

Market Comment | Peripheral yields partly reversed yesterday's decline

Global Financial Markets Unit 08 Nov 2017

- European peripheral bond yields remained highly volatile and partly reversed yesterday's significant fall. Meanwhile, European stocks inched down again, while the EUR appreciated slightly, amid German criticism of ECB policy (see).
- In the US, both stock and bond prices remained little changed across the board, while the USD declined slightly on disappointment about the potential timing of US tax reform, as some delays may be on the horizon (see). At the same time, Trump visited China to meet with its president, seeking progress on trade relations (see).
- China's trade balance (<u>see</u>), which declined by more than expected, did not have a significant impact on Chinese assets or commodities, which were steady during the session. Meanwhile, Saudi Arabian shares recovered some ground (<u>see</u>) as the Saudi government offered reassurances about the recent political uncertainty in the country (<u>see</u>). Oil prices showed greater stability during today's session, while EM currencies recovered some ground after yesterday's depreciation.

Update 18 CET 08 November 2017 Table 1



Debt markets	(10Y % d	ennes in t	n)		
Developed Markets US (2-yr)	1.63	Daily 0.0	Week 1.7	Month 13	YTD 42
US	2.31	-0.2	-5.9	-5	-13
GER (2-yr) Germany	-0.76 0.33	0.0 -0.1	-1.1 -4.7	-6 -12	-3
France Spain	0.70 1.49	0.8 7.7	-6.7 1.0	-18 -19	-27 1
Italy Portugal	1.75	4.4 7.7	-5.8 -9.8	-37 -40	-15
Greece	5.12	3.8	-14.6	-47	-217 -176
Japan (2-yr) Japan	-0.20 0.03	-2.3 -3.5	-5.4 -3.0	-7 -4	-1 -4
Emerging Markets Brazil	10.09	Daily 1.1	Weekly	Monthly 30	-132
Chile	4.48	2.4	7.6 -0.8	0 23	16
Colombia Mexico	6.70 7.22 5.03	-1.7 -0.1	-4.2 -2.8	14	-39 -42
Peru Poland	3.40	0.7 -1.3	-7.3 -4.7	16 -9	-144 -32
Russia	7.72 11.97	4.9 8.0	4.6 46.0	2 76	-72 97
Turkey India	6.94	1.3	4.8	16	56
Indonesia Country ri	6.65 sk (bp. chang	0.5 es in bp)	-12.1	9	-119
Developed Markets	level	Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	37	0.9	-2.0	-6	-32
Italy Portugal	142 168	4.5	4.1	-25 -28	-20 -186
Spain	116	7.8 7.8	-5.1 5.7	-28	-186
2-yr so vereign spread vs Germany France	15	-0.2	-1.4	-6	5
Italy	45	1.1	-0.6	-3	-16
Portugal Spain	58 42	0.1 2.8	-2.4 3.3	-9 -3	-88 -6
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr so vereign CDS * Brazil	177	7.4	7	-8	-95
Chile Colombia	53 120	2.1 4.6	2	-3 4	-29 -43
Mexico	110	3.9	3	- 1	-47
Peru Venezuela	74 17,864	2.2 3867.8	4 11822	-6 11786	-34 13959
Poland	52	1.3	2	4	-23
Russia Turkey	138 205	3.7 8.3	10 21	7 29	-38 -68
China India	58 72	1.8 0.2	7	-1 -3	-58 -55
Indonesia	99	2.2	5	-3 -2	-55 -57
Ri Volatilty indicators (%)	sk indicators level	Daily	Weeklu	Monthly	YTD
VIX	10	0.5	-3	-4	-2
VSTOXX EM EFT volatility Index	12 17	2.3 -1.2	5 1	-2 3	-4 -17
Dollar/euro volatility	5	4.1	-9	-22	-47
EM FX volatility index Credit spread (BAA) (bps)	8 191	1.1 0.2	-1	-1 -8	-27 -36
US bonds volatility index Banking 5 y CDS (bps) *	44	-1.9	-11	-20	-42
US	50	Daily 1.1	Weekly 1	Monthly 1	YTD -22
EZ UK	47 44	0.3	0	-7 -3	-61 -47
Large Spanish	46	0.6	0	-11	-71
Medium Spanish Corporate 5y CDS (bps) *	80 level	-0.3 Daily	1 Weekly	-6 Monthly	-71 YTD
US Non-financial	87	1.1	1	- 1	-22
EZ Non-financial UK Non-financial	59 74	0.3	0 -26	-7 -31	-61 -51
Interbank ma		inges in b			
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	0.0
Euribor 3m	-0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.19 1.40	0.00	0.0	0.0	-0.1 0.4
Libor 12m	1.87	0.00	0.0	0.1	0.2
	ck markets (
Main indices					YTD 14
S&P500	2,589	-0.1	0.4	2	
S&P500 Dow Jones	23.545	-0.1 -0.1	0.4	3	18
S&P500 Dow Jones Nikkei FTSE 100	23.545 22,914 7,530	-0.1 -0.1 -0.1 0.2	0.4 0.5 2.2 0.6		18 17 5
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	23,545 22,914 7,530 3,655	-0.1 -0.1 -0.1 0.2 -0.1	0.4 0.5 2.2 0.6 -1.1	3 11 0	18 17 5 10
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBBX DAX	23,545 22,914 7,530 3,655 10,229 13,382	0.1 -0.1 -0.1 -0.2 -0.1 -0.0 0.0	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6	3 11 0 1 0 3	18 17 5 10 8 16
S&P500 Dow Jones Nilderi FTSE 100 EuroStoxx 50 IBEX	23.545 22,914 7,530 3,655 10,229 13,382 5,471 22,831	-0.1 -0.1 -0.1 0.2 -0.1 0.0	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7	3 11 0 1 0 3 2	18 17 5 10 8 16 12 16
S&P500 Dow Jones Nikked FTSE 100 IBEX DAX CAC MIB ASE Athens	23.545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742	0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.2 0.6 0.9	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3	3 11 0 1 0 3 2 2	18 17 5 10 8 16 12 16
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespes (Brazil)	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2	3 11 0 1 0 3 2 2 2 -1 -3 -4	18 17 5 10 8 16 12 16 13 14
SAP500 Dow Jones Nākei FTSE 100 EuroStoxx 50 IBEX OAX CAC AC ASE Althens MISOL Altam*	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229	0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.2 0.6 0.9 -1.5	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4	3 11 0 1 0 3 2 2 -1	18 17 5 10 8 16 12 16 13
SAP500 Dowl Jones Nikkel FFEE 100 EuroStoux S 0 IBIX DAX CAK MIR	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513	0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.2 0.6 0.9 1.5 0.8 0.1 1.9	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5	3 111 0 1 0 3 2 2 -1 -3 -4 -2 4 1	18 17 5 10 8 16 12 16 13 14 18 5 7
\$4P00 Dowl Jones Notes Notes FEET 100 Eart Store ANA ANA ANA ANA ANA ANA ANA A	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895	0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.2 0.6 0.9 1.5 0.8 0.1 1.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4	18 17 5 10 8 16 12 16 13 14 18 5 7 26 -4
SAPP00 Dowl Jones Notes Notes FTEST 100 Eard Store ST Eard ST	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,963 48,965 2,513 2,163 111,895 928	0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.2 0.6 0.9 1.5 0.8 0.1 1.9 0.9 0.3	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0 1.7	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4	18 17 5 10 8 16 12 16 13 14 18 5 7 26 -4 47 33
\$4P00 Dowl Jones Notes Notes FEET 100 Eart Store ANA ANA ANA ANA ANA ANA ANA A	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.9 -1.5 -0.9 -0.1 -0.9 -0.3 -0.3 -0.3 -0.3	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0	3 111 0 1 0 3 2 2 -1 -3 -4 -2 4 1 3	18 17 5 10 8 16 12 16 13 14 18 5 7 26 -4 47 33 8
SAPPOO Down Jones Noted To Sape To Sap	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 928	-0.1 -0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 1.9 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0 -1.7 0.6	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4 1	18 17 5 10 8 16 12 16 13 14 18 5 7 26 -4 4 47 33 8
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SAEPBO Down Jones Noted: Noted	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 2,513 2,163 111,895 93,219 1,205 1,2	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 -1.9 -0.3 -0.3 -0.3 -0.3 -0.3 -0.1 -0.0 -0.2 -0.1 -0.1 -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	0.4 0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 -0.5 3.9 -0.5 3.9 -1.0 1.7 0.6 0.7 -3.3 -1.4 -1.2 -1.2 -1.3 -1.5	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4 1 2 2 Monthly 1 1 4 2	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 47 33 8 15 YTD 11 12 17 15
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SAPPOO DOWN Jones Noted Noted Noted DOWN Jones Noted DOWN JONES NOTED DOWN JONES DOWN JONES DOWN JONES DOWN JONES MSC Latam* Blowcepa direct Mosc Get Bereau M	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,892 8,415 6,049 level 132,7 97,4 72,1 97,4 97,4 97,4 97,4 97,4 97,4 97,4 97,4	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.0 -0.6 -0.9 -1.5 -0.8 -0.1 1.9 -0.3 -0.3 -0.5 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	0.4 0.5 2.2 0.6 0.6 0.8 0.7 3.3 1.4 1.2 9 0.5 1.3 1.9 1.0 0.6 0.7 7 3.3 1.4 1.2 9 1.0 0.6 0.7 7 1.1 1.1 1.3 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4 1 2 2 Monthly 1 1 4 2	18 17 5 10 8 16 12 16 13 14 18 5 7 26 47 33 8 15 YTD 11 12 17 15 12 -1
SAEPBO Down Jones Noted: Noted	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 2,163 111,895 928 3,415 6,049 level 132,7 97,4 72,1 26,5 48,2 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10	0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.4 0.5 2.2 0.6 1-1.1 2.6 0.8 0.7 3.3 1.4 4.1 2.9 9.5 3.9 1.0 0.7 Weekly 2.5 3.4 4.2 7.7 3.8 4.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7	3 111 0 1 1 0 3 2 2 2 -1 -3 -4 -2 4 4 1 1 2 2 4 4 1 1 2 2 4 1 1 1 4 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 7 26 4 4 7 33 8 8 15 17 11 12 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPPOO DOWN Jones Noted 100 Execution 50 BIEX DAX CAC BIEX DAX CAC BIEX BIEX BIEX BIEX BIEX BIEX BIEX BIEX	23,545 22,914 3,655 10,229 13,382 5,381 742 83,293 742 83,293 74,	0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.2 0.5 0.9 0.1 1.9 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.4 0.5 2.2 0.6 1.1 2.6 0.8 0.7 0.8 0.7 1.4 1.2 1.3 2.9 1.0 0.7 0.6 0.7 0.6 0.7 0.6 1.7 0.6 1.7 0.6 1.7 0.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3 111 0 1 1 0 3 2 2 4 4 2 4 4 2 4 1 1 3 10 4 1 1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 7 26 4 4 7 7 11 11 12 12 14 15 15 15 17 17 17 17 17 17 17 17 17 17 17 17 17
SAEPBO DOWN Jones Noted Noted Noted DOWN Jones Noted DOWN JONES NOTED DOWN JONES DOWN JONES DOWN JONES DOWN JONES MSC Latam* Blooverpa (Razilla Model) Model	23,545 22,914 2,530 3,655 10,229 13,392 5,471 22,831 23,229 32,296 3,452 3,453 2,163 3,415 6,415 2,513 2,163 3,415 6,415 4,815	0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.2 0.6 0.9 0.1 0.9 0.3 0.5 0.1 0.0 0.0 0.9 0.3 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.4 0.5 0.5 0.6 1.1 1.2.6 0.6 0.8 0.7 1.3 1.3 1.4 1.2 1.3 2.9 0.5 3.9 1.7 Veckly 1.7 2.5 3.8 1.7 4.0 4.0 4.0 4.0 4.0 4.0 4.0 5.0 6.0 6.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	3 11 0 1 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 1 2 4 1 1 2 1 1 1 1 4 1 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 7 26 4 4 4 7 7 11 11 12 17 17 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17
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SAPPOO DOWN Jones Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Noted Note	23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 928 3,415 6,049 level 132,7 97,4 72,1 26,5 48,8 240,0 111,6 14,7 15,8 14,7 15,8 16,4 16,4 18,3 18,4 18,3 18,6 1	0.11 0.11 0.11 0.01 0.01 0.01 0.00 0.02 0.66 0.9 0.15 0.8 0.11 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.3 0.5 1.2 0.1 0.3 0.3 0.5 1.2 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0	0.4 0.5 2.2 0.6 0.6 1.1 2.6 0.8 0.8 1.7 1.2 1.2 1.3 1.7 1.6 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	3 11 0 0 1 0 0 3 2 2 2 1 1 3 3 10 0 4 1 1 2 1 1 1 4 2 1 1 1 4 4 5 5 7 3 3 0 0 2 2 9 5 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1	18 17 5 10 8 16 12 16 12 16 12 16 17 17 17 15 12 17 16 10 13 13 13 13 13 18 17 0 10 10 18
SAEPBO DOWN Jones Noted	2.3545 2.2914 7.330 3.655 10.229 10.239 11.329 15.471 2.254 2.471 2.489	0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0	0.4 0.5 2.2 0.6 1.1.1 2.6 0.8 0.7 3.3 1.4 1.2 2.9 1.7 0.6 0.7 3.9 1.7 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	3 11 0 1 1 0 0 3 2 2 1 1 3 10 0 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	188 177 5 10 8 8 16 12 16 13 14 18 15 7 7 26 4 47 7 33 8 8 15 17 17 17 17 17 17 17 17 17 17 17 17 17 1
SAPPOO DOWN Jones Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Noted Note	23545 7 22914 7 330 3 6 5 6 6 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9	0.1 0.1 0.1 0.2 0.1 0.0 0.2 0.1 0.0 0.2 0.5 0.9 0.1 1.9 0.3 0.3 0.3 0.5 0.1 0.9 0.2 0.1 0.9 0.1 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	0.4 0.5 2.2 0.6 -1.1 2.6 0.8 -1.1 2.6 0.8 0.7 3.3 2.9 1.4 1.2 2.5 3.9 1.0 1.7 2.5 3.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3 11 1 0 0 1 1 0 3 3 2 2 2 1 1 3 3 10 10 4 4 1 1 2 1 1 1 4 4 5 7 3 3 0 0 2 2 9 5 5 1 1 2 2 1 5 5 0 0 2 2 1 5 5 0 2 2 1 5 5 0 2 2 1 5 5 0 2 2 1 5 5 0 0 2 2 2 1 5 5 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	188 16 12 16 13 14 18 15 7 726 44 77 33 8 15 17 71 16 6 3 16 16 10 10 18 13 13 14 16 17 70 10 18 18 17 70 10 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted Noted Noted Down Jones Noted	23545 22914 7.530 3.655 10.229 13.655 10.229 13.655 10.229 2.651 10.229 2.651	0.1 0.1 0.1 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.4 0.5 2.2 0.6 1.1 2.6 0.8 0.7 3.3 2.9 1.0 1.2 1.3 2.9 1.0 0.7 1.0 1.7 0.6 0.7 2.5 3.4 2.7 1.7 4.6 0.7 2.4 4.0 0.7 2.6 0.7 1.6 0.7 2.	3 11 1 0 1 1 0 3 2 2 2 1 1 3 3 10 10 4 1 1 2 2 1 1 1 1 4 2 1 1 1 1 4 4 2 1 1 1 1	188 177 5 10 18 18 15 17 16 11 18 18 15 17 17 15 12 17 16 11 11 11 11 11 11 11 11 11 11 11 11
SAPPOO DOWN Jones Noted	23545 7.22914 7.330 7.35	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.4 0.5 2.2 0.6 1.1 2.6 0.6 0.7 2.8 0.8 0.7 3.3 1.4 1.2 0.5 3.9 1.7 1.0 0.5 0.7 1.7 2.4 4.6 4.0 0.7 1.7 2.6 0.7 1.7 2.6 0.7 1.7 2.6 0.7 3.5 3.1 3.1 3.3 4.0 3.5 4.0 3.5 4.0 3.5 3.5 3.5 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	3 11 1 0 0 3 2 2 2 1 1 -3 4 2 4 4 1 1 3 100 4 1 1 2 2 1 1 1 4 2 2 1 1 1 4 5 5 7 3 3 0 0 2 2 2 3 3 0 0 2 2	188 15 YTD 11 12 -1 16 3 3 16 -10 10 18 -24 3 31 11 11 11 3 3
SAPPOO DOWN Jones Noted	23545 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.4 0.5 2.2 0.6 0.1 1.7 2.6 0.8 0.7 2.8 0.8 0.7 2.1 2.8 0.8 0.7 2.9 1.0 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.8 0.7 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 111 0 0 3 3 2 2 2 1 1 -3 4 4 2 4 4 1 1 3 100 4 1 1 1 4 2 2 1 1 1 4 4 1 2 2 1 1 1 1 4 5 5 -7 3 3 0 0 2 2 9 5 5 1 1 1 5 5 0 0 2 2 4 4 0 0	188 15 YTD 11 12 1 16 6 3 16 110 110 110 110 110 110 110 110 110
SAPPOO DOWN Jones Noted	23545	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.6 0.6 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1	0.4 0.5 2.2 0.6 1.1 2.6 0.6 0.1 2.6 0.8 0.7 0.8 0.7 0.8 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 111 0 3 3 2 2 4 4 1 3 3 100 4 4 1 1 2 2 Monthly 1 1 4 2 2 1 1 1 4 4 1 1 2 2 1 1 1 1 4 4 1 1 2 2 1 1 1 1	188 17 17 10 8 16 12 16 13 14 18 15 7 26 4 47 33 8 15 17 17 17 17 17 18 18 18 18 18 19 19 10 10 11 11 11 11 11 11 11 11 11 11 11
SAPPOO DOWN Jones Noted	23545 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.4 0.5 2.2 0.6 -1.1 0.6 -1.1 0.8 0.7 0.8 0.7 0.8 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 111 0 0 3 3 2 2 2 1 1 -3 4 4 2 4 4 1 1 3 100 4 1 1 1 4 2 2 1 1 1 4 4 1 2 2 1 1 1 1 4 5 5 -7 3 3 0 0 2 2 9 5 5 1 1 1 5 5 0 0 2 2 4 4 0 0	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted	23545 47 7 530 0 7 5 7 5 7 5 7 7 7 7 7 7 7 7 7 7 7 7	0.11 0.11 0.11 0.11 0.11 0.11 0.11 0.12 0.10 0.00 0.0	0.4 0.5 2.2 0.6 1.1 0.6 1.1 0.8 0.8 0.7 1.2 0.8 0.7 1.1 0.6 0.7 1.7 0.6 0.7 1.7 1.6 1.7 1.7 1.6 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 1.7 1.6 1.7 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	3 11 11 0 1 1 2 2 2 1 1 3 3 10 10 11 1 1 1 1 1 1 1 1 1 1 1	188 15 17 19 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted	23545 2 2914 7,530 10228 2 2914 7,530 10228 2 2914 7,530 10228 2 2914 7,530 10228 2 2914 7,547 11,557 2 291 7,547 2 291 7,54	0-11 0-11 0-11 0-11 0-11 0-12 0-0-10 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-0	0.4 0.5 2.2 0.6 1.1 0.6 0.6 1.1 0.8 0.7 0.8 0.7 1.1 0.6 0.7 0.6 0.7 1.7 0.6 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 0.7 1.7 1.6 0.7 1.7 1.6 0.7 1.7 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	3 11 1 0 1 1 0 3 2 2 2 1 1 3 3 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones I Noted I No	23545 22914 75390 10391	0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.4 0.5 2.2 0.6 1.1 0.6 0.6 0.8 0.8 0.8 0.7 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 111 0 1 1 0 3 3 2 2 1 1 3 3 4 4 1 1 3 3 10 4 1 1 1 1 4 1 1 2 1 1 1 1 4 4 1 1 2 1 1 1 1	188 15 17 15 12 14 18 15 17 15 12 14 18 15 17 17 15 12 14 16 17 17 15 12 14 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPPOO DOWN Jones Noted	225454 7.530 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 11.805 10.229 11.805 10.229 11.805 12.613 12.729 12.414 14.7 14.4 14.7 14.7 14.7 15.80 16.80 17.7 17.7 17.7 17.7 2.9 19.806 18.80 19.806	0.11 0.11 0.11 0.11 0.11 0.11 0.10 0.10	0.4 0.5 2.2 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	3 111 0 1 1 0 3 2 2 2 1 1 3 3 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1	188 15 710 10 10 10 10 11 11 11 11 11 11 11 11 1
SAPPOO DOWN Jones Noted	225454 7,530 10,229 10,229 10,229 10,229 10,229 10,229 10,229 10,229 10,229 11,220 11,	0.11 0.11 0.12 0.13 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.4 0.5 2.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	3 11 1 0 1 1 0 3 3 2 2 1 1 1 3 3 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1	188 15 YTD 10 18 8 15 15 17 16 6 3 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPPOO DOWN Jones Noted	22545 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.11 0.11 0.11 0.11 0.11 0.12 0.10 0.10	0.4 0.5 2.2 0.5 2.2 0.6 1-1.1 0.6 0.8 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	3 11 1 0 1 1 0 3 2 2 2 1 1 3 3 10 4 1 1 2 2 4 4 4 1 1 2 2 4 1 1 1 1 4 4 2 1 1 1 1	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPBO DOWN Jones Noted	22545 2 2 2 2 3 4 3 2 2 3 2 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 3 2 3 3 3 2 3	0.11 0.11 0.12 0.13 0.10 0.12 0.10 0.12 0.10 0.10 0.10 0.10	0.4 0.5 2.2 2.6 0.5 2.2 2.6 0.6 0.8 0.8 0.7 3.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	3 11 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 15 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPP00	225454 7.530 1.382	0-11 0-11 0-12 0-12 0-13 0-10 0-10 0-12 0-10 0-10 0-10 0-10 0-10	0.4 0.5 2.2 0.5 2.2 0.6 0.6 0.8 0.8 0.8 0.7 0.7 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 11 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPOO DOWN Jones I Noted I No	225454 7.530 1.050	0.11 0.11 0.12 0.13 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.4 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 11 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 15 160 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPBO	225454 7.530 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 10.229 11.805 928 12.81 2.811 2.	0-11 0-11 0-10 0-10 0-10 0-10 0-10 0-10	0.4 0.5 2.2 0.5 2.2 0.6 0.6 0.8 0.8 0.7 3.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	3111 0 1 1 0 3 2 2 2 2 1 3 3 4 4 1 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 15 16 18 18 18 18 15 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPP00	229.514 7.530 1.382 7.530 1.382 7.5471 7.547	0-11 -	0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.8 0.8 0.7 0.6 0.8 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 11 1 0 1 0 2 2 2 1 1 3 3 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1	188 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPOO DOWN Jones I Novel I No	225454 7.530 1.0552 7.530 1.0552 7.5471 7.650 7.660 7.	0-11 -0-11 -0-11 -0-11 -0-10 -	0.4 1.7 2.6 0.5 1.0 1.7 2.6 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.7 2.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 11 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	188 15 12 16 13 13 13 13 13 13 13 14 14 15 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPPOO DOWN Jones Noted	22545 2 2 2 2 3 4 2 2 2 3 2 3 2 3 2 3 2 3 2 3	0-11 0-10 0-10 0-10 0-10 0-10 0-10 0-10	0.4 1.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	3 11 1 0 1 0 3 2 2 2 1 1 3 3 10 4 4 1 1 1 2 2 2 1 1 1 5 5 7 3 3 0 3 2 2 2 3 3 1 1 1 1 5 5 0 2 2 3 3 1 1 1 1 5 5 0 2 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPO DOWN Jones Noted N	229.14 7.350 1.350	0.11 0.11 0.10 0.10 0.10 0.10 0.10 0.10	0.4 1.7 2.6 2.7 2.4 4.0 1.2 2.	3 11 1 1 0 1 0 3 2 2 2 1 1 3 3 3 1 1 1 1 1 1 4 1 1 1 1 1 1 1 1	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted	22545 2 2 2 2 3 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4	0-11 0-10 0-10 0-10 0-10 0-10 0-10 0-10	0.4 1.1 2.6 6.6 1.1 1.1 2.7 2.6 1.1 1.1 2.7 2.6 1.1 1.1 1.2 2.7 2.1 1.2 2.1 1.3 1.1 2.1 1.2 2.1 1.3 1.1 2.1 1.2 2.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	3 11 1 0 1 0 3 2 2 2 1 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1	188 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPOO DOWN Jones Noted	225.54 7.530 10.229 10.	0-11 -	0.4 1.7 1.2 2.5 2.5 2.6 2.6 2.7 2.6 2.6 2.7 2.6 2.6 2.7 2.6 2.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 11 1 0 1 0 3 2 2 2 1 1 3 3 10 4 4 1 1 1 2 2 2 1 1 1 4 4 2 2 2 1 1 1 4 4 5 5 7 7 3 0 0 6 6 0 0 2 2 2 2 3 0 1 3 2 2 2 3 1 3 2 2 2 3 1 3 2 2 2 3 1 3 2 2 2 3 1 3 2 2 3 1 3 2 2 3 1 3 2 2 3 1 3 3 2 2 3 3 3 3	188 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPBO DOWN Jones Noted	225-154 7.530 1.0559 1.	0.11 0.11 0.10 0.11 0.10 0.10 0.10 0.10	0.4 1.7 2.6 6.0 0.7 1.1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 11 1 1 0 1 0 3 2 2 2 1 1 3 3 3 1 0 1 1 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted	22545 2 2914 7 330 4 301 11.0 6 4 8 4 4 4 1 122.7 9 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0-11 -	0.4 1.1 2.6 6.0 6.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	3 11 1 0 1 0 3 2 2 2 1 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1	188 17 5 18 8 16 11 12 16 13 14 15 5 7 7 26 4 4 7 17 17 6 3 18 15 11 12 11 12 16 3 3 3 3 3 11 11 12 12 4 4 4 4 5 13 13 8 8 7 Year 9 1 11 14 14 12 2 4 4 4 4 5 1-1 11 14 12 2 4 4 4 4 5 1-1 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 4 4 4 4 5 1-1 11 11 11 12 2 4 4 4 4 5 1-1 11 11 12 2 8 4 4 7 Year
SAPPBO DOWN Jones Noted	225-154 7.530 1.0559 1.	0.11 0.11 0.10 0.11 0.10 0.10 0.10 0.10	0.4 1.7 2.6 6.0 0.7 1.1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 11 1 1 0 1 0 3 2 2 2 1 1 3 3 3 1 0 1 1 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1	188 16 12 16 18 18 18 18 18 18 18 18 18 18 18 18 18





D ebt markets :	(10Y,% ↔	anges in t	p)		
Developed Markets US (2-yr)	level 1.63	Daily 0.0	Week	Month 13	YTD 42
GER (2-yr)	2.31	-0.2 0.0	-5.9 -1.1	-5 -6	-13
Germany France	0.33	-0.1 0.8	-4.7 -6.7	-12 -18	-3 -27
Spain	1.49	7.7	1.0	-19	- 1
Italy Portugal	1.75	4.4 7.7	-5.8 -9.8	-37 -40	-15 -217
Greece Japan (2-yr)	5.12 -0.20	3.8 -2.3	-14.6 -5.4	-47 -7	-217 -176 -1
Japan	0.03	-3.5	-3.0	-4	-4
Emerging Markets Brazil	10.09	Daily 1.1	Weekly 7.6	Monthly 30	YTD -132
Chile Colombia	4.48 6.70	-1.7	-0.8 -4.2	23	16 -39
Mexico	7.22	-0.1	-2.8	14	-42
Peru Poland	5.03 3.40 7.72	0.7 -1.3	-7.3 -4.7	16 -9	-144 -32
Russia Turkey	7.72 11.97	4.9 8.0	4.6 46.0	2 76	-72 97
India Indonesia	6.94	1.3	4.8	16 9	56 -119
Country ris	k (bp. chang		-12.1	9	-119
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	37	0.9	-2.0	-6	-32
Italy Portugal	142 168	4.5 7.8	-1.1 -5.1	-25 -28	-20 -186
Spain	116	7.8	5.7	-7	0
2-yr so vereign spread vs Germany France	15	-0.2	-1.4	-6	5
Italy	45	1.1 0.1	-0.6	-3	-16
Portugal Spain	58 42	2.8	-2.4 3.3	-9 -3	-88 -6
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	177	7.4	7	-8	-95
Chile	53	2.1	2	-3	-29
Colombia Mexico	120 110	4.6 3.9	9	4	-43 -47
Peru	74	2.2	4	-6	-34
Venezuela Poland	17,864 52	3867.8 1.3	11822	11786 4	13959
Russia	138	3.7	10	7	-38
Turkey China	205 58	8.3 1.8	21 7	29 -1	-68 -58
India	72 99	0.2	1 5	-3 -2	-55 -57
	k indicators		9	-2	
Volatilty indicators (%) VIX	level 10	Daily 0.5	Weekly -3	Monthly -4	YTD
VSTOXX	12	2.3	5	-2	-2 -4
EM EFT volatility Index	17	-1.2	1 .9	3	-17
Dollar/euro volatility EM FX volatility index	5 8	-1.1 1.1	1	-22 -1	-47 -27
Credit spread (BAA) (bps) US bonds volatility index	191 44	0.2 -1.9	-1 -11	-8	-36 -42
Banking 5y CDS (bps) *	level	-1.9 Daily	Weekly	-20 Monthly	YTD
US	50	1.1	1	- 1	-22
EZ UK	47 44	0.3	0	-7 -3	-61 -47
Large Spanish	46	0.6	0	-11	-71
Medium Spanish Corporate 5y CDS (bps) *	80 level	-0.3 Daily	1 Weekly	-6 Monthly	-71 YTD
US Non-financial	87	1.1	- 1	- 1	-22
EZ Non-financial UK Non-financial	59 74	0.3	0 -26	-7 -31	-61 -51
Interbank mar	kets (%, ch	inges in b)		YTD
EONIA Index	-0.36	0.00	0.0	Monthly 0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.19	0.00	0.0	0.0	0.0 -0.1
Libor 3m	1.40	0.01	0.0	0.1	0.4
Libor 12m	1.87 k markets (0.00	0.0	0.1	0.2
Stoci Main indices		Daily	Weekly	Monthly	YTD
wain indices	level				TID
S&P500	2,589	-0.1	0.4	2	14
S&P500 Dow Jones	2,589 23,545	-0.1 -0.1	0.5	3	18
S&P500 Dow Jones Nikkei FTSE 100	2,589 23,545 22,914 7,530	-0.1 -0.1 -0.1 0.2	0.5 2.2 0.6	3 11 0	18 17 5
S&P500 Dow Jones Nilkel FTSE 100 EuroStoxx 50	2,589 23,545 22,914 7,530 3,655	-0.1 -0.1 -0.1 0.2 -0.1	0.5 2.2 0.6 -1.1	3 11 0 1	18 17 5 10
S&P500 DOW Jones Nikkel FTSE 100 EuroStoxx 50 IBBX DAX	2,589 23,545 22,914 7,530 3,655 10,229 13,382	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0	0.5 2.2 0.6 -1.1 -2.6 -0.6	3 11 0 1 0 3	18 17 5 10 8 16
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	2,589 23,545 22,914 7,530 3,655 10,229	-0.1 -0.1 -0.1 0.2 -0.1 0.0	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8	3 11 0 1	18 17 5 10 8
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASSE Athens	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.2 -0.6 -0.9	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3	3 11 0 1 0 3 2 2	18 17 5 10 8 16 12 16
S&P500 Dow Jones FISE 100 EuroStoxx 50 BEX DAX CAC AC	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.2 -0.6 -0.9 -1.5	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4	3 11 0 1 0 3 2	18 17 5 10 8 16 12 16 13
SAPSOO DOW Jones Nikkel TFEE 100 EuroStoux 50 BIBCX DAX ACM MAIN MINE MINE BOOK SAPEN BO	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2	3 11 0 1 0 3 2 2 2 -1 -3 -4	18 17 5 10 8 16 12 16 13 14 18 5
SAPSOO Down Jones NAMM TISE TOO EuroStown 50 BIEX D.AX C.AC MIB MSC J.ALaum * Bloovepan (Basill) Moctod Moc	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2	3 11 0 1 0 3 2 2 2 -1 -3	18 17 5 10 8 16 12 16 13 14 18 5 7
SAPSOO Down Jones Naked 1945e1 175.ET00 DAX CACAC CAC ASSAMS ASSAMS ASSAMS ASSAMS MSGLIstam Horocyclinian Horocyclinian Parage P	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 1.9 -0.9 -0.3	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9	3 111 0 1 0 3 2 2 -1 -3 -4 -2 4 1 3	18 17 5 10 8 16 12 16 13 14 18 5 7
SAPSOO Down Jonne Water	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 -1.9 -0.9	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5	3 111 0 1 0 3 2 2 -1 -3 -4 -2 4	18 17 5 10 8 16 12 16 13 14 18 5 7
S.6P500 Down Jones Weber Weber Jones John John John John John John John John	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 93,415	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.1 1.9 -0.9 -0.3 -0.3 -0.3 -0.3 -0.1	0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0 1.7 0.6	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4 1	18 17 5 10 8 16 12 16 13 14 18 5 7 26 -4 47 33 8
SAPSOO Down Jones Naked NAKE TST TOO TST TST TOO TOO TOO TOO TOO TOO TOO TOO TOO TO	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 928 3,415 6,049 level	-0.1 -0.1 -0.1 -0.1 -0.0 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 1.9 -0.3 -0.3 -0.3	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 47
SAPSOO Down Jonne Water Wat	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 928 3,415 6,049 level	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 1.9 -0.9 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 2.9 -0.5 3.9 -1.0 1.7 0.6 0.7 Veckly -2.5	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4 1 1 2	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 47 33 8 15 YTD
SAPSOO Down Jones (Marcel MARCE M	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 928 3,415 6,049 level	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.6 -0.9 -1.5 -0.8 -0.1 -0.9 -0.3 -0.3 -0.3 -0.3 -0.3	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0 1.7 0.6 0.7 Weekly -2.5 -3.4	3 111 0 1 0 3 2 2 -1 -3 -4 -2 4 1 3 10 4 1 2 Monthly -1 1 -4	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 4 47 33 8
SAPSOO Down Jonne 1846ed 1847ed 184	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 2,513 2,163 111,895 928 3,415 6,049 level 132,7 97,4 72,1 76,5	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.8 -0.1 1.9 -0.9 -0.3 -0.3 -0.5 -0.1 -0.0 -0.2 -0.0 -0.2 -1.5 -0.1 -0.0 -0.1 -0.0 -0.0 -0.0 -0.0 -0.0	0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 -0.5 3.9 -1.0 1.7 0.6 0.7 Weekly -2.5 -3.4 -2.7 -3.8	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 3 10 4 1 1 2 2 Monthly -1 1 -4 1 2	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 47 33 8 15 YTD 11 12 17
SAPSOO Down Jonne (Makel ITSE 100 ClaveSlow X 50 ClaveSlow X 50 AM AM AM AM AM AM AM AM AM A	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 2,513 2,163 111,895 928 3,415 6,049 level 132,7 97,4 72,1 26,5 48,8	-0.1 -0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.0 -0.9 -1.5 -0.8 -0.1 1.9 -0.9 -0.3 -0.3 -0.5 -0.1 -0.0 -0.2 -0.6 -0.9 -1.5 -0.1 -0.0 -0.3 -0.1 -0.1 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 3.9 -1.0 1.7 0.6 0.7 Weekly -2.5 -3.8 -1.7 -3.8 -1.7	3 111 0 1 0 3 2 2 2 -1 -3 -4 -2 4 1 1 3 10 4 1 1 2 2 Monthly -1 1 -1 2 Monthly -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 7 6 4 4 47 33 8 15 YTD 11 12 17 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPSOO Down Jones INSECTION JONES INS	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 3,415 6,049 level 132,7 97,4 72,1 26,5 48,8 240,0 111,6	0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.6 0.9 1.5 0.3 0.3 0.3 0.3 0.3 0.1 0.0 0.0 0.3 0.3 0.1 0.9 0.1 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	0.5 2.2 0.6 -1.1 -2.6 -0.8 -0.7 -3.3 -1.4 -1.2 1.3 2.9 -0.5 -3.9 -1.0 1.7 -2.5 -3.4 -2.7 -3.8 -1.7 -1.7 -1.7 -2.4	3 111 0 1 0 3 2 2 2 2 4 1 3 10 4 1 2 2 Monthly 1 1 4 2 2 4 1 1 2 2 4 1 1 2 4 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 4 4 7 7 7 11 12 12 17 17 17 17 17 17 17 17 17 17 17 17 17
\$6.6950 Down Jones 1846e1 1847e1 1847e1 DAX CACAC MEX. MSC Alterns MSC Alterns MSC Alterns MSC Milliand MSC Milliand	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 3,415 6,049 182,7 928 182,7 92,4 182,7 92,4 183,7 194,4 183,7 184,8 184,	-0.1 -0.1 -0.2 -0.1 -0.0 -0.0 -0.0 -0.9 -0.6 -0.9 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.5 2.2 0.6 1.1 2.6 0.8 0.7 3.3 1.4 1.2 1.3 2.9 1.0 0.6 0.7 1.7 0.6 0.7 2.5 3.4 1.7 2.7 3.8 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7	3 11 0 1 1 0 3 2 2 2 -1 -3 4 -2 4 1 1 3 10 4 4 1 1 2 2 4 4 1 1 2 2 1 1 1 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 26 6 4 4 7 33 8 15 15 17 17 17 17 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jonns Waser Wase	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 148,960 5,386 2,513 2,163 111,895 928 3,415 6,049 16vcl 132,7 97,4 72,1 26,5 48,960 132,7 97,4 72,1 26,5 48,960 132,7 97,4 72,1 14,6 14,6 14,6 14,6 14,6 14,6 14,6 14	-0.1 -0.1 -0.2 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	0.5 2.2 0.6 1.1 2.6 0.8 0.7 3.3 1.4 1.3 2.9 0.5 3.9 0.7 0.6 0.7 Weekly 2.5 4.6 1.7 4.6 4.0	3 11 0 1 0 1 1 0 3 3 2 2 -1 1 3 4 -2 4 4 1 1 3 10 10 4 1 1 4 4 2 -1 1 1 4 4 5 5 -7 3 3	18 17 5 10 8 16 12 16 13 14 18 5 7 7 26 4 4 47 33 8 15 7 7 7 11 12 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jones (Market MARKET M	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 111,895 3,415 6,049 1evel 132,7 92,4 12,5 14,6 14,6 14,6 14,6 14,6 14,6 14,6 14,6	0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.5 2.2 0.6 1.1 2.6 0.8 0.7 3.3 1.4 1.2 1.3 2.9 0.5 3.9 0.7 1.7 0.6 0.7 Weekly 2.5 3.4 1.7 1.7 1.7 4.6 4.0 1.2 4.6 4.0 1.2 0.7	3 11 0 1 1 0 3 2 2 1 1 3 4 2 2 4 4 1 1 3 10 4 1 1 1 1 4 4 5 7 7 3 0 0 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 14 18 8 5 7 7 2 6 4 4 47 7 11 12 11 12 11 12 11 12 11 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPSOO Down Jonne 184ed 184ed 1851 TSE 100 DAX CACAC MIB MES Alterns MES Clatters MES Clatt	2,589 23,545 22,914 7,530 3,655 10,229 13,382 5,471 22,831 742 83,229 72,963 48,960 5,386 2,513 2,163 211,895 928 3,415 6,049 132,7 97,4 72,1 26,5 48,8 240,0 111,6 64,8 14,3 14,7	0.11 0.11 0.21 0.01 0.00 0.00 0.00 0.02 0.66 0.71 1.99 0.99 0.11 1.90 0.03 0.03 0.03 0.01 0.09 0.01 0.09 0.01 0.01 0.01 0.01	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -3.3 -1.4 -1.2 -1.3 -0.5 -0.7 -3.3 -1.7 -1.7 -1.7 -1.7 -1.6 -1.7 -1.7 -1.7 -1.6 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7	3 111 0 1 1 0 3 3 2 2 -1 1 -3 4 4 1 1 2 2 4 4 1 1 1 1 4 2 1 1 1 4 2 1 1 1 4 5 5 7 7 3 0 0	18 17 5 10 8 16 12 16 13 14 18 15 7 26 4 4 47 33 8 15 YTD 11 12 17 15 16 16 13 15 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO Down Jonne (Maked ITSE 100 ClawdStoux 5 0 ClawdStoux 5 0 ANA ANA ANA ANA ANA ANA ANA A	2,589 23,545 22,914 3,555 10,229 3,555 10,229 5,471 31,382 2,831 742 3,555 5,471 11,395 5,386 6,549 9,28 11,27 9,74 72,11 1,895 9,28 12,163 3,415 6,649 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,895 9,74 72,11 1,58 8,34 1,57 72,11 1,58 8,34 1,47 7,7 1,58 8,3 1,47 7,7 1,58 8,3 1,47 7,4 4,41 1,58 8,3 8,3 8,3 8,3 8,3 8,3 8,3 8,3 8,3 8,	0.1 0.1 0.2 0.1 0.0 0.0 0.2 0.6 0.9 0.3 0.5 0.1 0.0 0.1 0.2 0.5 0.1 0.0 0.1 0.2 0.3 0.5 0.1 0.0 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.3 0.1 0.2 0.3 0.5 0.1 0.0 0.1 0.1 0.2 0.3 0.1 0.2 0.3 0.1 0.2 0.3 0.3 0.5 0.1 0.2 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.1 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.5 2.2 0.6 1.1 0.5 0.6 0.6 0.6 0.8 0.7 0.6 0.8 0.7 0.5 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 11 0 0 1 1 0 0 3 3 2 2 1 1 3 3 10 4 1 1 2 2 1 1 1 1 1 4 2 1 1 1 1 4 5 7 7 3 3 0 0 2 9 5 1 1 1 1 1 5 5 7 5 1 1 1 1 1 1 1 1 1 1	18 17 5 10 8 16 12 16 13 14 18 5 7 26 4 4 7 33 8 15 YTD 11 12 17 15 12 16 3 16 15 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOD DOWN Jonnes Weber We	2,589 23,545 22,914 3,55 22,914 3,55 2,5 3,7 5,5 0,5 3,8 5,5 4,71 11,8 5,5 1,7 5,5 1,7 5,5 1,7 5,5 1,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5	0.1 0.1 0.1 0.0 0.1 0.1 0.0 0.1 0.0 0.1 0.0 0.0	0.5 2.2 0.6 1.1 0.5 0.6 0.6 0.8 0.7 1.4 1.2 1.3 2.9 1.0 0.7 1.7 0.6 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	3 111 0 1 1 0 3 2 2 2 1 1 3 4 4 2 2 4 4 1 1 3 10 4 4 1 1 2 2 1 1 1 4 4 5 5 7 3 3 0 0 2 9 5 5 1 2 2 1 1	18 17 5 100 8 16 12 16 13 14 18 5 7 26 4 47 47 33 3 8 15 17 17 15 12 17 17 15 12 11 12 11 16 3 16 10 13 8 17 0 10 18
SAPSOO Down Jonnes Höhele Höhe	2,580 22,914 7,530 3,555 5,471 12,283 13,365 5,471 12,283 13,22 2,13 111,295 9,28 111,295 132,7 12,15 132,7 14,21 132,7 14,21 132,7 14,21 14,21 15,21 16,41	0.1 0.1 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.5 2.2 0.6 1.1 2.6 0.6 0.7 3.3 3.1 1.2 1.3 9.0 5.5 3.9 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3 111 0 0 1 1 0 0 3 2 2 1 1 3 3 10 0 4 1 1 2 2 4 4 1 1 2 2 1 1 1 4 4 5 5 7 7 3 0 0 2 9 5 1 1 2 2 1 1 5 5 1 1 5 5	18 17 5 100 8 8 16 12 16 13 3 14 18 5 7 7 26 6 4 4 47 33 8 15 17 17 15 12 17 16 6 3 16 6 10 13 13 13 8 8 17 0 10 18 8 24
SAPSOO Down Jonne 104sed 104sed 104sed 105c Tills	2,589 23,545 22,914 3,382 23,545 24,913 24,815 24,913 24,9	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5 2.2 0.6 -1.1 -2.6 -0.6 -0.8 -0.7 -1.3 -1.2 -1.3 -1.2 -1.3 -1.0 -1.7 -1.0 -1.7 -1.0 -1.7 -1.0 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7	3 111 0 1 1 2 2 1 1 3 3 10 10 14 4 1 2 2 1 1 1 1 4 4 5 7 7 3 3 0 0 2 2 9 9 5 1 1 2 2 1 5 5 0 0 2 2 1 5 5 5 0 0 2 2 2 1 5 5 5 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18 17 5 10 8 16 6 13 14 18 5 7 7 26 6 4 4 4 47 7 33 8 15 17 17 15 12 17 17 16 10 13 13 13 13 18 17 0 10 18 24 3 11 1
SAPSOO Down Jones INSECT TEST TOO BERN AND AND AND AND AND AND AND A	2,589 2,2914 2,23,545 2,2914 2,23,545 2,2914 2,283 2,29 13,382 5,5471 2,2831 1,283 2,29 2,23 2,163 2,1	0.1 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.0 0.0 0.2 0.5 0.5 0.1 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.5 2.2 0.6 1.1 0.5 0.6 0.6 0.7 0.8 0.8 0.7 1.4 1.2 1.3 2.9 0.5 3.9 1.0 0.5 3.9 1.0 0.5 3.4 1.7 4.6 0.7 1.7 0.6 0.7 1.7 0.6 0.7 1.7 0.7 0.6 0.7 1.7 0.7 0.6 0.7 1.7 0.7 0.6 0.7 1.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 111 0 1 1 0 3 3 2 2 2 1 1 3 3 10 10 4 1 1 2 2 Monthly 1 1 1 4 2 1 1 1 4 4 2 1 1 1 4 4 2 1 1 1 1	18 177 5 100 8 166 12 166 13 14 18 5 7 7 266 4 4 4 7 7 15 11 12 17 15 16 16 13 18 15 15 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO Down Jones INSECT TISTS TO TO TO THE TISTS TO TO TO TO THE TISTS TO TO TO TO THE TISTS TO TO THE TISTS TO TO THE TISTS TO	2,589 22,914 23,545 22,914 3,655 22,914 3,655 24,91 24	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5 2.2 0.6 0.6 0.7 1.1 2.6 0.8 0.7 1.2 1.3 2.9 1.0 0.7 Weekly 2.5 1.7 4.6 0.7 2.7 4.6 0.7 2.7 4.6 0.7 2.7 4.6 0.7 2.7 4.6 0.7 2.7 4.6 0.7 2.7 4.6 0.7 2.7 4.6 0.7 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6	3 11 11 0 3 3 2 2 4 1 3 3 10 4 4 1 1 2 2 4 1 1 4 4 2 2 1 1 4 4 5 5 7 3 3 0 0 2 2 3 3 0 0 2 2	18 17 5 10 8 16 12 16 13 14 18 18 5 7 7 26 -4 4 7 3 3 8 15 11 12 17 17 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jonnes Water Wa	2,589 23,545 22,914 3,92 23,545 24,91 3,95 2,91 3,95 3,95 3,95 3,95 3,95 3,95 3,97 2,96 3,97 2,96 3,97 2,96 3,97 2,96 3,97 2,97 3,97 4,97 2,97 4,97 4,97 4,97 4,97 4,97 4,97 4,97 4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5 2.2 2.6 0.6 0.8 0.8 0.7 3.3 1.14 1.12 0.5 3.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 111 0 0 3 2 2 2 -1 -3 4 -2 4 4 1 1 3 3 10 0 4 4 1 1 -1 1 4 4 -5 -7 3 0 0 2 2 1 1 5 5 0 0 2 2 -3 0 0	18 17 5 100 8 8 16 6 12 16 13 13 14 18 5 7 7 6 17 17 15 12 17 15 12 17 17 15 12 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO Down Jones Water Wat	2,589 23,545 22,914 3,925 23,945 24,91 3,925 24,91 3,925 24,91 3,925 24,91 3,925 24,91 3,925 24,91 3,925 24,91 3,925 24,91 3,925 24,91 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 3,927 4,921 4,9	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5 2.2 2.2 0.6 1.1 1.2 0.6 0.8 8.0 1.1 1.2 0.6 0.8 1.2 0.6 0.8 1.2 0.5 1.4 1.2 1.3 1.9 1.0 1.5 1.4 1.2 1.3 1.9 1.0 1.7 1.4 1.2 1.3 1.9 1.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3 11 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 17 5 100 8 8 16 12 16 13 14 18 18 15 7 7 26 6 14 17 7 17 11 12 17 17 16 18 16 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO Down Jones IASHE 100 TO JONES IASHE 100 TO JONES IASH 100 T	2,589 23,545 22,914 3,875 3,67	0.11 0.11 0.11 0.12 0.10 0.00 0.00 0.00	0.5 2.2 2.2 0.6 1.1 1.2 0.6 0.8 1.1 1.2 0.6 0.8 1.2 0.6 0.7 1.3 1.2 0.5 1.4 1.2 1.3 1.9 1.0 0.5 1.7 1.4 1.2 1.3 1.9 1.0 1.7 1.7 1.6 1.0 1.7 1.7 1.7 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.8 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 11 0 1 1 0 3 2 2 1 1 3 4 4 2 4 4 1 1 3 3 10 0 4 4 1 1 2 2 1 1 4 4 5 5 7 7 3 0 0 2 2 9 5 5 1 1 2 2 1 5 5 0 0 2 2 3 3 0 0 2 2 4 4 0 0 3 3 2 2	18 17 5 100 8 8 16 6 12 16 13 13 14 18 5 7 7 6 17 17 15 12 17 15 12 17 17 15 12 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO DOWN Jones (MANN JONES MANN JONES BEAN AND AN CACA MISS AND	2,589 22,914 2,535 2,914	0.11 0.11 0.11 0.11 0.12 0.10 0.0 0.00 0.0	0.5 2.2 2.0.6 0.7 1.1.1 2.6 0.6 0.8 0.8 1.1.1 1.3 2.9 1.0.5 1.0.7 1.7 1.0.6 0.7 1.7 1.0.6 0.7 1.7 1.0.6 0.7 1.7 1.0.6 0.7 1.7 1.0.6 0.7 1.7 1.0.6 0.7 1.7 1.0.6 0.7 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3 111 0 1 1 0 3 2 2 2 1 1 3 4 4 2 2 4 1 1 3 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 15 17 266 3 18 18 15 17 15 12 17 15 12 17 15 12 17 15 12 17 15 12 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO DOWN Jones Water Wat	2,589 22,914 2,53,545 22,914 4,545 2,547 1,257 2,57 2,57 2,57 2,57 2,57 2,57 2,57	0.11 0.11 0.11 0.11 0.11 0.12 0.10 0.00 0.0	0.5 2.2 2.0.6 0.6 0.8 0.8 0.6 0.7 0.5 0.6 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.6 0.7 0.5 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 11 0 1 1 0 3 2 2 1 1 3 4 1 1 3 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	188 177 15 10 18 15 17 17 18 18 15 17 17 15 12 17 17 15 12 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jones INSECTION JONES INS	2,589, 22,914 22,914 3,027 3,0	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.2 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 11 0 1 1 0 3 2 2 1 1 3 4 1 2 2 1 1 1 1 4 1 2 2 1 1 1 4 4 5 5 7 7 3 3 0 0 2 2 9 5 1 1 2 2 1 1 5 5 0 0 2 2 1 5 5 0 0 2 2 1 5 5 0 0 2 2 1 5 5 0 0 2 2 1 5 5 0 0 2 2 1 5 5 0 0 2 2 1 5 5 0 0 0 0 2 2 1 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	188 16 12 16 18 18 18 15 7 7 26 18 18 15 17 17 15 12 17 17 15 12 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO Down Jones Holder Ho	2,589, 22,914 3,695, 36,95 3,695, 36,95 3,695, 36,95 5,471 742,95 3,13,92 2,831 742,97 2,865, 367 11,895 2,91 3,11,895 4,11,20	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 11 0 1 1 0 3 3 2 2 2 1 1 3 3 100 14 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	188 177 5 100 8 16 12 16 16 13 3 14 18 18 5 7 7 26 6 14 47 33 3 8 15 15 12 17 17 15 12 17 17 10 18 18 17 10 18 17 11 11 11 11 11 11 11 11 11 11 11 11
SAPSOO DOWN Jones IMANE IMA	2,5890 22,914 23,545 22,914 23,545 22,914 24,13,2392 24,031 21,1395 25,471 21,1395 25,471 21,1395 25,471 21,1395 26,1392 26,13	0-11 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0.5 2.2 2.0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 11 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1	188 16 12 16 18 18 18 15 7 7 19 18 18 18 15 7 7 19 18 18 15 17 17 15 12 11 17 17 15 12 11 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO Down Jones IASHED IA	2,5890 22,914 23,545 22,914 30,029 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31,020 31	0-11 0-11 0-11 0-11 0-12 0-10 0-10 0-10	0.5 2.2 2.0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 11 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	188 177 5 100 8 166 122 166 133 144 188 5 7 7 266 -44 7 7 33 3 8 8 15 12 17 15 12 17 15 12 17 15 12 17 15 12 17 15 12 17 17 16 18 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO DOWN Jones INSAPE IN	2,5890 22,914 23,545 22,914 31,022 31	0-11 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0.5 2.2 0.6 0.8 0.8 0.7 0.5 0.5 0.6 0.8 0.8 0.5 0.0 0.0	3 11 0 1 1 0 3 3 2 2 1 1 3 3 10 4 1 1 3 3 10 4 1 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1	188 15 17 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO DOWN Jones Waster Wa	2,5890 22,914 23,545 22,914 310,229 310,229 310,229 5,471 11,331 11,341	0-11 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0.5 2.2 2.0.6 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	3 11 0 1 1 0 1 1 2 2 2 2 1 3 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 15 17 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO DOWN Jonnes Weber We	2,5890 3,695 3,695 3,695 3,695 3,695 3,695 3,695 3,695 3,695 3,695 3,293 4,115 2,283 1,382 2,283 1,382 2,283 1,382 2,283 1,382 2,547 1,382 2,547 1,588 6,588	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.6 0.6 0.7 2.6 0.8 0.7 3.3 3.1 1.2 0.5 0.7 1.7 0.6 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	3 111 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	188 17 10 8 16 16 12 16 16 13 3 8 15 17 17 15 12 17 15 12 17 15 12 17 16 6 6 11 11 11 11 11 11 11 11 11 11 11
SAPSOO DOWN Jones Water Wat	2,5890 22,914 23,545 22,914 310,229 31	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.0.6 1.1 2.6 0.5 2.2 2.2 0.6 1.1 2.6 0.5 2.2 2.2 2.7 2.4 2.5 2.5 2.7 2.4 4.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	3 11 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	188 16 16 16 16 16 16 16 16 16 16 16 16 16
SAPSOO DOWN Jones INSECT ON JONES INS	2,5890 22,914 30,022 31,022 32,02 32,02 32,02 32,02 32,02 32,02 3	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 11 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	188 17 5 100 8 16 16 16 16 16 17 16 16 17 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPSOO DOWN Jones INSECT ON JONES INS	2,5890 22,914 22,93,545 22,914 310,229	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.0.6 0.7 2.2 0.6 0.5 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 111 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 157 726 16 17 17 15 12 17 15 12 17 15 12 17 15 12 17 15 12 17 17 15 12 17 17 17 17 17 17 17 17 17 17 17 17 17
SAPPSO Down Jones INAME	2,5890 22,914 23,545 22,914 310,229 31	0-11 0-10 0-10 0-10 0-10 0-10 0-10 0-10	0.5 2.2 2.0.6 0.5 2.2 2.2 0.6 0.5 2.2 2.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	3 11 10 0 1 0 10 10 10 10 10 10 10 10 10	188 177 5 100 8 166 167 168 168 178 178 178 178 178 178 178 178 178 17
SAPSOO DOWN Jones Weber Web	2,5890 22,914 23,545 22,914 310,229 310,229 5,471 312,72 313,382 5,471 312,72 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 313,382 5,471 312,77 312,77 3	0-11 0-11 0-10 0-10 0-10 0-10 0-10 0-10	0.5 2.2 2.6 6.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	3 11 10 0 1 0 10 11 11 11 11 11 11 11 11	188 15 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO DOWN Jones Water Wat	2,5890 22,914 23,545 22,914 31,022 31	0-11 0-11 0-10 0-10 0-10 0-10 0-10 0-10	0.5 2.2 2.2 0.6 1.1 2.2 2.5 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 11 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 16 16 16 18 18 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPSOO DOWN Jones Water Wat	2,589 23,545 22,914 23,545 24,914 24,14 24	0-11 0-11 0-10 0-10 0-10 0-10 0-10 0-10	0.5 2.2 2.2 0.6 1.1 2.2 5.0 1.2 2.5 1.2 2.7 2.7 2.5 2.7 2.7 2.8 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.7 2.7 2.8 2.7 2.8 2.7 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	3 11 1 0 1 0 3 2 2 2 1 1 3 3 10 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 8 17 10 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPSOO DOWN Jones Water Wat	2,5890 22,914 23,545 22,914 310,229 31	0-11 0-11 0-11 0-11 0-11 0-11 0-11 0-11	0.5 2.2 2.2 0.6 1.1 2.2 2.5 2.3 2.9 1.0 1.2 2.5 2.1 2.7 2.6 4.5 2.7 2.7 2.8 3.9 2.1 2.1 2.1 2.1 2.5 2.5 2.1 2.7 2.6 2.5 2.7 2.8 3.9 2.0 2.5 2.7 2.7 2.8 3.9 2.7 2.7 2.8 3.9 2.7 2.7 2.8 3.9 2.7 2.7 2.8 3.9 2.7 2.7 2.8 3.9 2.7 2.7 2.8 3.9 2.7 2.7 2.7 2.8 3.9 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.7 2.8 2.7 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	3 11 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 8 177 5 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPSOO DOWN Jones Water Wat	2,5890 22,914 23,545 22,914 310,229 31	0-11 0-10 0-10 0-10 0-10 0-10 0-10 0-10	0.5 2.2 2.0.6 0.1 2.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 111 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 8 16 13 14 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPROD DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	2,589 2,2914 2,23,345 2,2914 2,23,345 2,2914 2,2831 3,382 2,831 2,2831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,382 2,831 1,381 1	0-11 0-11 0-10 0-10 0-10 0-10 0-10 0-10	0.5 2.2 2.0 6.6 1.1 2.6 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	3 111 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSOO DOWN Jones INAME	2,5890 22,914 23,545 22,914 310,229 310,229 5,471 312,239 310,229 5,471 311,350 311,329 22,331 311,329 23,331 311,329	0.11 0.11 0.10 0.10 0.10 0.10 0.10 0.10	0.5 2.2 2.0.6 0.7 2.2 0.6 0.5 2.6 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 111 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188 8 8 16 17 5 10 10 10 10 11 11 11 11 11 11 11 11 11



Source: Bloomberg, Datastream and Haver

* With one day delay

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October, 2017 Table 1