

## Market Comment | Risk-aversion remain in financial markets, but eased somewhat

Global Financial Markets Unit 18 May 2017

- Risk aversion remained in markets for a second day in a row but it eased somewhat as the session
  went by. US political uncertainty (see) continued as the main driver in financial markets and continued
  dragging down stock prices (especially in Europe) and maintaining volatility at its highest level this year
  (still above historical average). The slight easing of the prevailing risk-off movement was perceived in the
  halt of appetite for safe-havens assets (gold, JPY).
- The **slightly positive mood when US equity markets** opened after yesterday's drop contributed to halt the downward trend in EZ equity indices (which recovered some ground from today's lowest levels) and to leave bond markets almost unchanged (US and EZ). The USD appreciated, partly offsetting yesterday's falls, although it remains at its weakest level against the EUR within 2017.
- The ECB also published the accounts of its monetary policy meeting (see), revealing that the ECB's Peter Praet had warned ECB members to be particularly cautious about publicly discussing plans regarding monetary policy stance. In this regard, the ECB's Coeuré stressed in an interview (see) the current positive economic conditions in the Euro zone and bet on a slight change in wording as the flow of new information came, to avoid an excessive gradualism that could cause a "forceful" market adjustment.
- Brazilian assets suffered sharply on policy uncertainty triggered by news about the current president, according to local media (see). The BRL plummeted, as well as the Bovespa equity index. There was a limited contagion effect to the rest of EM countries.
- Oil prices declined as investors focused on increasing US drilling activity, playing down potential extensions of OPEC oil production cuts (see). EM currencies depreciated today across the board, following the Brazilian turmoil.

Update 18 CET 18 May, 2017 Table 1



Debt markets US (2-yr)	( 10Y, %, ch level 1.25	anges in t Daily 0.4	Week -8.5	Month	YTD
US GER (2-yr)	2.21	-1.1 -1.3	-8.5 -17.4 -2.6	5 17	-23 8
Germany France	0.34	-3.5	-8.9 -7.6	19	7
Spain Italy	1.57	0.3	-8.0 -14.6	-10 -11	5 28
Portugal	3.20 5.76	-0.7 -0.8	-18.8	-62 -103	-97
Greece Japan (2-yr) Japan	-0.15 0.05	0.2 -0.7	2.4	7	-113 -4 -2
Emerging Markets		Daily	3.7 Weekly	Monthly	
Brazil Chile	10.01 4.07	0.1 -3.3	-8.5 1.8	-6 17	-140 -25
Colombia Mexico	6.34 7.15	0.1 1.9	1.9 -10.8	-23 2	-75 -49
Peru Poland	5.54 3.34	1.6	0.7 -2.2	-25 -3	-94 -38
Russia Turkey	7.82 10.57	3.6 14.0	4.8	-27 -9	-63 -43
India Indonesia	6.68 7.08	-0.2	17.0 -26.5 -18.0	-19	30 -77
Country ri	isk (bp, chang	es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	46 181	0.2 2.8	1.3 -5.7	-28 -30	-8 21
Portugal	286 122	2.7	-9.9 0.9	-80 -29	-76 7
Spain  2-yr so vereign spread vs Germany					
France	25 45	-1.2 0.9	1.0 -7.1 0.0	-29 -38	14 -16
Portugal Spain	102 41	2.7 3.6	0.0 1.5	-25 -24	-45 -7
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	203	10	-2	-19	-68
Chile Colombia	75 132	7	2	-3 -2	-7 -31
Mexico Peru	120 100	6 5	5	-9 -4	-36 -8
Venezuela	3,677	9	-200	212	-229
Poland Russia	67 157	1 8	1 5	-1 -10	-8 -20
Turkey China	207 81	5	3	-24 -7	-66 -36
India Indonesia	97	0	0	-3 -7	-30 -25
Ri	131 isk indicator				
Volatilty indicators (%) VIX	level 15	Daily -4.7	Weekly 40	Monthly 3	YTD 3
VSTOXX EM EFT volatility Index	17	5.8 5.1	19	-33 4	1 7
Dollar/euro volatility	8	-3.6	15	-39	-25
EM FX volatility index Credit spread (BAA) (bps)	9 227	22.7 1.0	12	0 -5	-17 0
US bonds volatility index Banking 5y CDS (bps) *	63 level	12.8 Daily	15 Weekly	-14 Monthly	-18 YTD
US	57	3.1	2	-6	-15
EZ UK	82 64	1.9 2.6	2 5	-35 -17	-26 -26
Large Spanish Medium Spanish	80 152	4.7 0.1	8	-27 -13	-37 0
Corporate 5y CDS (bps) *		Daily	Weekly	Monthly	
US Non-financial EZ Non-financial	157 90	3.1 1.9	2	-6 -35	-15 -26
UK Non-financial Interbank ma	116 arkets (%, ch	0.7 anges in b	0	-7	-9
EONIA Index	level -0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD 0.0
Euribor 3m	-0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.13 1.18	0.00	0.0	0.0	0.0
Libor 12m EZ TED spread 3m	1.73 54.1	-0.01 0.20	-0.1 -1.8	7.2	0.0 -12.3
	ck markets (				
Main indices	level	Daily	Weekly	Monthly	YTD 4
CCREAG	2.260	0.1	4.4		
S&P500 Dow Jones	2.360 20,620	0.1	-1.4 -1.4	0	3
Dow Jones Nikkel FTSE 100	20,620 19,554 7,436	0.1	-1.4 -2.0 0.7	0 6 4	
Dow Jones Nikkel FTSE 100 EuroStoxx 50	20,620 19,554 7,436 3,562	0.1 0.1 -1.3 -0.9 -0.6	-1.4 -2.0 0.7 -1.7	0 6 4 4	3 0 3 7
Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	20,620 19,554 7,436 3,562 10,685 12,590	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3	-1.4 -2.0 0.7 -1.7 -1.6 -1.0	0 6 4 4 4 5	3 0 3 7 13
Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBBX  DAX CAC MIB	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9	0 6 4 4 4 5 6	3 0 3 7 13 9 8
Dow Jones Nikled FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,620 19,554 7,436 3,562 10,685 12,590 5,290	0.1 0.1 1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -1.4	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7	0 6 4 4 4 5 6 10	3 0 3 7 13 9 8 9
Dow Jones   Nikkle	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -1.4	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8	0 6 4 4 4 5 6 10 16 3	3 0 3 7 13 9 8 9 19 8
Dow Jones Nikle FTSE 100 Exception 50 IBEX DOX CAC CAC MSG Libers MSG Latam * Iboverpag Risnib ModU	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -1.4 -9.0 -0.8 -0.6	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4	0 6 4 4 4 5 6 10 16 3 -4 -1	3 0 3 7 13 9 8 9 19 8 0 4
Dow Jones Nikle FTSE 100 Exception 50 IEEX DOX CAC CAC MSS Interes MSS CLatan* Boverage Risco ModOd Mo	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -9.0 -0.8 -0.6 -0.3 -0.3 -0.6	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2	3 0 3 7 13 9 8 9 19 8 0 4 -2 15
Dow Jones Nikler FTSE 100 GERMAN BERMAN BERM	20,620 19,554 7,436 3,562 10,685 12,590 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -0.8 -0.6 -0.9	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 0.0 0.9	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3	3 0 3 7 13 9 8 9 19 8 0 4
Dow Jones Nikle FTSE 100 Exercision 50 IEEX OAX OAX OAX MSC JALam * Ibovepas (Brazō Modol	20,620 19,554 7,436 3,562 10,685 12,590 21,299 783 78,961 61,469 48,364 4,965 1,968 95,147 797 3,090	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 9.0 0.8 1.4 9.0 0.6 0.3 1.3 0.6 0.3	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 0.9 0.9	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5	3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2
Dow Jones Nikler FTSE 100 GERMAN GERMAN GERMAN GERMAN GERMAN GERMAN GERMAN GERMAN MSC LERE MS	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 9.0 0.8 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.9	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 0.9 0.9 0.9	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 3	3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2 7
Dow Jones Nikle FTSE 100 FTSE 100 TExturbious 50 TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 level 113.1 83,6	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 9.0 0.8 0.6 0.3 1.3 0.6 0.3 0.5 0.0 0.3 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1.4 -2.0 -7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 -0.9 -0.1 -0.9 -0.1 -0.9 -0.1 -0.9 -0.1 -0.9 -0.1	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 -3 1 1 Monthly 0 -2	3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2 7
Dow Jones Nikle FTSE 100 Exactions 50 BBX BBX BBX BBX BBX BBX BBX BBX BBX BB	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 4,960 2,295 1,968 95,147 797 3,090 5,645 level	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 9.0 0.8 0.6 0.3 1.3 0.6 0.3 0.5 0.0 0.3 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 0.9 0.9 0.9 0.9 -0.1 Weekly -4.3	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 -3 1 1 Monthly	3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2 7
Dow Jones Nikle FTSE 100 Exception 50 BEX DOWN BEX DOWN BEX DOWN BEX DOWN BEX DOWN BEX DOWN BEX	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 1,968 1	0.1 0.1 1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -1.4 -9.0 -0.8 -0.6 -0.3 -0.6 -0.3 -0.6 -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 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-1.4 -2.0 -0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -0.9 -0.1 -0.0 -0.9 -0.1 -0.1 -0.0 -0.9 -0.1 -0.1 -0.0 -0.1 -0.0 -0.1 -0.0 -0.1 -0.0 -0.1 -0.1	0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 5 -3 1 Monthly 0 -2 2 -1 0	3 0 3 7 13 9 19 8 9 19 8 0 4 -2 15 -13 25 14 -2 7 YTD -6 -4 -3 -2 -6
Dow Jones Nikle FTSE 100 FTSE 100 ACAC ACAC MID MINES	20,620 19,554 7,436 3,562 10,685 12,590 21,299 78,3 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 1,968 113,11 83,6 59,6 41,1 214,3 113,1 113,1	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 0.6 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.0 0.3 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.4 2.0 0.7 1.7 1.6 1.0 1.7 0.1 9.0 1.8 0.1 9.0 1.7 0.0 0.9 0.1 Weekly 4.3 4.1 1.9 6.3 4.2 4.1	0 6 4 4 4 4 5 6 10 16 3 4 4 1 4 3 2 4 5 5 3 1 1 Monthly 0 0 -2 2 1 1 5 15	3 0 3 7 13 9 8 9 19 8 0 4 4 2 15 13 25 14 -2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Nikles FTSE 100  FTSE 100  GENERATION OF THE MEMORY OF THE MEM	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 1,968 1,968 1,113,11 83,6 41,1 214,3 113,1 114,1	0.1 1.13 0.9 0.6 0.6 0.9 0.3 0.1 0.8 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.5 0.0 0.6 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1.4 -2.0 -0.7 -1.7 -1.6 -1.0 -1.7 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 -0.0 0.9 -0.1 Weekly -4.3 -4.1 -1.9 -6.3 -4.2 -4.6 -1.8 -3.0 -1.1 -1.9 -1.9 -1.1 -1.9 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.1 -1.0 -1.0	0 6 4 4 4 4 5 6 6 100 16 6 3 3 -4 1 1 4 3 3 2 4 5 5 -3 1 1 1 1 5 1 2 2 1 1 1 1	3 0 3 7 7 13 9 8 9 9 19 8 0 4 4 2 15 15 14 4 -2 7 7 YTD -6 -4 4 -3 -3 -2 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Nikle FTSE 100 Exactions 50 BBX BBX BBX BBX BBX BBX BBX BBX BBX BB	20,620 19,554 7,436 3,562 10,685 12,590 52,590 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 1,968 4,11,11,11 11	0.1 0.1 1.13 0.99 0.6 0.9 0.3 0.5 0.1 0.8 0.0 0.1 0.8 0.6 0.3 0.5 0.5 0.1 0.6 0.6 0.9 0.0 0.1 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.4 2.0 0.7 1.7 1.6 1.0 1.7 1.8 -0.1 9.0 2.4 1.4 1.7 0.9 0.9 0.9 0.1 Weekly 4.3 4.1 1.9 6.3 4.1 1.9 6.3 4.1 4.6 1.8 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	0 6 4 4 4 4 5 6 6 100 16 16 3 3 4 -1 1 4 3 2 2 4 5 5 -3 1 1 Monthly 0 -2 2 -1 1 15 12 21 13 9	3 0 3 7 7 13 9 8 9 9 19 8 8 0 4 4 -2 15 13 25 14 4 -2 7 7 YTD -6 -4 -4 -3 3 -2 15 3 7 7 2 15 3 7
Dow Jones Nikle FTSE 100 Exception 50 BEX DOWN BEX	20,620 19,554 7,436 3,562 10,685 12,590 5,290 5,290 12,299 783 78,961 61,469 4,960 2,295 1,968 95,147 797 3,090 5,645 12,64 113,11 64,4 14,1 13,1 64,4 14,2 16,8 16,4 16,8 16,4 16,8 16,4 16,4 16,4 16,4 16,4 16,4 16,4 16,4	0.1 -1.3 -0.9 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -0.8 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	144 0.7 1.7 1.6 1.0 1.7 1.9 1.1 1.7 1.9 1.1 1.7 1.9 1.1 1.7 1.9 1.1 1.7 1.7 1.9 1.1 1.7 1.9 1.1 1.7 1.9 1.1 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0 6 4 4 4 4 5 6 6 10 16 3 -4 -1 1 4 3 2 4 5 -3 1 1 Monthly 0 2 2 -1 0 0 -1 15 12 21 13 9 17	3 0 3 7 13 9 8 9 9 19 8 0 4 -2 2 7 YID -6 -4 -4 -3 -2 -6 -4 -7 2 -7 2 -7 2 -7 2 -7 2 -7 2 -7 2 -
Dow Jones Nikles FTSE 100  FTSE 100  GEARD STATE	20,620 19,554 7,436 3,562 10,685 12,590 52,290 52,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 1,968 113,11 83,6 59,6 22,6 41,1 21,1 13,1 14,1 14,2 16,8 14,9 16,1 16,1 16,1 16,1 16,1 16,1 16,1 16	0.1 1.3 0.9 0.6 0.6 0.9 0.9 0.9 0.9 0.8 1.4 0.6 0.8 0.0 0.8 0.0 0.8 0.0 0.0 0.0 0.0 0.0	144 2.0 0.7 1.7 1.6 1.0 1.7 1.9 0.1 1.9 0.1 1.8 0.1 1.9 0.9 0.1 1.8 0.9 0.9 0.1 1.9 0.9 0.1 1.9 0.0 1.9 0.0 1.	0 6 4 4 4 4 5 6 10 16 3 4 4 1 4 5 3 1 1 Monthly 0 2 2 1 1 15 12 1 13 3 9 17 13 28	3 0 3 7 13 8 9 9 8 8 9 0 4 4 -2 15 -13 25 14 -2 7 YTD -6 6 -4 -3 -2 -5 15 3 7 10 1 17
Dow Jones Nikle FTSE 100  Extractions 50  AND	20,620 19,554 7,436 3,562 10,685 12,590 52,290 52,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 1,968 113,11 83,6 59,6 22,6 41,1 214,3 113,1 64,4 14,9 2,8 4,8 4,9 4,9 4,9 4,9 4,9 4,9 4,9 4,9 4,9 4,9	0.1 0.1 0.1 0.3 0.9 0.6 0.9 0.9 0.1 0.8 1.4 0.8 1.4 0.6 0.0 0.1 0.8 0.6 0.0 0.1 0.8 0.6 0.0 0.7 0.0 0.2 0.3 0.6 0.2 0.2 0.2 0.3 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	14.4 2.0 0.7 1.16 1.16 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.19 1.19 1.19 1.19 1.19 1.19 1.19	6 4 4 4 5 6 6 110 115 12 11 13 13 12 11 13 13 12 11 13 13 13 13 13 13 13 13 13 13 13 13	3 0 3 7 7 13 9 8 8 9 9 19 9 8 8 0 4 4 2 2 15 14 4 2 2 7 7 TID 6 6 4 4 3 2 2 6 6 12 7 7 2 15 3 7 7 10 1 1 17 2 1 1 17 2 1 1 17 2 1 1 17 2 1 1 17 2 1 1 17 2 1 1 1 1
Dow Jones Nikle FTSE 100 FTSE 100 ACAC ACAC MID MINES	20,620 19,554 7,436 3,562 10,685 12,590 5,290 5,290 5,290 61,469 48,364 4,960 2,295 1,968 5,147 797 3,090 5,645 1,968 113,1 64,4 14,9 14,9 14,9 14,9 14,9 14,9 14,9 1	0.1 1.3 0.9 0.6 0.9 0.6 0.3 0.5 0.1 1.8 0.6 0.3 0.5 0.1 1.4 9.0 0.8 0.6 0.3 0.5 0.5 0.0 0.3 0.5 0.5 0.5 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	1.44 2.0 0.7 1.7 1.6 1.0 1.0 1.0 1.1 1.0 1.0 1.0 1.0 1.0 1.0	0 6 4 4 4 4 4 5 6 10 10 16 3 4 1 1 1 4 3 2 2 4 5 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 3 7 13 3 9 8 8 9 9 19 8 8 0 4 4 2 15 15 14 4 2 2 7 7 YTD 6 6 4 4 3 2 5 15 15 3 7 10 1 1 17 2 1 12
Dow Jones Nikles FTSE 100  FTSE 100  GERMAN STATE STAT	206,20 19,554 7,436 3,562 10,685 5,290 783 11,590 783 161,499 4,590 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,50	0.1 1.3 0.9 0.6 0.9 0.6 0.3 0.5 0.1 1.4 9.0 0.8 0.6 0.3 0.5 1.3 0.6 0.3 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	144 20 0.7 11,7 11,6 11,7 0.9 11,7 11,6 11,7 0.9 11,7 11,7 11,7 11,7 11,7 11,7 11,7 11,	6 4 4 4 5 6 100 166 3 4 1 1 4 3 2 2 4 5 3 1 1 1 15 12 2 1 1 1 1 2 2 1 1 1 3 9 9 6 6 1 7 2 2 1 1 1 3 2 8 9 9 6 6 1 7 2 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	3 0 0 3 7 7 13 9 8 9 9 19 8 8 0 4 4 -2 15 3 25 14 4 -2 7 7 10 1 1 7 7 2 1 12 -10 10 10
Dow Jones Nikle FTSE 100  CERTIFICATION FTSE 100  CAC  MIB  ASK Alteris  MSC Latta  MSC	206,20 19,554 7,436 10,685 5,290 781 178,961 161,695 178,961 1	0.1 1.3 0.9 0.6 0.9 0.6 0.9 0.6 0.9 0.6 0.3 0.5 1.4 0.8 0.6 0.9 0.8 0.6 0.9 0.0 0.9 0.6 0.9 0.9 0.1 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	144 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7	6 4 4 4 5 6 10 16 3 4 4 1 1 5 5 3 1 1 1 15 12 2 1 1 13 9 6 6 17 17 2 5 6 6 5	3 0 0 3 7 7 13 9 8 9 9 19 8 0 4 -2 2 15 3 25 14 -2 7 7 7 10 1 17 2 -1 12 -10 10 12 12
Dow Jones Nikles FTSE 100  Execution S 0  BEX  BEX  BEX  ACA  MB  ACA Alleria  MSC Latters  MSC	206,20 10,554 7,436 5,209 10,685 7,209 10,685 7,209 10,685	0.1 1.3 0.9 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.1 0.8 0.6 0.3 0.5 0.0 0.1 0.8 0.6 0.3 0.6 0.7 0.8 0.7 0.8 0.9 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.7 1.7 1.6 1.0 1.7 1.6 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0 6 4 4 4 5 6 100 16 3 4 1 1 4 3 2 2 4 5 5 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 3 7 7 13 9 8 9 9 19 8 8 0 4 4 -2 15 14 4 -2 7 7 7 10 11 7 7 2 1 11 12 -10 10 12 11 12 11 12
Dow Jones Nikles FTSE 100  FTSE 100  A Committee of the C	20,620 10,554 1,7436 10,685 12,200 12,200 12,200 12,200 12,200 12,200 12,200 12,200 12,200 12,200 13,200 14,300 14	0.1 1.3 0.9 0.9 0.9 0.9 0.9 0.9 0.0 0.0 0.0 0.1 0.8 0.6 0.9 0.1 0.8 0.6 0.3 0.5 0.0 0.0 0.1 0.8 0.6 0.3 0.3 0.5 0.0 0.1 0.8 0.6 0.3 0.3 0.5 0.0 0.1 0.8 0.6 0.3 0.3 0.5 0.0 0.1 0.8 0.6 0.3 0.3 0.5 0.0 0.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	144 20 07 117 116 110 117 119 119 119 119 119 119 119 119 119	6 4 4 4 5 6 10 16 3 4 4 1 1 5 5 3 1 1 1 15 12 2 1 1 13 9 6 6 17 17 2 5 6 6 5	3 0 3 7 7 13 9 8 9 9 19 8 8 0 4 4 -2 15 14 -2 7 7 110 10 1 12 12 11 11
Dow Jones Nikles FTSE 100  GERMAN CONTROL OF STATE OF STA	20,620 10,554 1,436 11,559 11,	0.1 1.3 0.9 0.6 0.9 0.6 0.9 0.7 0.8 1.4 0.8 1.4 0.6 0.8 0.8 0.6 0.7 0.0 0.8 0.8 0.6 0.9 0.8 0.7 0.1 0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	144 20 0.7 117 116 117 119 119 119 119 119 119 119 119 119	. 0 6 4 4 4 5 6 6 100 16 6 6 10 16 6 3 4 4 1 4 5 5 -3 1 1 15 12 2 1 15 12 2 1 17 13 9 9 6 6 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 0 0 3 7 7 13 9 8 8 9 9 19 8 8 0 4 4 2 2 15 13 25 14 3 2 5 14 3 2 5 15 3 7 7 10 0 10 10 10 12 12 12 12 12 12 13 30
Dow Jones Nikles FTSE 100 GERMAN FTSE 100 GERMAN GERMAN GERMAN GERMAN MSC LARUM MSC LA	20,620 10,554 1,7436 10,554 1,7436 11,500 11	0.1 1-1.3 0.9 0.6 0.9 0.3 0.5 0.1 1-1.4 0.8 0.5 0.1 0.8 1-1.4 0.8 0.1 0.8 0.1 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	14.4 2.0 0.7 1.6 1.0 1.0 1.7 1.6 1.0 1.0 1.7 1.0 1.7 1.0 1.7 1.6 1.0 1.7 1.7 1.6 1.0 1.7 1.7 1.0 1.7 1.7 1.0 1.7 1.7 1.0 1.7 1.7 1.0 1.7 1.7 1.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0 6 4 4 4 5 6 100 16 16 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 0 3 7 7 13 9 8 9 9 19 8 0 4 4 -2 5 15 14 4 -2 7 7 YTD -6 -4 -3 -3 7 7 10 1 17 2 1 12 -1 10 12 2 11 12 2 7 7 3 4
Dow Jones Nikles FTSE 100 Execution S0 BEX	20,620 10,554 12,590 10,685 12,590 21,299 21,299 21,299 21,299 30,900 11,299 30,900 11,299 30,900 11,299 30,900 11,299 30,900 11,299 30,900 11,299 30,900 11,299 30,900 11,299 30,900 11,299 11	0.1 1.13 0.9 0.6 0.9 0.9 0.0 0.9 0.0 0.5 0.1 1.4 0.8 0.6 0.6 0.3 1.4 0.6 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.1 0.0 0.0	14.4 (2.0 0.7 1.7 1.6 1.0 1.7 1.7 1.6 1.0 1.7 1.7 1.6 1.0 1.7 1.7 1.6 1.0 1.7 1.7 1.6 1.0 1.7 1.7 1.7 1.6 1.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0 6 4 4 4 4 5 6 6 10 16 3 -4 1 -1 4 3 2 2 4 5 -3 1 1 1 1 1 1 1 3 9 9 6 6 17 7 7 13 1 3 2 9 6 6 5 7 7 7 7 13 1 1 1 2 4 2 2 4 4 2 2 4 4 2 2 4 4 2 4 5 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 3 3 7 13 9 9 19 8 8 0 4 4 -2 15 14 -2 7 7 110 10 10 10 112 11 11 12 7 -34 4 3 9 0 0 7 Year
Dow Jones Nikies FTSE 100 FTSE 100 ACC ACC MIS ACC ACC ACC MIS ACC ACC ACC MIS ACC ACC ACC ACC ACC ACC ACC ACC ACC AC	20,620 10,554 7,435 12,590 21,299 21,	0.1 1-1.3 0.9 0.6 0.9 0.9 0.3 0.5 0.1 0.8 1-1.4 0.9 0.8 1-1.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.7 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	. 0 6 4 4 4 4 5 5 6 10 16 3 -4 1 -1 4 3 2 2 4 5 3 -3 1 1 17 2 2 1 1 12 2 1 1 1 1 2 2 1 1 1 1	3 0 3 3 7 13 9 8 8 9 9 19 9 8 8 8 9 14 4 22 113 25 14 4 2 2 7 7 7 10 1 1 1 1 2 1 1 1 1 2 2 7 1 1 1 2 2 7 1 1 1 2 2 7 1 1 1 2 2 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 2 7 7 1 1 1 2 7 1 1 1 2 7 7 1 1 1 1
Dow Jones Nikles FTSE 100 FTSE 100 FTSE 100 TExtractions 50 TO ACC ACC MISS ACC MI	20,620 10,554 12,590 11,056 12,590 12,590 12,590 12,590 12,290 12,290 12,290 14,390 16,44 16,364 16,	0.1 1-1.3 0.9 0.6 0.9 0.9 0.3 0.5 0.1 0.8 1-1.4 0.9 0.8 0.9 0.3 1-3 0.9 0.9 0.1 1-3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.7 1.6 1.7 1.6 1.7 1.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	. 0 6 4 4 4 4 5 5 6 10 16 3 3 4 1 1 1 2 4 5 3 3 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 8 9 9 6 1 7 7 7 1 3 1 1 1 1 2 2 8 9 9 6 1 7 2 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	3 0 3 3 7 13 9 8 8 9 9 19 9 8 8 9 14 4 2 2 11 13 2 5 5 13 3 7 7 7 10 1 1 1 1 2 2 7 1 1 1 2 2 7 1 1 1 2 2 7 1 1 2 2 7 1 1 2 1 2
Dow Jones Nikles FTSE 100  ETSE 100	20,620 10,554 12,590 10,681 12,590 12,590 12,590 12,590 12,299 12,299 13,560 16,148 14,364 16,364 16	0.1 1-1.3 0.9 0.6 0.9 0.9 0.3 0.9 0.3 0.5 0.9 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	14.4 2.0 0.7 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0 6 4 4 4 4 5 6 6 100 16 3 3 4 1 1 4 4 5 5 5 3 1 1 1 1 2 2 1 1 1 3 1 3 2 2 1 1 1 1 1	3 0 3 3 7 13 9 8 8 9 9 19 9 8 8 9 4 4 2 2 7 7 7 10 11 17 2 2 11 12 12 11 12 2 7 3 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Dow Jones Nikles FTSE 100 FTSE 100 ACC ACC MIS ACC ACC ACC MIS ACC ACC ACC ACC ACC ACC ACC ACC ACC AC	20,620 10,554 12,590 21,200 21,200 21	0.1 1-1.3 0.9 0.6 0.9 0.9 0.5 0.9 0.5 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	14.4 2.0 0.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0 6 4 4 4 4 5 6 6 100 16 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 3 3 7 13 3 9 8 8 9 9 19 8 8 0 4 4 -2 15 14 4 -2 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Dow Jones Nikles FTSE 100  FTSE 100  A Control	20,620 10,554 12,590 11,591 12,590 11,299 11	0.1 1-1.3 0.9 0.6 0.9 0.9 0.6 0.9 0.9 0.1 0.8 0.6 0.6 0.1 0.8 0.6 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.7 1.6 1.7 1.6 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	0 6 4 4 4 4 5 6 6 10 10 13 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 0 3 7 7 13 3 9 8 9 9 119 8 8 0 4 4 -2 5 15 3 7 7 110 11 12 -10 11 12 12 11 11 12 -10 10 11 12 12 12 7 -34 30 30 9 0 0 5 5 5
Dow Jones Nikles FTSE 100  Exercisions 50  ACR CAC  MIB  ACR Alleria  MISC Lattle  MISC Lattle  MISC Lattle  MISC Lattle  MISC MISC Lattle  MISC Lattle  MISC MISC	20,620 10,534 17,438 12,900 10,681 12,900 10,681 12,900 11,290 11	0.1 1-13 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.7 1.16 1.16 1.17 0.9 1.17 0.9 1.17 0.9 1.17 0.9 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.17 1.18 1.18	0 6 6 4 4 4 4 5 6 6 10 16 16 16 16 16 16 17 17 17 18 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	3 0 3 7 7 13 3 9 8 9 9 119 8 8 0 4 4 -2 15 15 15 17 17 2 17 10 10 11 12 17 2 27 34 30 9 0 0 5 5 5 1 1 1 12 12 11 11 11 11 11 11 12 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Dow Jones Nikles FTSE 100 FTSE 100 ACC ACC MIS ACC ACC ACC ACC ACC MIS ACC ACC ACC ACC ACC ACC ACC ACC ACC AC	20,620 10,554 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 12,590 13,590 14,690	0.1 1-13 0.9 0.6 0.9 0.6 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.6 0.9 0.1 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 6 4 4 4 5 6 6 116 5 6 116 116 117 117 117 117 117 117 117 1	3 0 3 7 13 9 8 8 9 9 19 8 8 8 4 4 2 2 15 13 2 2 6 6 4 4 3 2 2 15 13 2 2 15 15 17 10 10 10 12 12 12 12 12 12 12 12 12 12 12 12 12
Dow Jones Nikies FTSE 100  FTSE 100  A Committee of the C	20,620 10,554 12,590 11,591 12,590 11,299 11	0.1 1-13 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1 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	14.4 2.0 0.7 1.10 1.17 1.18 1.17 1.19 1.18 1.17 1.19 1.19 1.19 1.19 1.19 1.19 1.19	0 6 4 4 4 4 5 6 6 6 10 10 6 3 4 1 4 4 5 3 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 3 7 7 13 9 8 8 9 9 19 9 8 9 0 4 4 2 2 15 14 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Nikles FTSE 100 FTSE 100 TExtractions 50 TEXT 100 TEXT 1	20,620 10,554 12,900 11,056 12,900 11,290 21	0.1 1.3 0.1 1.3 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 0.0 0.7 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 6 4 4 4 4 5 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	3 3 7 7 13 9 8 8 9 9 19 9 8 8 9 4 4 2 15 5 14 4 2 7 7 YTD 6 6 6 6 5 5 Year 6 6 6 6 5 5 Year 9 9 5 5 2 2 1 1 1 2 3 3 9 9 9 5 5 2 2 1 1 1 1 2 1 2 1 1 1 1 1 2 1 2 1
Dow Jones Nikles FTSE 100	20,620 10,554 17,438 12,590 10,681 12,590 10,681 12,590 11,299 11	0.1 1-13 0.6 0.1 1-13 0.9 0.9 0.9 0.9 0.1 0.8 0.8 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	14.4 2.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	0 6 4 4 4 4 5 6 6 6 10 10 16 5 6 6 16 6 3 4 4 5 5 3 1 1 7 1 13 19 9 9 9 9 9 9 9 17 17 13 13 19 17 13 13 11 12 14 12 15 15 6 6 5 7 7 7 7 7 13 1 12 14 12 12 14 12 12 14 12 14 12 14 14 14 14 14 14 14 14 14 14 14 14 14	3 3 7 7 13 9 9 8 8 9 8 9 19 19 19 19 19 19 19 19 19 19 19 19 1
Dow Jones	20,620 10,554 12,590 21,290 21	0.1 1.3 0.1 1.3 0.5 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	14.4 0.0 0.7 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 6 4 4 4 4 4 5 5 6 6 10 0 16 3 4 1 4 5 5 3 1 1 1 1 5 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	3 3 7 7 13 9 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Dow Jones Nikled FTSE 100  ETSE 100	20,620 10,554 17,438 12,590 10,681 12,590 10,681 12,590 11,299 11	0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	14.4 0.0 0.7 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 6 4 4 4 4 4 5 3 3 4 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1	3 3 7 7 13 9 9 8 8 9 4 4 2 7 7 10 9 19 19 19 19 19 19 19 19 19 19 19 19 1
Dow Jones Nikles FTSE 100  Exercisions 50  CAC  MIB  ASK Afteris  MO LATE  CAC  MIB  ASK Afteris  MO LATE  ASK Afteris  MO LATE  ASK Afteris  MO LATE  ASK Afteris  MO LATE  M	20,620 10,554 12,990 10,6815 12,990 10,6815 12,990 11,299 12,299 12,299 13,299 14,291 16,48,364 1,58,47 1,58,4	0.1 1.13 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	14.4 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2	0 6 4 4 4 4 4 5 6 6 10 6 6 10 6 10 6 10 6 10 6 10 6 1	3 3 7 7 13 9 8 8 9 9 19 8 8 9 19 19 8 8 9 19 19 19 19 19 19 19 19 19 19 19 19 1
Dow Jones Nikles FTSE 100 FTSE 100 ACT CAC MB BACK ACA	20,620 20,620 21,290 21	0.1 1.3 0.1 1.3 0.1 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	14.4 0.0 0.7 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 6 4 4 4 4 4 5 5 6 6 10 15 5 6 6 10 15 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	3 3 7 7 10 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Dow Jones Nikled FTSE 100  FTSE 100  FTSE 100  A CAC  MB  ACAC  MB  ACAC  MB  ACAC  MB  MSC ARCHENT  Booverage (Burel)  Modod  MSC LOR Largee*  Polled  MSC ARCHENT  Booverage (Burel)  Booverage (Burel)  Booverage (Burel)  Control (Burel)  MSC Booverage (Burel)  MSC MSC Booverage (Burel)  MSC MSC Booverage (Burel)  MSC MSC MSC Booverage (Burel)  MSC MSC MSC Booverage (Burel)  MSC MSC MSC MSC Booverage (Burel)  MSC	20,620 10,554 17,438 12,590 10,685 12,590 11,290 21	0.1 1.13 0.2 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 0.0 0.7 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 7 7 10 3 9 9 8 9 9 19 8 8 0 4 4 4 3 25 25 11 4 2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Nikles FTSE 100 GERMAN FTSE 100 GERMAN GERMAN GERMAN GERMAN GERMAN GERMAN MSC LER Europe Petard MSC LER Europe MSC LER Europe Petard MSC LER Europe MSC LER Europe Petard MSC LER Europe Benthy MSC LER Europe MSC LER Europ	206,020 11,050 1	0.1 1.3 0.1 1.3 0.1 0.1 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	14.4 0.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 6 4 4 4 4 5 5 6 10 6 6 10 6 10 6 10 6 10 6 10 6 1	3 3 3 9 9 19 8 8 9 9 19 8 8 9 19 8 15 15 15 15 15 15 15 15 15 15 15 15 15





D ebt markets	(10Y.%,d	anges in t	op)		
Developed Markets US (2-yr)	1.25	Daily 0.4	Week -8.5	Month 9	YTD 4
US GER (2-yr)	2.21 -0.70	-1.1 -1.3	-17.4 -2.6	5 17	-23 8
Germany France	0.34	-3.5 -3.3	-8.9 -7.6	19 -9	7
Spain	1.57	0.3	-8.0 -14.6	-10 -11	5 28
Italy Portugal	3.20	-0.8	-18.8	-62	-97
Greece Japan (2-yr)	5.76 -0.15	5.5 0.2	12.1 2.4 3.7	-103 7	-113 -4
Japan Emerging Markets	0.05	-0.7 Daily	3.7 Weekly	-2 Monthly	-2 YTD
Brazil	10.01	0.1	-8.5	-6	-140
Chile Colombia	4.07 6.34	-3.3 0.1	1.8 1.9	17 -23	-25 -75
Mexico Penu	7.15 5.54	1.9	-10.8 0.7	-25	-49 -94
Poland Russia	3.34 7.82	2.0 3.6	-2.2 4.8	-3 -27	-38 -63
Turkey	10.57	14.0	17.0	-9	-43
India Indonesia	6.68 7.08	-0.2 3.5	-26.5 -18.0	-19 2	30 -77
Country ri Developed Markets	sk (bp, chang	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany	level				
France Italy	46 181	0.2 2.8	1.3 -5.7	-28 -30	-8 21
Portugal	286	2.7	-9.9	-80	-76
Spain 2-yr so vereign spread vs Germany	122	3.8	0.9	-29	7
France Italy	25 45	-1.2 0.9	1.0 -7.1	-29 -38	14 -16
Portugal	102	2.7	0.0	-25	-45
Spain Emerging Markets	41 level	3.6 Daily	1.5 Weekly	-24 Monthly	-7 YTD
5-yr so vereign CDS *					
Brazil Chile	203 75	10 4	-2 2	-19 -3	-68 -7
Colombia	132	7	3	-2 -9	-31
Mexico Peru	120 100	6 5	5	-4	-36 -8
Venezuela Poland	3,677 67	9	-200 1	212	-229 -8
Russia	157	8	5	-10	-20
Turkey China	207 81	5	3	-24 -7	-66 -36
India	97	0	0	-3	-30
Indonesia Ris	131 k indicators	4	6	-7	-25
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	15 17	-4.7 5.8	40 19	-33	1
EM EFT volatility Index Dollar/euro volatility	22	5.1	33	4	7
EM FX volatility index	8 9	-3.6 22.7	15 12	-39 0	-25 -17
Credit spread (BAA) (bps) US bonds volatility index	227 63	1.0	2 15	-5 -14	-18
Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US F7	57 82	3.1 1.9	2 2	-6 -35	-15 -26
UK	64	2.6	5	-17	-26
Large Spanish Medium Spanish	80 152	4.7 0.1	8 2	-27 -13	-37 0
	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	157 90	3.1 1.9	2	-6 -35	-15 -26
UK Non-financial	116	0.7	0	-7	-9
Interbank ma	rkets (%, cn	nges in bi Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.13	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.18	0.00	0.0 -0.1	0.0	0.2
EZ TED spread 3m	54.1	0.20	-1.8	7.2	-12.3
Stoc	k markets (				
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,360 20,620	0.1	-1.4	0	4
S&P500 Dow Jones Nikkei	20,620	0.1 0.1 -1.3	-1.4 -1.4 -2.0	1 0 6	4 3 0
S&P500 Dow Jones Nilded FTSE 100 EuroStoxx 50	20,620 19,554 7,436 3,562	0.1 0.1 -1.3 -0.9 -0.6	-1.4 -1.4 -2.0 0.7 -1.7	1 0 6 4 4	4 3 0 3 7
S&P500 DOW Jones Nilidei FTSE 100 EuroStoxx 50 IBEX	20,620 19,554 7,436 3,562 10,685	0.1 0.1 -1.3 -0.9 -0.6 -0.9	-1.4 -1.4 -2.0 0.7 -1.7 -1.6	1 0 6 4 4	4 3 0 3 7
Main indices SAP500 Dow Jones Nikleri FTSE 100 BEX DAX CAC	20,620 19,554 7,436 3,562 10,685 12,590 5,290	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7	1 0 6 4 4 4 5 6	4 3 0 3 7 13 9
S&P500 DOW Jones Nikkei FTSE 100 EuroStoxx 50 IBBX DAX	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9	1 0 6 4 4 4 5 6	4 3 0 3 7 13 9
S&P500 Dow Jones Näkket FTSE 100 ExeroStoxx 50 BEX DAX CAC MBB ASE Athens MSCL Latam*	20.620 19.554 7.436 3.562 10.685 12,590 5.290 21,299 783 78,961	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -1.4	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1	1 0 6 4 4 4 5 6 10 16 3	4 3 0 3 7 13 9 8 9
SAPSDO Dow Jones Nikket FFES 100 EuroStoux 50 BIBX DAX ACM MICHES MICHES BOOKES	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4	1 0 6 4 4 4 5 6 10	4 3 0 3 7 13 9 8 9 19 8
SAPSOO Down Jones Näkke TISE 100 EuroStous 50 BEX DAX CAC MIB MSC ARens MSG Latam* bloovepa (liaza) Medod Medod	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -1.4 -9.0 -0.8 -0.6	1.4 1.4 2.0 0.7 1.7 1.6 1.0 1.7 0.9 1.8 0.1 9.0 2.4 1.4	1 0 6 4 4 4 5 6 10 16 3 -4 -1	4 3 0 3 7 13 9 8 9 19 8 0 4
SAPPSO Down Jones Nakes TESE TOO Exarcisious 50 DAX CACAC MSG Latam MSG Latam Holovegs (Basil) Medical MSG Latem Holovegs (Basil) Medical MsG Latam Holovegs (Basil) Medical MsG Latam Holovegs (Basil) Medical MsG Latam Holovegs (Basil) Holovegs (	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 78,3 78,961 61,469 48,364 4,960 2,295 1,968	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -9.0 -0.8 -0.6 -0.3 -1.3	1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7	1 0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 15
SAPSOO Down Jones (Make) TISE TOO LawsSlaws 50 LawsSlaws 50 DAX AC	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -9.0 -0.8 -0.6 -0.3 -0.6	1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 0.0	1 0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13
SAPSOO Down Jones 104ed 104ed 105 J. S.	20,620 19,554 7,436 3,562 10,685 12,590 21,299 78,361 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 0.1 -0.8 -0.6 -0.3 -1.3 -0.6 -0.3 -0.5 -0.3 -0.5	1.4 1.4 2.0 0.7 1.7 1.6 1.0 1.7 0.9 1.8 0.1 9.0 2.4 1.4 3.0 1.7 0.9 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	1 0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 -3	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2
SAPPSO Down Jones Nakei TESE 100 Earwistows 50 BBX ASS Afters MSG Latam* MSG	20,620 19,554 7,436 3,562 10,685 12,590 52,90 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147	0.1 0.1 -1.3 -0.9 -0.3 -0.5 -0.1 -0.8 -0.6 -0.3 -1.4 -9.0 -0.8 -0.6 -0.3 -0.6 -0.3 -0.6 -0.3	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 -0.0 0.9	1 0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 5	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2 7
SAPSOO  Own Jones  IGAN	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 level	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -9.0 -0.8 -0.6 -0.3 -1.3 -0.6 -0.3 -0.5 -0.3 -0.5 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -3.0 -1.7 0.9 0.9 -0.1 Weekly -4.3	1 0 6 4 4 4 4 5 6 6 10 16 3 -4 -1 1 3 2 4 5 -3 1 1 Monthly 0	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 14 -2 7 YTD
SAPSOO DOWN Jones 18060 18060 1807 1807 1807 1807 1807 1807 1807 180	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 79,30,90 5,645 level	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 9.0 0.8 0.6 0.3 1.3 1.3 0.6 0.3 0.5 0.0 0.8 0.0 0.9 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.0	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 -0.0 0.9 0.9 0.1 Weekly -4.3 -4.1 -4.3	1 0 6 4 4 4 5 6 10 116 3 -4 -1 4 3 2 4 5 -3 1 1 Monthly 0 -2 2	4 3 0 3 3 7 13 9 8 9 19 8 0 4 -2 15 -13 25 7 YTD -6 4 -4 -3
SAPSOO Down Jones (Maked  INSECTION LineSCOUND 50 LineSCOU	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 level 113,1 83,6 59,6	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -0.3 -0.5 -0.3 -0.6 -0.3 -0.5 -0.0 -0.3 -0.5 -0.3 -0.5 -0.3 -0.5 -0.3 -0.6 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.6 -0.9 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.3 -0.6 -0.9 -0.6 -0.9 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	1.4 1.4 1.20 0.7 1.7 1.6 1.0 1.7 0.9 1.8 0.1 1.7 0.0 1.7 0.9 0.9 0.9 0.9 4.3 4.1 4.1 1.9 0.9 4.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1 0 6 4 4 4 4 5 6 6 10 16 3 -4 4 5 5 -3 1 1 Monthly 0 -2 2 2 -1	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 15 14 -2 7 YTD -6 4 -3 -3 -2
SAPSOO DOWN Jonne (Make)  (Make)  ClaveSlow X 50  ClaveSlow X 50  ACA  CAC  ACA  ACA  ACA  ACA  ACA  A	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 level 113,1 83,6 52,6 41,1 21,43	0.1 0.1 1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 0.0 0.3 1.3 0.5 0.3 1.3 0.5 0.0 0.3 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1.4 -1.4 -2.0 -2.0 -0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -1.9 -2.4 -1.4 -3.0 -1.7 -0.9 -0.9 -0.1 -0.9 -0.1 -0.9 -0.9 -0.1 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	1 0 6 4 4 4 5 6 10 16 3 -4 -1 4 3 2 4 5 -3 1 1 Monthly 0 -2 2 -1 0 -1	4 3 0 3 7 13 9 8 9 19 8 0 4 -2 2 15 -13 25 7 7 7 7 7 7 7 7 7 7 6 4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -
SAPSOO DOWN Jones  (NOW)  (NOW	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 78,361 61,469 48,364 4,960 2,295 1968 95,147 79 3,090 5,645 1988 1988 1998 113,1 83,6 22,6 41,1 214,3 113,1 214,3 113,1	0.1 0.1 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 0.6 0.3 1.3 0.5 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.3 0.5 0.0 0.8 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0	-1.4 -1.4 -2.0 0.7 -1.7 -1.6 -1.0 -1.7 -0.9 -1.8 -0.1 -9.0 -2.4 -1.4 -3.0 -1.7 0.0 0.9 0.1 Weekly -4.3 -4.1 -4.3 -4.2	1 0 6 4 4 4 4 5 6 10 16 3 -4 -1 4 5 5 -3 1 Monthly 0 -2 2 -1 0	4 3 0 3 7 13 9 8 9 9 8 0 4 -2 15 -13 2 -15 14 -2 -2 7 YTD -6 -4 -4 -3 -3 -2 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPSOO  Down Jones  (Maked  1835 E 100  185	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 797 3,090 5,645 level 113,1 83,6 59,6 41,1 214,3 113,1 64,4 114,2	0.1 0.1 0.1 0.9 0.6 0.5 0.1 0.8 0.5 0.1 0.8 0.6 0.3 1.4 9.0 0.6 0.3 1.4 0.6 0.6 0.3 1.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	144 120 0.7 11.7 11.6 11.0 11.7 10.9 11.8 11.7 10.0 10.0 10.0 10.0 10.0 10.0 10.0	1 0 6 4 4 4 5 6 10 16 3 -4 1 4 3 2 4 5 -3 1 1 Morathy 0 -2 2 -1 0 15 12 21	4 3 0 3 7 13 9 8 9 9 8 0 4 -2 15 -13 25 14 -2 7 YTD -6 -4 -4 -3 -2 -5 -12 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPSOO  Down Jones  (Marco Sapson So O  Land Sapson So O  Land Sapson So O  Land Sapson So O  Land Sapson So O  ASS Affers  MSS Latters  Latters  Latters  MSS Latters  MSS Latters  Latters  MSS Latter	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,950 2,295 1,968 95,147 797 3,090 5,645 1,968 6,546 1,13,1 1,13	0.1 0.1 0.1 0.9 0.6 0.5 0.1 0.8 0.6 0.5 0.1 0.8 0.6 0.6 0.3 0.6 0.3 0.6 0.6 0.3 0.6 0.6 0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	144 120 0.7 14,7 14,7 14,7 14,7 14,7 14,7 14,1 14,1	1 0 6 4 4 4 4 5 6 6 10 16 3 -4 1 4 3 2 4 5 5 -3 1 1 Monthly 0 -2 2 -1 1 15 12 21 13 9	4 3 0 3 3 7 13 9 8 9 119 8 0 4 2 2 155 14 -2 7 YTD -6 -4 4 -3 -2 5 -12 7 2 15 3 7
SAPSOO Down Jones  (Market  MARKET  MA	20,620 19,554 7,436 3,562 10,685 12,590 5,290 21,299 783 78,961 61,469 48,364 4,960 2,295 1,968 95,147 797 3,090 5,645 level 113,1 83,6 22,6 41,1 214,3 113,1 64,4 114,2 16,8 14,9 2,8	0.1 0.1 1.1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 9.0 0.6 0.3 1.3 0.6 0.6 0.9 0.3 1.3 0.6 0.0 0.9 0.3 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	14.4 2.0 0.7 1.6 1.7 1.6 1.7 1.9 1.9 1.7 1.9 1.9 1.7 1.9 1.8 1.7 1.9 1.9 1.7 1.9 1.8 1.8 1.1 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	1 0 6 4 4 4 4 5 6 6 10 16 3 4 4 1 5 5 6 10 17 17 17 17 17 17 17 17 17 17 17 17 17	4 3 0 3 7 13 9 8 9 19 8 0 4 2 2 15 -13 25 14 -2 2 6 4 -3 -2 2 6 12 7 7 2 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO Down Jones IASHOO DOWN JONES IASHOO DOWN JONES IASHOO DOWN JONES DAX CAC CAC MARKER SASS ARRIVER ASS CARRIVER MASS CLARACT ROWN JONES SASS CLAR	20,620 19,554 7,436 3,562 10,685 12,590 52,290 52,290 11,293 78,961 61,469 4,960 2,295 1,968 95,147 797 3,090 5,645 12,64 113,1 64,4 14,2 14,2 16,8 14,2 16,4 16,4 16,4 16,4 16,4 16,4 16,4 16,4	0.1 0.1 1.1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1.4 0.6 0.9 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.0	144 -20 0.7 -1.7 -1.6 -1.0 -1.7 -1.6 -1.0 -1.7 -1.6 -1.0 -1.7 -1.6 -1.0 -1.7 -1.0 -1.0 -1.7 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	1 0 6 4 4 4 4 5 6 6 10 16 3 4 -1 1 4 3 2 2 4 5 -3 1 1 15 12 11 13 9 17 17 13 28	4 3 0 3 7 13 9 8 8 9 19 8 0 4 -2 2 5 14 -2 7 7 7 2 5 14 -3 -3 -2 -4 -4 -3 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPSOO DOWN Jonnes  (Noted to Commission of	20,620 10,685 12,590 12,590 12,1299 12,1299 12,1299 12,1299 12,1299 12,1299 12,1299 12,1299 14,130 1	0.1 0.1 -1.3 0.9 0.6 0.6 0.9 0.3 0.5 0.1 0.8 -1.4 0.6 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	11.4 1.4 1.4 1.7 1.7 1.6 1.7 1.9 1.7 1.9 1.7 1.9 1.8 1.1 1.7 1.9 1.0 1.7 1.7 1.9 1.0 1.7 1.7 1.9 1.0 1.7 1.7 1.0 1.7 1.7 1.0 1.7 1.7 1.7 1.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	1 0 6 4 4 4 4 5 5 6 6 100 116 3 3 4 1 1 4 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 3 7 13 9 8 9 9 19 8 8 0 4 -2 2 7 7 YTD -6 4 -4 -3 -2 -2 -7 2 -1 2 -7 1 2 -7 1 -7 1 -7 1 -
SAPSOO Down Jones  Water  Wate	20.620 19,554 1,436 10,685 12,990 12,1299 12,1299 18,362 11,299 18,362 19,483 19,183 1	0.1 0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -0.8 -1.4 -0.8 -0.3 -0.5 -0.0 -0.3 -0.5 -0.0 -0.3 -0.5 -0.0 -0.6 -0.9 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.8 -0.6 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	1.1.4 -2.0 0.7 -1.7 -1.6 0.7 -1.7 -1.6 -0.9 -1.8 -0.1 -1.7 -0.0 -1.8 -0.1 -1.7 -0.0 -0.1 -1.7 -0.0 -0.1 -1.8 -1.7 -0.0 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	1 0 6 4 4 4 4 5 5 6 10 116 3 3 4 1 1 4 3 3 2 4 5 5 3 1 1 1 15 12 2 1 1 15 12 2 1 1 13 9 9 6 6 17	4 3 0 3 7 13 9 8 8 9 19 18 0 4 -2 15 -13 25 -14 -2 7 7 YTD -4 -4 -3 -9 -12 -12 -13 7 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO Down Jones IASHOO DOWN JONES IASHOO DOWN JONES IASHOO DOWN JONES DAX CAC CAC MARKER SASS ARRIVER SASS CHARREN SASS	20620 19,554 7,436 5,562 10,885 5,290 783 78,961 61,469 78,961 61,469 78,961 78,961 1968 1968 1968 1978 1978 1978 1978 1978 1978 1978 197	0.1 -1.3 -0.9 -0.6 -0.9 -0.6 -0.3 -0.5 -0.1 -0.8 -0.6 -0.3 -0.5 -0.6 -0.3 -0.5 -0.6 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	144 2.0 0.7 1.7 1.7 1.6 1.0 1.0 1.1 1.6 1.0 1.0 1.1 1.7 1.9 1.1 1.9 1.0 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1 0 6 4 4 4 4 5 5 6 10 116 3 3 4 1 1 1 4 5 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 3 7 13 9 8 8 0 0 4 -2 15 -13 25 -14 -2 7 7 VID 6 4 -3 -3 -2 -6 -12 -15 15 15 15 15 15 15 15 15 15 15 15 15 1
SAPSOO DOWN Jones 18040 18050	20,620 10,655 10,665 5,290 10,665 5,290 10,665 5,290 10,665 5,290 10,665	0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -0.1 -0.8 -0.1 -0.8 -0.1 -0.1 -0.8 -0.1 -0.1 -0.1 -0.2 -0.2 -0.3 -0.5 -0.3 -0.5 -0.3 -0.5 -0.3 -0.5 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	144 2.0 0.7 1.7 1.7 1.6 1.0 0.9 1.8 0.1 1.9 0.0 1.7 1.0 0.9 0.1 1.7 0.0 0.9 0.1 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	1 0 6 4 4 4 4 4 5 6 6 10 10 11 10 10 10 10 10 10 10 10 10 10	4 3 3 7 13 9 8 9 9 19 8 0 4 2 2 15 1-13 25 14 2 7 7 7 7 10 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1
SAPSOO DOWN Jones  (Maked  MAN  MAN  MAN  MAN  MAN  MAN  MAN  MA	2.06,20 7,436 10,685 5,290 10,685 5,290 10,685 5,290 10,685 5,290 10,685	0.1 -1.3 -0.9 -0.6 -0.9 -0.6 -0.3 -0.5 -0.0 -0.1 -0.8 -0.6 -0.3 -0.5 -0.0 -0.3 -0.5 -0.0 -0.5 -0.7 -0.0 -0.2 -0.2 -0.2 -0.2 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	144 2.0 0.7 1.7 1.7 1.9 1.6 1.0 0.1 1.7 0.9 1.8 0.1 1.8 0.1 1.7 0.9 0.9 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	1 0 6 4 4 4 4 5 5 6 10 116 3 3 4 1 1 1 4 5 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 3 7 13 9 8 9 9 8 0 4 -2 2 15 3 25 14 -2 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO Down Jones  IASE 100 Down Jones  IASE 100 DO  IASE	206,20 10,655 10,665 10	0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -0.6 -0.3 -1.4 -0.8 -0.6 -0.3 -1.3 -0.5 -0.0 -0.5 -0.0 -0.5 -0.0 -0.5 -0.5	144 2.0 0.7 1.16 1.10 1.16 1.17 1.16 1.17 1.17 1.18 1.17 1.17 1.17 1.18 1.18	1 0 6 4 4 4 5 6 100 116 3 3 4 1 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 3 7 13 8 9 19 8 9 19 8 9 4 -2 -2 15 14 -2 -2 -7 7 2 -6 -12 -7 2 -15 3 7 7 2 -15 -17 -17 -17 -17 -17 -17 -17 -17
SAPSOO DOWN Jones 18060 18060 18060 1807 1807 1807 1807 1807 1807 1807 180	206,20 10,854 7,436 10,865 5,290 10,865 5,290 10,895 10,901 10,90	0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.8 -0.6 -0.3 -0.5 -0.0 -0.5 -0.0 -0.5 -0.0 -0.5 -0.5	144 2.0 0.7 1.16 1.10 1.16 1.17 1.16 1.17 1.17 1.18 1.17 1.17 1.17 1.18 1.18	1 0 6 4 4 4 5 6 100 116 3 3 4 1 5 3 2 4 5 3 1 1 1 1 3 2 8 9 9 6 7 7 7 13 1 1 1 5 6 5 7 7 7 13 1 1	4 3 3 0 3 7 7 13 8 9 9 19 8 8 0 4 2 2 15 14 2 7 7 YTD 6 6 4 4 3 3 2 5 15 3 7 10 1 17 2 1 12 110 10 112 11 12 12 110 110 112 12 111 12 12 17 34
SAPSOO DOWN Jonnes  NAME  NAME	20,620 10,534 10,689 10,689 10,689 10,689 10,689 10,689 10,689 10,689 11	0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -0.8 -0.3 -0.5 -0.6 -0.3 -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 -0.6 -0.6 -0.6	11.4 2.0 0.7 1.7 1.7 1.9 1.8 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.1 1.9 1.9	1 0 6 4 4 4 5 6 6 10 6 6 16 3 4 1 1 4 3 2 2 4 5 5 3 1 1 1 1 2 1 1 1 3 2 8 9 6 6 1 7 2 1 1 5 6 6 5 7 7 7 1 3 1 1 1 2 4 4 4 5 5 7 7 7 1 3 1 1 1 2 4 4 5 5 7 7 7 1 3 1 1 1 2 4 4 4 5 5 7 7 7 1 3 1 1 1 2 4 4 4 6 5 5 7 7 7 1 3 1 1 1 2 4 4 4 6 6 5 7 7 7 1 3 1 1 1 2 4 4 4 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 3 7 7 13 9 8 9 9 19 8 0 4 -2 2 7 7 YTD 6 -4 -3 -2 2 -5 11 17 2 2 15 15 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jones  IASHED  IAS	20,620 19,554 17,436 10,555 10,559 21,299 21,299 21,299 48,564 1968 1968 1968 1968 1968 1968 1968 1968	0.1 -1.3 -0.9 -0.6 -0.9 -0.3 -0.5 -0.1 -0.8 -1.4 -0.6 -0.3 -0.6 -0.3 -0.6 -0.3 -0.6 -0.1 -0.1 -0.8 -0.7 -0.0 -0.8 -0.7 -0.1 -0.8 -0.7 -0.1 -0.8 -0.7 -0.1 -0.8 -0.7 -0.1 -0.8 -0.7 -0.1 -0.8 -0.7 -0.1 -0.8 -0.7 -0.1 -0.8 -0.8 -0.7 -0.1 -0.8 -0.8 -0.7 -0.1 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	144 20 0,7 1,7 1,6 1,0 1,1 1,6 1,0 1,7 0,9 1,8 1,1 1,7 0,9 1,9 1,4 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9	1 0 6 4 4 4 5 6 10 16 3 4 1 1 4 5 5 3 1 1 1 1 2 2 2 1 1 1 3 9 9 6 6 1 7 7 7 7 1 3 1 1 1 1 2 1 2 1 1 2 1 1 1 1 2 1 1 1 1	4 4 3 3 0 0 3 7 7 13 9 8 8 9 9 19 9 8 8 0 0 4 4 2 2 15 5 3 2 5 14 4 2 7 7 10 1 1 2 1 2 1 1 1 1 2 2 7 3 4 4 3 3 0 0 1 2 2 7 3 3 4 1 1 1 2 2 7 3 3 6 1 1 1 1 2 2 7 3 3 6 1 1 1 1 2 2 7 3 3 6 1 1 1 1 2 2 7 7 3 4 3 3 0 0 1 1 1 1 2 2 7 7 3 4 3 3 0 0 1 1 1 1 2 2 7 7 3 4 3 3 0 0 1 1 1 1 2 2 7 7 3 4 3 3 0 0 1 1 1 1 1 2 2 7 7 3 4 4 3 3 0 0 1 1 1 1 1 2 2 7 7 3 4 4 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO Down Jones  IASHOO DOWN J	20,620 20,620 21,299 21	0.1 1-1.3 0.9 0.6 0.9 0.3 0.5 0.1 0.8 1-1.4 0.8 0.5 0.1 0.8 0.1 0.8 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.7 0.0 0.2 0.8 0.6 0.3 0.5 0.1 0.8 0.6 0.7 0.0 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	11.4 2.0 0.7 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	1 0 6 4 4 4 5 6 100 16 5 6 100 16 3 4 4 1 5 6 100 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	4 3 0 3 7 7 13 8 9 9 9 19 8 0 4 2-2 7 7 YTD 6 6 4 3 3 2-2 6 6 12 7 7 2 15 15 11 17 12 17 12 17 12 17 12 17 12 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jones  Wasel  Wase	20,620 20,620 21,299 21	0.1 1-1.3 0.9 0.6 0.9 0.0 0.9 0.3 0.5 0.1 0.8 1-1.4 0.9 0.8 0.1 0.8 1.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	11.4 2.0 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	1 0 6 4 4 4 5 6 10 0 16 16 3 3 4 1 1 1 1 2 2 2 4 5 3 1 1 1 1 2 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 8 9 9 6 1 7 7 7 1 3 1 3 1 1 1 1 2 4 4 2 2 2 2 1 1 1 1 1 1 1 1 1	4 3 0 3 7 13 9 8 8 0 4 4 -2 2 7 7 7 15 -3 -4 -3 -2 -6 -4 -12 -7 2 -15 -13 -7 -1 17 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPSOO  DOWN Jones  (Maked  ISSE)  MAX  CAC  MAX  CAC  MAX  CAC  MAX  SER Return  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	20,620 7,438 12,594 12,590 12,590 21,299 21,299 21,299 30,990 14,360 16,148 16,	0.1 1-1.3 0.9 0.6 0.9 0.0 0.9 0.3 0.1 1.4 0.9 0.5 0.1 0.8 1.4 0.9 0.8 1.4 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	14.4 2.0 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.9 1.8 1.8 1.9 1.9 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	1 0 6 4 4 4 5 6 6 10 0 16 5 7 7 7 13 12 2 8 9 9 17 7 7 13 12 8 9 17 7 7 13 12 8 9 17 7 13 13 1 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 3 7 13 9 8 8 9 19 9 8 0 0 4 4 2 2 5 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO DOWN Jones  18040  1805	2.06,20 19,554 12,590 11,595 12,590 21,299 21,29	0.1 1-1.3 0.9 0.6 0.9 0.0 0.9 0.3 0.1 1.8 1.9 0.8 0.6 0.1 1.8 0.6 0.0 0.1 1.8 0.6 0.0 0.1 1.8 0.6 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	14.4 2.0 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	1 0 6 4 4 4 5 5 6 100 10 10 10 10 10 10 10 10 10 10 10 10	4 3 3 0 3 7 7 13 9 8 8 9 9 19 8 8 0 4 4 2 2 15 14 4 2 7 7 7 10 10 10 10 11 11 11 11 11 11 11 11 11
SAPSOO  DOWN Jones  (Noted to Manager of Man	20,620 19,554 12,590 11,591 12,590 21,299 21	0.1 1-1.3 0.9 0.6 0.9 0.9 0.3 0.1 1-1.4 0.9 0.9 0.3 1-1.3 0.5 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	14.4 2.0 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	1 0 6 4 4 4 5 5 6 10 116 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 0 3 7 7 13 9 8 9 9 19 8 0 0 4 2 2 15 3 25 6 6 4 3 2 5 14 6 4 3 2 7 7 7 7 10 10 10 11 11 12 12 11 11 12 12 13 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO  DOWN Jones  (Made)  (M	20,620 21,939 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 13,963 14,963 15,963 16,963	0.1 1-1.3 0.9 0.6 0.9 0.3 0.5 0.9 0.3 0.5 0.6 0.8 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.4.4 2.0.7 1.1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	1 0 6 4 4 4 4 5 5 6 10 16 3 3 4 4 1 1 4 4 5 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 0 3 7 7 13 9 8 8 9 19 8 8 0 4 4 -2 2 15 -13 25 14 -2 7 7 YTD -6 -4 -3 -2 2 -2 2 -5 15 3 7 7 10 1 1 12 12 11 12 12 12 11 12 12 12 12 12
SAPSOO  DOWN Jones  18060  18070  180	20,620 21,293 21	0.1 1-1.3 0.9 0.6 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.6 0.1 0.8 0.6 0.6 0.7 0.0 0.0 0.1 0.8 0.6 0.6 0.7 0.7 0.0 0.0 0.9 0.7 0.0 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	14.4 20.7 14.7 14.7 15.6 16.0 16.7 16.0 16.7 17.7 16.0 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.7 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0	1 0 6 4 4 4 4 5 5 6 10 16 3 3 4 4 1 1 4 5 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 3 7 13 9 8 9 9 19 8 8 0 4 4 2 7 7 7 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO  DOWN Jones  IASHED  IA	20,620 19,554 12,590 12,590 12,590 21,299 21,299 21,299 3,090 61,469	0.1 1-1.3 0.9 0.6 0.9 0.9 0.6 0.9 0.1 0.8 0.6 0.6 0.6 0.7 0.0 0.0 0.1 0.8 0.6 0.6 0.6 0.7 0.0 0.0 0.1 0.8 0.6 0.6 0.6 0.7 0.0 0.7 0.0 0.0 0.1 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	14.4 20.7 14.6 20.7 15.6 10.9 11.7 11.6 10.9 11.7 11.6 11.7 11.6 11.7 11.7 11.7 11.7	1 0 0 6 4 4 4 4 5 5 6 10 116 3 3 4 1 1 1 4 4 5 5 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3 0 3 3 7 13 9 8 8 9 9 19 8 8 9 19 8 8 9 19 8 8 9 19 6 4 4 2 7 7 YID 6 4 4 3 2 6 7 12 12 12 12 12 12 12 12 12 12 12 12 12
SAPSOO  DOWN Jones  IASHED  IA	20,620 21,199 21	0.1 1-1.3 0.9 0.6 0.9 0.9 0.9 0.1 0.8 0.1 0.8 0.6 0.1 0.8 0.6 0.1 0.8 0.6 0.7 0.8 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	1.1.4. 2.0.7. 1.4. 2.0.7. 1.4. 2.0.7. 1.6. 1.7. 1.1. 1.7. 1.1. 1.7. 1.1. 1.7. 1.1. 1.7. 1.8. 1.8	1 0 0 6 4 4 4 4 5 6 6 10 116 3 3 4 1 1 4 4 5 5 3 1 1 2 1 1 2 2 1 1 1 5 2 2 1 1 1 5 2 1 1 1 1	4 3 3 0 3 7 7 13 9 8 8 9 9 19 19 8 8 0 4 4 2 2 15 14 4 -2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPSOO  DOWN Jones  IAMAN  IAM	20,620 21,193 21	0.1 -1.3 -0.9 -0.6 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.1 -0.8 -0.6 -0.3 -0.3 -0.1 -0.8 -0.6 -0.7 -0.0 -0.0 -0.1 -0.8 -0.6 -0.7 -0.0 -0.1 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	1.1.4. 2.0.7. 1.4. 2.0.7. 1.6. 1.7. 1.7. 1.6. 1.7. 1.7. 1.6. 1.7. 1.7	1 0 6 4 4 4 4 5 5 6 6 10 116 3 3 4 4 1 4 4 3 2 2 4 5 5 6 6 10 116 5 10 116 11 11 11 11 11 11 11 11 11 11 11 11	4 3 3 0 3 7 7 13 9 8 8 9 9 19 9 8 9 4 4 2 2 7 7 10 10 11 12 12 12 12 12 12 12 12 12 12 12 12
SAPSOO  DOWN Jones  IAMAN  IAM	20,620 19,554 12,590 12,590 21,299 21,299 21,299 21,299 3,090 5,290 21,299 3,090 5,290 21,299 3,090 5,140 5,140 14,560 5,141 14,561 16,561	0.1 1-1.3 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.1 0.8 0.9 0.1 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4.4 2.0.7 1.4.6 2.0.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 3 0 3 7 7 13 9 9 8 8 0 4 4 -2 5 15 14 2 2 7 YTD 10 11 17 2 2 15 15 16 6 6 6 6 12 2 7 10 11 11 12 2 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO  DOWN Jones  IASHOO  IASHOO JONES  IASHOO  IASH	20,620 21,939 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 13,968 13,968 13,968 13,968 13,968 13,968 14,960 14,960 14,960 15,960 16,148	0.1 1.13 0.9 0.9 0.9 0.9 0.9 0.1 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	1.4.4 2.0.0 1.4.7 1.6.6 1.7 1.6.6 1.7 1.7 1.6.6 1.7 1.7 1.6.6 1.7 1.7 1.6.7 1.7 1.6.7 1.7 1.6.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	1 0 0 6 4 4 4 5 5 6 6 10 6 10 6 10 6 10 6 10 6 10 6 1	4 3 0 3 7 7 13 9 9 9 9 9 19 8 0 4 2 2 5 14 2 2 5 14 2 2 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO  DOWN Jones  INDOM JONES	20,620 20,620 21,299 21	0.1 1-1.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.1.4. 2.0.1. 2.1.4. 2.0.1. 2.1.4. 2.0.1. 2.1.2. 2.1.2. 2.1.2. 2.1.2. 2.1.2. 2.1.2. 2.1.2. 2.2.2. 2.3.2. 2.3.3.2. 2.3.3.3.3.3.3	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 3 3 0 3 7 7 13 9 9 8 8 9 19 8 8 0 4 4 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  DOWN Jones  ROOM JONES	20,620 21,939 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 12,930 13,968 13,968 13,968 13,968 13,968 13,968 14,960 14,960 14,960 15,960 16,148	0.1 1-13 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.8 0.1 0.8 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	14.4 20.7 14.6 20.7 15.6 16.7 16.6 17.7 16.6 17.7 16.6 17.7 16.6 17.7 17.7	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 3 3 0 3 3 7 7 13 9 19 8 8 0 4 4 2 2 1 5 6 6 6 6 6 5 5 7 2 2 2 1 5 7 2 2 1 1 1 2 2 7 7 3 4 3 9 9 0 6 6 6 5 5 5 7 2 8 7 2 8 7 2 8 7 3 8 7
SAPSOO DOWN Jones  ROOM JONES	2.06,20 2.06,20 2.06,20 2.12,29 2.12,29 2.12,29 2.13,2	0.1 1-13 0.1 1-13 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.1.4. 2.0.1. 2.1.4. 2.0.1. 2.1.4. 2.0.1. 2.1.1. 2.	1 0 6 4 4 4 5 6 6 6 6 7 6 6 6 6 7 6 7 7 7 7 7 7 7 7	4 3 3 0 3 7 7 13 9 9 8 8 9 19 8 8 0 4 4 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO DOWN Jones  NAME	20,620 21,199 21	0.1 1-1.3 0.1 1-1.3 0.9 0.9 0.9 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	1.1.4. 2.0.1.1.2.1.2.1.2.1.2.1.2.1.2.1.2.1.2.1.	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 3 3 0 3 7 7 13 3 3 9 8 8 9 9 19 9 5 14 4 -3 -2 -2 7 7 10 0 110 2 11 112 2 2 7 1 10 0 1 10 2 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSOO  DOWN Jones  IASHED  IA	20,620 21,199 21	0.1 1-1.3 0.9 0.9 0.9 0.9 0.9 0.1 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	14.4 20.7 14.6 20.7 14.6 20.7 15.6 10.9 14.7 15.6 10.9 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 3 3 0 3 7 3 13 3 9 8 8 9 9 19 9 8 8 9 9 19 9 19 9
SAPSOO  DOWN Jones  ROOM JONES	20,620 20,620 21,299 21	0.1 1-13 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	1.4.4 2.0.0 1.4.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7	1 0 6 4 4 4 5 6 6 6 16 16 16 16 16 16 16 16 16 16 16	4 3 3 0 3 7 3 13 3 8 8 9 9 19 8 8 8 9 9 19 9 19 9 1
SAPSOO  DOWN Jones  NAME  NAME	20,620 19,554 12,590 12,590 12,590 21,299 21,299 21,299 21,299 3,090 3,090 3,090 3,090 11,101 11	0.1 1-13 0.9 0.9 0.9 0.9 0.9 0.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1.4.4 2.0.1 1.4.4 2.0.1 1.4.4 2.0.1 1.6.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	1 0 0 6 4 4 4 5 6 0 116 5 6 10 116 116 116 116 116 116 116 116 11	4 3 3 0 3 7 13 3 9 8 8 9 9 19 9 6 6 12 2 7 7 10 11 7 7 2 2 1 15 3 3 7 10 1 1 7 7 2 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 3 4 1 1 1 2 2 7 7 7 7 1 1 1 2 2 7 7 7 7 7 7
SAPPSO DOWN JONES 10040	20,620 20,620 21,299 21	0.1 1-13 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	1.4.4 2.0.0 1.4.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7 1.1.7 1.1.6 1.1.7	1 0 0 0 4 4 4 4 5 5 6 6 10 6 10 6 10 6 10 6 10 6 10 6 1	4 3 3 0 3 7 3 13 3 8 8 9 9 19 8 8 8 9 9 19 9 19 9 1



Source: Bloomberg, Datastream and Haver

\* With one day delay

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