

Market Comment | Risk assets rebounded moderately after last week's sharp drop

Global Financial Markets Unit 16 Oct 2018

- Financial markets recovered today despite ongoing geopolitical and trade tensions and ahead of the EU Summit on Brexit. In this context, equity indices rose across the board: US equity indices were up, favoured by technological stocks, while the implied volatility VIX decreased to 19%. Meanwhile European and Asian equity markets also closed with gains, with the main exception of Chinese stocks.
- Core yields were broadly steady: the US 10Y Treasury yield remained hovering around 3.15% while the 10Y Bund yield continued close to the 0.50% level, the latter despite the release of lower-than-expected economic sentiment figures (ZEW) in Germany (see).
- The relative calm in European markets was also supported by a narrowing of Italy's risk premium
 with little impact on the Spanish and Portuguese risk premia. After the presentation of Italy's 2019
 budget to the EU commission, tensions are expected to remain as Juncker hinted at a potential rejection of the proposal (see).
- Regarding FX markets, the stability of the USD (despite the release of higher-than-expected production data <u>(see)</u>) continued to give some relief to EM currencies, which appreciated across the board. However, DM currencies such as the JPY and the CHF depreciated against the US dollar in a context of low appetite for safe haven currencies.
- Crude oil prices increased slightly despite the release of figures showing increases in both US oil supply and inventories. Moreover, a reduction in oil exports from Iran weighed somewhat (see).

Table 1 Update 18:15 CET October 16



Developed Markets	s (10Y, %, ch level			Month	94
US (2-yr)	2.86 3.15	0.6 -0.2	-2.4 -5.2	8 16	94 69
GER (2-yr) Germany	-0.56 0.49	0.3 -1.2	-3.8 -5.8	-2 4	-3
France Spain	0.84 1.64	-2.6 -3.6	-4.7 4.3	8 16	-3
Italy Portugal	3.45 1.94	-9.3	-2.3 -3.5	47 8	136
Greece	4.28	-10.7		19	18
Japan (2-yr) Japan	-0.11 0.15	0.1 0.4	-0.1 -1.3	3	2 10
Emerging Markets Brazil	10.31	Daily -25.8	Weekly -41.8	Monthly -209	YTD 5
Chile Colombia	4.55 7.07	-0.7 -0.6	0.5 13.0	4 16	63
Mexico	8.07	-1.3 1.9	-7.4	5	49 51
Peru Poland	5.39 3.22	-2.4	4.3 -7.9	18 -2	
Russia Turkey	8.67 17.51	-10.4 -29.0	-31.3 -210.0	-29 -33	103 615
India Indonesia	17.51 7.87 8.83	-4.9 -4.5	-210.0 -20.2 22.6	-33 -25 42	49 254
Country	isk (bp. chang	es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	35	-1.4	1.1	4	5
Italy Portugal	145	-4.9	2.3	4	139
Spain 2-yr sovereign spread vs Germany	115	-2.4	10.1	12	0
France	18	-0.3	-0.4	0	2
Italy Portugal	186 46	-16.2 -1.2	-4.8 3.4	46 2	149
	42	-1.9 Daily	4.3	10 Monthly	15 YTD
5-yr sovereign CDS *	ievei		weekiy		
Brazil Chile	221 46	-1.3 -1.5	0	-60 -3	60
Colombia	121	-0.5	0	14	16
Argentina Mexico	594 121	-20.6 -0.3	-42 -1	-93 9	356 14
Peru Poland	79 67	-1.1 -0.3	0	6	7 18
Russia	148	-5.1	-7	-20	30
Turkey China	388 67	-9.1 2.2	-34 2	-68 11	224 16
India Indonesia	111 146	0.4	1	10	42 61
R	146 isk indicators		- 1	12	
Volatilty indicators (change in pp) VIX	level 19	Daily -2.6	Weekly	Monthly	YTD 9
VSTOXX	17	-2.2	0	3	3
EM EFT volatility Index Dollar/euro volatility	24 7	-1.6 -0.2	1	4	8
EM FX volatility index	10	-0.4	0	-2	2
Credit spread (BAA) (change in bps) US bonds volatility index Inflation expectations (%)	190 51	0.2 -3.1	5 -2	2 4	12
Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2.45	Daily	Weekly 1	Monthly 6	YTD
EZ Inflation expectations (5Y5Y)	2.45 1.68		0	-4	-6
Banking 5 y CDS (bps) * US	level 56	Daily 1.0	Weekly 6	Monthly 9	YTD 14
EZ	103	-0.7	5	24	63
UK Large Spanish	68 80	-1.4	-3 -1	14 19	27 45
Medium Spanish	95	0.1 Daily	0	7	20 YTD
US Non-financial	162	1.0	6	9	14
EZ Non-financial UK Non-financial	81 103	-0.7 -0.2	5	24	63 10
Interbank m	arkets (%, che	anges in b)		
EONIA Index	-0.37	Daily	Weekly	Monthly	YTD
Euribor 3m Euribor 12m	-0.32 -0.16	0	0	0	- 1
Libor 3m	2.45	1	3	11	75
Libor 12m	2.97 ick markets (0	1	9	86
510	ck markets (
					1000
	level 2.790	Daily 1.4	Weekly	Monthly -4.0	YTD 3
Dow Jones	25,620	1.4 1.5	-3.1 -3.1	-4.0 -2.0	3
Dow Jones Nidosi FTSE 100	25.620 22,549 7.059	1.4 1.5 1.2 0.4	-3.1 -3.1 -3.9 -2.5	-4.0 -2.0 -2.4 -3.3	3
Dow Jones Nikkel FTSE 100 EuroStoxx 50	25,620 22,549 7,059 3,257	1.4 1.5 1.2 0.4 1.5	-3.1 -3.1 -3.9 -2.5 -1.9	-4.0 -2.0 -2.4 -3.3 -2.6	3 -1
Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	25,620 22,549 7,059 3,257 9,075 11,777	Daily 1.4 1.5 1.2 0.4 1.5 1.7	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9	3 -1 -8 -7 -10
Dow Jones Vikida Vikida Vitis 100 EuroStoxo 50 BBEX DAX CAC	25,620 22,549 7,059 3,257 9,075 11,777 5,173	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6	3 3 -1 -8 -7 -10 -9 -2 -10
Dow Jones Nikiral FTSE 100 EuroStoxx 50 BEX DAX CAC MIB	25.620 22.549 7.059 3.257 9.075 11.777 5.173 19,718 645	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 3.0	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4	3 3 -1 -8 -7 -10 -9 -2 -10 -21
Dow Jones Wilder ETSE 100 EBEX DAX CAC MIB MSE ASTERNS MSE ASTERNS MSCI Latam* Iboverpus (Bezal)	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983	1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 3.0 -2.3 -1.3	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 4.3 12.7	3 3 -1 -8 -7 -10 -9 -2 -10 -21 2
Dow Jones Nikler FTSE 100 EEE/STOR 50 BEX DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3	3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -3.0 -2.3 -1.3 -0.5 -0.3	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2	3 3 -1 -8 -7 -10 -9 -2 -10 -21 2 9 -4 -5
Dow Jones Mikled FTSE 100 Exercision 50 BEX DAX CAC CAC Mikled MSE Alberts MSE Jaberts M	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -3.0 -2.3 -1.3 -0.5 -0.3 -2.1	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5	3 3 -1 -8 -7 -10 -9 -2 -10 -21 2 9 -4 -5 -1
Dow Jones Mikled FTSE 100 Exercision 50 BEX DAX CAC CAC Mikled MSE Alberts MSE Jaberts M	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.0 0.8	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -2.3 -1.3 -0.5 -0.3 -2.1 -1.5 -1.6	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.7 -2.2 0.5 -0.7 -0.4	3 3 4 8 -7 -10 9 -2 -10 -21 2 9 -4 -5 -1
Dow Jones Wikled FTSE 100 FTSE	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2 -1.2	3.1 3.1 3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8 3.0	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 3.9 -6.9	3 3 -1 -8 -7 -10 -9 -2 -10 -21 2 9 -4 -5 -1 -10 5 -16 -14
Down Jones Wilded TTSCT 100 TTSCT 10	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2 -1.2 -0.8	3.1 3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8 3.0 6.4	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 3.9 -0.6 -0.5 -0.7 -0.6 -0.5 -0.7 -0.6 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.	3 3 -1 -8 -7 -10 -9 -2 -2 -10 -21 2 9 -4 -5 -1 -10 5 -14 -14
Down Jones Wilded 1755 100 175	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 0.6 1.9 1.1 0.3 0.2 0.3 0.4 0.6 0.6 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -3.0 -2.3 -1.3 -0.5 -1.6 -1.8 -3.0 -6.4 -0.7 	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 3.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6	3 3 4 1 8 7 7 10 9 9 2 10 21 2 9 4 4 5 1 1 10 5 10 10 10 10 10 10 10 10 10 10 10 10 10
Down Jones Wilsold 1755:100 17	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 lovel 137,7	1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2 -0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-3.1 -3.1 -3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -2.3 -0.3 -0.3 -0.1 -1.6 -1.8 -3.0 -6.4 -0.7 -0.4 -0.7 -0.4 -0.7 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.7 -2.2 0.5 -0.7 -0.4 -0.9 -	3 3 4 1 8 8 7 10 9 9 2 2 10 21 2 9 4 5 1 1 10 5 1 10 5 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Down Jones Wished Wishe	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 5,801 1,	Dailty 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 0.3 0.2 2.2 0.8 -0.2 -1.2 -0.8 0.8 Dailty 1.7 1.6 0.7	3.1 3.1 3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 3.0 -2.3 -0.5 -0.3 -2.1 -1.5 -1.6 1.8 -3.0 -6.4 0.7 	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.2 0.5 -0.7 -0.4 3.9 -6.9 -6.0 -1.0 Monthly -4.9	3 3 4 1 8 7 7 100 9 9 2 2 110 2 2 1 2 9 9 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jones Welstell TISE 100 T	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 5,801 level 137,7 108,0 69,7 28,2	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 1.6 0.6 0.6 0.1 0.3 0.2 2.2 0.8 0.8 0.1 1.7 1.7 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	3.1 3.1 3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 3.0 -2.3 -1.3 -0.5 -0.3 -2.1 -1.5 -1.8 -3.0 -6.4 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-4.0 -2.0 -2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.7 -2.7 -0.5 -0.7 -0.4 -3.9 -6.9 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	3 3 4 -8 -7 -10 -9 -2 -11 2 -9 -4 -5 -1 -10 -9 -2 -1 -2 -1 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Down Jones Well State S	25,620 22,549 7,059 3,257 7,059 3,257 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level 137,7 108,0 69,7 28,2	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.6 0.6 1.9 1.1 1.1 0.3 0.2 2.2 0.8 0.8 0.8 0.8 0.8 0.8 1.9 1.1 1.7 1.6 0.7 0.9	3.1 3.1 3.9 2.5 1.9 2.0 1.7 2.7 2.7 1.7 3.0 2.3 4.3 4.3 4.1 4.1 5.7 3.0 6.4 0.7 Weekly 4.1 5.7 3.0 6.0	4.0 2.0 2.4 3.3 2.6 3.1 2.9 3.4 5.6 5.4 4.3 12.7 2.7 2.7 2.0.5 0.7 4.9 4.9 4.8 1.2 7.2 7.2 7.2 9.5 9.5 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6	3 3 4 7 -100 9 9 -2 100 -211 2 9 -4 -4 -5 -1 -100 5 -1 -14 -24 -9 -9 -7 -7 0 -6 -6 -6 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Down Jones Wished 1755:100 175	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 137,7 108,0 69,7 108,0 69,7 28,2 45,4 217,8 84,1	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 1.0 1.3 0.2 0.8 0.3 1.1 1.7 1.6 0.5 1.9 1.7 1.6 0.7 0.9 1.7 0.9 1.2 0.5 0.7 0.9 0.5 1.2 0.5 0.7 0.9 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3.1 3.1 3.9 2.5 2.9 2.0 1.7 2.7 2.7 2.7 2.7 2.3 3.0 5.5 3.0 2.1 1.5 4.6 4.1 5.7 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	4.0 2.0 2.4 3.3 3.4 4.5 6.6 5.4 4.3 12.7 2.2 2.0 5.0 7.0 0.4 3.9 4.8 4.2 7.2 2.2 5.5 0.7 5.0 4.3 3.9 4.8 4.2 7.2 3.5 5.0 4.3 4.8 4.2 7.2 3.5 5.0 4.3 5.0 5.0 4.3 5.0 5.0 6.9 5.0 6.9 5.0 6.9 6.9 5.0 6.0 5.0 5.0 6.0 5.0 6.0 5.0 6.0 5.0 6.0 5.0 6.0 5.0 6.0 5.0 6.0 5.0 6.0 5	3 3 3 1 1 8 8 7 7 100 100 100 100 100 100 100 100 100
Down Jones TOSS (10 M) TOSS (25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,775 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 18,777 108.0 69,7 28,2 45,4 217,8 84,1 49,7 11,7 11,7 11,7 11,7 11,7 11,7 11,7 1	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 0.6 1.9 1.1 1.0 0.3 0.2 2.2 2.8 0.8 0.8 0.8 0.1 1.7 1.6 0.7 0.9 1.1 1.7 1.6 0.7 0.9 1.1 1.7 1.6 0.7 0.9 1.1 1.7 1.6 0.7 0.9 1.1 1.7 1.6 0.7 0.9 1.1 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3.1 3.9 2.5 2.0 2.0 2.0 2.0 2.7 4.7 2.7 4.7 2.7 4.7 2.3 0.5 0.3 2.1 4.5 2.1 4.5 2.1 4.5 2.1 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	4.0 2.0 2.4 3.3 3.1 2.9 3.4 4.3 12.7 2.2 2.0 5.5 4.4 4.3 12.7 2.7 2.2 2.5 5.0 Morathy 4.9 5.0 4.2 2.5 5.9 5.0 4.2 4.3 1.2 7.2 2.3 5.5 1.8 1.2 7.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	3 3 4 1 8 9 9 9 9 2 2 10 10 10 10 10 10 10 10 10 10 10 10 10
Down Jones Wilstel 1755 100 1 175	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 1,	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.0 2.2 2.2 0.8 0.8 0.8 0.8 0.8 0.8 0.9 1.7 1.6 0.7 0.9 4.3 0.7 0.9 4.3 0.7 0.9 4.3 0.9 1.2 0.5 0.4 0.2 1.1 0.3	3.1 3.1 3.9 2.5 2.7 2.7 1.7 2.7 1.7 2.3 1.3 2.3 1.5 1.6 4.1 5.7 1.6 4.1 5.7 1.6 4.1 5.7 1.6 6.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	4.0 2.4 3.3 2.6 3.1 2.9 3.4 4.5 6. 3.1 12.7 2.2 7 2.2 7 2.2 7 2.2 7 2.2 1.0 Monthly 4.9 4.8 1.2 7 2.2 7 2.2 7 4.9 4.8 1.2 7 2.2 7 1.0 Monthly 4.9 4.8 1.2 7	3 3 3 1 1 8 9 7 7 100 6 13 3 15 23 20 13 3 4 00 29 9
Down Jones TOWN JONES TOWN JONES KAN JONE	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 18,747 19,71	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.7 1.6 0.6 0.1 1.1 1.6 0.0 1.1 1.7 1.6 0.7 0.8 0.8 0.8 0.9 1.7 1.6 0.7 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.6 0.9 1.1 1.7 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3.1 3.9 2.5 2.0 2.0 2.0 2.0 2.0 2.1 3.0 2.1 4.7 2.7 4.1 3.0 3.0 2.1 4.5 4.6 4.7 4.7 3.0 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	4.0 2.4 3.3 2.6 3.1 2.6 3.1 5.6 4.3 1.2 7 2.7 2.7 2.7 2.7 2.7 0.5 0.7 0.4 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones TSSE 100 TSSE	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,42 84,983 49,514 49,314 9,315 2,217 4,309 98,466 796 2,546 5,801 1evel 137,7 108,0 69,7 28,2 45,4 217,8 84,1 74,0 84,1 84,1 84,1 84,1 84,1 84,1 84,1 84,1	Daily 1.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 0.3 0.2 2.2 0.8 0.2 1.1 1.6 0.7 0.9 1.1 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.7 0.8 1.6 0.8	3.1 3.9 2.5 2.0 2.0 2.0 2.0 2.0 2.1 3.0 2.1 3.0 3.0 3.0 4.1 4.1 5.7 3.0 6.4 4.1 5.7 3.0 6.0 4.1 5.7 3.0 4.1 5.7 3.0 4.1 5.7 3.0 4.1 5.7 3.0 4.1 5.7 3.0 4.1 5.7 4.1 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7	4.0 2.0 2.4 4.3 3.5 3.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 3 3 1 1 8 8 7 7 100 9 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones Wisheld TISE 100 TI	25,620 22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 84,983 48,283 29,514 5,325 2,217 4,309 98,466 7,325 2,217 108,0 69,7 108,0 69,7 12,1 13,1 12,1 13,1 14,1 15,1 16,1 16,1 16,1 16,1 16,1 16,1 16	Daily 1.4 1.5 1.2 2.2 1.6 0.6 1.9 0.2 2.2 0.8 0.8 0.1 1.7 1.0 0.7 0.9 1.1 1.0 0.3 1.2 0.5 0.4 1.1 1.5 0.7 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.1 3.9 2.5 1.9 2.0 2.0 1.7 2.7 2.7 3.0 2.1 1.3 2.1 1.3 2.1 1.5 1.6 4.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	4.0 2.0 2.4 3.3 2.6 3.1 12.7 2.7 2.7 2.7 2.7 0.4 4.3 3.9 5.2 0.5 5.4 4.1 12.7 7.2 7.5 5.0 0.7 0.4 4.9 4.9 4.1 2.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	3 3 4 1 8 8 7 7 100 9 9 2 100 100 100 100 100 100 100 100 100 1
Down Jones TOPE (1986) TOPE (25,620 22,549 7,059 3,257 9,075 11,777 5173 1948 87,462 84,983 48,283 29,514 45,325 2,217 4,309 98,466 798 3,486 798 1,217 1,2	Daily 1.4 1.5 1.2 2.2 1.6 0.6 1.9 1.1 1.0 2.2 2.2 0.8 0.8 1.2 1.6 1.2 1.6 1.2 1.6 1.2 1.2 1.6 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	3.1 3.9 2.5 1.9 2.0 2.0 1.7 2.7 2.7 3.0 2.3 2.1 1.3 3.0 2.3 2.1 1.5 1.6 4.0 7 3.0 4.1 3.0 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4.0 2.4 3.3 3.6 3.1 2.9 3.4 3.5 5.6 5.4 4.3 12.7 2.2 0.7 0.4 0.7 0.7 0.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones Wisheld TSE 100 HE STATE 19 HE	25,620 22,549 7,059 3,257 9,075 3,257 3,277 3,73 3,73 3,73 3,73 3,73 3,73 3,	Daily 1.4 1.5 1.2 1.6 0.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.6 0.6 1.9 1.0 0.3 1.1 1.7 1.7 1.4 0.2 2.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.1 3.9 3.1 3.9 2.5 1.9 2.5 1.9 2.7 2.7 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.0 4.1 3.0 4.1 3.0 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4.0 2.0 2.4 4.3 3.9 5.5 2.7 4.8 4.7 2.7 4.2 5.9 1.1 8.1 1.7 2.7 4.2 3.9 1.1 1.1 1.0 2.2 1.1 1.1 1.0 2.2 1.1 1.1 1.0 2.2 1.1 1.1 1.0 2.2 1.7 4.8 5.2 1.	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones Wisheld 1755:100 17	25,620 7,059 9,075 11,777 9,075 11,777 9,075 11,777 10,778	Daily 1.4 1.5 1.2 2.2 1.1 1.5 1.2 2.2 0.8 0.8 0.8 1.7 1.6 0.7 0.9 0.1 1.7 1.6 0.6 0.6 0.7 0.9 1.7 1.6 0.7 0.9 0.8 1.7 1.6 0.7 0.9 0.8 1.7 1.6 0.7 0.9 0.8 1.7 1.6 0.7 0.9 0.8 1.7 1.6 0.7 0.9 0.8 1.7 1.7 1.8 1.7 1.8 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	3.1 3.9 3.1 3.9 2.5 1.9 2.5 1.9 2.7 2.7 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.0 4.1 3.0 4.1 3.0 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4.0 2.0 2.4 4.3 3.9 5.5 2.7 4.8 4.7 2.7 4.2 5.9 4.1 1.7 1.0 2.5 1.8 5.5 1.9 5.5 1.8 5.5 1.8 5.5 1.8 5.5 1.9 5.5 1.8 5.5 1.8 5.5 1.9 5.5 1.9 5.5 1.8 5.5 1.9 5.	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones TESSE 100	25,620 7,059 7,059 1,277 19,718 19,71	Daily 1.4 1.5 1.2 1.6 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 0.6 0.7 1.7 1.4 1.9 1.1 1.7 1.0 0.3 0.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.1 (3.9) (3.1) (3.9) (3.1) (3.9) (3.1) (3	4.0 2.0 2.4 4.3 3.5 2.6 5.4 4.3 3.9 4.9 6.9 7.2 7.2 7.2 7.2 7.2 7.0 4.4 9.4 9.4 1.2 7.2 9.5 5.0 1.0 9.5 1.0 9.	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones Welstell TSE 100 1 TSE 10	25,620 7,059 9,037 1,257 9,037 19,718 6,749 10,718	Daily 1.4 1.5 1.2 1.6 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 0.6 0.9 1.1 1.7 1.4 0.2 0.8 0.8 0.8 0.8 0.8 0.9 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1, 3.9, 3.1, 3.9, 3.1, 3.1, 3.9, 3.1, 3.1, 3.1, 3.1, 3.1, 3.1, 3.1, 3.1	4.0 2.0 2.4 4.3 3.9 4.4 5.6 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones TOWN JONES TOWN JONES TOWN JONES KE AND SE	25,620 7,059 7,059 1,059 1,17,77 19,718 645 645 645 645 645 645 645 645 645 645	Daily 1.4 1.5 1.2 1.6 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 0.6 0.7 1.7 1.4 0.2 0.8 0.8 0.8 0.6 0.7 0.7 0.1 0.8 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.1 (3.9) (3.1) (3.9) (3.1) (3.9) (3.1) (3.9) (3.1) (3	4.0 2.0 2.4 4.3 3.4 4.3 3.4 4.3 4.3 4.3 4.3 4.4 4.3 4.3	3 3 3 1 1 8 8 7 7 100 9 9 2 2 100 100 100 100 100 100 100 100 100
Down Jones Welstell TSE 100 TS	25,620 7,059 10,705 11,777 19,718 19,	Daily 1.4 1.5 1.2 1.6 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 0.9 1.1 1.1 0.3 0.2 2.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.1, 3.9, 3.1, 3.9, 3.1, 3.9, 3.1, 3.9, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.0, 3.0, 3.1, 3.1, 3.0, 3.1, 3.1, 3.1, 3.1, 3.1, 3.1, 3.1, 3.1	4.0 2.0 2.4 4.3 3.5 2.6 5.4 4.3 3.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4	3 3 3 1 1 8 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jones Wilstell TISE 100 TISE	25,620 7,050 11,777 19,718 19,	Daily 1.4 1.5 1.7 1.6 1.9 1.1 1.5 1.7 1.6 1.9 1.1 1.5 1.7 1.7 1.6 1.9 1.1 1.5 1.7 1.7 1.6 1.9 1.1 1.5 1.7 1.7 1.5 1.6 1.9 1.1 1.5 1.7 1.7 1.5 1.6 1.9 1.1 1.5 1.5 1.7 1.7 1.5 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3.11 3.9 3.11 3.9 3.11 3.9 2.5 1.9 2.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	4.0 2.0 2.4 4.3 3.4 4.3 3.4 4.3 4.3 4.3 4.3 4.3 4	3 3 3 1 1 8 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jones TOPS (198) TOPS (25,620 27,549 27,559 27,559 27,559 27,559 11,777 11,777 11,777 11,777 11,777 11,777 11,777 11,777 11,777 11,777 11,777 11,777 12,776 14,029 14,029 14,029 14,029 14,029 15,029 16,029	Daily 1.4 1.5 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.9 1.7 1.7 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3-11 3-9 3-1 3-9 3-1 3-9 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1	4.0 2.0 2.4 3.3 3.4 4.3 3.4 4.3 3.2 7.2 2.0 5.0 7.4 4.9 4.9 4.8 2.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	3 3 3 3 3 1 1 8 7 7 100 100 100 100 100 100 100 100 100
Down Jones TSSE 100 TSSE	25,620 27,549 27,559 27,559 27,559 27,559 27,755 27,755 28,100	Daily 1.4 1.5 1.7 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.1 1.4 1.5 1.6 1.9 1.1 1.4 1.5 1.6 1.9 1.1 1.4 1.5 1.6 1.9 1.1 1.1 1.5 1.6 1.9 1.1 1.1 1.5 1.6 1.9 1.1 1.1 1.5 1.6 1.9 1.1 1.1 1.5 1.6 1.9 1.1 1.1 1.5 1.6 1.9 1.1 1.1 1.5 1.6 1.9 1.1 1.7 1.5 1.6 1.9 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	3.11 3.9 3.11 3.9 3.11 3.9 3.11 3.9 3.11 3.11	4.0 2.0 2.4 4.3 3.9 4.6 5.6 4.3 4.9 5.5 0.7 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones White Harm State S	25,620 27,059 27,059 27,059 27,059 27,059 27,059 27,059 27,059 28	Daily 1.4 1.5 1.7 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.4 1.5 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:1 3:9 3:1 3:0 3:0 3:0 3:0 3:0 3:0 3:0 3:0 3:0 3:0	4.0 2.0 2.4 3.3 3.4 4.3 3.4 4.3 3.2 7.2 2.0 5.0 7.4 4.9 4.8 4.2 7.7 2.2 7.7 2.2 1.1 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.1 1.0 2.3 8.2 2.6 7.7 1.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones TESSE 100	25,620 27,2549 27,2549 27,2549 27,2549 27,2549 27,2549 27,452 27,452 28,4589 28,458	Daily 1.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.6 0.6 0.6 0.6 1.9 1.7 1.4 1.5 1.6 0.6 0.6 1.9 1.7 1.4 1.5 1.6 0.6 0.6 1.9 1.9 1.7 1.6 1.6 0.7 1.6 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:1 3:9 3:1 3:0 3:0 3:0 3:0 3:0 3:0 3:0 3:0 3:0 3:0	4.0 2.0 2.4 3.3 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones THE SE ON	25,620 27,059 27	Daily 1.1.4 1.5 1.6 0.6 0.7 0.9 1.1 1.4 1.5 1.6 0.6 0.8 Daily 1.1 1.6 0.6 0.7 0.9 1.1 1.4 1.5 1.6 0.6 0.7 0.9 1.1 1.4 1.5 1.6 0.6 0.7 0.9 1.1 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	3.11 3.9 3.11 3.9 3.12 3.12 3.13 3.13 3.13 3.13 3.13 3.13	4.0 2.0 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones TESTE 100	25,620 27,2549	Douby 1.14 1.14 1.15 1.2 0.4 1.5 1.7 1.6 0.6 0.6 0.9 1.1 1.5 0.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3-11 3-9-1 3-1-1 3-9-1 3-1 3-9-1 3-1 3-9-1 3-1 3-9-1 3-1 3-9-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3	4.0 2.0 2.4 3.3 3.0 3.3 3.0 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones TESSE 100	25,620 27,2549 27,2549 27,2549 27,2549 27,2549 27,2549 27,462 28,4629 28,46	Daily 1.14 1.15 1.2 0.4 1.5 1.7 1.6 0.6 0.6 0.9 1.1 1.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3-11 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-1 3-1 3-9 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1	4.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones TOPS (198) TOPS (25,620 22,549 27,259	Daily 1.14 1.14 1.15 1.17 1.18 1.19 1.19 1.19 1.19 1.19 1.19 1.19	3-11 3-9 3-1 3-1 3-9 1-12 3-1 1-12 1-12 1-17 1-17 1-17 1-17 1-17 1-	4.0. 2.0. 2.4. 2.0. 2.0. 2.4. 2.0. 2.0.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones Triple Down Down	25,620 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 28	Daily 1.14 1.15 1.2 0.4 1.15 1.17 1.17 1.17 1.17 1.18 1.19 1.19 1.19 1.19 1.19 1.19 1.19	3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:9 3:1 3:1 3:9 3:1 3:1 3:9 3:1 3:1 3:1 3:1 3:1 3:1 3:1 3:1 3:1 3:1	4.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones THESE OR THES	25,620 27,259 27,259 27,259 27,259 27,259 27,259 27,452 28,259 27,452 28,259 27,452 28,259 27,452 28,259 27,452 28,259 27,452 28,259 27,452 28,259 28	Daily 1.14 1.15 1.2 0.4 1.15 1.17 1.15 1.17 1.15 1.16 0.6 0.17 1.17 1.16 1.16 0.6 0.17 1.17 1.16 1.16 0.17 1.17 1.16 1.17 1.17 1.18 1.18 1.18 1.18 1.18 1.18	3-11 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-9 3-9 3-9 3-9 3-9 3-9 3-9 3-9 3-9	4.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Jones Jones Jones Jones Jones Jones Jones Jones John John John John John John John John	25,620 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 28,249	Daily 1.14 1.15 1.12 0.44 1.15 1.17 1.17 1.17 1.18 1.19 1.19 1.19 1.19 1.19 1.19 1.19	3-11 3-9 3-12 3-13 3-13 3-13 3-13 3-13 3-13 3-13	4.0. 2.4. 2.2. 2.2. 2.3. 3.1. 2.9. 3.4. 2.9. 3.4. 2.9. 3.4. 2.9. 3.6. 3.6. 3.6. 3.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Jones Jones Jones Jones Jones Jones Jones Jones John John John John John John John John	25,620 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 28	Daily 1.14 1.15 1.2 0.4 1.15 1.17 1.15 1.17 1.15 1.16 0.6 0.17 1.17 1.16 1.16 0.6 0.17 1.17 1.16 1.16 0.17 1.17 1.16 1.17 1.17 1.18 1.18 1.18 1.18 1.18 1.18	3-11 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-1 3-9 3-9 3-9 3-9 3-9 3-9 3-9 3-9 3-9 3-9	4.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Jove Jones Jones Jones Jones Jones John John John John John John John John	25,620 2,240 9,007 11,777 11,7	Daily 1.1 1.5 1.2 0.4 1.5 1.2 0.4 1.5 1.2 0.4 1.5 1.5 1.7 1.6 1.6 0.1 0.1 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3-11 3-29 3-20 3-11 3-19 3-20 3-10 3-10 3-10 3-10 3-10 3-10 3-10 3-1	4.0. 2.2. 2.2. 2.2. 2.3. 2.3. 2.3. 2.3. 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones	25,620 27,2549 27,2	Daily 1.4 1.5 1.2 0.4 1.5 1.2 0.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3:1, 3:2, 3:3, 3:4, 3:4, 3:4, 3:4, 3:4, 3:4, 3:4	4.0 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones TESE 100 TESE	25,620 27,249 27	Daily 10-14 (1-15) (1-1	3-11 3-3 3-3 3-3 3-3 3-3 3-3 3-3 3-3 3-3	4.0 2.2 2.4 2.2 2.4 2.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones THESE CON	25,620 27,2549	Daily 1.4 1.5 1.4 1.5 1.6 1.4 1.5 1.6 1.7 1.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3-11 3-39 3-31 3-39 3-39 2-0 3-15 3-19 2-0 3-17 2-17 2-17 2-17 3-17 3-17 3-17 3-17 3-17 3-17 3-17 3	4.0 2.2 2.2 4.4 4.3 2.2 2.2 6.3 1.1 1.1 1.1 1.2 2.2 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Down Jones	25,620 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 27,249 28	Daily Dail	3-11 3-13 3-13 3-13 3-13 3-13 3-13 3-13	4.0 2.2 2.4 4.3 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
UK banks BBC BBC BBC BBC BBC BBC BBC B	25,620 2,2419 19,000 11,777 12,777 12,777 12,777 13,777 14,777 15,777 16,777 17,777	Daily Dail	3-11 3-13 3-13 3-13 3-13 3-13 3-13 3-13	4.0 2.2 2.2 4.2 4	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3



Fuente: BBVA Research



Developed Markets	(10Y, %, ch			Month	YTD
US (2-yr) US	2.86 3.15	0.6 -0.2	-2.4 -5.2	8 16	94 69
GER (2-yr) Germany	-0.56 0.49	0.3 -1.2	-3.8 -5.8	-2 4	-3
rance Spain	0.84	-2.6 -3.6	-4.7 4.3	8 16	-3
Italy Portugal	3.45 1.94	-9.3 -6.1	-2.3 -3.5	47 8	136
Greece Janan (2-vr)	4.28	-10.7	-30.0	19 -1	18
Japan Emerging Markets	-0.11 0.15	0.1 0.4	-0.1 -1.3	3	2 10
Brazil Chile	10.31 4.55	Daily -25.8 -0.7	-41.8 0.5	Monthly -209 4	YTD 5
Colombia	7.07	-0.6	13.0	16	63
Mexico Peru	8.07 5.39	-1.3 1.9	-7.4 4.3	5 18	49 51
Poland Russia	3.22 8.67	-2.4 -10.4	-7.9 -31.3	-2 -29	-10 103
Turkey India	17.51 7.87	-29.0 -4.9	-210.0 -20.2	-33 -25	615 49
Indonesia Country ri	8.83	-4.5 es in bp)	22.6	42	254
Developed Markets	level	Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	35	-1.4	1.1	4	5
Italy Portugal	296 145	-8.1 -4.9	3.5 2.3	43 4	139
Spain 2-yr so vereign spread vs Germany	115	-2.4	10.1	12	0
France	18	-0.3	-0.4	0	2
Italy Portugal	186 46	-16.2 -1.2	-4.8 3.4	46 2	149 -4 15
Spain Emerging Markets	42	-1.9 Daily	4.3	10 Monthly	15 YTD
5-yr sovereign CDS *			Treekiy		
Brazil Chile	221 46	-1.3 -1.5	0	-60 -3	-3
Colombia Argentina	121 594	-0.5 -20.6	-42	-93	16 356
Mexico	121	-0.3	-4	9	14
Peru Poland	79 67	-1.1 -0.3	0	6	7 18
Russia Turkey	148 388	-5.1 -9.1	-7 -34	-20 -68	30 224
China India	67	2.2 0.4	2	11	16 42
Indonesia	146	2.6	-1	12	61
Volatilty indicators (change in pp)	level	Daily -2.6	Weekly	Monthly	YTD 9
VIX VSTOXX	19 17	-2.2	3 0	7	9
EM EFT volatility Index Dollar/euro volatility	24	-1.6 -0.2	1	4	8
EM FX volatility index	10	-0.4	0	-2	2
Credit spread (BAA) (change in bps) US bonds volatility index	190 51	0.2 -3.1	5 -2	2 4	12
US bonds volatility index Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2.45	Daily	Weekly 1	Monthly 6	2 YTD 13
EZ Inflation expectations (5Y5Y)	1.68		0	-4	-6
Banking 5 y CDS (bps) * US	level 56	1.0	Weekly 6	Monthly 9	YTD 14
EZ UK	103 68	-0.7 0.4	-3	24 14	63 27
Large Spanish Medium Spanish	80 95	-1.4 0.1	-1 0	19 7	45 20
	level		Weekly	Monthly	YTD
US Non-financial EZ Non-financial	162 81	1.0 -0.7	6 5	9 24	14 63
UK Non-financial Interbank ma	103 arkets (%, cha	-0.2 inges in b	2 p)	4	10
	level -0.37	Daily 0	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.32	0	0	0	0
Euribor 12m Libor 3m	-0.16 2.45	0	3	11	75
Ubor 12m	2.97	0	- 1	9	86
Sto.	ck markets (Manhha	B.S. or cont halo	YTD
S&P500	2,790	Daily 1.4	Weekly -3.1	Monthly -4.0	3
Dow Jones				-2.0	3
Nikkei	25.620 22.549	1.5	-3.1 -3.9	-2.4	-41
Nikkei FTSE 100	22.549 7.059	1.2 0.4 1.5	-3.9 -2.5	-2.4 -3.3	-1 -8 -7
Nikkei FTSE 100 EuroStoxx 50 IBEX	22,549 7,059 3,257 9,075	1.2 0.4 1.5 1.7	-3.9 -2.5 -1.9 -2.0	-2.4 -3.3 -2.6 -3.1	-1 -8 -7 -10
Nikkei FITSE 100 EuroStoxx 50 IBEX DAX CAC	22.549 7.059 3,257 9,075 11,777 5.173	1.2 0.4 1.5 1.7 1.4 1.5	-3.9 -2.5 -1.9 -2.0 -1.7	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4	-1 -8 -7 -10 -9 -2
Nikkei ErroStoxx 50 BEX DAX CAC MIB MB ASE Athens	22.549 7.059 3,257 9,075 11,777 5,173 19,718	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6	-3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 3.0	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4	-1 -8 -7 -10 -9 -2 -10 -21
Nikled EuroStoxx 50 BEACS BAX CAC CAC ASE AUthens MSGI Latam *	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6	-3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -3.0 -2.3	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 4.3	-1 -8 -7 -10 -9 -2 -10 -21 -21
Nikoti EuroStoxx 50 BEX	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9	-3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 3.0 -2.3 -1.3 -0.5	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 4.3 12.7 -2.7	-1 -8 -7 -10 -9 -2 -10 -21 -21 -2 -9 -4
Nikled FFES 10 EuroStox 50 EuroStox 50 EuroStox 50 EUROST DAX DAX CAN MINICALISM MINICALISM EUROST EUR	22.549 7.059 3.257 9.075 11.777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2	-3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -3.0 -2.3 -1.3 -0.5 -0.3 -2.1	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 4.3 12.7 -2.7 -2.2 0.5	-1 -8 -7 -10 -9 -2 -10 -21 -2 9 -4 -5 -1
Nikels FFSE TOD ExeroStoux, 50 BIBCX DAX CAC MIB ASE ATRIPS MSG Lattam * Biboverpas (Razul) Morbot (Moscac) Morbot (Moscac) MSG Letter (Moscac) MSG Letter (Moscac) Morbot (Mo	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.7 -0.5 -0.7 -0.4	-1 -8 -7 -10 -9 -2 -10 -21 -2 -9 -4 -5 -1 -10 5
Nikkel FISE 100 EuroStous 50 EuroStous 50 DAX DAX CAC MIB MSC JALLam * Blowcyan (Brazil) Mochol (Mocket) Mochol (Mocket) MSC IEL Europe * Polent	22,549 7.059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 3.9	-1 -8 -7 -10 -9 -2 -10 -21 -2 -9 -4 -5 -1 -10 -5 -1
Nikels FFEE TO EuroScious 50 BBCX EuroScious 50 BBCX DO D	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 29,514 5,325 2,217 4,309 98,466 796 796	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2 -1.2 -0.8	3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -2.3 -1.3 -0.5 -0.3 -2.1 -1.5 -1.6 -1.8 -3.0 -6.4	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 -3.9 -6.9 -6.9	-1 -8 -7 -10 -9 -2 -10 -21 2 9 -4 -5 -1 -10 5 -16 -14 -24
Nisked TERE TOO Exacusious 50 DAX CACAC MB B B B B B B B B B B B B B B B B B B	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 -1.2 0.8 -0.2 -1.2 0.8 -0.8	3.9 -2.5 -1.9 -2.0 -1.7 -2.7 -1.7 -3.0 -2.3 -1.3 -0.5 -0.3 -2.1 -1.5 -1.6 -1.8 -3.0 -6.4 -0.7	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 -3.9 -6.9 -5.0 -1.0	-1 -8 -7 -10 -9 -2 -10 -21 2 9 -4 -5 -1 -10 5 -16 -14 -24 -9 YTD
Nisked TEST 1000 50 BERT 1000	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level 137,7	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2 -1.2 -0.8 0.8 0.8 0.8	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8 3.0 6.4 0.7 Weekly 4.1 5.7	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 3.9 -6.9 -5.0 -1.0 Monthly -4.9 -4.8	-1 -8 -7 -10 -9 -2 -10 -21 -2 -9 -4 -5 -1 -10 -5 -1 -10 -9 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Nisked TEST 1000 50 BERT 1000	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level 137,7 108,0 69,7	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 -0.2 -1.2 -0.8 0.8 Daily 1.7 1.6	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8 3.0 6.4 0.7 Weekly 4.1 5.7 3.0 6.0	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -2.2 0.5 -0.7 -0.4 -3.9 -6.9 -5.0 -1.0 Monthly -4.9 -4.8 -1.2	-1 -8 -7 -10 -9 -2 -10 -21 -2 -9 -4 -5 -1 -10 -5 -16 -14 -24 -9 -7
Nibode TEST TOO 50 IEEE TOO 50	22,549 7,059 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 48,283 48,283 48,283 48,283 48,283 48,283 6,217 4,309 98,466 7,801 level 137,7 108,0 69,7 28,2 45,4	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 0.3 0.2 2.2 0.8 0.2 2.2 1.2 1.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8 3.0 6.4 0.7 Weekly 4.1 5.7 3.0 6.0	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.7 -0.5 -0.7 -0.4 -3.9 -6.9 -5.0 -1.0 Monthly -4.9 -4.8 -1.2 -7.2 -7.5 -7.5 -7.5 -7.5 -7.5 -7.5 -7.5 -7.5	-1 -8 -7 -10 -9 -2 -10 -21 2 -9 -4 -5 -1 -10 5 -16 -14 -24 -9 -9 -9 -9 -9 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Nisked TEST 1000 50 IEST, 2000 50	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,465 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 137,7 108,0 69,7 28,2 45,4 217,8	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 0.6 1.9 1.1 -0.3 -0.2 2.2 0.8 0.8 0.8 0.8 0.9 0.7 0.7 0.9 4.3 1.2 0.5	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 2.1 1.5 1.6 1.8 3.0 6.4 0.7 Weekly 4.1 5.7 -3.0 1.7 -2.3 -1.6 -1.7 -2.3	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -5.4 -4.3 12.7 -2.2 0.5 -0.7 -0.4 -3.9 -6.9 -6.9 -4.8 -1.2 -7.2 -7.9 -6.9 -6.9 -4.8 -1.2 -7.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6	-1 -8 -7 -10 -9 -2 -2 -1 -2 -2 -2 -3 -4 -5 -1 -10 -21 -2 -3 -4 -4 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nicola Erac Stous 50 DAX CLAC CAC MI MASS AND MI MASS	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level 137,7 108,0 69,7 28,2 45,4 217,8 44,1 49,7	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 1.0 2.2 2.8 0.8 0.8 0.8 0.5 iy 1.7 1.6 0.7 0.9 4.3 1.2 0.5 0.4 0.2 0.5 0.4 1.2 0.5 0.5 0.5 0.4 1.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3.9 2.5 1.9 2.0 1.7 2.7 1.7 2.7 1.7 3.0 0.5 0.3 1.3 1.5 1.6 1.8 3.0 6.4 0.7 Weekly 4.1 5.7 3.0 1.7 2.3 1.6 2.1 1.5 2.7 2.3 2.7	2.4 3.3 2.5 3.1 2.9 3.4 5.6 5.4 4.3 12.7 2.7 2.2 0.5 5.0 1.0 1.0 1.0 4.9 4.9 4.9 4.2 5.0 4.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7	-1 -8 -7 -10 -9 -2 -10 -21 -2 -5 -1 -10 -5 -1 -16 -14 -2 -4 -9 -7 -7 -0 -6 -6 -13 -15 -2 -2 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Niskel FISE TOO 50 BIESA DAX CACA MISEA MI	22,549 7,059 3,257 9,075 11,777 5,173 19,718 645 87,462 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 2,546 5,801 level 137,7 108,0 69,7 28,2 45,4 217,8 84,1 49,7 12,1	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 0.2 2.2 2.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	3.9 2.5 1.9 2.0 1.7 2.7 1.7 3.0 2.3 1.3 0.5 0.3 2.1 1.5 1.6 1.8 3.0 6.4 0.7 Weekly 4.1 5.7 2.3 1.6 1.7 2.3 1.6 2.9	-2.4 -3.3 -2.6 -3.1 -2.9 -3.4 -5.6 -4.3 12.7 -2.2 0.5 -0.7 -0.4 -3.9 -5.0 -1.0 Monthly -4.9 -4.8 -1.2 -7.2 -5.0 -4.2 -5.0 -4.3	-1 -8 -7 -10 -9 -2 -10 -21 2 9 -4 -5 -1 -10 -5 -16 -14 -24 -9 -9 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Nisked FISE 1100 5 9 IEEE 1100 5 9 IEEE 2100 5 9 IEEE 210 5 9 IEEE 2100 5 9	22,549 7,059 3,257 9,075 11,777 19,718 645 84,983 48,283 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level 137,77 108,0 69,7 128,2 45,4 49,7 121,9 66 10,8 61,9	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 1.0.2 2.2 0.8 0.8 0.8 0.9 1.7 1.6 0.7 1.6 0.7 1.7 1.6 0.7 1.7 1.6 0.7 1.7 1.6 0.7 1.7 1.6 0.7 1.7 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3-9 2.5 1.9 2.0 1.7 2.7 2.7 2.7 3.0 2.3 2.1 1.5 1.6 1.8 3.0 1.8 3.0 1.5 1.6 1.8 3.0 1.7 2.7 3.0 6.4 4.1 1.8 1.6 2.9 2.7 0.1 1.6 1.8 2.7 0.1 1.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	2.4 3.3 2.6 3.1 5.6 4.3 12.7 2.7 2.2 0.7 0.7 0.7 0.9 6.9 6.9 1.0 Monthly 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	-1 -8 -7 -10 -9 -2 -10 -10 -21 -2 -9 -4 -5 -10 -5 -10 -10 -5 -10 -6 -14 -24 -9 -7 -7 -6 -6 -13 -40 -29 -25 -13 -40 -29 -25 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Nished TERETION Claredistus 50 DAX CACCAC MASS Allesses ASS Allesses Mass Agents Marcyl (Argentina) Mass Agents Mas	22,549 7,059 3,257 9,075 11,777 19,718 645 87,462 84,983 29,514 5,325 2,217 4,309 98,466 796 2,546 5,801 level 137,7 28,2 45,4 49,7 12,1 9,6 10,8 2,1 35,4	1.2 0.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 1.1 0.3 0.8 0.8 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.6 0.7 1.7 1.8 0.7 1.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	3-9 2.5 1.9 2.0 1.7 2.7 2.7 2.7 3.0 2.3 3.1 3.0 5.5 1.6 1.8 3.0 9.4 1.1 5.1 6.0 1.8 1.0 7. Weekly 4.1 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 2.9 1.7 2.3 1.6 1.7 2.3 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	2.4 3.3 2.6 3.1 2.9 3.4 4.3 12.7 2.7 2.7 0.5 6.9 6.9 6.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nished TERETION TERETION TO AN AC ACAC MISSION	22.549 7.059 3.257 9.075 11.777 19.718 64.983 48.283 48.283 48.283 48.283 25.25 2.217 4.309 98.466 796 2.546 5.801 137.7 108.0 69.7 28.2 45.4 217.8 84.1 9.5 10.8 2.1 35.4 12.1 9.5 10.8 2.1 35.4 2.7 12.1 35.4 2.7 6.6 624.0	1.2 1.5 1.7 1.4 1.5 2.2 2.1 1.6 0.6 1.9 1.1 1.0 2.2 2.2 2.2 1.2 2.2 1.2 2.2 1.1 0.8 0.8 0.8 0.8 0.3 1.7 1.6 0.7 0.9 4.3 1.2 0.5 1.0 0.4 0.2 1.1 0.3 1.4 0.2 0.8 0.8 0.6 0.6 0.7 0.8	399 25 199 27 27 27 27 27 30 23 13 23 21 15 16 64 07 41 57 23 16 60 29 41 17 23 16 29 20 21 21 21 21 22 23 24 24 24 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24	2.4 3.3 3.3 2.5 3.1 3.2 2.9 3.4 4.3 12.7 2.7 2.7 0.5 5.0 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nibods FISE TOOL SO BIEST DAX CAC CAC MISS MISC Albross MSC Lattum * Blooweaps directly Msc Lattum * Blooweaps directly MSC Lattum M	22,549 7,059 3,257 7,059 3,257 11,777 51,773 19,718 64,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 45,44 49,7 12,1 9,64 10,8 21,1 9,64 21,1 9,66 624,0 241,9	1.2 1.5 1.7 1.6 1.9 1.17 1.6 1.2 1.6 1.9 1.17 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	399 25 199 27 27 27 27 27 30 17 30 23 13 30 21 15 16 64 07 47 23 30 41 57 20 41 57 20 41 57 20 41 57 20 41 57 20 41 57 20 41 62 60 60 60 60 60 60 60 60 60 60 60 60 60	2.4 3.3 3.6 3.1 2.9 3.4 2.9 3.4 2.7 2.7 2.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nished TERETION Claredistus 50 DAX CACCAC MASS Allesses ASS Allesses MASS Claredis Mass Cla	22,549 7,059 3,257 7,059 3,257 11,777 51,773 19,718 64,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 44,933 45,44 49,7 12,1 9,64 10,8 21,1 9,64 21,1 9,66 624,0 241,9	1.2 1.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 0.2 2.2 0.8 0.2 1.1 1.2 0.3 0.2 1.7 1.6 0.7 0.9 0.7 0.9 0.7 0.9 0.4 0.4 0.5 0.6 0.6 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3-9 (2-5) (1-9) (2-5) (1-9) (2-5) (1-7) (2-7) (2-7) (1	2.4 3.3 3.3 2.6 5.4 3.1 2.9 3.4 4.3 12.7 7.2 2.7 0.5 0.7 4.3 9.5 0.0 Monthly 4.9 4.8 1.2 5.9 9.1 1.1 1.1 1.0 2.5 1.8 5.2 1.8 5.2 1.8 5.2 1.7 1.9 1.1 7.4 8.8 5.2 1.7 4.8 5.2 1.7 4.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 5.2 1.8 5.2 1.7 7.8 1.7 7.2 1	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nibode FIST TOO SO BEAT TOO SO	22.549 7.059 9.075 11.777 19.718 19.718 27.462 84.983 29.514 44.283 29.514 44.283 29.514 43.295 22.217 43.295 23.295 24.197 25.295 22.177 25.295 24.197 25.295 25.495 25.495 25.495 25.495 25.495 25.495 25.495 25.495 25.495 25.495 25.495 25.495 25.495 26.495 27.4	1.2 1.4 1.5 1.7 1.4 1.5 2.2 1.6 0.6 1.9 0.2 2.2 0.8 0.2 1.1 0.3 0.2 2.2 0.8 0.8 0.8 0.7 0.7 0.7 0.9 0.4 0.2 0.5 0.4 0.6 0.6 0.7 0.7 0.7 0.9 0.4 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	399 25 199 20 117 227 27 30 05 23 13 13 13 20 15 16 18 20 64 41 17 20 41 10 21 22 27 20 10 11 01 10 22 23 26 48 48 48 29 27 10 10 10 10 10 10 10 10 10 10 10 10 10	2.4 3.3 3.3 2.6 5.4 2.7 2.2 2.5 2.7 2.7 2.2 2.7 2.2 2.7 2.2 2.5 2.7 2.7 2.2 2.1 2.7 2.2 2.1 2.7 2.2 2.1 2.7 2.2 2.1 2.7 2.2 2.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nibole FIRE TOO 50 IEEE TOO 50 MSC Lattum * IEEE TOO 50 MSC Lattum * IEEE TOO 50 IEEE TOO	22.549 9,075 11.777 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.257 7.059 3.254 7.059 3.25	1.2 1.4 1.5 1.7 1.4 1.5 1.5 1.2 1.6 1.9 1.1 1.5 1.2 1.6 1.9 1.1 1.0 1.2 1.2 1.6 1.9 1.1 1.0 1.0 1.1 1.0 1.0 1.0 1.0 1.0 1.0	399 25 1-19 20 1-17 27 27 1-17 23 1-16 29 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-15 2-1 1-10 22 1-17 2-17 2-17 2-17 2-17 2-17 2-17 2	2.4. 3.3 3.6 3.6 3.1 2.9 3.4 5.6 5.6 4.3 3.7 2.7 2.7 2.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nisked FIRE TOOL SO FIRE TOOL SO BEX OAX CACA MIREX MISC Alberts MSC Hattens Heart Of Charles MSC Hattens MS	22,549 3,257 7,059 3,257 7,059 3,257 15,773 15,773 16,745 645 645 647 648 648 7,066 657 7,069 66	1.2 1.4 1.5 1.7 1.4 1.5 1.5 1.6 1.9 1.6 1.9 1.1 1.1 1.5 1.2 1.6 1.9 1.1 1.1 1.0 1.2 1.2 1.6 1.9 1.1 1.1 1.0 1.2 1.2 1.6 1.9 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	399 25 1-19 20 27 1-17 27 27 27 27 27 27 27 27 27 27 27 27 27	2.4.1 3.3 3.6 3.6 3.1 2.9 3.4 5.6 5.4 4.3 3.7 2.7 2.7 2.7 2.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	-1
Nided TEST TOOLS 50 IEEE TOOLS 50	22.549 7.059 3.275 7.059 3.275 1.777	1.2	399 25 199 27 17 17 28 13 14 15 28 8 8 8 8 8 8 8 8 15 8 8 8 15 8 8 15 8 8 15 8 8 15 8	2.4. 3.3 3.6 3.6 3.1 2.9 3.4 5.6 5.6 4.3 3.7 2.7 2.7 2.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nisked FIST TOO S FIST	22.549 7.059 3.275 7.059 3.275 1.777	1.2 1.4 1.5 1.7 1.4 1.5 1.2 1.6 0.6 1.9 1.1 1.9 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3-9 (2-5) (1-7) (1	2.4.1 2.3.3 2.6.5 2.6.1 2.9.9 2.7.2 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2	-1 -8 -7 -7 -10 -9 -2 -2 -9 -4 -5 -1 -10 -10 -2 -1 -1 -10 -10 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nicked TISE TOWN 5 9 BEX DAX CAC BEX DAX CAC BEX	22.549 7.059 3.287 7.059 3.287 5.17 5.17 5.17 5.17 5.17 5.17 5.17 5.1	1.2	399 25-1-9 2-1-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2	2.4.1 3.3 2.6.5 3.1 2.9 3.4 5.6.4 4.3 3.7 2.7 2.7 2.7 2.7 2.7 2.7 3.9 4.9 4.9 4.9 4.9 4.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	-1
Nibed Tiste Totol 5 BEX DAX CAC CAC BEX DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	22.549 3.327 7.0599 3.327 5.173 5.173 5.173 5.173 6.45 6.45 6.45 6.45 6.45 6.45 6.45 6.45	1.2 (1.4 (1.5 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6	399 25-1-9 2-1-7 2	2.4. 3.3. 2.5. 3.3. 2.5. 3.1. 2.9. 3.4. 5.6. 5.6. 4.4. 4.2. 7.2. 2.7. 2.7. 2.7. 2.7. 2.7	-1 8 8 7 7 10 9 9 12 11 12 2 9 14 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nibode THE TOO S	22.549 7.059 3.287 7.059 3.287 5.17 5.17 5.17 5.17 5.17 5.17 5.17 5.1	1.2 1.4 1.5 1.7 1.4 1.5 1.2 1.6 0.6 1.9 1.1 1.6 0.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	399 25-1-9 2-9 2-1-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2	2.4. 3.3. 2.6. 3.3. 2.6. 3.1. 2.9. 3.4. 3.6. 3.6. 3.4. 3.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7. 2.7	-1 -8 -7 -7 -9 -4 -5 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Nibode THE TOO S 0 IEEE TOO S	22.5-59 7.0599 7	1.2	399 2.5 1.9 2.5 1.9 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	2.4. 3.3 2.6. 3.3 2.6. 3.4. 2.9. 3.6. 3.6. 3.6. 3.6. 3.6. 3.7 2.7 2.2 2.7 2.7 2.7 2.7 2.7 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	-1 - 8 - 7 - 7 - 9 - 9 - 13 - 14 - 14 - 14 - 14 - 14 - 14 - 14
Nisked FREE TOOL S FREE TOOL S BEX DAX CAC CAC CAC CAC CAC CAC CA	22,549 11,777 15,739 19,775 11,777 15,773 19,775 15,773 19,775 15,773 10,775 15,773 10,775 15,773 10,775 15,773 10,775 11,777 15,773 10,775 11,777 11	1.2	3-9 (2-5) (1-1) (1	2.4. 3.3. 2.6. 3.3. 2.6. 3.1. 2.9. 3.4. 3.6. 3.6. 3.6. 3.6. 3.7. 2.7. 2.7. 2.7. 2.7. 2.7. 3.9. 3.9. 3.9. 3.9. 3.9. 3.9. 3.9. 3	-1 8 8 7 7 10 9 2 11 11 11 11 11 11 11 11 11 11 11 11 1
Nished FREE TOO S FREE	22.549 3.7 (2.54) 3.7	1.2 0.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.5 1.6 6.1.9 1.1 1.6 0.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	3-9 (2-5) (1-7) (1	2.4. 2.3. 2.6. 2.3. 2.6. 2.7. 2.2. 2.7. 2.7. 2.7. 2.7. 2.7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nished FREE TOOLS 50 BIEST SOOLS 50	22.5-59 7.0999 7.0999 7.0999 7.0999 7.0999 7.0999 7.0919 7.0999 7.0919 7	1.2 0.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.7 1.4 1.5 1.5 1.6 6 1.9 1.1 1.6 6 1.9 1.1 1.6 6 1.9 1.1 1.0 1.0 1.1 1.7 1.1 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3-9 (2-5) (1	2.4. 3.3. 2.6. 3.3. 2.6. 3.3. 2.6. 3.1. 2.9. 3.6. 5.4. 4.3. 12.7. 2.2. 2.7. 2.2. 3.6. 3.6. 3.6. 4.3. 12.7. 3.6. 3.6. 3.6. 3.6. 3.6. 3.6. 3.6. 3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nobed FREE TOOL SO FREE TOOL SO BEX DAX CAC CAC CAC CAC CAC CAC CA	22.549 9 10.50 10.	1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (3-9 (2-5) (1-2) (2-5) (1-2) (2-5) (1-2) (2-7) (1	2.4. 2.3.3 2.6.3 2.6.3 2.6.4 2.7. 2.6.2 2.7. 2.7. 2.7. 2.7. 2.7. 2.7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Nicked FREE TOOLS FREE	22.5.49 7.769999 7.769	1.2 (1.4 (1.5 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6	3-9 (3-9) (3	2.4. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6.	-1
Nished FIRE TOOL SO FIRE TOOL S	22.5-59 7.0599 7	1.2 (1.4 (1.5 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6	3-9 (3-9) (3	2.4. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6.	-1
Nisked FIRST 1000 50 BIEST 2000 50 BIEST 200	22.5-59 3.07 3.07 3.07 3.07 3.07 3.07 3.07 3.07	1.2 (1.4 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5	3-9-9 3-9-9	2.4. 2.6 2.6 2.2. 2.6 0.7 4.9 4.9 4.1.6 2.6 2.6 2.6 2.2 4.4 1.6 5.4 2.7 2.9 2.9 0.7 4.9 3.0 3.1 1.1 2.7 2.9 2.9 3.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1
Nicked FER E 100 5	22.549 3.07 3.07 3.07 3.07 3.07 3.07 3.07 3.07	1.2 1.2 1.6 1.3 1.4 1.5 1.2 1.6 1.5 1.6 1.5 1.5 1.6 1.5 1.5 1.5 1.6 1.5 1.5 1.6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	3-9 (3-9) (3	2.4. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6. 2.6.	-1
Nichola Tisse Toto S STEET	22.5-59 7.059 7.7059 7.	1.2 (1.4 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5	3-9 (3-9) (3	2.4. 2.3. 2.3. 2.3. 2.3. 2.3. 2.3. 2.3.	-1
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Nichola (1985) Tight Total (1985) DAX CACAC CAC	22.549 3.07.7599 3.07.75 5.17.3 3.07.75 5.17.3 1.17.77 5.17.3 1.17.77 5.17.3 1.17.77 5.17.3 1.17.77 5.17.3 1.17.77 5.17.3 1.17.77 5.17.3 1.17.77 1.17.	1.2 (1.4 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5	3-9 (3-9) (3	2.4. 2.3. 2.3. 2.3. 2.3. 2.3. 2.3. 2.3.	-1
Nished FREE TOO S FREE	22.549 3.77 3.87 3.87 3.87 3.87 3.87 3.87 3.87	1.2 1.2 1.6 1.1 1.2 1.6 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	3-9 (3-9) (3	2.4. 2.3. 2.3. 2.3. 2.3. 2.3. 2.1. 2.1. 2.2. 2.3. 2.3	-1
Nicked FER E 100 5	22.5-59 7.0599 7	1.2 (1.4 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5 (1.5	3-9 (3-9) (3	2.4. 2.3. 2.3. 2.3. 2.3. 2.3. 2.3. 2.3.	-1



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