIOR NAVIOR NAVIOR SAPEN SAP	21,961 7,431 10,936 7,431 10,936 7,431 10,936 7,431 10,936 7,431 10,936 7,431 10,931 1	0.1 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.3 0.4 0.6 0.4 0.8 1.0 0.6 0.8 1.0 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	-0.2 -0.1 -0.2 -0.1 -0.2 -0.7 -0.0 -0.5 -0.8 -0.4 -0.9 -0.8 -0.4 -0.9 -0.8 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 3 3 0 0 5 5 5 3 3 3 4 4 3 3 0 6 4 4 3 3 0 6 6 3 3 5 5 6 6 6 1 1 6 6 6 7 7 2 3 3 8 2 2 2 1 5 5 2 7 7	9 10 22 3 5 10 24 8 8 8 10 -1 19 23 3 4 10 9 5 7 12 6 8 8 6 10 10 6 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO Down Jones Nikole TFEE TOO Exercisious 50 Exercisious 50 DAX CAC CAC MISSI MI	2.1961 19.966 7-431 10.986 7-431 10.988 7-431 10.988 21.585 10.976 10.988 21.585 10.976 10.988 10.98	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	2 3 3 0 2 1 1 1 0 0 0 5 5 5 3 3 3 4 4 3 3 6 6 4 4 3 3 0 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9 10 23 5 5 12 6 6 5 10 24 8 8 8 10 -1 1 9 1 10 1 10 1 10 1 10 1 10 1 10
SAPPSO Down Jones Nikole TFEE TOO Exercisious 50 DAX CAC CAC MISS MISS MISS MISS MISS MISS MISS MISS	21,961 7,431 10,986 7,431 10,986 7,431 10,988 7,431 10,988 7,136 7	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.5 0.7 0.5 0.7 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.6 0.3 0.5 0.6 0.5 0.7 0.7 0.6 0.6 0.5 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-0.2 1.6 0.2 0.7 0.0 0.7 0.0 0.6 0.5 0.6 0.0 0.4 1.9 0.9 0.2 1.5 0.1 1.4 2.6 0.2 2.6 1.8 0.1 1.2 2.2 1.3 0.2 1.5 1.1 1.2 2.2 1.3 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.7 0.0 0.4 1.5 0.2 2.6 0.7 0.7 0.2 0.7 0.7 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 2 1 1 1 0 0 0 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 6 6 6 6 6 6 7 2 2 2 2 1 1 5 5 2 2 7 4 4 6 6 7	9 10 2 3 3 5 12 6 5 5 10 2 4 8 8 10 -1 19 -1 4 10 2 3 4 4 10 6 8 8 6 6 10 6 6 2 1 1 1 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO DOWN JONES NANCE THE TOTAL TH	2.1961 19.986 7.4319 19.986 7.4319 11.985 12.285 12.285 12.285 13.818 18	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.0 0.8 0.5 0.7 0.1 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.8 0.9 0.1 1.1 1.1 1.1 1.1 1.1 1.2 2.0 0.0 0.4 0.7 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.2 1.6 0.2 0.7 0.0 0.0 0.4 1.9 0.9 0.2 1.5 0.1 1.4 2.6 6.6 0.2 2.7 0.2 1.5 1.1 1.2 2.2 1.3 0.2 1.5 1.1 1.2 2.2 1.3 0.2 1.5 0.2 1.5 1.1 1.2 1.2 1.3 0.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 3 3 0 2 1 1 1 0 0 5 5 5 1 1 5 5 5 5 3 3 3 4 4 3 3 6 6 6 6 1 1 6 6 4 7 7 2 2 3 8 8 2 2 2 -1 5 5 2 2 7 7 4 6 6 6	9 10 22 3 5 10 24 8 8 8 10 -1 19 23 4 10 YTD 5 7 12 6 8 8 6 10 6 11 10 6 11 10 11 11 11 11 11 11 11 11 11 11 11
SAPPSO DOWN JONES NAME  THE TOTO SOME JONES NAME  THE TOTO SOME JONES NAME JO	2.1961 19.986 7.4319 19.986 7.4319 11.985 12.285 12.285 12.285 13.818 18	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.7 0.1 0.5 0.6 0.5 0.6 0.1 1.1 0.8 0.9 0.9 0.1 1.1 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 3 3 0 2 1 1 1 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 1 1 6 6 4 7 7 2 2 3 8 8 2 2 2 -1 5 5 2 2 7 7 4 6 6 7 7 2 2	9 10 2 3 5 12 6 6 5 15 10 0 14 4 9 9 3 14 7 7 12 1 18 16 6 20 14 36 38 9 9
SAPPSO DOW JONES NAME  THE TOO  CERTSON SO  DAY  CAC  CAC  CAC  MISSO  M	21,961 10,966 7,4419 10,966 7,4419 10,968 12,269 10,568 12,269 11,569 12,5136 12,5136 12,5136 12,5136 12,5136 12,5136 13,5136	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.7 0.1 0.5 0.6 0.3 0.5 1.0 0.6 0.6 0.8 0.9 1.1 1.0 0.8 0.8 0.9 0.9 1.1 1.1 1.2 0.0 0.0 0.1 1.1 1.2 0.0 0.0 0.1 1.1 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.2 1.5 0.6 0.9 0.8 0.1 1.4 0.5 0.6 0.0 1.4 0.5 0.6 0.0 1.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 0 6 6 6 3 3 5 6 6 6 6 1 1 6 6 7 2 2 3 8 2 2 1 1 5 5 2 2 7 4 4 6 6 7 7 2 2 2 2 Monthly 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9 10 2 3 5 12 6 5 10 24 8 8 8 10 1 1 19 12 3 4 10 YTD 5 7 7 12 6 6 8 6 5 10 10 6 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO DOW JONES NAME THE TOO LEAVING SO	21,961 10,966 7,4419 10,966 7,4419 10,966 12,265 12	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 6 6 4 4 3 3 0 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 2 2 2 7 7 7 4 6 6 7 2 2 2 1 1 1 5 5 2 2 2 1 1 1 5 5 2 2 2 2	9 10 2 3 5 12 6 5 10 24 8 8 8 10 1 1 19 23 4 10 YTD 5 7 7 12 6 8 8 6 10 1 1 1 19 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO DOWN JONES NANCE THE TOTAL TH	7.1961   1.0966   1.0	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.7 0.7 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.3 0.1 1.0 0.6 0.1 1.0 0.6 0.1 1.1 1.1 1.1 1.1 1.2 2.0 0.0 1.4 1.1 1.1 1.1 1.2 2.0 0.0 0.1 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0	0.2 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 1 1 1 5 5 3 3 3 4 4 3 3 0 0 6 4 4 3 3 0 0 6 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 0 1 4 5 5 5 7 2 2 2 1 1 1 5 5 7 2 2 2 1 1 1 5 5 7 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 5 12 6 5 5 10 0 12 4 8 10 11 19 19
SAPPSOO DOWN JONES NAME  THE STORE SO  STORE S	21,961 10,986 7,4419 10,986 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,267 13,27 13,27 14,27 14,27 14,27 15,27	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 0.9 1.2 0.8 0.8 0.8 0.9 0.1 0.5 0.1 0.5 0.6 0.3 0.4 0.6 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 1.6 0.2 1.	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 4 4 3 3 6 4 4 3 3 2 3 3 3 6 6 4 4 3 3 5 6 6 6 1 1 6 6 6 7 7 7 2 3 3 8 8 8 8 7 7 4 6 6 7 7 7 7 4 6 6 7 7 7 7 4 6 6 7 7 7 7	9 10 2 3 3 5 12 6 6 5 10 0 12 8 8 8 8 8 10 11 9 19 11 14 10 10 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
SAPPSO DOW JONES NAME THE TOO	21,961 10,966 7,4419 10,966 12,669 12,669 12,669 12,669 12,669 12,669 12,669 13,670 14,983 13,949 13,949 14,949 14,949 15,949 16	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 0.9 1.2 0.8 0.8 0.9 0.9 0.8 0.8 0.9 0.9 0.1 0.1 0.6 0.3 0.3 0.4 0.6 0.3 0.5 0.1 0.6 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 1.6 0.2 1	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 4 4 3 3 6 4 4 3 3 6 6 4 4 3 3 5 6 6 6 1 1 6 6 6 6 1 1 6 6 6 6 7 7 2 2 3 3 3 1 5 5 6 6 6 7 7 7 2 2 2 2 1 1 1 9 2 7 7 4 6 6 7 7 7 2 2 2 7 7 4 6 6 7 7 7 7 8 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 3 5 12 6 6 10 6 11 14 10 17 17 12 6 8 6 6 10 6 6 10 14 10 17 11 18 16 6 10 14 16 17 17 17 17 18 18 16 16 17 17 17 18 18 16 16 17 17 18 18 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPSO DOW JONES NAME THE TOO	21,961 10,966 7,441 10,966 7,441 10,966 12,265 12,265 12,265 12,265 12,265 12,267 12,267 12,267 12,267 12,267 12,267 12,267 12,27 116,5 12	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.0 0.9 1.0 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.6 0.3 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 1.6 0.2 1.	2 3 3 0 2 2 1 1 1 0 0 5 - 1 1 5 5 5 3 3 2 4 3 3 0 0 6 4 4 3 3 0 0 6 6 6 1 1 6 6 6 6 1 1 5 5 6 6 6 6 7 2 2 2 2 1 1 5 5 2 2 2 1 1 5 5 2 2 2 1 1 5 5 2 2 2 1 1 5 5 2 2 2 1 1 1 5 5 2 2 2 1 1 1 5 5 2 2 2 1 1 1 5 5 2 2 2 2	9 10 2 3 3 5 12 6 6 6 15 10 12 12 6 6 15 10 12 12 12 12 12 12 12 12 12 12 12 12 12
\$48900  Down Jones  Nöbod  FEE TO SU  Nöbod  Nöbod	7.19961 7.4319 7	0.1 0.3 0.3 0.3 0.8 0.9 0.9 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.1 0.9 0.5 0.7 0.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0	2 3 0 2 1 1 1 0 0 5 5 1 1 5 5 5 5 5 5 5 5 5 5 5	9 10 2 3 3 5 12 6 6 6 6 15 7 7 12 6 6 8 6 6 15 14 4 4 19 3 3 3 3 6 6 9 9 17 7 6 6 9 9 17 7 6 6 9 9 17 7 6 6 9 9 17 7 6 7 7 12 7 6 8 6 6 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPS00	21,961 10,966 7,4419 10,966 7,4419 10,966 12,666 12,667 12,666 12,667 13	0.1 0.3 0.3 0.3 0.3 0.8 0.9 0.9 0.1 0.0 0.5 0.5 0.7 0.1 0.5 0.6 0.5 0.5 0.7 0.1 0.5 0.6 0.5 0.5 0.7 0.7 0.5 0.5 0.5 0.7 0.7 0.5 0.5 0.5 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.2 1.6 0.1 1.	2 3 3 0 2 1 1 1 0 0 5 - 1 1 5 5 5 3 3 3 6 4 4 3 3 0 0 6 4 3 5 5 6 6 6 7 2 2 3 3 8 2 2 2 2 1 1 1 5 5 2 7 4 6 6 7 7 2 2 3 3 8 7 2 7 4 6 6 7 7 2 2 7 7 4 6 6 7 7 2 2 7 7 4 6 6 7 7 2 7 7 4 6 6 7 7 2 7 7 4 6 6 7 7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9 10 2 3 3 5 10 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO DOW Jones Nökel  FEET TOO SE  TENES T	21,961 19,966 7,4319 19,966 12,265 12	0.1 0.3 0.3 0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.5 0.5 0.6 0.5 0.6 0.6 0.3 0.5 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 1.6 0.1 1.6 0.2 0.1 1.6 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 3 5 12 6 6 15 10 12 4 8 8 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO DOWN JONES NANCE	21,961 10,966 7,4419 10,966 7,4419 10,966 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,267 12,267 12,267 12,267 12,277 116,5 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 12,277 13,277 14,	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.1 0.5 0.6 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.7 0.9 0.7 0.9 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2   -0	2 3 3 0 2 1 1 1 1 0 0 0 5 1 1 1 1 0 0 0 5 1 1 1 1	9 10 2 3 5 11 2 6 5 10 2 4 4 7 7 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
\$45900  Down Jones  Nöbel  FEET (100 so 9)  BEX  DAX  CAC  MIEX  DAX  CAC  MIEX  DAX  CAC  MIEX  MISC LEARN'  MISC LEARN'	7.19961 10.906 7.4319 10.906 7.4319 10.908 10.208 1	0.1 0.3 0.3 0.3 0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.6 0.5 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	.0.2 1.6 0.7 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 1 1 1 1 0 0 0 5 1 1 1 1 0 0 0 5 1 1 1 1	9 10 2 3 3 5 5 12 6 6 5 10 0 2 4 1 19 1 19 1 10 1 10 1 10 1 10 1 10 1
\$45900  Down Jones  Nöbel  FEET (100 so 9)  BEX  DAX  CAC  MIEX  DAX  CAC  MIEX  DAX  CAC  MIEX  MISC LEARN'  MISC LEARN'	21,961 19,966 7,4419 19,966 12,665 12	0.1 0.3 0.3 0.3 0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.6 0.5 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.7 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.7 0.1 1.6 0.1 1.7 0.1 1.8 0.1 1.	2 3 0 0 1 1 1 1 0 0 0 0 5 1 1 1 1 0 0 0 0 5 1 1 1 1	9 10 2 3 3 5 12 6 5 10 24 9 8 8 8 10 10 11 19 11 14 10 10 11 15 7 7 11 12 11 18 16 16 17 17 7 6 9 18 16 17 7 7 6 9 18 17 7 7 6 9 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPROD DOWN JONES NINSES NINS	21,961 10,986 7,4419 10,986 7,4419 10,986 12,265 12,265 12,265 12,265 12,267 12,267 13,267 14,813 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 116,5 12,27 12,28 12,27 12,28 12,2	0.1 0.3 0.3 0.3 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.7 0.5 0.6 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.6 0.6 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   -0	2 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 5 11 2 6 5 10 2 4 4 1 9 3 3 3 3 0 0 17 14 4 7 7 12 3 3 6 6 1 1 7 4 4 7 7 1 7 1 7 1 8 1 8 1 8 1 8 1 8 1 8 1 8
SAPPSIDO DOWN JONES NANCE THESE TOOL SET	21,961 10,986 7,4319 10,986 7,4319 10,986 12,265 12,265 12,265 12,265 12,265 12,265 12,265 13,967 14,983 12,985 13,977 116,55 12,967 12,967 13,977 116,55 12,977 116,55 12,977 116,55 12,977 116,57 12,978 13,978 14	0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.7 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2   -0	2 3 3 0 0 2 1 1 1 1 0 0 0 5 1 1 1 1 0 0 0 5 1 1 1 1	9 10 2 3 3 5 5 10 2 2 4 4 10 11 17 17 17 17 17 17 17 17 17 17 17 18 18 16 16 17 17 17 18 18 16 16 17 17 17 18 18 16 17 17 17 17 18 18 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPSOD DOWN JONES NANCE	7.19961 10.986 7.4319 10.986 7.4319 10.985 10.288 7.4319 10.595 7.4319 10.595 7.4319 7	0.1 0.3 0.3 0.3 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.5 0.6 0.5 0.6 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 1.5 0.1 1.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 3 3 0 0 2 1 1 1 1 0 0 0 5 1 1 1 0 0 0 5 1 1 1 1 0 0 0 1 1 1 1	9 10 2 3 3 5 10 2 6 6 5 10 0 2 4 4 10 0 2 2 3 3 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO DOWN JONES NAVE  THE TOWN JONES NAVE  THE TOWN SO  THE TOWN SO  THE TOWN SO	21,961 19,966 7,4419 19,966 12,665 12,665 12,665 12,665 12,667 19,965 12,667 19,965 12,667 19,965 19,967 19	0.1 0.3 0.3 0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.5 0.7 0.7 0.6 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.6 0.6 0.6 0.7 0.7 0.6 0.6 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 1.6 0.7 0.0 0.6 0.3 0.0 0.8 0.8 0.9 0.9 0.8 0.4 1.9 0.9 0.8 0.5 0.1 1.5 0.1 1.5 0.5 0.5 0.1 1.5 0.5 0.5 0.5 0.1 1.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 1 0 0 0 5 1 1 5 5 8 3 3 3 4 4 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6	9 10 2 3 3 5 12 6 5 10 24 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9





Debt markets	s (10Y.%.d	anges in b	p)		
US (2-yr)	1.34	-0.6	Week	Month -4	13
US GER (2-yr)	2.26 -0.70	-3.6 -1.6	-7.7 -4.6	-5 -12	-18 8
Germany France	0.49	-5.5 -5.7	-7.8 -7.0	-7	14 -7
Spain	1.46	-4.4	-9.6	-8 -14	-6
Italy Portugal	2.02 2.84	-7.3 -4.4	-12.5 -14.4 15.3	-19	-134 -143
Greece Japan (2-vr)	5.45 -0.11	5.6 0.0	15.3 -0.9	3	-143 8
Japan Emerging Markets	0.08	0.2 Daily	-0.8 Weekly	1 Monthly	1 YTD
Brazil	9.97	-2.2	-13.4	-57	-144
Chile Colombia	4.29 6.78	-0.2 -3.7	-0.9 -2.8	13 36	-4 -31
Mexico Peru	6.85 5.34	-1.4 -0.7	-3.6 -3.6	6	-79 -113
Poland	3.36	-0.7	4.4	4	-36
Russia Turkey	7.89 10.30	2.6 -4.0	-9.3 -5.0	-2 3	-56 -70
India Indonesia	6.44	-2.7 -2.6	1.2 -1.3	-7 10	-92
Country r	isk (bp. chang	jes in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	26	-0.2	8.0	-9	-20
Italy Portugal	153 235	-1.8 1.1	-4.7 -6.6	-16 -21	-119
Spain	97	1.1	-1.8	-11	-11
2-yr so vereign spread vs Germany France	20	-3.3	-5.7	1	10
Italy Portugal	47 78	-1.3 -2.3	0.3 2.5	0 7	-14 -69
Spain	35	-1.5	-4.8	4	-13
Emerging Markets 5-yr so vereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil	207	-3.8	-5	-34	-65
Chile Colombia	65 125	-1.3 -3.4	-2 -10	-2 -12	-17 -38
Mexico	102	4.1	-5	-12	-55
Peru Venezuela	80 5,761	-2.7 220.1	-5 520	-8 1558	-28 1856
Poland	58	0.7	-2	-3	-17
Russia Turkey	163 181	0.9 -0.1	-2 -2	-5 -11	-13 -91
China	64 81	0.1	-2	-6 -8	-52 -46
Indonesia	112	0.2	-4 -4	-8 -5	-46 -44
	isk indicators		Weekly	Monthly	YTD
VIX	10	Daily -0.6	8	-9	-2
VSTOXX EM EFT volatility Index	14 15	-2.5 -0.1	-1 -2	-21 -9	-3 -28
Dollar/euro volatility	8	1.9	-2 11	13	-27
EM FX volatility index Credit spread (BAA) (bps)	7 210	-0.3 3.6	-1 6	-4 -3	-33 -17
US bonds volatility index	48	-0.8	-3	-13	-37
Banking 5 y CDS (bps) *	level 53	Daily 0.3	Weekly 0	Monthly 0	YTD -19
EZ	52	0.0	0	-5	-56
UK Large Spanish	45 49	-0.1 -0.4	-1	-8	-45 -68
Medium Spanish	92	-0.7	-3	-8	-59
Corporate 5y CDS (bps) * US Non-financial	136	Daily 0.3	Weekly	Monthly 0	YTD -19
EZ Non-financial	74	0.0	0	-5 -7	-56 -17
UK Non-financial Interbank ma	108 arkets (%, ch	0.3 anges in by		-/	-17
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	0.0
Euribor 12m	-0.15	0.00	0.0	0.0	-0.1
Libor 3m Libor 12m	1.31 1.73	0.00	0.0	0.0	0.3
	ck markets (	%)			
Main indices					
	level	Daily	Weekly	Monthly	YTD
S&P500	2,473 21,961	0.1	-0.2	2	9
S&P500 Dow Jones Nikkei	21,961 19,986	0.1 0.3 0.3	-0.2 1.6 0.2	2 3 0	9 10 2
S&P500 Dow Jones Nikkei FTSE 100	21,961	0.1	-0.2 1.6	2	9 10
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	21,961 19,986 7,431 3,482 10,595	0.1 0.3 0.3 0.8 0.9	-0.2 1.6 0.2 -0.1 0.2 0.7	2 3 0 2 1	9 10 2 3 5
S&P500 Dow Jones Niklderi FTSE 100 EuroStoxx 50 IBEX DAX CAC	21,961 19,986 7,431 3,482 10,595 12,265	0.1 0.3 0.3 0.8 0.9	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5	2 3 0 2 1	9 10 2 3 5
S&P500 Dow Jones Niklori FTSE 100 EuroStoxx 50 IBEX DAX CAC	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6	2 3 0 2 1 1 0 0 5	9 10 2 3 5 12 6 5
S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB MIB MSC Latan*	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	2 3 0 2 1 1 0 0 5 -1 5	9 10 2 3 5 12 6 5 10 24 8
SAPSOO DOW Jones Nikkel FTESE 100 EuroStoux 50 BIBCX DAX CAC MAIR MINE MINE BOOK GLEARM* BOOK GLEARM* BOOK GLEARM* BOOK GLEARM* BOOK GLEARM*	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	2 3 0 2 1 1 0 0 5	9 10 2 3 5 12 6 5 10 24
\$46500 Down Jones N\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6	-0.2 1.6 0.2 -0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4	2 3 0 2 1 1 0 0 5 -1 5 5 3 3	9 10 2 3 5 12 6 5 10 24 8 8 10
SAEPSO Down Jones Nakel TESE TIO EuroShoux 50 BER  A BER  A BER  A BER  A BER  A BER  B B B B B B B B B B B B B B B B B	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9	2 3 0 2 1 1 0 0 5 -1 5 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1
SAPPOO Down Jones 194ed 194ed 1951 THE TOO 1951 THE TOO 1952 THE TOO 1	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147	0.1 0.3 0.3 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3	0.2 1.6 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.4 1.9 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14
SAEPSO Down Jones 194ed 194e1 1951 THE TOO 1951 THE TOO 1952 THE TOO 1	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4	0.2 1.6 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 0.9 -0.8 0.4 1.9 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4
SAEPSO Down Jones Nåded TESE TIO EtaroStoux 50 BEX  BEX  ALE  ALE  ALE  ALE  ALE  ALE  ALE  A	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 -0.6	0.2 1.6 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.4 1.9 0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 4 3 6 4	9 10 2 3 5 12 6 5 10 24 8 10 -1 19 -14 39 23 4
SAPPSO Down Jones Nakel FISE TIO EuroSchux 50 BIBX CAC GAC GAC GAC GAC GAC GAC GAC GAC GAC	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 0.6 -0.4 0.6 -0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 0.2	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 4 3 6 4 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 4 10 YTD 5
SAEPSO Down Jones Nakel  TSE 1100 S  BORN S  DAY  ACAC  CAC  CAC  ACAC	21,961 19,986 7,431 3,482 10,595 51,265 51,36 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 1.9 0.9 -0.8 0.4 0.9 -0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 3 0 2 1 1 0 0 5 5 5 5 3 3 4 3 6 4 3 0 0 0 Monthly	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7
SAPPOO DOWN JONES NAME THE TOO CARGONIST ON DAY CACA CAC CAC CAC CAC CAC CAC CAC CAC	21,961 19,986 7,431 3,482 10,595 12,265 51,36 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4	0.1 0.3 0.8 0.9 1.2 0.8 0.9 1.2 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6 0.4 0.6 0.9 1.1 0.6 0.9 1.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 -0.1 0.2 -0.1 0.2 0.7 0.0 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3 0 0 Monthly 3 2	9 10 2 3 5 12 6 5 10 24 8 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7
SAEPEGO DOWN JONES 1046e1 175E T. TOO 175E	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,805 125,805 125,80	0.1 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 Daily 0.9 1.1 0.8 1.0 0.6	0.2 1.6 0.2 -0.1 0.2 -0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 0.9 1.9 1.9 0.1 Weekly 0.6 0.0 1.4 -0.5 -0.9	2 3 0 2 1 1 0 0 5 -1 5 5 3 3 4 4 3 6 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7
SAEPEGO Down Jones Nädeci TSTE STOR SE SE NÄDECI SE SE NÄDECI SE N	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 ievel 125,7 92,8 69,0 24,4 47,2 227,7 116,5	0.1 0.3 0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.1 0.6 0.4 0.9 1.1 0.8 1.0 0.9 1.2 0.8 0.9 1.2 0.8 0.9 0.9 1.2 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.5 -0.9 2.7	2 3 0 2 1 1 0 0 0 5 5 1 5 5 3 3 3 6 4 4 3 3 0 0 4 3 3 2 2 3 3 0 6 6 3 5 5	9 10 2 3 5 5 10 24 8 8 10 -1 1 39 23 4 4 10 YTD 5 7 12 6 6 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
SAEPSO Down Jones Nakel THE ETO ELEVISION SO  BLASS AND SO  ASS AND SO  ASS AND SO  ASS AND SO  MASC Lather	21,961 19,986 7,431 3,482 10,595 12,265 51,265 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1,940 105,147 105,147 105,147 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 116,9	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.4 0.6 0.4 0.8 0.9 1.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 0.2 0.1 0.2 0.7 0.0 0.5 0.6 -3.0 0.4 0.9 0.8 0.2 1.5 0.1 Westly 0.6 0.6 0.0 0.1 0.1 0.2 0.4 0.9 0.4 0.9 0.9 0.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 0 2 1 1 1 0 0 5 -1 1 5 5 5 3 3 4 4 3 3 0 0 Morathly 3 2 3 0 0 6 3 3 5 6 6 6 6	9 100 2 3 5 5 102 6 5 5 100 24 4 8 8 100 11 19 11 10 5 7 11 12 6 8 6 10 6 6 10 6 6 11
SAPPOO Down Jones Naked	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 11,940 106,147 857 3,293 5,805 1,940 125,7 92,8 69,0 4,4 47,2 7,116,5 66,9 16,9 16,9 16,9 16,9 16,9 16,9 16,9	0.1 0.3 0.8 0.9 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.1 0.8 1.0 0.8 1.	0.2 0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.3 0.4 0.9 0.9 0.9 0.1 Weekly 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 3 0 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 6 6 4 4 3 3 0 0 6 6 3 5 5 6 6 6 6 -1 1 -1 -1	9 10 2 3 5 5 12 6 6 5 10 24 8 8 10 -1 19 23 4 10 YTD 5 7 7 12 6 8 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO Down Jones  Nided  Nide	21,961 19,986 7,431 3,482 10,595 112,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 11,940 106,147 857 3,293 5,805 12,44 47,2 7,116,5 66,95 12,7 116,5 12,7 116,5	0.1 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 1.1 0.6 0.3 0.5 1.1 1.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.1 0.7 0.0 0.5 0.6 0.4 0.9 0.8 0.4 1.9 0.9 0.8 0.1 1.9 0.5 0.1 1.0 0.5 0.6 0.1 1.0 0.6 0.0 0.1 1.0 0.5 0.6 0.6 0.1 0.6 0.0 0.7 0.6 0.7 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 0 0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 3 3 6 4 3 3 0 0 Morathy 3 2 2 3 0 6 6 6 6 1 1 6 4 4	9 100 2 3 3 5 12 6 6 5 100 24 8 8 8 100 -1 1 4 4 100 YTD 5 7 7 12 6 8 6 6 10 6 6 15 14 4
SAPSOO Down Jones Waked  TSEE TOO ClaresStours 50 ClaresStours	21,961 19,986 7,431 3,482 10,595 51,365 51,365 51,367 4,983 2,386 1,940 106,147 857 3,293 1,940 106,147 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,3 15,3 15,9 2,9 15,3 15,3 15,3 15,3 15,3 15,3 15,3 15,3	0.1 0.3 0.8 0.9 0.9 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.9 0.9 0.8 0.4 1.9 0.9 0.8 0.6 0.0 1.4 0.5 0.1 Weekly 0.7 0.6 0.0 0.6 0.0 0.6 0.0 0.6 0.0 0.6 0.6	2 3 0 2 1 1 1 0 0 0 5 1 1 5 5 3 3 3 4 3 3 6 6 4 4 3 3 0 Morthly 3 2 3 3 5 6 6 6 6 1 1 6 6 4 7	9 100 2 3 3 5 5 12 6 6 5 5 100 4 8 8 8 100 4 1 1 19 9 2 3 3 4 4 10
SAPSOO Oww Jones Waked  TSEE TOO ClaveStook SO  BOX  AND  AND  AND  AND  AND  AND  AND  AN	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,385 818 79,215 66,255 51,307 3,293 2,386 1,940 106,147 857 3,293 5,205 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,3 15,3 15,3 15,3 15,3 15,3 15,3	0.1 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 0.1 1.6 0.2 0.1 0.0 0.5 0.6 0.3 0.0 0.5 0.6 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.1 0.9 0.8 0.1 0.9 0.8 0.1 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 1 0 0 0 5 -1 1 5 5 3 3 3 4 4 3 3 6 6 4 4 3 3 0 0 Morethly 3 2 2 3 3 0 6 6 6 6 1 1 6 6 6 4 7 7 2 3 3	9 100 2 3 3 5 122 6 6 5 100 24 8 8 8 100 -1 1 199 23 4 100 YTD 5 7 12 6 8 6 6 100 6 15 14 4 4 19 3 3
SAPSOO Down Jones Waked  **TSEE TOO CareStours 50  **DAX  CACAC  MISSING MISSI	21,961 19,986 7,431 3,482 10,595 51,365 51,36 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1evel 125,7 92,16 125,7 92,16 14,9 14,9 14,9 15,9 15,9 15,9 15,9 15,9 15,9 15,9 15	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.5 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 1.6 0.2 0.1 0.2 0.7 0.0 0.5 0.6 0.6 0.3 0.0 0.4 1.9 0.9 0.8 0.2 1.5 0.0 0.0 0.0 0.4 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 2 3 0 0 2 1 1 1 0 0 0 5 -1 1 5 5 3 3 4 3 6 6 4 3 3 0 0 Morethy 3 2 2 3 3 0 6 6 6 -1 6 6 4 4 7 7 2 3 8 8	9 100 2 3 3 5 12 6 6 5 10 10 24 4 8 8 10 0 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO Down Jones Waked	21,961 19,986 7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,257 4,983 2,386 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,9 15,9 15,9 15,9 15,9 15,9 15,9 15,9	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 1.0 0.8 2.0 0.8 0.8 0.8 0.8 0.8 0.8 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.1 0.2 0.7 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.6 0.3 0.0 0.6 0.8 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 0 2 1 1 1 0 0 0 5 -1 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 Morathy 3 2 2 3 3 0 6 6 -1 6 6 4 7 7 2 3 8 8 2 2 2	9 100 2 3 3 5 12 6 5 10 10 24 4 8 8 10 0 1 1 19 9 10 6 8 8 6 6 10 6 6 15 14 4 4 19 3 3 14 4 7 -12
SAPSOO  Down Jones  Water  Water  This E 100  Clarestous 5 0  BDX  AND  MISS ARMS  MSC Latam*  Bovege fillaria  MSC Arms  MSC Latam*  Bovege fillaria  MSC Latam*  MSC Latam*  Bovege fillaria  MSC Latam*  MSC Latam*  MSC Latam*  MSC Latam*  Bovege fillaria  MSC Latam*  MSC Latam*  Bovege fillaria  MSC Latam*  MSC	21/961 7.431 19.986 7.431 10.595 5.136 6.10 10.595 5.136 6.10 10.595 11.00 10.51 10.	0.1 0.3 0.3 0.8 0.9 0.9 0.9 0.1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.4 0.6 0.4 0.9 1.1 0.6 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.7 0.1 0.7 0.1 0.5 0.8 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.2 0.1 0.2 0.7 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.0 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.5 0.5 0.6 0.7 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 0 0 5 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 6 6 3 3 5 5 6 6 6 1 1 6 6 4 7 7 2 3 3 8 2 2 2 1 1 5 5	9 10 2 3 3 5 12 6 5 10 24 4 8 8 8 10 -1 19 9 2 3 4 10 9 7 12 6 6 8 8 6 6 10 6 15 14 4 4 9 19 3 14 4 7 7 -12 1 18
SAPSOO Down Jones  1846ed  1847  184	21,961 7,431 10,996 7,431 10,595 7,431 10,595 7,431 10,595 7,431 10,595 7,431 10,595 7,431 10,595 7,431 10,595 10,	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.7 0.1 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.8 0.6 0.8 0.9 1.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 1.6 0.2 0.7 0.0 0.5 0.5 0.6 0.2 0.4 0.9 0.8 0.4 0.9 0.9 0.5 0.1 1.8 0.2 1.3 0.2 1.8 1.8 1.6 1.1 1.2 0.2 1.3 1.0 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.5 0.2 1.3 1.3 1.5 0.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 3 3 0 2 1 1 1 0 0 0 5 -1 1 5 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 1 0 0 6 6 6 6 1 6 6 6 1 6 6 4 7 2 2 3 3 8 2 2 2 2 1 1	9 100 2 3 3 5 12 6 5 10 24 4 8 8 100 1-1 19 12 6 6 8 6 10 6 6 15 14 4 19 3 3 14 7 1 1 18 16 16 16 17 18 16 16 17 18 16 16 17 18 16 16 17 18 16 16 17 18 18 16 17 18 18 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO Down Jones  1846ed  175.E TOO S  1846ed  185.E TOO S  185.E TOO	2.19,61 19,966 7,431 19,966 7,431 10,595 5,136 6,136 10,13	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.5 1.1 0.6 0.6 0.3 0.7 0.9 0.9 1.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.5 0.6 0.0 0.4 0.9 0.9 0.8 0.4 0.9 0.9 0.5 0.6 0.0 0.1 1.9 0.9 0.5 0.1 1.9 0.9 0.8 0.2 1.5 0.1 1.5 0.0 0.0 1.4 1.5 0.5 0.1 1.8 0.5 0.9 0.9 0.5 0.1 1.8 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 0 0 5 5 3 3 4 4 3 6 4 3 3 0 0 6 6 3 3 5 6 6 6 4 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 4	9 10 2 3 3 5 5 12 6 6 5 10 0 24 8 8 8 10 -1 1 9 -14 4 39 9 23 4 4 10 9 12 6 8 6 6 10 0 6 6 15 14 4 7 7 12 1 18 16 16 20 14
SAPSOO Down Jones  Nided  Nide	2.19,61 19,966 7,431 10,595 7,431 10,595 10,595 11,	0.1 0.3 0.3 0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.7 1.1 0.5 1.1 0.6 0.3 0.4 1.0 0.8 1.0 0.9 1.1 0.5 0.7 1.1 0.5 0.7 1.1 0.5 0.5 1.1 0.5 0.5 1.1 0.5 0.5 1.1 0.5 0.5 1.1 0.5 0.5 1.1 0.5 0.5 0.5 1.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.2 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.7 0.0 0.5 0.6 0.5 0.6 0.7 0.9 0.8 0.4 1.9 0.2 1.5 0.1 1.6 0.2 0.5 0.1 1.6 0.0 0.1 1.6 0.0 0.0 0.1 1.6 0.0 0.0 0.1 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 2 1 1 1 0 0 5 5 3 3 3 4 3 3 6 4 3 3 0 0 6 3 3 5 6 6 6 3 3 3 8 2 2 2 7 7 4 4 6 6 7	9 10 2 3 3 5 12 6 5 10 0 24 8 8 8 10 -1 19 9 23 3 4 10 0 6 10 6 21 -6 6 10 10 10 10 10 10 10 10 10 10 10 10 10
SEPSOO  Down Jonnes  (Maked  1515 100 10  BEX  DAX  AC  CM  SEE Allerin   SEE Allerin	2.19,61 19,986 7,431 10,985 10,482 10,482 10,482 10,482 10,482 11,585 11,080 12,185 11,080 12,185 11,080 12,185 11,080 12,185 11,080 12,185 12	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.5 0.6 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.7 0.1 1.1 1.2 0.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.2 0.5 0.6 0.9 0.8 0.9 0.2 1.5 1.0 0.6 0.0 1.4 0.9 0.2 1.5 1.0 0.6 1.8 0.1 1.2 0.2 1.5 1.0 0.6 1.8 1.6 0.1 1.8 0.5 0.0 1.4 1.9 0.5 0.6 0.6 1.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 0 2 1 1 1 0 0 5 5 5 3 3 4 4 3 3 6 4 4 3 3 5 6 6 6 6 1 1 6 6 4 7 7 2 2 3 8 8 2 2 2 1 1 5 5 2 7 7 4 4 6 6 7 2 2	9 10 2 3 5 5 10 0 11 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10
SEPSOO  Down Jonnes  (Maked  1515-100. S 0  BEX.  DAX  AC  CH  SEE Allows 50  BEX.  DAX  CAC  CH  SEE Allows 50  BEX.  SEE Allows 50  BEX.  DAX  AC  CH  CH  SEE Allows 50  BEX.  DAX  AC  CH  SEE Allows 50  BEX.  DAX  AC  CH  SEE Allows 50  BEX.  DAX  AC  CH  SEE Allows 50  BEX.  DAX  BEX.  DAX  BEX.  BEX.	21,961 19,966 7,431 3,462 3,462 3,462 3,462 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,266	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.6 0.8 0.7 0.1 1.1 1.1 1.2 0.0 0.0 0.2 0.2 0.0 0.8 1.4 1.1 1.2 0.0 0.0 0.1 1.1 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.2 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.7 0.0 0.5 0.6 0.5 0.6 0.7 0.9 0.8 0.4 1.9 0.2 1.5 0.1 1.6 0.2 0.5 0.1 1.6 0.0 0.1 1.6 0.0 0.0 0.1 1.6 0.0 0.0 0.1 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 3 3 0 2 1 1 1 0 0 5 5 3 3 3 4 3 3 6 4 3 3 0 0 6 3 3 5 6 6 6 3 3 3 8 2 2 2 7 7 4 4 6 6 7	9 10 2 3 5 12 6 5 10 0 24 8 8 10 -1 19 12 6 8 10 10 6 6 15 15 11 18 16 6 2 11 18 16 6 2 11 18 16 6 2 14 36 38 38 38 38 38 38 38 38 38 38 38 38 38
SAPSOO Down Jonnes  (Marcel  SAPSOO  S	2.19,61 19,966 7.431 3.462 3.4	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.9 1.2 0.7 0.1 0.7 0.1 0.6 0.3 0.5 1.1 0.8 0.6 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 1.6 0.2 0.7 0.0 0.5 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 0 6 4 4 3 3 0 6 6 3 3 5 5 6 6 6 1 1 6 6 4 4 7 7 2 2 3 3 8 2 2 2 7 4 4 6 6 7 7 2 2 2 2 1 1 5 5 2 2 7 7 2 2 2 1 1 5 5 2 2 7 7 2 2 2 1 1 5 5 2 7 7 2 2 2 2 1 1 5 5 2 7 7 2 2 2 2 1 1 5 5 2 7 7 2 2 2 2 1 1 5 7 7 2 2 2 2 1 1 5 7 7 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 2 3 5 5 12 2 6 6 5 5 10 2 4 8 8 8 10 0 1-1 19 9 12 6 8 7 12 6 8 8 10 6 6 10 10 6 15 14 19 3 14 17 7 12 11 18 16 20 14 14 7 7 12 11 18 16 3 3 8 9 9 6
SAPSOO  Down Jones  (Maked  1515 100 0  BIX  DAX  AC  GIB  BIX  AC  AC  GIB  BIX  BIX  BIX  BIX  BIX  BIX  BIX	2.19,61 19,966 7.431 3.462 7.431 3.462 7.431 19,966 7.431 19,966 7.431 19,966 7.431 19,967 7.431 19,97	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.7 0.1 0.7 0.1 0.6 0.6 0.5 1.1 0.6 0.6 0.6 0.7 0.1 1.1 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.7 0.0 0.5 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 0 2 1 1 1 0 0 0 5 1 1 5 5 3 3 3 4 4 3 3 0 6 6 6 6 1 1 6 6 6 6 1 1 6 6 7 2 2 3 8 2 2 7 4 4 6 6 7 2 2 2 Moorathy 3.3 3 .4 4 6 7 2 2 2 Moorathy 3.3 3 .4 1 1.4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 2 3 5 5 12 2 6 6 5 10 2 4 4 8 8 8 10 0 1 4 1 10 9 1 2 3 3 1 4 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  DOWN Jones  GARGE SAPSOO  JONES JONES JONES SAPSOO  JONES JONES JONES SAPSOO  JONES	21,961 1,986 1,431 1,985 1,265	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.9 1.2 0.8 0.9 0.9 1.2 0.6 0.8 0.6 0.7 0.6 0.3 0.6 0.6 0.3 0.6 0.6 0.8 0.6 0.7 0.6 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.2 0.1 1.6 0.5 0.5 0.6 0.6 0.2 0.1 1.5 0.5 0.5 0.5 0.1 1.5 0.5 0.5 0.5 0.1 1.4 1.5 0.2 0.2 0.5 0.1 1.8 0.2 0.2 0.5 0.1 1.8 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 3 3 0 2 1 1 1 0 0 5 1 1 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 6 6 4 4 3 3 0 0 6 6 3 3 5 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 5 12 2 6 5 10 24 8 8 8 10 0 1-1 19 2 3 2 3 4 4 10 19 2 3 2 4 10 11 19 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO  Down Jones  Waked  **TSEE TOO  **Law STOLAUS 50  **Law STOLAUS 50  **DAY  ACK CAC  MISS BERNES  MSSC Lattam  MSSC	2.19,61 19,966 7.431 3.140 7.431 3.140 7.431 19,966 7.431 19,966 7.431 19,966 1	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 1.1 0.5 0.6 0.3 0.5 1.1 1.0 0.6 0.3 0.5 1.1 1.0 0.6 0.3 1.1 1.0 0.6 0.3 1.1 1.0 0.6 0.3 0.5 1.1 1.1 1.2 0.0 0.1 1.1 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.2 1.6 0.2 0.1 0.0 0.5 0.5 0.5 0.4 0.9 0.8 0.4 0.9 0.5 0.1 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 6 6 4 4 3 5 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 7 4 4 6 6 7 7 2 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 1 1 1 5 5 2 7 7 4 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	9 10 2 2 3 5 5 12 2 6 6 5 10 2 4 4 8 8 8 10 0 1 4 1 10 9 1 2 3 3 1 4 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  Down Jones  INSECTION SON JONES  INSECTION SON SON SON SON SON SON SON SON SON S	2.19,61 19,966 7.431 10,936 7.431 10,936 7.431 10,936 7.431 10,936 7.431 10,936 7.431 7.43	0.1 0.3 0.3 0.8 0.9 0.9 1.2 0.9 1.2 0.9 1.2 0.5 0.1 0.5 0.1 0.5 1.1 0.5 0.6 0.3 0.5 1.1 0.5 0.6 0.3 0.5 1.1 1.1 1.2 0.0 0.0 0.1 0.5 0.1 0.5 0.6 0.3 0.5 0.7 0.1 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 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 1.6 0.7 0.7 0.6 0.8 0.9 0.8 0.2 1.5 0.6 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.7 0.9 0.8 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 2 1 1 1 0 0 5 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 3 3 3 6 6 4 3 3 5 6 6 6 6 1 1 6 6 6 6 7 2 2 3 3 8 8 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 1 1 5 5 2 2 7 7 4 6 7 7 2 2 2 2 1 1 5 5 2 2 7 7 4 6 7 7 7 2 2 7 8 6 7 7 7 7 8 6 7 7 7 7 8 6 7 7 7 7 7	9 10 2 3 3 5 5 12 2 6 5 5 10 0 2 4 4 8 8 8 8 10 0 -1 1 19 9 6 6 1 5 5 1 4 4 7 7 1 2 2 6 6 8 6 6 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  Down Jones  (Marcel  1845	21,961 1,986 7,431 1,986 1,487 1,487 1,487 1,488	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.2 0.8 0.9 1.2 0.8 0.5 1.1 0.5 0.6 0.3 0.5 1.1 1.0 0.6 0.3 0.5 1.1 1.0 0.6 0.3 1.1 1.0 0.6 0.3 1.1 1.0 0.6 0.3 0.5 1.1 1.1 1.2 0.0 0.1 1.1 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.2 1.6 0.2 0.1 0.0 0.5 0.5 0.5 0.4 0.9 0.8 0.4 0.9 0.5 0.1 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 0 6 6 4 4 3 5 0 6 6 6 6 1 1 6 6 4 7 7 2 2 3 3 8 2 2 2 1 1 5 5 2 7 7 4 4 6 6 7 7 2 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 1 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 3 5 5 12 2 6 6 5 10 0 2 4 4 8 8 8 10 0 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  Down Jones  Idead  Ide	21,961 19,966 7,431 3,462 3,46	0.1 0.3 0.3 0.3 0.8 0.9 0.9 1.0 0.9 1.0 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.8 0.8 0.9 0.1 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 1.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 2 1 1 1 0 0 5 1 1 5 5 5 3 3 3 4 3 3 6 6 6 6 6 6 6 6 6 6 6 6 7 7 2 2 2 7 7 4 6 6 7 7 2 2 2 7 7 4 7 2 2 2 7 7 4 7 2 2 2 7 7 4 7 2 7 1 7 1 7 7 1 7	9 10 22 3 5 5 122 6 6 5 5 100 244 8 8 8 100 -1 1 39 39 39 5 7 7 12 6 6 8 8 100 6 6 15 14 4 7 7 12 1 18 16 6 31 39 9 6 7 7 6 6 9 9 7 7 6 6 9 3 3 3 3 0 0
SAPSOO  DOWN Jones  INSECTION JONES  INS	21,961 10,966 7,431 10,966 7,431 10,595 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,265 12,277 116,55 12,277 12,277 116,55 12,277 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,55 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 116,57 12,277 12,2	0.1 0.3 0.3 0.3 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.7 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.6 0.2 0.1 0.0 0.5 0.6 0.3 0.0 0.4 0.9 0.8 0.4 0.9 0.8 0.2 1.5 0.1 0.1 0.5 0.5 0.1 0.1 0.5 0.5 0.1 0.1 0.5 0.5 0.1 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 0 0 2 1 1 5 5 5 3 3 3 4 4 3 3 6 4 4 3 3 3 3 0 6 6 3 3 5 6 6 6 6 1 1 6 6 6 6 7 7 2 3 3 8 2 2 2 1 1 5 5 2 7 7 4 6 6 7 7 2 2 2 2 1 1 1 2 2 7 7 4 5 8 5 7 7 7 4 5 8 5 7 7 7 8 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 22 3 3 5 5 12 2 6 6 5 10 2 4 4 8 8 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAFSOO  Down Jones  Global  Global  SAFSON  SA	2.19,61 19,966 7.431 3.140 3.1	0.1 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	0.2 1.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0	2 3 0 0 1 1 1 1 1 0 0 0 5 1 1 5 5 5 5 5 5 5	9 10 2 3 3 3 5 5 10 2 4 4 8 8 8 8 10 9 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  DOWN Jonnes  GARDON JONN JONN JONN JONN JONN JONN JONN J	21,961 19,966 7,431 19,966 7,431 10,265 10,2	0.1 0.3 0.3 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.7 0.1 0.6 0.6 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 20 3 3 3 3 3 3 3 3 3 3 7 4 4 7 7 14 4 7 7 14 4 7 7 14 4 7 7 14 15 16 16 16 17 16 17 16 16 16 16 16 16 16 16 16 16 16 16 16
SAPSOO  Down Jones  Globel  Gl	21,961 19,966 7,431 10,965 12,265 12,265 12,265 12,265 13,267 14,863 13,460 14,47 14	0.1 0.3 0.3 0.3 0.5 0.5 0.6 0.6 0.5 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 1.6 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 1 1 1 0 0 0 5 1 1 1 0 0 0 5 5 5 5 5	9 10 2 3 3 5 5 10 2 4 8 8 8 8 8 10 0 11 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  Down Jones  Idead  Ide	21,961 19,966 7,431 3,442 3,442 3,442 3,45 19,965 1	0.1 0.3 0.3 0.3 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 1.6 0.2 1.	2 3 3 0 2 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 2 3 3 5 12 6 6 5 1 10 2 4 8 8 8 8 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  Nova Jones  Globel  Gl	21,961 19,966 7,431 10,965 7,431 10,965 11,9	0.1 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.7 0.0 0.5 0.5 0.1 0.1 0.1 0.5 0.5 0.1 1.4 0.5 0.2 0.2 0.2 0.3 0.3 0.4 1.9 0.5 0.5 0.1 1.4 0.5 0.5 0.1 1.4 0.5 0.5 0.1 1.4 0.5 0.5 0.5 0.1 1.5 0.0 0.0 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 20 21 3 3 5 5 7 12 6 6 5 5 7 12 6 8 8 8 8 8 100 11 11 11 11 11 11 11 11 11 11 11 11
SAPSOO  Down Jones  Idead  Ide	2.19,61 19,966 7.431 19,966 7.431 10,140 11,	0.1 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	0.2 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 1 1 1 1 0 0 0 5 1 1 5 5 5 5 5 5 5 5	9 10 2 3 3 5 5 10 2 4 4 8 8 8 8 10 0 11 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  Down Jones  Idead  Ide	2.19,61 19,966 7.431 19,966 7.431 10,140 11,	0.1 0.3 0.3 0.3 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 1.6 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 0 2 1 1 1 1 0 0 0 5 5 5 5 3 3 4 4 4 3 3 3 6 6 6 4 7 7 2 2 2 1 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 10 2 3 3 5 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO  Down Jones  Globel  Gl	2.19,61 19,966 7.431 19,966 7.431 10,140 11,	0.1 0.3 0.3 0.3 0.3 0.5 0.5 0.6 0.6 0.5 0.5 0.6 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 1.6 0.2 0.5 0.5 0.5 0.5 0.6 0.9 0.8 0.4 1.9 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 3 0 0 1 1 1 0 0 0 5 1 1 1 0 0 0 5 5 5 5 5	9 10 2 3 3 5 5 5 10 0 10 2 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1
SAPSOO  DOWN Jones  INSECTION JONES  INS	21,961 19,966 7,431 19,966 7,431 10,140 11,1	0.1 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	0.2 1.6 0.2 0.7 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 0 0 1 1 1 1 0 0 0 5 1 1 5 5 5 5 5 5 5 5	9 10 2 3 3 5 10 10 11 19 11 19 11 19 11 19 11 19 11 19 11 19 11 11
SAPSOO  DOWN Jones  INSECT TOO SOON JONES  IN	2.19,61 19,966 7.431 3.140 7.431 19,966 7.43	0.1 0.3 0.3 0.3 0.5 0.5 0.6 0.6 0.4 0.4 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.2 1.6 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 0 2 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 2 3 5 5 5 5 10 0 12 4 8 8 8 8 10 1-1 19 1-1 14 10 10 10 10 11 11 11 11 11 11 11 11 11
SAPSOO  Down Jones  IASHOR  IA	21,961 19,966 7,431 19,966 7,431 10,966 11,969 11,9	0.1 0.3 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.6 0.7 0.0 0.5 0.5 0.6 0.7 0.5 0.5 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 0 0 1 1 1 1 0 0 0 5 5 1 1 1 1 0 0 0 5 5 1 1 1 1	9 10 2 3 5 12 6 6 15 10 10 10 10 10 10 10 10 10 10 10 10 10



Source: Bloomberg, Datastream and Haver



Debt markets Developed Markets US (2-yr)	level	anges in t Daily -0.6	Week	Month -4	YTD 13
US	1.34 2.26	-3.6 -1.6	-4.7 -7.7 -4.6	-5 -12	-18
GER (2-yr) Germany France	-0.70 0.49 0.75	-1.6 -5.5 -5.7	-4.6 -7.8 -7.0	-12 2 -7	14 -7
Spain Italy	1.46	-4.4 -7.3	-9.6 -12.5	-8 -14	-6 15
Portugal Greece	2.84 5.45	-4.4 5.6	-14.4 15.3	-19	-134 -143
Japan (2-yr) Japan	0.11	0.0	-0.9 -0.8	1	8
Emerging Markets Brazil	9.97	Daily -2.2	Weekly -13.4	Monthly -57	YTD -144
Chile Colombia	4.29 6.78	-2.2 -0.2 -3.7	-0.9 -2.8	13	-4 -31
Mexico Peru	6.85 5.34	-1.4 -0.7	-2.8 -3.6 -3.6	6	-79 -113
Poland	3,36	-0.7	4.4	4	-36
Russia Turkey	7.89 10.30	2.6 -4.0	-9.3 -5.0	-2 3	-56 -70
India Indonesia	6.44 6.93	-2.7 -2.6	1.2 -1.3	-7 10	-92
Country ris Developed Markets	sk (bp. chang level	jes in bp) Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	26	-0.2	0.8	-9	-20
Italy Portugal	153 235	-1.8	-4.7 -6.6	-16 -21	2 -119
Spein	97	1.1	-1.8	-11	-119
2-yr so vereign spread vs Germany France	20	-3.3	-5.7	1	10
Italy Portugal	47 78	-1.3 -2.3	0.3 2.5	7	-14 -69
Spain Emerging Markets	35 level	-1.5 Daily	-4.8 Weekly	4 Monthly	-13 YTD
5-yr sovereign CDS *	207		TYCCKIY	nional sy	
Brazil Chile	207 65	-3.8 -1.3	-5 -2	-34 -2	-65 -17
Colombia Mexico	125 102	-3.4 -1.1 -2.7	-10 -5	-12 -12	-38 -55
Peru Venezuela	80 5,761	-2.7 220.1	-5 520	-8 1558	-28 1856
Poland Russia	58 163	0.7	-2 -2	-3 -5	-17 -13
Turkey China	181	-0.1 0.1	-2 -2 -2	-11 -6	-13 -91 -52
India	81	0.2	-4	-8	-46
	112 k indicator	0.2	-4	-5	-44
Volatilty indicators (%) VIX	level 10	Daily -0.6	Weekly 8	Monthly -9	YTD -2
VSTOXX EM EFT volatility Index	14	-2.5 -0.1	-1 -2	-21 -9	-3 -28
Dollar/euro volatility	8	1.9	11	13	-27
EM FX volatility index Credit spread (BAA) (bps)	7 210	-0.3 3.6	-1 6	-4 -3	-33 -17
US bonds volatility index Banking 5y CDS (bps) *	48 level	-0.8 Daily	-3 Weekly	-13 Monthly	-37 YTD
US FZ	53 52	0.3	0	0 -5	-19 -56
UK	45 49	-0.1 -0.4	0	4 -8	-45 -68
Large Spanish Medium Spanish	92	-0.7	-3	-8	-59
Corporate 5y CDS (tps) * US Non-financial	level 136	Daily 0.3	Weekly	Monthly 0	YTD -19
EZ Non-financial UK Non-financial	74 108	0.0	0 -1	-5 -7	-56 -17
Interbank ma		inges in b			
EONIA Index	-0.35	0.00	0.0	Monthly 0.0	9TD 0.0
Euribor 3m Euribor 12m	-0.33 -0.15	0.00	0.0	0.0	0.0 -0.1
Libor 3m Libor 12m	1.31	0.00	0.0	0.0	0.3
	k markets (				
Main indices	level 2.473	Daily	Weekly -0.2	Monthly	YTD
S&P500 Dow Jones	21,961	0.1	1.6	3	9 10
Nikkei FTSE 100	19,986 7,431	0.3	0.2 -0.1	2	3
	7,431 3,482 10,595	0.8	-0.1 0.2 0.7		
FTSE 100 EuroStoxx 50 IBEX DAX	7,431 3,482 10,595 12,265	0.8 0.9 0.9 1.2	0.1 0.2 0.7 0.0	2 1 1 0	3 5 12 6
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	7,431 3,482 10,595 12,265 5,136 21,585	0.8 0.9 0.9 1.2 0.8 0.5	-0.1 0.2 0.7 0.0 -0.5 0.6	2 1 1 0 0 5	3 5 12 6 5
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam *	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215	0.8 0.9 0.9 1.2 0.8 0.5 0.7	-0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4	2 1 1 0 0 5 -1 5	3 5 12 6 5 10 24 8
FTSE 100 EuroStoxx 50 IBIEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespa Girazil Mesbol	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5	-0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8	2 1 1 0 0 5 -1 5 5	3 5 12 6 5 10 24 8 8
FTSE 100 EuroStoxx 50 IBEX DAX CAC CAC MBB ASE Athens MB ASE Athens MSCI Latam* Ibovespo (Brazil) Mexbol MSCI BAE Europe * Poland	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3	-0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9	2 1 0 0 5 -1 5 5 3 3	3 5 12 6 5 10 24 8 8 10 -1
FTSE 100 EuroStox 50 IBEX DAX CAC CAC ASS Almos MSG Latam * Ibovespa (Bazel) MsG CAT Europe * Poland Micro (Strissia) Eve 100 (Trister)	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5	-0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8	2 1 1 0 0 5 -1 5 5 3	3 5 12 6 5 10 24 8 8 10
FTSE 100 Excretions 50 IBEX DAX CAC MBB ASE Altheris MSC Latam Doveron Biscali Macod Macope MSC MSC MACOPE MSC MACOPE MSC MSC MACOPE MSC MSC MACOPE MSC MSC MSC MACOPE MSC	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3	0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 -0.8 0.4 1.9	2 1 1 0 0 5 -1 5 5 3 3 4	3 5 12 6 5 10 24 8 8 10 -1 19
FTSE 100 Exception 50 IBEX DAX CAC MBB ASE Alteries MSC Latam* Doverage Biscall Method MROC Riterial MROC Riterial See 100 of Turkey MROC Riterial See 100 of Turkey Sharing And Com (China) Jakatra dindonssia)	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4	0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 0.4 1.9 0.9	2 1 1 0 0 5 -1 5 5 3 3 4 3 6 4 3	3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4
FTSE 100 Exercision, 80 BEX DAX DAX DAX MIB MASE Affects MSC Lattum* Blooverage discuss MSC Utatum* Blooverage discuss MSC ME Resope* Peland Misco (Ricussia) best 100 (Turkey) MSC GM Adia* Lattum MSC GM Adi	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 3,293 5,805 level 125,7	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9	-0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1	2 1 1 0 0 5 -1 5 3 3 4 4 3 6 4 3 0 0 5 -1 5 -1 5 -1 5 -1 5 -1 5 -1 5 -1	3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4
FTSE 100 Exception 50 BEX DAX DAX DAX DAX DAX DAX DAX DAX DAX DA	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 -0.4 Daily 0.9 1.1	-0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0	2 1 0 0 5 -1 5 5 3 3 4 3 6 4 3 0 0 Monthly 3	3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7
FTSE 100 Exception 50 IBEX DAX CAS	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6 -0.4 0.9 0.9 1.1 0.8 1.0 0.8	0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 0.8 1.9 0.9 0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 0.9	2 1 0 0 5 -1 5 5 3 3 4 3 6 4 3 0 0 Monthly	3 5 12 6 5 10 24 8 8 10 -1 19 23 4 10 YTD 5 7
FTSE 100 BEX	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.1 0.6 0.3 0.5 1.1 -1.3 0.4 0.6 0.9 1.1 0.9 1.1 0.9	-0.1 0.2 0.7 0.0 -0.5 0.6 -3.0 0.4 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.5	2 1 0 0 5 -1 5 5 3 4 3 6 4 3 0 Monthly 3 2 3	3 5 12 6 5 10 24 8 8 10 -1 19 -14 39 23 4 10 YTD 5 7
FTSE 100 Exception 50 BEX DAX DAX DAX DAX DAX DAX DAX DAX DAX MBB MSB MSC Latten* Bloovepas (Blact) Model Mo	7.431 3.482 10.595 12,265 5.136 21,585 818 79.215 66,255 51,307 4,983 2.386 1,940 106,147 857 3.293 5,805 level 125,7 92.8 69.0 24.4 47.2 227.7 116.5 66.9	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 -1.3 0.4 Daily 0.9 1.1 0.8 1.0 0.6 1.0 0.8	0.1 0.2 0.7 0.0 0.5 0.6 3.0 0.4 0.9 -0.8 0.4 1.9 0.9 -0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 -0.5 0.0 0.4 0.9 0.9 0.9 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 1 0 0 5 -1 5 5 3 3 4 4 3 6 4 3 0 Monthly 3 0 6 3 6	3 5 12 6 5 10 24 8 10 -1 19 -14 39 23 4 10 YTD 5 7 7 12 6 8 8 10 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
FTSE 100 Exception 50 IBEX DAX MISS AS Affers MSCI Latam* Ibbovepas Blazil Mocod Marco Marco Mocod Moc	7.431 3.482 10.595 12,265 5.136 21,585 818 79,215 66,255 51,307 4,983 2.386 1,940 106,147 857 3.293 5.805 level 125,7 92.8 69.0 24,4 47,2 227,7 116,5 66,9 14,9 15,3	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.3 0.5 1.1 1.3 0.4 0.6 0.4 0.4 0.6 0.9 1.1 0.8 2.0 0.8 2.0 0.2 1.5	0.1 0.2 0.7 0.0 0.5 0.6 0.0 0.9 0.8 0.4 1.9 0.9 0.8 0.2 1.5 0.1 Weekly 0.6 0.0 1.4 0.5 0.9 2.7 0.4 2.6 0.2 6.6	2 1 0 0 5 -1 5 5 5 3 4 4 3 6 4 4 3 0 Monthly 3 2 3 6 6 4 4 5 6 6 6 6 6 6 6 6 6 6 6 7 8 7 8 8 8 8 9 8 9 6 8 9 6 8 8 8 8 9 8 8 8 8	3 5 12 6 5 10 24 8 10 -1 19 -14 39 23 4 10 YTD 5 7 12 6 8 10 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
FTSE 100 Exceptions 50 IBEX OAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 14,9 15,3 15,3 15,3 15,3 16,9 16,9 16,9 16,9 16,9 16,9 16,9 16,9	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.6 1.1 1.1 1.3 0.4 0.6 0.4 Daily 0.9 1.1 0.8 2.0 0.2 1.5 0.8	0.1 0.2 0.7 0.0 0.5 0.6 0.3 0.0 0.4 0.9 0.8 0.2 1.9 0.8 0.2 1.0 0.6 0.0 0.0 1.4 0.5 0.0 0.0 1.4 2.6 6.6 1.8	2 1 1 1 0 0 5 -1 1 5 5 5 3 3 4 4 3 3 6 6 4 4 3 3 0 0 6 6 3 5 5 6 6 6 -1 1 6 6 4 4	3 5 12 6 5 10 24 8 8 10 1 19 14 14 10 VTD 5 7 12 6 6 8 6 10 6 6 15 14 15
FTSE 100 Excessions 50 IBEX DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 level 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,9 115,3 115,9 15,9 15,9 15,9 16,9 16,9 16,9 16,9 16,9 16,9 16,9 16	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.4 1.1 1.1.3 0.6 0.4 0.8 1.0 0.6 0.8 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.1 0.2 0.7 0.0 0.5 0.6 0.3 0.0 0.4 0.9 0.8 0.2 0.1 1.5 0.6 0.0 0.6 0.6 0.6 0.7 0.9 0.8 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 0 0 0 5 -1 1 5 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 6 6 3 3 5 6 6 6 -1 1 6 6 4 7 7 2	3 5 5 12 6 5 5 10 24 8 8 8 10 -1 19 19 114 39 9 115 5 7 7 12 6 8 6 6 10 6 6 15 11 14 4 19 19
FTSE 100  Exception 50  IBEX  DAX  CAC  CAC  CAC  CAC  CAC  CAC  CA	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 857 3,293 5,805 1,940 105,147 47,2 227,7 116,5 66,9 14,9 15,9 15,9 15,9 16,9 16,9 16,9 16,9 16,9 16,9 16,9 16	0.8 0.9 0.9 1.2 0.8 0.5 0.7 0.7 0.6 0.3 0.5 1.1 1.3 0.4 0.6 0.4 0.6 0.8 1.0 0.6 0.8 2.0 0.2 1.5 0.8 0.8 1.4 0.7	-0.1 0.2 0.7 0.0 0.5 0.6 0.6 0.3 0.0 0.4 0.9 0.9 0.9 0.2 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 1 1 0 0 5 5 5 5 3 3 4 4 3 3 6 4 4 3 3 0 0 Monthly 3 2 3 0 6 6 6 6 6 6 6 6 6 4 7 7	3 5 12 6 5 10 24 8 8 8 10 -1 14 39 23 4 4 10 YTD 5 7 12 6 8 6 10 6 6 21 14 4 4 4
FTSE 100 Exceptions 50 IBEX OAX OAX OAX OAX OAX OAX OAX OAX OAX OA	7,431 3,482 10,595 12,265 5,136 21,585 818 79,215 66,255 51,307 4,983 2,386 1,940 106,147 87 3,293 5,805 1evel 125,7 92,8 69,0 24,4 47,2 227,7 116,5 66,95 14,9 15,3 15,3 15,3 15,3 15,3 15,3 15,3 15,3	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.6 0.4 1.1 1.1.3 0.6 0.4 0.8 1.0 0.6 0.8 1.0 0.8 1.0 0.8 1.0 0.8 0.8 0.8 0.9 0.9 1.1 0.0 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.1 0.2 0.7 0.0 0.5 0.6 0.6 0.0 0.9 0.8 0.4 0.9 0.9 0.8 0.2 0.8 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2 1 1 1 0 0 5 5 5 5 3 3 3 4 4 3 3 6 6 4 4 3 3 0 0 Monthly 3 5 6 6 6 6 4 7 7 2 3 3 3	3 5 12 6 5 10 24 8 8 8 10 -1 19 19 14 19 19 15 7 7 12 6 8 6 10 6 6 21 14 4 19 3 3
FTSE 100  Exception 50  IBEX  OAX  CAG  CAG  CAG  CAG  CAG  CAG  CAG  C	7.431 1.055 5.136 6.05 6.05 6.05 6.05 6.05 6.05 6.05 6.0	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 1.1 0.6 0.4 0.4 0.8 1.0 0.8 1.0 0.8 1.0 0.8 0.8 1.0 0.8 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-0.1 0.2 0.7 0.0 0.5 0.6 0.6 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.0 0.6 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.6	2 1 1 1 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 5 12 6 5 10 24 8 8 10 -1 19 14 10 5 7 12 6 8 6 10 6 6 21 14 19 3 14 17 7 12 1 1
FTSE 100  Exception 50  IBDX  OAX  CAG  CAG  CAG  CAG  CAG  CAG  CAG  C	7.431 1.255 1.356 1.356 1.356 1.356 1.356 1.356 1.356 1.356 1.357 1.356	0.8 0.9 1.2 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 1.1 0.6 0.3 0.6 0.3 1.0 0.8 1.0 0.8 1.0 0.8 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	90.1 0.2 0.7 0.0 0.5 0.5 0.6 0.5 0.6 0.3 0.0 0.9 0.8 0.4 1.9 0.9 0.8 0.2 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 1 1 1 0 0 5 5 1 1 5 5 5 3 3 3 4 4 3 3 0 0 6 6 6 6 1 1 6 6 4 4 7 7 2 2 3 3 8 8 2 2 2 2 1 5 5 2	3 5 12 6 5 5 10 0 24 8 8 8 10 -1 19 23 4 10 9 17 12 6 6 8 6 6 10 6 6 21 14 4 19 3 3 14 7 7 7 12 12 1 18 16 16
FTSE 100  Exception 50  IBEX  DAX  CAC  CAC  CAC  CAC  CAC  CAC  CA	7.431 1.0595 21.055 21.055 21.055 21.055 21.055 21.055 21.055 21.055 21.055 21.055 21.055 21.055 21.05	0.8 0.9 0.9 0.9 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.5 0.6 0.3 0.5 1.1 1.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	90.1 0.2 0.7 0.0 0.5 0.5 0.6 0.5 0.6 0.3 0.0 0.9 0.8 0.2 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 1 1 1 0 0 5 5 1 1 5 5 5 3 3 4 4 3 3 0 0 6 6 6 6 4 1 6 6 6 4 1 5 2 2 2 2 1 1 5 5 2 7 7 4 4	3 5 12 6 6 5 10 10 11 18 16 6 20 14
FTES 100 Exercision. S0 IBEX DAY	7.431 1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	0.8 0.9 0.9 0.9 0.8 0.5 0.7 0.1 0.5 0.6 0.3 0.5 0.5 0.6 0.3 0.5 0.1 1.1 0.4 0.9 0.1 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	90.1 0.2 0.7 0.0 0.5 0.5 0.5 0.6 0.3 0.0 0.9 0.8 0.2 1.5 0.6 0.0 0.8 0.2 1.5 0.5 0.6 0.6 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2 1 1 1 0 0 5 1 1 1 5 5 5 3 3 3 4 4 3 3 0 0 6 6 6 6 6 6 6 6 6 1 6 6 6 7 2 2 2 7 7 4 6 6 7 7	3 5 12 6 5 10 24 8 8 8 10 -1 19 14 4 19 23 4 4 10 VITO 6 8 8 6 6 10 6 11 18 14 4 19 3 3 14 7 7 -12 1 18 16 16 20 14 36 38
FTSE 100  Exception 50  IBEX  DAX  DAX  MIB  ASS. Affers  MIS Latura*  Ibioverps (Barch  Mock)  Mock Except  Mock Except  Mock Except  Mock Except  Mock Except  Mock Clinical  John Latura	7.431 1.0595 1.0596 1.0	0.8 0.6 0.1 1.1 1.1 1.2 2.0 0.0 1.4 1.1 1.7 0.4 0.6 0.3 0.1 1.0 0.6 0.3 0.1 1.1 1.7 0.4 0.6 0.3 0.1 1.1 1.7 0.4 0.6 0.3 0.1 1.0 0.6 0.3 0.1 1.1 1.7 0.4 0.6 0.3 0.1 1.0 0.6 0.3 0.1 1.0 0.6 0.3 0.1 1.0 0.6 0.3 0.1 1.0 0.6 0.3 0.1 1.1 1.7 0.4 0.6 0.3 0.1 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	9.1 0.2 0.7 0.0 0.5 0.6 0.3 0.9 0.4 1.9 0.9 0.2 1.5 0.1 1.4 0.9 0.2 1.5 0.1 1.4 2.6 0.2 1.5 1.6 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	2 1 1 1 0 0 0 5 1 1 5 5 3 3 4 4 3 3 0 6 4 3 3 2 2 3 0 6 6 6 6 1 1 6 6 6 6 7 7 7 2 2 3 8 8 2 2 2 1 5 5 2 2 7 7 4 6 6 6	3 5 12 6 6 5 100 24 8 8 10 1-1 14 39 23 4 10 YTD 5 7 7 12 6 8 6 10 16 11 14 4 19 3 14 7 7 12 1 18 16 20 14 36 36
FTSE 100 Excessions 50 IBEX OAX CAG	7.431 1.0595 1.0596 1.0	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.5 0.5 0.5 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.6 0.6 0.3 0.5 0.6 0.6 0.0 0.9 0.1 1.1 0.2 0.0 0.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	9.1 0.2 0.7 0.0 0.5 0.6 0.5 0.9 0.4 1.9 0.9 0.8 0.1 0.9 0.8 0.1 0.9 0.8 0.9 0.9 0.8 0.9 0.9 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 1 0 0 0 5 -1 1 5 5 5 3 3 3 4 4 3 3 6 6 4 4 3 3 0 0 6 3 3 5 5 6 6 6 6 -1 1 6 6 4 7 7 2 2 3 8 8 2 2 2 -1 1 5 5 2 2 7 7 4 4 6 6 7 7 2 2 2	3 5 12 6 6 5 100 24 8 8 10 1-1 14 39 23 4 10 YTD 5 7 7 12 6 8 6 10 6 8 14 14 19 3 14 7 7 12 1 18 16 20 14 36 38 9 9
FTSE 100 Excessions 50 IBEX DAX CAG	7.431 1.0595 1.055 1.055 1.055 1.055 1.055 1	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	9.11 9.22 9.77 9.00 9.05 9.05 9.06 9.07 9.08 9.04 9.09 9.09 9.09 9.09 9.09 1.9 9.09 1.9 9.09 1.1 1.00 9.08 9.09 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	2 1 1 1 0 0 0 5 - 1 1 5 5 5 3 3 3 4 4 3 3 0 6 6 6 6 3 3 5 5 6 6 6 6 4 7 7 2 2 3 8 8 2 2 2 - 1 1 5 5 2 2 7 7 4 4 6 6 7 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 5 12 6 6 5 10 24 8 8 8 10 -1 19 11 14 10 15 7 7 12 6 6 8 16 6 6 10 6 6 15 14 4 17 7 11 18 16 16 20 14 18 16 38 8 9 6 6
FFSE 100  Exceptions 50  BEX  DAY  DAY  DAY  MISS  MISS  MISS  MISS Lature*  Biboverea disease  MISS Categor  MISS	7.431 1.0595 1.0	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	90.1 0.2 0.7 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 1 1 1 0 0 0 5 5 1 1 5 5 5 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 5 12 6 6 5 10 24 8 8 8 10 -1 19 23 3 4 10 17 17 17 17 17 17 17 18 18 16 18 18 18 18 18 18 18 18 18 18 18 18 18
FTSE 100 Exercision. S 0 IBEX DAY DAY DAY MISS MISS MISS MISS MISS Lattan* Ibioverso (Bissel) Miss ASK Affens MISS Lattan* Miss (Bissel) Miss	7.431 1.2265 5.1366 6.227 1.227 7.22	0.8 0.6 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	90.1 0.2 0.7 0.0 0.5 0.6 0.6 0.6 0.0 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 1 1 1 0 0 0 5 5 1 1 5 5 5 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 5 12 6 6 5 10 24 8 8 8 10 -1 19 1-14 10 23 3 4 4 10 10 15 7 7 12 6 6 6 10 10 10 10 11 11 18 16 10 10 11 18 16 10 10 11 18 16 10 10 11 18 16 10 10 11 11 18 16 10 10 11 11 18 16 10 10 11 11 18 16 10 10 11 11 11 11 11 11 11 11 11 11 11
FTSE 100 Exercisions 50 IBEX OAX CAC ACA CAC CAC CAC CAC CAC CAC CAC C	7.431 1.2265 5.1385 6.1056 6.255 5.1307 6.256 6.255 5.1307 6.256 6.255 5.1307 6.256 6.255 5.1307 6.256 6.255 5.1307 6.256 6.25	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.5 0.7 0.1 0.5 0.5 0.7 0.1 0.5 0.5 0.7 0.1 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.1	2 1 1 1 0 0 0 5 1 1 5 5 5 5 5 5 5 5 5 5 5	3 5 12 6 6 5 10 24 8 8 8 10 11 19 12 6 8 6 6 10 12 1 18 16 6 16 16 17 12 18 16 16 17 18 18 16 16 17 18 18 16 17 18 18 16 18 18 16 18 18 18 18 18 18 18 18 18 18 18 18 18
FTSE 100  Exceptions 50  IBDX  IBDX  IBDX  IBDX  IBDX  IBDA  ASA Affens  IBDA	7.431 1.0595 2.1055 2.1055 2.1055 2.1055 2.1055 2.1055 2.1055 2.1055 2.1055 2.1055 2.1	0.8 0.9 0.9 0.9 1.2 0.8 0.5 0.5 0.7 0.1 0.5 0.5 0.7 0.1 0.5 0.6 0.5 0.7 0.7 0.5 0.6 0.5 0.5 0.7 0.7 0.5 0.6 0.5 0.5 0.7 0.7 0.7 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-0.1	2 1 1 1 0 0 0 5 1 1 5 5 5 3 3 3 4 3 3 0 6 6 3 3 5 5 6 6 6 1 1 6 4 4 4 1 9 2 2 2 1 1 5 5 2 2 7 4 4 1 1 9 2 5 8 5 7 7 7 7 8 8 5 7 7 7 7 7 7 7 8 8 5 7 7 7 7	3 5 12 6 6 5 10 24 8 8 10 -1 19 14 39 17 17 12 6 6 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
FFSE 100  Exceptions 50  BEX  DAX  MISS A Edinos  MISS ASS Affors  MISS Lattum*  Biboverea difficulty  MISS ASS Affors  MISS Lattum*  Biboverea difficulty  MISS ASS Affors  MISS ASS ASS Affors  MISS ASS ASS ASS ASS ASS ASS ASS ASS ASS	7.431 1.0595 2.10595 2	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.1 0.2 0.2 0.7 0.0 0.5 0.5 0.5 0.9 0.8 0.2 1.5 0.2 0.7 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 1 0 0 0 5 1 1 1 5 5 5 3 3 3 4 4 3 3 6 4 3 3 6 6 6 6 6 6 6 6 6	3 5 12 6 6 5 10 24 4 8 8 10 -1 19 14 39 3 4 4 19 17 12 6 8 8 6 6 10 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FESE 100  ELEVISION, \$5 0  BEX  DAX  MISS  ASS. Affers  MISC Latan*  Biboverge Blanch  Mock Classia  be 100 (Tutker)  MISC MALIA*  Shortpart Cort.  Shortpart Cort.  MISC MALIA*  JEM  LOCAL  JEM  LOCAL  JEM  LOCAL  LO	7.431 1.0595 2.10595 2	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.1 0.2 0.2 0.7 0.0 0.5 0.5 0.0 0.9 0.8 0.9 0.9 0.8 0.2 0.5 0.1 1.5 0.0 0.1 1.4 0.5 0.2 0.2 0.5 0.5 0.1 1.8 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	3 5 5 12 6 6 6 6 10 6 10
FTSE 100 Exceptions 50 IBEX DAX MISS ASEA MISS	7.431 1.268 3.482 10.595 5.805 1.591 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255 1.505 6.255	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-2 0-2 0-2 0-3 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 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	3 5 12 6 6 5 7 12 6 6 9 7 12 1 8 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FTES 100 Exercisions 50 IBEX DAY IBEX DAY IBEX DAY IBEX DAY IBEX DAY IBEX MISS MSC Lattum* Ibeoverse disease IBEX IBEX IBEX IBEX IBEX IBEX IBEX IBEX	7.431 1.0595 2.10595 2	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.1 0.2 0.7 0.5 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 5 12 6 6 6 10 6 6 11 18 6 6 6 11 18 18 18 18 19 19 18 18 18 19 19 19 18 18 18 18 18 18 18 18 18 18 18 18 18
FTES 100 Exercisions 50 IBEX DAY DAY MED ASS. Affers MSC Lattan* Ibioverse disease I	7.431 1.0595 2.010	0.8 0.6 0.4 1.1 1.2 1.2 1.5 0.6 0.8 2.0 0.2 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0-11 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 12 6 6 5 5 7 12 6 6 8 6 6 10 12 12 12 12 12 12 12 12 12 12 12 12 12
FESE 100 ELEVATION S 0 IBEX  DAX  MED  ASS. Affers  MSC Latten* Ibboverage Bland Mocket Mocke	7.431 1.0595 2.050	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0:1 0.2 0.2 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 12 2 6 8 8 10 0 1 7 7 12 6 8 8 6 10 10 6 15 14 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FESE 100  Leverations 50  IBEX  JOAN  LONG	7.431 1.268 3.482 10.595 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 5.1007 1.268 6.255 6.258 6.	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-2 0-2 0-2 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 5 12 2 6 8 8 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FESE 100 ELEVATION S 0 IBEX  DAX  MED  ASS. Affers  MSC Latten* Ibboverage Bland Mocket Mocke	7.431 1.0595 2.1	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.5 0.5 0.7 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0-11 0-2 0-2 0-3 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 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 12 6 6 5 5 10 2 4 8 8 8 10 0 10 10 10 10 10 10 10 10 10 10 10 1
FTSE 100  Exceptions 50  BEX  DAX  MISS  ASS Affers  MISC Latten*  Biboverge disease  MISC Latten*  Biboverge disease  MISC Latten*  Biboverge disease  MISC Market  Misc Gross  Misc Control  Misc Contro	7.431 1.0595 2.10595 2	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.1	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 12 6 6 5 5 10 24 8 8 10 10 12 4 8 8 10 10 12 4 11 11 11 11 11 11 11 11 11 11 11 11 1
FTSE 100 EuroStox 50 IBEX IDEX IDEX IDEX IDEX IDEX IDEX IDEX ID	7.431 1.265   6.025   7.1059	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-2 0-2 0-2 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 5 102 6 6 5 5 102 104 8 8 8 101 0 104 104 104 104 104 104 104 104 1
FTSE 100 Leverostous 50 IBEX JOAN JOAN JOAN JOAN JOAN JOAN JOAN JOAN	7.431 1.268 3.482 10.595 5.26	0.8	0-1 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 5 12 2 6 8 8 10 10 19 19 19 19 19 19 19 19 19 19 19 19 19
FTES 100 Executions 50 IBEX DAY IBEX DAY IBEX DAY IBEX DAY IBEX DAY IBEX DAY IBEX MISS ASE Affects MISS LATER MISS ASE Affects MISS LATER MISS ASE Affects MISS CARE MISS ASE Affects MISS CARE MISS ASE Affects MISS CARE MISS CA	7.431 1.0595 2.1	0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-2 0-2 0-3 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 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 5 12 6 6 5 5 10 24 8 8 8 110 124 8 8 8 110 124 125 12 12 12 12 12 12 12 12 12 12 12 12 12



Source: Bloomberg, Datastream and Haver

## \* With one day delay

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